CITY OF MOBILE

REQUEST FOR QUOTES

October 23, 2019

The City of Mobile will receive quotes for the following Project:

Project Name:	**Service Repair – Environmental Remediation**
Project Location:	**Mobile Police Department Headquarters Building** **2460 Government Blvd.** **Mobile, AL 36606**
Project Number:	**SR-009-20**

Quotes (stipulated sum) for the above Project will be received until 2:00 p.m. on Wednesday, November 6, 2019 in the Building Services Department, 205 Government Street, Room 546 (P.O. Box 1827), Mobile, AL 36633. Quotes may be submitted in person, FAXed (251-208-7894), e-mailed (ozzie@cityofmobile.org), or mailed to the address indicated. Quotes will be reviewed by the Building Services Department following the time established for receipt of Quotes.

There will be a **MANDATORY** Pre-Bid conference on Wednesday, October 30, 2019 at 10:00am. Bidders will meet in the main lobby of the Mobile Police Department Headquarters Building, 2460 Government Blvd., Mobile, AL 36606. **Only bidders that attend may submit a bid.**

This is NOT a tax-exempt project. Quotes shall include all applicable sales and use taxes.

Scope of Work:
Work to be performed by Contractor under this Agreement shall consist of furnishing all labor, materials, insurance, tools, supplies and equipment necessary to remediate ceilings, walls, flooring, HVAC registers and returns, and windows at the Mobile Police Department Headquarters Building as described in Exhibit A, Scope of Work, in accordance with the terms of the Contract.

Examination of Documents:
Before submitting a Quote, Contractors should carefully examine this Request for Quotes, visit the site of the Work, fully inform themselves as to existing conditions and limitations, and include in the Quote a sum to cover the cost of all items included in the Request for Quotes as necessary to perform the work. The submission of the Quote will be considered as conclusive evidence that the Contractor has made such examination.

Term of Agreement:
The Work shall commence on the date of written Notice to Proceed, issued by the Owner. The term of the Contract shall extend for Fifteen (15) days from the date of the Notice to Proceed.

Contractor's Use of Premises:
Coordinate all work with the City of Mobile, Building Services Department, Service Contract Administrator, or other Building Services Department authorized representative (hereafter referred to as Service Contract Administrator). All Work shall be scheduled to minimize the disturbance and interruption of the facility, staff, and the general public. Due to the sensitive nature of the building and the work performed, all personnel will be escorted at all times and subject to searches.

Bid Security (If Quote/Bid is greater than $15,000.00):
Cashier's Check drawn on an Alabama bank and made payable to the City of Mobile or Bid bond in the amount of 5% of the initial term (one year's) Bid Amount, but in no case more than $10,000, is required to accompany Bid if Total Bid is $10,000 or more. By submitting a Bid Security, the Bidder pledges to enter into a Contract with the City of Mobile on the terms stated in the Bid, and will, if required, furnish bonds covering faithful performance of the Contract and required insurance certificate. Should the Bidder refuse to enter into such Contract or fail to furnish such bonds or insurance, the amount of the Bid security shall be forfeited to the Owner as liquidated damages, not as a penalty.

Bid Bond shall be valid for a minimum of sixty (60) days from the date of Bid. The Owner reserves the right to retain the security of all Bidders until the successful Bidder enters into the Contract or until sixty (60) days after Bid opening, whichever is sooner.

Bonds must be issued by a Surety licensed to do business in the State of Alabama and must be signed or countersigned by a licensed resident agent of the State of Alabama. If the project cost is more than $50,000.00 the Surety must have a minimum rating of A/Class VI as reported by the latest issue of Best's Key Rating Guide Property-Casualty published by Alfred M. Best Company, Inc. Power of Attorney is required for all Bonds.

Quality Assurance:
For all work performed under this Section, use only skilled technicians who are thoroughly trained and experienced in the installation and training of this type of equipment. Technicians shall be properly supervised. Contractor shall have at least 3 years' experience in the installation and training on the type of equipment listed.

Hours of Work:
The Owner shall not prohibit Contractor from performing work herein during a normal work day. For the purpose of this provision a "normal work day" is defined as any business day between the hours of 8:00 a.m. and 5:00 p.m.

Payments:
The Owner will pay the Contractor for actual work performed in accordance with the following:

- Payments will be made upon the completion of work as specified.
- Original invoices shall be submitted to the Service Contract Administrator for review and approval.
- Payments shall be made in accordance with the approved Schedule of Values listed in the Agreement.

Termination:
The Owner or Contractor may terminate the Contract upon thirty (30) days written notice. The Owner shall pay only for work executed and proven loss with respect to materials, equipment, tools and reasonable overhead. The Owner shall not make payment to the Contractor for profit or damages as a result of terminating the Contract.

Insurance:
Contractor shall provide insurance in accordance with Exhibit 2, City of Mobile Insurance Requirements.

Form of Agreement:
The "Standard Contract Agreement between the City of Mobile and Contractor" (attached as Exhibit 3) shall be used.

General:
Requests for information (RFI's) shall be submitted in writing to the Service Contract Administrator no later than three (3) business day prior to the Quote submittal date. Responses shall be in the form of a written Addendum issued to all Contractors. Receipt of all addenda shall be acknowledged by the Contractor on the Quote forms. Failure to acknowledge Addenda may result in disqualification of the Quote.

A City of Mobile Business License is required and must be current at time of submitting a Quote, and throughout contract period.

- Within Ten (10) calendar days from the date of issuance of Contract forms for execution, the Contractor shall deliver to the City of Mobile the following documents:

    1. Proof of enrollment in the Federal E-Verify program (see sample document, attached as Exhibit 1)

    2. Certificate of Insurance along with ALL endorsements in accordance with City of Mobile Insurance Requirements (attached as Exhibit 2, with sample document)

    3. Fully executed Agreement (see sample document, attached as Exhibit 3)

    4. A Company W-9 Tax Form and Vendor Information Form (if not currently on file with the City of Mobile)

Immigration Law: The Contractor agrees that it shall comply with all of the requirements of the Beason-Hammond Alabama Taxpayer and Citizen Protection Act, Act No. 2011-535, Alabama Code (1975) Section 31-13.1, et, seq., as amended by Act No. 2012-4-91. Compliance shall be evidenced by verification of enrollment in the E-Verify Program and documentation of enrollment shall be attached to the executed Agreement.

Anti-Boycott Statement:

A. Public contracts with entities engaging in certain boycott activities:
(a), Per State of Alabama Code, Section 41-16-5 (b), (Act No. 2016-312), subject to subsection (c), a governmental entity may not enter into a contract governed by Title 39 or Chapter 16, Title 41, with a business entity unless the contract includes a representation that the business entity is not currently engaged in, and an agreement that the business entity will not engage in, the boycott of a person or an entity based in or doing business with a jurisdiction with which this state can enjoy open trade.

B. (c) (1) This section does not apply if a business fails to meet the requirements of subsection (b) but offers to provide the goods or services for at least 20 percent less than the lowest certifying business entity.

C. This section does not apply to contracts with a total potential value of less than Fifteen Thousand Dollars ($15,000).

D Nothing in this section requires a business entity or individual to do business with any other particular business entity or individual in order to enter into a contract with a governmental entity.

Equal Opportunity:

A. The City of Mobile, Alabama is an Equal Opportunity Employer and requires that all Contractors comply with the EQUAL Employment Opportunity laws and the provisions of the Bid Documents in this regard.

B. The City of Mobile also encourages and supports the utilization of Minority Business Enterprises on these and all other publicly solicited bids, and shall be in compliance with the City of Mobile's Minority Utilization Plan as adopted by the City Council.

NOTE: Contact the Service Contract Administrator, Ozzie Elortegui, at the City of Mobile, Building Services Department, 251-275-6888 cell, 251-208-7639 office, 251-208-7894 FAX or e-mail ozzie@cityofmobile.org for further clarification.

QUOTE FORM

SERVICE REPAIR – ENVIRONMENTAL REMEDIATION
MOBILE POLICE DEPARTMENT HEADQUARTERS BUILDING
2460 GOVERNMENT BLVD., MOBILE, AL 36606

SR-009-20

QUOTE:

Company Name: _____

Company Address: _____

Office Phone #: _____ **Fax # :** _____

City of Mobile Business License No.: _____

Hereby proposes to furnish all labor, materials, tools, insurance, equipment, and supplies and to sustain all expenses incurred in performing the Scope of Work for the amount listed below. Contractor acknowledges receipt of Addendum No._____ and dated_____.

The Work shall commence on the date of written Notice to Proceed, issued by the Owner. The term of the Contract shall extend for Thirty (30) days from the date of the Notice to Proceed.

Quotes shall include all applicable sales and use taxes and shall be provided in whole dollar amount with no cents.

Environmental Remediation:	
Cleaning	$_____.00
Carpet Cleaning	$_____.00
HVAC Registers & Returns Cleaning	$_____.00
Subtotal:	$_____.00
Allowance*:	$ 2,500.00
Total:	$_____.00

Total Quote Amount: _____
(Amount in Words)

_____ and 00/100 Dollars ($_____.00)
(Amount in Numbers)

* An Allowance of Two Thousand Five Hundred and 00/100 Dollars ($2,500.00) has been established in the Contract to cover any unforeseen conditions that require additional remediation. The Allowance shall be used for items of work not included under Basic Services in the Contract Documents. All additional work under this section must be authorized by the Owner, in writing,

prior to ordering materials and/or undertaking work. The Allowance shall cover cost of material, labor, equipment, overhead, profit, and all other expenses for additional work as required by Owner. Upon completion of the Service Contract, any unused portion of the Allowance shall be credited back to the Owner in the form of a Change Order.

The City of Mobile reserves the rights to add, remove and modify services, as needed during the term of this Agreement.

Contact Name: _____

Contact Phone #: _____ **Cell #:** _____

E-mail Address: _____

Signature: _____ **Date:** _____

Printed Name: _____ **Title:** _____

EXHIBIT A

SCOPE OF WORK
SR-009-20 - Environmental Remediation
Mobile Police Department Headquarters Building
October 23, 2019

Scope of Services: Furnish all labor, materials, tools, equipment, and supplies and to sustain all the expenses incurred in performing the work to remediate the Basement, First, and Second floors of the Mobile Police Department Headquarters Building.

General:

1.) Conduct the environmental remediation per AeroStar SES Remediation Protocols (See attached Exhibit B – Indoor Air Quality Assessment) based on the collection samples:
2.) Provide all standard and proper Personal Protective Equipment (PPEs) to be used at all times by Service Contractor's employees and other individuals entering the building.
3.) Remediation work shall be in accordance with Environmental Protection Agency (EPA), Institute of Inspection and Restoration (IICRC), or other documented methodology.
5.) Furnish, install and maintain air scrubbers to achieve four (4) air changes per hour minimum, in the location where the remediation work is occurring and at least Twenty-Four (24) hours after the work is completed.
6. Furnish, install and maintain all scaffolding as required to complete remediation activities, if needed. Install plywood or other suitable material under scaffolding supports to protect floor surfaces and distribute loads. Scaffolding and equipment shall not exceed allowable finish floor live loads. Coordinate with Owner's Project Manager prior to installing any scaffolding, if required.
7.) Service Contractor shall be responsible for all remediation means, methods, techniques, sequences and procedures and for coordinating all portions of the Work. Service Contractor shall be fully and solely responsible for jobsite safety.
8.) On-site parking, delivery, and loading/unloading will be coordinated Owner's Project Manager in cooperation with the Mobile Police Department.
9.) Service Contractor shall be allowed to use Facility power and water as necessary for remediation activities.
10.) Service Contractor shall confine operations at the site to areas permitted by the City of Mobile. Service Contractor shall coordinate the Service Contractor's operations with, and secure the approval of Owner's Project Manager
11.) Service Contractor shall keep the Project Site clean and shall remove trash and debris daily. At the completion of the work, Service Contractor shall remove all tools, equipment and debris and leave facility clean.
12.) Service Contractor shall be responsible for any damage to existing surfaces, furniture, fixtures or equipment. Repairs or replacement of damaged surfaces, furniture, fixtures or equipment shall be at Service Contractor's sole expense.
13.) This is NOT a tax exempt project. All applicable sales and use taxes shall be included in the Contract Amount.

Products:

1.) Provide detergents, disinfectants and other cleaning products appropriate for surfaces being cleaned. Use cleaning products in accordance with manufacturers printed instructions.

Execution:

1.) Basement - Property Office Center
   a. Protect all flooring, furniture, fixtures and equipment during remediation by covering with protective barrier prior to beginning work.
   b. Set up containment.
   c. HEPA vacuum all ceilings, walls, floors, molding and trim, furniture, and equipment as required.
   d. HEPA vacuum all HVAC registers and return air grills.
   e. Wipe all affected surfaces as required with mild cleaning solution, per standard protocols.
   f. Apply disinfectant.
   g. Areas to be cleaned/disinfected shall include walls, ceilings, floors, molding and trim, doors, windows, furniture, drapes, lighting fixtures, and other surfaces and equipment as required.
   h. Final clean – HEPA vacuum all surfaces.

2.) Basement – Sgt. Sherrod's Office
   a. Protect all flooring, furniture, fixtures and equipment during remediation by covering with protective barrier prior to beginning work.
   b. Set up containment.
   c. HEPA vacuum all ceilings, walls, floors, molding and trim, furniture, and equipment as required.
   d. HEPA vacuum all HVAC registers and return air grills.
   e. Wipe all affected surfaces as required with mild cleaning solution, per standard protocols.
   f. Apply disinfectant.
   g. Areas to be cleaned/disinfected shall include walls, ceilings, floors, molding and trim, doors, windows, furniture, drapes, lighting fixtures, and other surfaces and equipment as required.
   h. Final clean – HEPA vacuum all surfaces.

3.) Basement – Chiller Pump Room
   a. Protect all flooring, furniture, fixtures and equipment during remediation by covering with protective barrier prior to beginning work.
   b. Set up containment.
   c. HEPA vacuum all ceilings, walls, floors, molding and trim, furniture, and equipment as required.
   d. HEPA vacuum all HVAC registers and return air grills.
   e. Wipe all affected surfaces as required with mild cleaning solution, per standard protocols.
   f. Apply disinfectant.

g. Areas to be cleaned/disinfected shall include walls, ceilings, floors, molding and trim, doors, windows, furniture, drapes, lighting fixtures, and other surfaces and equipment as required.
h. Final clean – HEPA vacuum all surfaces.

4.) Second Floor – Room 212E
a. Protect all flooring, furniture, fixtures and equipment during remediation by covering with protective barrier prior to beginning work.
b. Set up containment.
c. HEPA vacuum all ceilings, walls, floors, molding and trim, furniture, and equipment as required. A deep cleaning of the carpet will be required.
d. HEPA vacuum all HVAC registers and return air grills.
e. Wipe all affected surfaces as required with mild cleaning solution, per standard protocols.
f. Apply disinfectant.
g. Areas to be cleaned/disinfected shall include walls, ceilings, floors, molding and trim, doors, windows, furniture, drapes, lighting fixtures, and other surfaces and equipment as required.
h. Disinfect, sanitize, and remove any visible growth on windows and window ledges/sills.
i. Final clean – HEPA vacuum all surfaces.

5.) Second Floor – Personnel Office
a. Protect all flooring, furniture, fixtures and equipment during remediation by covering with protective barrier prior to beginning work.
b. Set up containment.
c. HEPA vacuum all ceilings, walls, floors, molding and trim, furniture, and equipment as required. A deep cleaning of the carpet will be required.
d. HEPA vacuum all HVAC registers and return air grills.
e. Wipe all affected surfaces as required with mild cleaning solution, per standard protocols.
f. Apply disinfectant.
g. Areas to be cleaned/disinfected shall include walls, ceilings, floors, molding and trim, doors, windows, furniture, drapes, lighting fixtures, and other surfaces and equipment as required.
h. Disinfect, sanitize, and remove any visible growth on windows and window ledges/sills.
i. Final clean – HEPA vacuum all surfaces.

6.) Evidence Trailer
a. Protect all flooring, furniture, fixtures and equipment during remediation by covering with protective barrier prior to beginning work.
b. Set up containment.
c. HEPA vacuum all ceilings, walls, floors, molding and trim, furniture, and equipment as required.
d. HEPA vacuum all HVAC registers and return air grills.
e. Wipe all affected surfaces as required with mild cleaning solution, per standard protocols.

f. Apply disinfectant.
g. Areas to be cleaned/disinfected shall include walls, ceilings, floors, molding and trim, doors, windows, furniture, drapes, lighting fixtures, and other surfaces and equipment as required.
h. Disinfect, sanitize, and remove any visible growth on windows and window ledges/sills.
i. Final clean – HEPA vacuum all surfaces.

7.) HVAC Registers and Return-Air Grills on all Three (3) Floors
   a. Identify any HVAC registers and return-air grills with visible growth, dust accumulation, and/or dirt accumulation.
   b. HEPA vacuum all HVAC registers and return air grills, as needed.
   c. Wipe all affected surfaces as required with mild cleaning solution, per standard protocols.
   d. Apply disinfectant.
   e. Final clean – HEPA vacuum all surfaces.

8.) Windows – Floors 1 and 2
   a. Identify any windows and window sills with visible growth, dust accumulation, and/or dirt accumulation.
   b. HEPA vacuum windows and window sills, as needed.
   c. Wipe all affected surfaces as required with mild cleaning solution, per standard protocols.
   d. Apply disinfectant.
   e. Final clean – HEPA vacuum all surfaces.

Additional Services:

If, during the course of the work, an unforeseen condition arises, the Contractor will immediately provide the Owner's Project Manager with a written report to include detailed description and cost estimate for additional work required. No work may be performed without written approval by Owner.

END OF SECTION

E-Verify EXHIBIT 1

Company ID Number:

Approved by:

Employer	
Name (Please Type or Print)	Title
Signature	Date
Department of Homeland Security – Verification Division	
Name (Please Type or Print)	Title
Signature	Date

E-Verify

Company ID Number:

Information Required for the E-Verify Program Information relating to your Company:	
Company Name	
Company Facility Address	
Company Alternate Address	
County or Parish	
Employer Identification Number	
North American Industry Classification Systems Code	
Parent Company	
Number of Employees	
Number of Sites Verified for	

EXHIBIT 2

City of Mobile Insurance Requirements
Contractor

Insurance – For the duration of this agreement, the Contractor shall maintain the following minimum amounts for this project:

A. Workers' Compensation/Employer's Liability:

1. Workers' Compensation insurance in the amounts required by all applicable laws, rules or regulations of the state of Alabama.

2. Employer's Liability with limits of not less than:

Bodily Injury by Accident	$1,000,000 each accident
Bodily Injury by Disease	$1,000,000 policy limit
Bodily Injury by Disease	$1,000,000 each employee

3. Borrowed Servant/Alternate Employer endorsement in favor of City of Mobile.

B. Comprehensive General Liability Insurance:

1. Comprehensive General Liability (occurrence form) including coverage for products/completed operations, independent contractors, and blanket contractual liability, specifically covering the obligations assumed by Contractor.

2. Limit of Liability: $1,000,000 combined single limit of liability each occurrence bodily injury or property damage.

3. General Aggregate Limit shall apply on a "Per Project" Basis.

C. Automobile Liability Insurance:

1. Automobile Liability Insurance to cover any auto, including all owned, non-owned, and hired vehicles, with a $1,000,000 combined single limit of liability each accident for bodily injury and/or property damage.

D. Excess/Umbrella Liability Insurance

1. Providing following form coverage for Employer's Liability, Comprehensive General Liability, and Automobile Liability.

2. Limit of Liability: $1,000,000 combined single limit of liability each occurrence for bodily injury and/or property damage.

CERTIFICATE OF LIABILITY INSURANCE ENDORSEMENT PAGE

The policy endorsements listed below are required and must be listed in the "Description of Operations" box on the certificate of Liability Insurance or listed **separately** on an attachment to the certificate of insurance (ACORD 101, Additional Remarks Schedule).

Waiver of Subrogation - All policies of insurance shall be endorsed to waive rights of subrogation in favor of City of Mobile.

Additional Insured - All policies of insurance, except those referenced under paragraph A, shall be endorsed to name City of Mobile as an Additional Insured

Primary Insurance - All policies of insurance, except those referenced under paragraph A, shall be endorsed to provide that all such insurances are primary and non-contributing with any other insurance maintained by City of Mobile.

Notice of Cancellation – Certificates of Insurance shall provide that such insurance shall not be subject to cancellation, non-renewal nor material change without 30 days or more (except 10 days for non-payment) prior written notice thereof to the City of Mobile.

Certificates of Insurance - General – Within ten (10) calendar days from the date of issuance of Contract forms for execution, Contractor shall deliver to the City of Mobile, certificates of insurance (standard ACORD format) certifying the existence and limits of the insurance coverages along with separate policy endorsements as described above. Contractor shall also be responsible for delivering policy renewal certificates to the City of Mobile. A sample Certificate of Liability Insurance form including the policy endorsement requirements is attached for Contractor's reference.

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER	CONTACT NAME:	
	PHONE (A/C, No, Ext):	FAX (A/C, No):
	E-MAIL ADDRESS:	

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER A :	
INSURER B :	
INSURER C :	
INSURER D :	
INSURER E :	
INSURER F :	

INSURED

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
	GENERAL LIABILITY						EACH OCCURRENCE	$ 1,000,000
	[X] COMMERCIAL GENERAL LIABILITY						DAMAGE TO RENTED PREMISES (Ea occurrence)	$ 1,000,000
	[ ] CLAIMS-MADE [X] OCCUR	X	X				MED EXP (Any one person)	$ 5,000
	[X] Contractual Liability						PERSONAL & ADV INJURY	$ 1,000,000
	[ ]						GENERAL AGGREGATE	$ 1,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER:						PRODUCTS - COMP/OP AGG	$ 1,000,000
	[ ] POLICY [X] PRO-JECT [ ] LOC							$
	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident)	$ 1,000,000
	[X] ANY AUTO	X	X				BODILY INJURY (Per person)	$
	[ ] ALL OWNED AUTOS [ ] SCHEDULED AUTOS						BODILY INJURY (Per accident)	$
	[ ] HIRED AUTOS [ ] NON-OWNED AUTOS						PROPERTY DAMAGE (Per accident)	$
								$
	[X] UMBRELLA LIAB [X] OCCUR	X	X				EACH OCCURRENCE	$ 1,000,000
	[ ] EXCESS LIAB [ ] CLAIMS-MADE						AGGREGATE	$ 1,000,000
	[ ] DED [ ] RETENTION $							$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY Y/N						[X] WC STATU-TORY LIMITS [ ] OTH-ER	$1,000,000
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICE/MEMBER EXCLUDED? [ ] N/A		X				E.L. EACH ACCIDENT	$
	(Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE	$
							E.L. DISEASE - POLICY LIMIT	$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, If more space is required)

PROJECT NAME: PROJECT NUMBER:

City of Mobile is included as an Additional Insured in respect to General Liability, Automobile Liability and Umbrella Liability. All policies, except workers compensation, shall be Primary and Non-contributory with any other insurance in force or which may be purchased by Additional Insured, Waiver of Subrogation applies, in favor of City of Mobile with respect to General Liability, Automobile Liability, and Workers Compensation and Employer's Liability. 30 Day Notice of Cancellation, non-renewal or material change shall apply (except 10 days for non-payment).

CERTIFICATE HOLDER

City of Mobile
Architectural Engineering Department
P. O. Box 1827
Mobile, Alabama 36633-1827

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

ACORD 25 (2010/05) The ACORD name and logo are registered marks of ACORD

EXHIBIT 3

STANDARD CONTRACT AGREEMENT BETWEEN CITY OF MOBILE AND CONTRACTOR

This **AGREEMENT** made and entered into this _____day of _____, in the year 20____,

by and between **THE CITY OF MOBILE**, by its Mayor, duly authorized party of the first part, hereinafter called the "City",

And the **CONTRACTOR**:

City of Mobile Business License Number: _____

City of Mobile Vendor Number: _____

for the following PROJECT: **SERVICE REPAIR – ENVIRONMENTAL REMEDIATION**

PROJECT NUMBER: **SR-009-20**

PROJECT LOCATION: **Mobile Police Department Headquarters Building**
2460 Government Blvd., Mobile, AL 36606

WITNESSETH, that this Contractor and City, for the considerations stated herein, agree as follows:

ARTICLE 1. Statement of Work to be Performed:
1.1 Work to be performed by Contractor under this Agreement shall consist of furnishing all labor, materials, insurance, tools, supplies and equipment necessary to remediate ceilings, walls, flooring, HVAC registers and returns, and windows at the Mobile Police Department Headquarters Building as described in Exhibit A, Scope of Work, in accordance with the terms of the Contract.

ARTICLE 2. Term of Contract:
2.1 The Work shall commence on the date of written Notice to Proceed, issued by the Owner. The initial term of the Contract shall extend for a total of Fifteen (15) days.

ARTICLE 3. Contract Sum:
3.1 The City shall pay the Contractor, in current funds, the sum as follows:

TOTAL CONTRACT SUM:

Environmental Remediation:

Cleaning	$_____.00
Carpet Cleaning	$_____.00

HVAC Registers & Returns Cleaning	$_____.00
Subtotal:	$_____.00
Allowance*:	$ 2,500.00
Total:	$_____.00

Total Contract Amount: _____
(Amount in Words)

_____ and 00/100 Dollars ($_____.00)
(Amount in Numbers)

* An Allowance of Two Thousand Five Hundred and 00/100 Dollars ($2,500.00) has been established in the Contract to cover any unforeseen conditions that require additional remediation. The Allowance shall be used for items of work not included under Basic Services in the Contract Documents. All additional work under this section must be authorized by the Owner, in writing, prior to ordering materials and/or undertaking work. The Allowance shall cover cost of material, labor, equipment, overhead, profit, and all other expenses for additional work as required by Owner. Upon completion of the Service Contract, any unused portion of the Allowance shall be credited back to the Owner in the form of a Change Order.

The City of Mobile reserves the rights to add, remove and modify services, as needed during the term of this Agreement.

ARTICLE 4. Payments:
4.1 The City will pay the Contractor on account of the Contract as follows:

A. Payment will be made upon completion of the work as specified.
B. Original invoices shall be delivered to the Service Contract Administrator for review and approval following completion of Work.
C. Payments shall be made in accordance with the accepted Schedule of Values listed in the Contract Documents.

ARTICLE 5. Termination of the Contract:
5.1 The Owner or Contractor may terminate the Contract upon thirty (30) days written notice. The Owner shall pay the Contractor for work executed and for proven loss with respect to materials, equipment, tools and reasonable overhead.

5.2 The Owner shall not make payment to the Contractor for profit and damages, as the result of terminating the Contract.

ARTICLE 6. Contract Documents:
6.1 The contract documents consist of this Agreement, Addenda issued prior to the execution of the Contract, The Contractor's Quote as accepted by the City, other documents listed in this Agreement, and Modifications issued after the execution of this Agreement, all of which form the Contract, and are as fully a part of the Contract as if attached to this Agreement or repeated herein. An enumeration of the Contract Documents, other than a Modification, appears below:

1. Request for Quotes, dated October 23, 2019
2. Quote, dated _____, 2019
3. Scope of Work, Exhibit A, dated October 23, 2019
4. 5. This Instrument (Agreement)
5. E-Verify Documentation
6. Certificate of Liability Insurance with Endorsements
7. Other Documents as required

ARTICLE 7. Insurance:
7.1 Required coverage:

7.1.1 For the life of this Agreement, Contractor shall acquire and maintain in full force and effect no less than the following liability and comprehensive insurance issued by a company licensed and qualified to do business in the State of Alabama, which such insurance shall name the City of Mobile as an additional insured, and shall attach to this contract as proof thereof a certificate of insurance issued by an agent licensed and qualified to do business in the State of Alabama:

A. Comprehensive General Liability (occurrence form) including coverage for premises, products and complete operations, and blanket contractual liability, specifically covering the obligations assumed by the Contractor.
   1. Bodily injury liability:
      $1,000,000 each person
      $1,000,000 each occurrence
   2. Property damage liability - $1,000,000 each occurrence.
   3. Or, in lieu of (1) and (2) above:
      Bodily injury and property damage combined –$1,000,000 per occurrence
   4. General Aggregate limit shall apply on a "Per Project" Basis.

B. Comprehensive – Automobile Liability Insurance to cover any auto, including all owned, non-owned, and hired vehicles.
   1. Bodily injury liability:
      $1,000,000 each person
      $1,000,000 each occurrence
   2. Property damage liability - $1,000,000 each occurrence.
   3. Or, in lieu of (1) and (2) above)
      Bodily injury and property damage combined – $1,000,000 per occurrence

C. Excess/Umbrella Liability insurance
   1. $1,000,000 combined single limit of liability each occurrence for bodily injury and/or property damage.
   2. Providing following form coverage for Employer's Liability, Comprehensive General Liability and Automotive Liability.

D. Workers' Compensation insurance - in the amounts required by all applicable laws, rules or regulations of the state of Alabama.

7.1.2 If the certificate of insurance referenced in this Agreement does not evidence insurance of owned vehicles, said certificate and this sentence shall evidence the Contractor's covenant that it does not own any vehicles and that it will not purchase or obtain any vehicles during the term of this Agreement. Said certificate shall require that said insurance coverage will not be altered or terminated unless City shall have been given written notice of such alteration or termination delivered to City not less than thirty (30) days before the effective date of such alteration or termination.

7.1.3 Waiver of Subrogation - all policies of insurance shall be endorsed to waive rights of subrogation in favor of City of Mobile.

7.1.4 Additional Insured - all policies of insurance, except those referenced under 7.1.1 D, shall be endorsed to name City of Mobile as an Additional Insured

7.1.5 Primary Insurance - all policies of insurance, except those referenced under 7.1.1 D, shall be endorsed to provide that all such insurances are primary and non-contributing with any other insurance maintained by City of Mobile.

7.1.6 Certificates of Insurance - prior to execution of the Agreement, Contractor shall deliver to the City of Mobile certificates of insurance certifying the existence and limits of the insurance coverages, noting applicable endorsements, described above and shall deliver same and renewals thereof to the City of Mobile. The certificates shall provide that such insurance shall not be subject to cancellation, non-renewal nor material change without 30 days or more (except 10 days for non-payment) prior written notice thereof to the City of Mobile.

ARTICLE 8. Miscellaneous Provisions

8.1 Breach of Contract: In the event of any breach or apparent breach by Service Contractor of any of its obligations under the terms of this Agreement, and in the further event that City shall engage the services of any attorney to protect or to enforce its rights with respect to said breach or apparent breach, then and in those events, Service Contractor agrees to pay and to reimburse any and all reasonable attorneys' fees and expenses which City may incur with respect to City's enforcement of this Agreement; regardless of whether said attorneys' fees and costs shall be incurred in connection with any litigation or in connection merely with advice and representation provided without litigation.

8.2 Indemnification: Service Contractor agrees to indemnify and hold the City, its elected officials, officers, agents, and employees, whole and harmless from all costs, liabilities and claims for damages of any kind (including interest and attorneys' fees) arising in any way out of the performance of this Agreement and/or the activities of Service Contractor, its principals, directors, agents, servants and employees in the performance of this Agreement, for which the City is alleged to be liable. In the event that the City, through no fault of its own, is made a party to any lawsuit or legal proceeding arising in any way from this Agreement or any activities conducted pursuant thereto, Service Contractor hereby agrees to pay all of City's costs of defense, including but not limited to all attorneys' fees, court costs, expert witness fees and other expenses, through trial and, if necessary, appeal. This section is not, as to third parties or to anyone, a waiver of any defense or immunity or statutory damages cap otherwise available to Service Contractor or City, and these defenses and matters may be raised in the City's behalf in any action or proceeding arising under this Agreement.

8.3 Entire Agreement: This Agreement is the final expression of the agreement between the parties, and the complete and exclusive statement of the terms agreed upon, and shall supersede all prior negotiations, understandings or agreements. There are no representations, warranties, or stipulations, either oral or written, not contained herein.

8.4 Governing Law and Venue: This Agreement shall be governed by the laws of the State of Alabama, and the appropriate venue for any actions arising out of this Agreement shall be a court of proper jurisdiction in Mobile, Alabama.

8.5 Licenses, permits, etc.: Service Contractor shall obtain, at its own expense, all necessary professional licenses, permits, insurance, authorization and assurances necessary in order to abide by the terms of this Agreement.

8.6 No Agency Relationship Created: Service Contractor, in the performance of its operations and obligations hereunder, shall not be deemed to be an agent of the City but shall be deemed to be an independent contractor in every respect and shall take all steps at its own expense, as City may from time to time request, to indicate that it is an independent contractor. City does not and will not assume any responsibility for the means by which or the manner in which the services by Service Contractor provided for herein are performed, but on the contrary, Service Contractor shall be wholly responsible therefore.

8.7 Anti-discrimination: Service Contractor shall comply with all Federal, State and local laws concerning nondiscrimination, including but not limited to City of Mobile Ordinance No. 14-034 which requires, *inter alia*, that all contractors performing work for the City of Mobile not discriminate on the basis of race, creed, color, national origin or disability, require that all subcontractors they engage do the same, and make every reasonable effort to assure that fifteen (15%) percent of the work performed under contract be awarded to socially and economically disadvantaged individuals and business entities.

8.8 Assertion of Rights: Failure by the City to assert a right or remedy shall not be construed as a waiver of that right or remedy.

8.9 State of Alabama Immigration Law: By signing this contract, the contracting parties affirm, for the duration of the agreement, that they will not violate federal immigration law or knowingly employ, hire for employment, or continue to employ an unauthorized alien within the State of Alabama. Furthermore, a contracting party found to be in violation of this provision shall be deemed in breach of the agreement and shall be responsible for all damages resulting therefrom.

8.10 Public Contracts with Entities Engaging in Certain Boycott Activities: By signing this contract, the Service Contractor further represents and agrees that it is not currently engaged in, nor will it engage in, any boycott of a person or entity based in or doing business with a jurisdiction with which the State of Alabama can enjoy open trade.

ARTICLE 9. Signature:

IN WITNESS WHEREOF, the parties to these presents have hereunto set their hand and seal; the Mayor of the City of Mobile, acting under and by virtue of such office and with full authority, and the Contractor by such duly authorized officers or individuals as may be required by law.

OWNER: City of Mobile

_____
Signature

Williams S. Stimpson
Mayor, City of Mobile

SERVICE CONTRACTOR:

_____
Signature

_____
Printed Name and Title

(Corporate Seal if applicable)

ATTEST:

_____
City Clerk

_____
Brad Christensen, Director
Real Estate Asset Management

ATTEST:

_____
Signature

_____
Printed Name and Title

EXHIBIT A

SCOPE OF WORK
SR-009-20 - Environmental Remediation
Mobile Police Department Headquarters Building
October 23, 2019

Scope of Services: Furnish all labor, materials, tools, equipment, and supplies and to sustain all the expenses incurred in performing the work to remediate the Basement, First, and Second floors of the Mobile Police Department Headquarters Building.

General:

1.) Conduct the environmental remediation per AeroStar SES Remediation Protocols (See attached Exhibit B – Indoor Air Quality Assessment) based on the collection samples:
2.) Provide all standard and proper Personal Protective Equipment (PPEs) to be used at all times by Service Contractor's employees and other individuals entering the building.
3.) Remediation work shall be in accordance with Environmental Protection Agency (EPA), Institute of Inspection and Restoration (IICRC), or other documented methodology.
5.) Furnish, install and maintain air scrubbers to achieve four (4) air changes per hour minimum, in the location where the remediation work is occurring and at least Twenty-Four (24) hours after the work is completed.
6. Furnish, install and maintain all scaffolding as required to complete remediation activities, if needed. Install plywood or other suitable material under scaffolding supports to protect floor surfaces and distribute loads. Scaffolding and equipment shall not exceed allowable finish floor live loads. Coordinate with Owner's Project Manager prior to installing any scaffolding, if required.
7.) Service Contractor shall be responsible for all remediation means, methods, techniques, sequences and procedures and for coordinating all portions of the Work. Service Contractor shall be fully and solely responsible for jobsite safety.
8.) On-site parking, delivery, and loading/unloading will be coordinated Owner's Project Manager in cooperation with the Mobile Police Department.
9.) Service Contractor shall be allowed to use Facility power and water as necessary for remediation activities.
10.) Service Contractor shall confine operations at the site to areas permitted by the City of Mobile. Service Contractor shall coordinate the Service Contractor's operations with, and secure the approval of Owner's Project Manager
11.) Service Contractor shall keep the Project Site clean and shall remove trash and debris daily. At the completion of the work, Service Contractor shall remove all tools, equipment and debris and leave facility clean.
12.) Service Contractor shall be responsible for any damage to existing surfaces, furniture, fixtures or equipment. Repairs or replacement of damaged surfaces, furniture, fixtures or equipment shall be at Service Contractor's sole expense.
13.) This is NOT a tax exempt project. All applicable sales and use taxes shall be included in the Contract Amount.

Products:

1.) Provide detergents, disinfectants and other cleaning products appropriate for surfaces being cleaned. Use cleaning products in accordance with manufacturers printed instructions.

Execution:

1. Basement - Property Office Center
    a. Protect all flooring, furniture, fixtures and equipment during remediation by covering with protective barrier prior to beginning work.
    b. Set up containment.
    c. HEPA vacuum all ceilings, walls, floors, molding and trim, furniture, and equipment as required.
    d. HEPA vacuum all HVAC registers and return air grills.
    e. Wipe all affected surfaces as required with mild cleaning solution, per standard protocols.
    f. Apply disinfectant.
    g. Areas to be cleaned/disinfected shall include walls, ceilings, floors, molding and trim, doors, windows, furniture, drapes, lighting fixtures, and other surfaces and equipment as required.
    h. Final clean – HEPA vacuum all surfaces.

2. Basement – Sgt. Sherrod's Office
    a. Protect all flooring, furniture, fixtures and equipment during remediation by covering with protective barrier prior to beginning work.
    b. Set up containment.
    c. HEPA vacuum all ceilings, walls, floors, molding and trim, furniture, and equipment as required.
    d. HEPA vacuum all HVAC registers and return air grills.
    e. Wipe all affected surfaces as required with mild cleaning solution, per standard protocols.
    f. Apply disinfectant.
    g. Areas to be cleaned/disinfected shall include walls, ceilings, floors, molding and trim, doors, windows, furniture, drapes, lighting fixtures, and other surfaces and equipment as required.
    h. Final clean – HEPA vacuum all surfaces.

3. Basement – Chiller Pump Room
    a. Protect all flooring, furniture, fixtures and equipment during remediation by covering with protective barrier prior to beginning work.
    b. Set up containment.
    c. HEPA vacuum all ceilings, walls, floors, molding and trim, furniture, and equipment as required.
    d. HEPA vacuum all HVAC registers and return air grills.
    e. Wipe all affected surfaces as required with mild cleaning solution, per standard protocols.
    f. Apply disinfectant.

g. Areas to be cleaned/disinfected shall include walls, ceilings, floors, molding and trim, doors, windows, furniture, drapes, lighting fixtures, and other surfaces and equipment as required.
h. Final clean – HEPA vacuum all surfaces.

4. Second Floor – Room 212E
    a. Protect all flooring, furniture, fixtures and equipment during remediation by covering with protective barrier prior to beginning work.
    b. Set up containment.
    c. HEPA vacuum all ceilings, walls, floors, molding and trim, furniture, and equipment as required. A deep cleaning of the carpet will be required.
    d. HEPA vacuum all HVAC registers and return air grills.
    e. Wipe all affected surfaces as required with mild cleaning solution, per standard protocols.
    f. Apply disinfectant.
    g. Areas to be cleaned/disinfected shall include walls, ceilings, floors, molding and trim, doors, windows, furniture, drapes, lighting fixtures, and other surfaces and equipment as required.
    h. Disinfect, sanitize, and remove any visible growth on windows and window ledges/sills.
    i. Final clean – HEPA vacuum all surfaces.

5. Second Floor – Personnel Office
    a. Protect all flooring, furniture, fixtures and equipment during remediation by covering with protective barrier prior to beginning work.
    b. Set up containment.
    c. HEPA vacuum all ceilings, walls, floors, molding and trim, furniture, and equipment as required. A deep cleaning of the carpet will be required.
    d. HEPA vacuum all HVAC registers and return air grills.
    e. Wipe all affected surfaces as required with mild cleaning solution, per standard protocols.
    f. Apply disinfectant.
    g. Areas to be cleaned/disinfected shall include walls, ceilings, floors, molding and trim, doors, windows, furniture, drapes, lighting fixtures, and other surfaces and equipment as required.
    h. Disinfect, sanitize, and remove any visible growth on windows and window ledges/sills.
    i. Final clean – HEPA vacuum all surfaces.

6. Evidence Trailer
    a. Protect all flooring, furniture, fixtures and equipment during remediation by covering with protective barrier prior to beginning work.
    b. Set up containment.
    c. HEPA vacuum all ceilings, walls, floors, molding and trim, furniture, and equipment as required.
    d. HEPA vacuum all HVAC registers and return air grills.
    e. Wipe all affected surfaces as required with mild cleaning solution, per standard protocols.

f. Apply disinfectant.
g. Areas to be cleaned/disinfected shall include walls, ceilings, floors, molding and trim, doors, windows, furniture, drapes, lighting fixtures, and other surfaces and equipment as required.
h. Disinfect, sanitize, and remove any visible growth on windows and window ledges/sills.
i. Final clean – HEPA vacuum all surfaces.

7. HVAC Registers and Return-Air Grills on all Three (3) Floors
    a. Identify any HVAC registers and return-air grills with visible growth, dust accumulation, and/or dirt accumulation.
    b. HEPA vacuum all HVAC registers and return air grills, as needed.
    c. Wipe all affected surfaces as required with mild cleaning solution, per standard protocols.
    d. Apply disinfectant.
    e. Final clean – HEPA vacuum all surfaces.

8. Windows – Floors 1 and 2
    a. Identify any windows and window sills with visible growth, dust accumulation, and/or dirt accumulation.
    b. HEPA vacuum windows and window sills, as needed.
    c. Wipe all affected surfaces as required with mild cleaning solution, per standard protocols.
    d. Apply disinfectant.
    e. Final clean – HEPA vacuum all surfaces.

Additional Services:

If, during the course of the work, an unforeseen condition arises, the Contractor will immediately provide the Owner's Project Manager with a written report to include detailed description and cost estimate for additional work required. No work may be performed without written approval by Owner.

END OF SECTION

EXHIBIT B

INDOOR AIR QUALITY ASSESSMENT
POLICE HEADQUARTERS (HQ)
2460 GOVERNMENT STREET
MOBILE, MOBILE COUNTY, ALABAMA

PREPARED FOR:

Ms. Ray Richardson
Environmental Manager
City of Mobile
205 Government Street
Mobile, Alabama 36606

PREPARED BY:

Aerostar SES LLC, Inc.
820 South University Boulevard, Suite 3H
Mobile, Alabama 36609
(251) 432-2664

Aerostar SES LLC

Aerostar Project #: M3010.1437.0006.27

October 4, 2019

SIGNATURE OF ENVIRONMENTAL PROFESSIONALS

This is to certify the Indoor Air Quality Assessment report prepared for activities conducted at **Police Headquarters (HQ), located at 2460 Government Street, Mobile, Mobile County, Alabama**, has been examined by the undersigned.

DATE: October 4, 2019 **SIGNATURE:** _____

Kerry Meaux
Senior Project Manager

DATE: October 4, 2019 **SIGNATURE:** _____

John Hubbard, CSP
Industrial Hygiene Manager

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FIGURES

APPENDICES

1.0 INTRODUCTION

Aerostar SES LLC (Aerostar) is pleased to provide the results of the indoor air quality (IAQ) assessment conducted at the above referenced site. The site consists of a 37,760-square foot building used as the Police Headquarters (HQ) located at 2460 Government Street, Mobile, Mobile County, Alabama. The Police HQ has three floors including a basement. The building is conditioned by a heating, ventilation, and air conditioning (HVAC) system.

2.0 BACKGROUND

According to information provided by Ms. Ray Richardson, Environmental Manager for the City of Mobile, workers have been voicing their concerns about poor air quality within the building. Water intrusion and mold-type odors have been reported throughout the building. In addition, conditions are reported to be particularly poor in the evidence storage room, located in the basement of the building. Ms. Richardson requested Aerostar perform an IAQ evaluation and sampling for mold and Volatile Organic Compounds (VOCs) throughout the structure, hereafter referred to as the assessment area.

3.0 REGULATORY SUMMARY

3.1 Environmental Protection Agency

The Environmental Protection Agency (EPA) Office of Air and Radiation, Indoor Environments Division has published *Mold Remediation in Schools and Commercial Buildings* (EPA 402-K-01-001) which provides guidelines for evaluating and remediating mold. The document was published to serve as a reference for potential mold and moisture remediators. There are currently no EPA regulations or standards for mold assessment or remediation.

3.2 Occupational Safety and Health Administration

The Occupational Safety and Health Administration (OSHA) has published *A Brief Guide to Mold in the Workplace* (Safety and Health Information Bulletin 03-10-10, updated 11-08-13) which provides guidelines for worker protection and recommendations for engineering and administrative controls to reduce the risk of exposure to workers and building occupants. There are currently no OSHA standards or regulations which specifically address worker protection in regards to the presence of mold or during mold remediation activities.

3.3 Institute of Inspection, Cleaning and Restoration Certification

The Institute of Inspection, Cleaning and Restoration Certification (IICRC) has developed the *Standard for Professional Mold Remediation* (S520) and *Reference Guide for Professional Mold Remediation* (R520) as guidance documents to assist mold remediation professionals in developing strategies for mold remediation. The IICRC's documents are not intended to be enforceable regulation and were developed to provide mold and water restoration professionals with decision making tools.

3.4 State of Alabama

The state of Alabama has no current regulations or standards for the mold industry. The Alabama Public Health Department's IAQ Program provides technical support to individuals based on the EPA's Mold and Moisture Control guidelines. Additionally, the state of Alabama does not currently require licensure for firms conducting assessment or remediation activities.

4.0 ASSESSMENT ACTIVITIES AND RESULTS

On August 20 and 21, 2019, Aerostar personnel performed a visual inspection of the building, an IAQ assessment, mold inspection, and air sampling for mold and VOCs within accessible areas throughout the building. At the time of the assessment, the building was occupied. Weather conditions were partly cloudy, temperatures in the upper 80 degrees Fahrenheit (°F), and humid.

4.1 Observations

Aerostar conducted a site inspection to evaluate for potential conditions which may impact IAQ, indications of water intrusion, and the presence of mold and water-damaged building materials. The following describes findings and building conditions noted during the inspection:

- The assessment area has an active HVAC system consisting of a multi-zone heating and cooling system. An air handling unit (AHU) with a pleated filter is located in the Homicide Evidence Storage Room in the basement. The AHU and filter appeared to have been recently installed and were visibly clean and in good condition. An AHU with a fiberglass, mesh filter is located in the hallway on the east side of the first floor; AHUs with fiberglass, mesh filters are located in the Former Records Room and Youth Services Office on the west side of the first floor; an AHU with a fiberglass, mesh filter is located in the Planning and Research Unit Area on the west side of the second floor; and an AHU with a fiberglass, mesh filter is located in the Identification Room on the east side of the second floor. These units appeared to be relatively old with heavy dust, debris and some mold visible. The filters in these units were visibly clean and free of dust and debris.
- Visible, suspect mold was observed on chairs and the HVAC supply registers (vents) near the ceiling in Sergeant Sherrod Phillips' Office in the basement.
- Visible, suspect mold was observed on the HVAC supply registers (vents) on the ceiling in the Property Office Center in the basement.
- Visible, suspect mold was observed on the inside window sill near the glass in the Payroll/Personnel Office on the west side of the second floor. The windows were reported to leak when it rains as a result of what appears to be poor caulking.
- Staining was observed on the carpet in the Interview Room on the west side of the second floor.
- Two water-stained ceiling tiles were observed in the Identification Room on the east side of the second floor. No obvious water intrusion was noted.
- Visible, suspect mold was observed on the widows, near caulk joints in Office 212E on the east side of the second floor.
- Visible, suspect mold was observed on the HVAC supply vent in the evidence trailer. A strong mold odor was noted.

- No visual, suspect mold or signs of water intrusion were noted in any of the other areas inspected.

Visible mold locations are depicted on Figures 1-3. Site photographs are included in Appendix A.

4.2 Indoor Air Quality

Aerostar personnel used a calibrated TSI IAQ-Calc IAQ meter to record temperature, relative humidity (RH), and carbon dioxide readings at each air sampling point and from outside the structure.

IAQ readings collected from the assessment area were compared to the American Society of Heating, Refrigeration, and Air-Conditioning Engineers (ASHRAE) Standard 62.1-2013 *Ventilation for Acceptable Indoor Air Quality* and ASHRAE Standard 55-2004 *Thermal Environmental Conditions for Human Occupancy*. The readings are used to evaluate for conditions that may provide an environment for mold proliferation and evaluate the operation of the HVAC system.

Temperature readings recorded throughout much of the assessment area were below the recommended range. Relative humidity levels were within the recommended range in all areas with the exception of Sergeant Sherrod Phillips' Office and the Property Office Center in the basement. Carbon dioxide levels were within the recommended range with the exception of Purchasing and Receiving, Captain Billie Rowland's Office, Room 128E, Major Linda Tims' Office, and the Chief of Staff Lobby on the east side of the first floor and the Payroll/Personnel Office on the west side of the second floor.

IAQ readings are presented in Table 1. IAQ sample locations are shown on Figures 4-8.

4.3 Air Sampling for Mold

Air sampling for mold spore concentrations consisted of collecting spore trap air samples using Air-O-Cell™ impactor slide cassettes to provide an approximation of airborne microbial spore concentrations within the assessment area and from outside the structure. The sample pump was calibrated to draw 15 liters per minute (lpm) of air with a precision rotometer calibrated in reference to a primary calibration device. The Air-O-Cell™ cassettes are designed to operate at an optimal flow rate of 15 lpm according to the manufacturer. Samples were collected for 10 minutes at a flow rate of 15 lpm for a total volume of 150 liters per the manufacturer's recommendations.

A total of 33 three spore trap air samples (31 within the assessment area and 2 outside the structure) were collected and analyzed as part of this investigation. The samples were sent to EMSL Analytical, Inc., (EMSL) in Orlando, Florida, for analysis of airborne fungal spores and other airborne particulates. EMSL is accredited by the American Industrial Hygiene Association (AIHA) and the Environmental Microbiology Laboratory Accreditation Program (EMLAP).

The airborne spore concentrations reported for samples collected within the assessment area were compared to the air sample collected outdoors. According to the EPA, Office of Air and Radiation, Indoor Environments Division's Publication *Mold Remediation in Schools and Commercial Buildings, September 2008,* the types and concentrations of mold in indoor air samples should be similar to or less than what is found in the local outdoor air.

The total spore count concentration reported for samples 2460-12 (Sergeant Sherrod Phillips' Office), 2460-13 (Chiller Pump Room), 2460-14 (Property Office Center), and 2460-15 (Misdemeanor Evidence Room) located in the basement were above the total spore count concentration reported outside the structure on the day the samples were collected. The total spore count concentrations reported in all other samples collected inside the assessment area were below the total spore count concentrations reported outside the structure. The ratio of indoor to outdoor spore concentration was between 0.012 and 3.38.

Individual particulate concentrations reported in the samples collected within the assessment area were compared to the respective outdoor sample. Elevated indoor, individual particulate concentrations were detected in relation to respective outdoor concentrations. The lower levels of certain spores and particulates identified in indoor samples compared to the respective outdoor sample indicate the HVAC system is filtering spores and particulates out of the air. Elevated levels of individual spores, specifically *Aspergillus/Penicillium* and *Cladosporium*, indicate mold amplification is occurring.

The spore trap air sampling results showing total fungi concentrations and the indoor to outdoor ratios are summarized in Table 2. Sample locations are included on Figures 4-8. Laboratory credentials are provided in Appendix B. A copy of the laboratory analytical results, with the appropriate Chain-of-Custody Record, is included as Appendix C.

4.4 Air Sampling for VOCs

Aerostar collected six air samples using a 6-liter summa canister over an approximate 8-hour period for laboratory analysis. The sample inlet ports for the samples were placed at the breathing zone height of 3 to 5 feet above ground surface. The samples were analyzed for Total Hydrocarbons (THC) as Gasoline and VOCs by the EPA Modified TO-15 method. The air samples were collected in laboratory-provided canisters, transported under chain-of-custody to Pace Analytical Services, LLC laboratory (Pace) in Minneapolis, Minnesota. Pace is an American Association for Laboratory Accreditation (A2LA)-accredited laboratory for environmental testing. Laboratory credentials are included in Appendix B.

The following air samples were collected as part of this assessment:

- Air sample 2460-1 VOC was collected in the Property Office Center located in the basement.
- Air sample 2460-2 VOC was collected in the Evidence Room located in the basement.
- Air sample 2460-3 VOC was collected in the Former Records Room located on the west side of the first floor.

- Air sample 2460-4 VOC was collected in the Records Room located on the east side of the first floor.
- Air sample 2460-5 VOC was collected in the Common Area located on the west side of the second floor.
- Air sample 2460-6 VOC was collected in Room 231E located on the east side of the second floor.

Results of the air sample concentrations were compared to the OSHA permissible exposure limits (PELs) found in standard 1910.1028 (benzene), 1910.1052 (methylene chloride), and standard 1910.1000 in Tables Z-1 and Z-2, Limits for Air Contaminants. THC as Gas is a total of specific analytes reported in the TO-15 list that are in the C4-C10 hydrocarbon range. No federal standards have been established for THC as Gas. All air concentrations reported for all constituents were below their respective OSHA PEL standard. Sample locations are included on Figures 4-8. Air sampling laboratory results are summarized in Table 3.

A supplemental laboratory report was issued in parts per million volume [ppmv]) for the purpose of evaluating air sample concentrations to OSHA PELs which are reported in ppmv. A copy of the laboratory analytical results, with the appropriate Chain-of-Custody Record, is included as Appendix C.

5.0 LIMITATIONS

Aerostar has prepared this IAQ assessment report for the City of Mobile, hereafter referred to as the Client. No IAQ inspection can eliminate all uncertainty. Professional judgment and interpretation are inherent in the process and uncertainty is inevitable. Even when sampling is executed with an appropriate site-specific standard of care, certain conditions present especially difficult detection problems. Such conditions may include, but are not limited to, physical limitations imposed by the location and accessibility of suspect water damage and mold, and the limitations of assessment technologies. Only reasonably accessible areas in limited portions of the building units were surveyed as part of this investigation. Aerostar is not responsible for possible water and/or mold damaged materials that were inaccessible and/or not located or any consequential damages as a result thereof.

Measurements and sampling data only represent the site conditions at the time of the data collection. Aerostar makes no legal representations whatsoever concerning any matter including, but not limited to, ownership of any property or the interpretation of any law. Aerostar further disclaims any obligations to update the report for events taking place after the time during which the assessment was conducted.

This report is not a comprehensive site characterization and should not be construed as such. The opinions presented in this report are based upon the findings derived from the samples collected.

The scope of work performed herein was limited to an IAQ inspection, sample collection, and laboratory analysis of only the samples collected at the time of inspection. Aerostar has endeavored to meet what it believes is the applicable standard of care, and, in doing so, is

obliged to advise the Client of the limitations. Aerostar believes that providing information about limitations is essential to help the Client identify and thereby manage its risks. Through additional testing, these risks can be mitigated - but they cannot be eliminated. Aerostar will, upon request, advise the Client of the additional research opportunities available, their impact, and their cost.

As noted above, the IAQ investigation activities conducted at the referenced site and this report was prepared for the use solely by the Client. This report shall not be relied upon by or transferred to any other party without the express written authorization of Aerostar.

6.0 CONCLUSIONS AND RECOMMENDATIONS

Aerostar has completed IAQ assessment activities and sampling for mold within the Police Headquarter (HQ), 2460 Government Street, Mobile, Mobile County, Alabama.

6.1 Conclusions

Visible mold, water staining, and mold odors were noted throughout the building in specified areas. Dust, debris, and suspect mold were observed on various AHUs, supply registers, and vents.

Temperature readings recorded throughout much of the assessment area were below the recommended range; however, the temperature range was developed base on occupant comfort, and is not considered a health risk. RH levels were within the recommended range in all areas with the exception of Sergeant Sherrod Phillips' Office and the Property Office Center in the basement. Elevated RH may provide the required conditions for mold proliferation and should be controlled by HVAC settings. Carbon dioxide levels were within the recommended range with the exception of Purchasing and Receiving, Captain Billie Rowland's Office, Room 128E, Major Linda Tims' Office, and the Chief of Staff Lobby on the east side of the first floor and the Payroll/Personnel Office on the west side of the second floor. Low temperatures indicate the HVAC system is properly distributing air; the elevated carbon dioxide readings may be due to the lack of fresh air being incorporated into the HVAC system.

The total spore count concentration reported for samples 2460-12 (Sergeant Sherrod Phillips' Office), 2460-13 (Chiller Pump Room), 2460-14 (Property Office Center), and 2460-15 (Misdemeanor Evidence Room) located in the basement were above the total spore count concentration reported outside the structure on the day the samples were collected. The ratio of indoor to outdoor spore concentration was between 0.012 and 3.38. Elevated indoor, individual particulate concentrations were detected in relation to outdoor concentrations. The lower levels of certain spores and particulates identified in indoor samples compared to the respective outdoor sample indicate the HVAC system is filtering spores and particulates out of the air. Elevated levels of individual spores, specifically *Aspergillus/Penicillium* and *Cladosporium*, indicate mold amplification is occurring.

All air sample concentrations reported for tested constituents were below their respective OSHA PEL standard.

6.2 Recommendations

Aerostar identified mold-impacted materials through a visual assessment. Aerostar recommends remediation (removal and/or cleaning) of mold-impacted materials following EPA, IICRC, or other documented methodology. Doors to the exterior of the building should be properly sealed and fully closed. Preventing outdoor air from entering the building aids in the reduction of available moisture in the form of condensation on surfaces where hot and cold air meet. All sources of water intrusion should be eliminated.

Total spore count concentrations and humidity were specifically high in the basement. The elimination of all mold and mold spores in the indoor environment is impossible; however, mold growth can be controlled indoors by controlling moisture and through general housekeeping procedures. Aerostar recommends lowering and/or controlling relative humidity by consulting with a licensed HVAC contractor to evaluate HVAC unit size, quantity, makeup of the air (to evaluate high carbon dioxide levels), and/or whether the addition of a dehumidifier may be necessary to lower relative humidity to a more manageable level. Cleaning of the HVAC system components by a licensed HVAC contractor and the use of pleated filters with the highest minimum efficiency reporting value (MERV) rating can aid in the reduction of particulate concentrations and indoor mold spores. Additionally, buildup of dust and debris on all HVAC components and any other surfaces should be cleaned. Regular HVAC system maintenance, including regular filter changes and ensuring drip pans are properly draining, will also help reduce indoor humidity and the accumulation of dust and debris. Continued appropriate housekeeping activities should occur regularly to prevent buildup of dust and debris on surfaces.

Once mold impacted materials have been remediated, the HVAC system (including AHUs) has been cleaned, and the humidity has been lowered to a more manageable level, Aerostar recommends collecting additional microbial air samples, specifically in the basement) to determine if the total spore count concentrations have been reduced to an acceptable level.

TABLES

Table 1
Air Quality Parameters and Results
Police Headquarters (HQ)
2460 Government Street
Mobile, Mobile County, Alabama

IAQ Sample Number	Location	Temperature (°F)*	Relative Humidity (%)**	Carbon Dioxide (ppm)
Air Quality Standards		**73 - 79 (summer) 68-75 (winter)**	**<65**	**<1000**
2460-1-Outside	Exterior, Near Main Entrance of the Building, South Side	89.2	65	340
2460-2	West Side of First Floor, Former Records Room	75	50.5	850
2460-3	West Side of First Floor, Youth Services Office	73.8	48.2	730
2460-4	East Side of First Floor, Records Room	**71.4**	45.6	996
2460-5	East Side of First Floor, Purchasing and Receiving	**72.1**	42.3	**1025**
2460-6	East Side of First Floor, Captain Billie Rowland's Office	**72**	50	**1100**
2460-7	East Side of First Floor, Room 128E	74.3	47.3	**1040**
2460-8	East Side of First Floor, Room 118E	73.4	51.8	995
2460-9	East Side of First Floor, Major Linda Tims' Office	**71.5**	57.5	**1475**
2460-10	West Side of First Floor, Room 110	**71.2**	48.2	760
2460-11	East Side of First Floor, Chief of Staff Lobby	**72.1**	53.3	**1120**
2460-12	Basement, Sgt. Sherrod Phillips' Office	75	**71**	634
2460-13	Basement, Chiller Pump Room	78.4	61.4	559
2460-14	Basement, Property Office Center	75.2	**66.2**	568
2460-15	Basement, Misdemeanor Evidence Storage Room	**70.9**	62.4	510
2460-16	Basement, Evidence Room	**71.1**	49.8	551
2460-17	Basement, Gun Evidence Storage Area	**69.3**	56.6	575
2460-18	Basement, Major Crimes Evidence Room	73.3	64.2	547
2460-19	Basement, Homicide Evidence Storage Room	**71.7**	51.7	510
2460-20	Basement, Secondary Crime Storage Room	75	51.3	587
2460-21	Basement, Common Area	76.1	59.6	549

Table 1
Air Quality Parameters and Results
Police Headquarters (HQ)
2460 Government Street
Mobile, Mobile County, Alabama

IAQ Sample Number	Location	Temperature (°F)*	Relative Humidity (%)**	Carbon Dioxide (ppm)
Air Quality Standards		**73 - 79 (summer) 68-75 (winter)**	**<65**	**<1000**
2460-22-Outside	Exterior, Near Southwest Corner of the Building	86	**71**	327
2460-23	West Side of Second Floor, Payroll/Personnel Office	74.3	47	**1066**
2460-24	West Side of Second Floor, Planning and Research Unit Area	**69.8**	45.1	820
2460-25	West Side of Second Floor, Interview Room	**69**	47	820
2460-26	West Side of Second Floor, Public Information Office	**72**	48.9	834
2460-27	West Side of Second Floor, Common Area	73.2	47.5	840
2460-28	West Side of Second Floor, Joint Operations Command Room	73	47	850
2460-29	East Side of Second Floor, Identification Room	73.6	48	860
2460-30	East Side of Second Floor, Break Room/Kitchen	**69.4**	51.1	840
2460-31	East Side of Second Floor, Room 212E	**71.1**	54	833
2460-32	East Side of Second Floor, Room 231E	**71.5**	51	950
2460-33	East Side of Second Floor, Evidence Trailer	**72**	63.7	388

* ASHRAE Standard 55-2004, *Thermal Environmental Conditions for Human Occupancy*

** ASHRAE Standard 62.1-2013, *Ventilation for Acceptable Indoor Air Quality*

Bolded items are outside the recommended range

Table 2
Spore Trap Sample Results
Police Headquarters (HQ)
2460 Government Street
Mobile, Mobile County, Alabama

Sample Identification	Sample location	Total Fungi Concentration (Count/m³)	Indoor/ Outdoor Ratio
DAY 1			
2460-1 Outside	Exterior, Near Main Entrance of the Building, South Side	5,401	1
2460-2	West Side First Floor, Former Records Room	520	0.096
2460-3	West Side of First Floor, Youth Services Office	404	0.075
2460-4	East Side of First Floor, Records Room	184	0.034
2460-5	East Side of First Floor, Purchasing and Receiving	180	0.033
2460-6	East Side of First Floor, Captain Billie Rowland's Office	410	0.076
2460-7	East Side of First Floor, Room 128E	174	0.032
2460-8	East Side of First Floor, Room 118E	187	0.035
2460-9	East Side of First Floor, Major Linda Tims' Office	207	0.038
2460-10	West Side of First Floor, Room 110	154	0.029
2460-11	East Side of First Floor, Chief of Staff Lobby	360	0.067
DAY 2			
2460-22 Outside	Exterior, Near Southwest Corner of the Building	2,314	1
2460-12	Basement, Sgt. Sherrod Phillips' Office	**7,821**	**3.38**
2460-13	Basement, Chiller Pump Room	**3,494**	**1.51**
2460-14	Basement, Property Office Center	**4,174**	**1.804**
2460-15	Basement, Misdemeanor Evidence Storage Room	**2,977**	**1.287**
2460-16	Basement, Evidence Room	507	0.219
2460-17	Basement, Gun Evidence Storage Area	610	0.264
2460-18	Basement, Major Crimes Evidence Room	1,187	0.513
2460-19	Basement, Homicide Evidence Storage Room	537	0.232
2460-20	Basement, Secondary Crime Storage Room	577	0.249

Table 2
Spore Trap Sample Results
Police Headquarters (HQ)
2460 Government Street
Mobile, Mobile County, Alabama

Sample Identification	Sample location	Total Fungi Concentration (Count/m³)	Indoor/ Outdoor Ratio
2460-21	Basement, Common Area	1,830	0.791
2460-23	West Side of Second Floor, Payroll/Personnel Office	300	0.129
2460-24	West Side of Second Floor, Planning and Research	160	0.069
2460-25	West Side of Second Floor, Interview Room	560	0.242
2460-26	West Side of Second Floor, Public Information Office	300	0.13
2460-27	West Side of Second Floor, Common Area	140	0.061
2460-28	West Side of Second Floor, Joint Operations Command Room	60	0.026
2460-29	East Side of Second Floor, Identification Room	91	0.039
2460-30	East Side of Second Floor, Break Room/Kitchen	27	0.012
2460-31	East Side of Second Floor, Room 212E	220	0.095
2460-32	East Side of Second Floor, Room 231E	100	0.043
2460-33	East Side of Second Floor, Evidence Trailer	120	0.052

Count/m^3 = Spore count per cubic meter of air

TABLE 3
AIR SAMPLE ANALYTICAL SUMMARY
Police Headquarters (HQ)
2460 Government Street
Mobile, Mobile County, Alabama

OSHA = Occupational Safety and Health Administration
ppmv = parts per million volumn mg/m^3 = milligrams per cubic meter of air
ND = Not Detected at or above adjusted reporting limit N/A = Not Analyzed
Bold = Concentration exceeds OSHA PEL Standard

MEK = 2-Butanone
MIBK = 4-Methyl-2-Pentanone
-- = No OSHA Permissible Exposure Limit
PEL = Permissible Exposure Limit

Sample No.	Date Collected	Acetone (ppmv)	Benzene (ppmv)	MEK (ppmv)	Carbon Disulfide (ppmv)	Chloroform (ppmv)	Chloromethane (ppmv)	Cyclohexane (ppmv)	1,4-Dichloro-benzene (ppmv)	Dichlorodi-fluoromethane (ppmv)
OSHA PERMISSIBLE EXPOSURE LIMIT (ppmv)		**1,000**	**1**	**200**	**20**	**50**	**100**	**300**	**50**	**1,000**
2460-1 VOC	8/21/2019	0.019	0.0003	0.0016	0.034	0.00016	0.00067	ND	0.018	0.0005
2460-2 VOC	8/21/2019	0.021	0.00025	ND	ND	0.00028	0.00076	0.001	0.032	0.00052
2460-3 VOC	8/21/2019	0.07	0.00034	0.0019	0.00041	0.00046	0.00067	ND	0.073	0.00048
2460-4 VOC	8/21/2019	0.051	0.00028	0.0023	0.00041	0.00048	0.00076	0.0016	0.078	0.0005
2460-5 VOC	8/21/2019	0.027	0.00027	ND	0.00051	0.00024	0.00057	0.00083	0.062	0.00054
2460-6 VOC	8/21/2019	0.04	0.00025	0.0062	0.0018	0.0003	0.00076	0.0011	0.047	0.00052

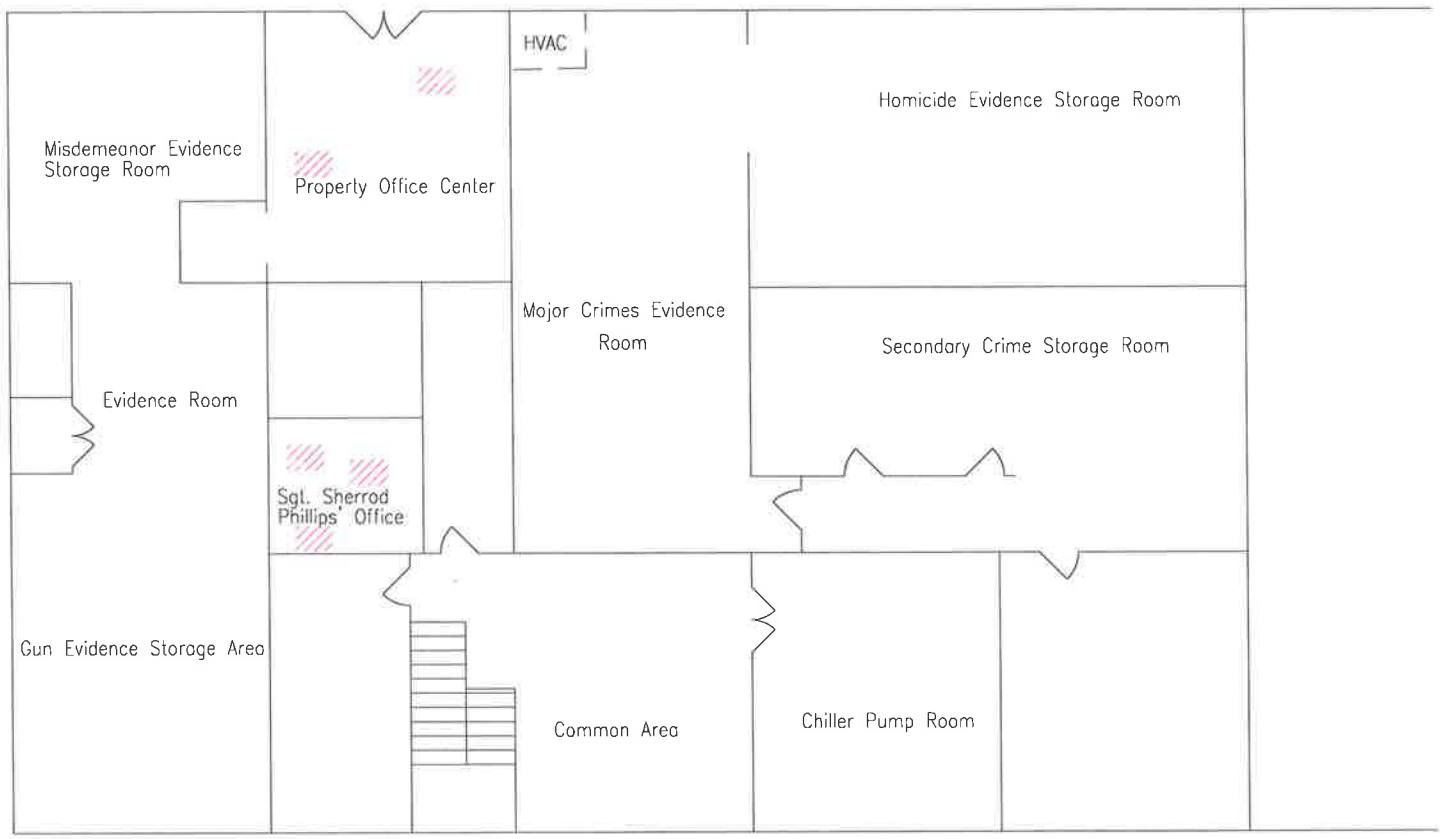
Sample No.	Date Collected	1,2-Dichloro-ethane (ppmv)	Ethanol (ppmv)	Ethyl acetate (ppmv)	n-Heptane (ppmv)	n-Hexane (ppmv)	Methylene Chloride (ppmv)	MIBK (ppmv)	2-Propanol (ppmv)	Propylene (ppmv)
OSHA PERMISSIBLE EXPOSURE LIMIT (ppmv)		**50**	**1,000**	**400**	**500**	**500**	**25**	**100**	**400**	**--**
2460-1 VOC	8/21/2019	ND	0.26	0.00055	0.0011	0.0012	ND	ND	0.0073	0.0019
2460-2 VOC	8/21/2019	ND	0.085	0.00057	0.00079	0.00059	ND	ND	0.0052	ND
2460-3 VOC	8/21/2019	0.00023	0.19	0.00079	0.0011	0.0007	ND	ND	0.014	ND
2460-4 VOC	8/21/2019	0.00022	0.41	0.0006	0.00082	0.0011	0.0038	ND	0.01	ND
2460-5 VOC	8/21/2019	0.00036	0.095	0.00055	0.00048	0.006	0.044	ND	0.015	ND
2460-6 VOC	8/21/2019	0.00058	0.16	0.00071	0.00065	0.00061	ND	0.0016	0.012	ND

Sample No.	Date Collected	Styrene (ppmv)	Tetrachloro-ethene (ppmv)	Tetrahydrofuran (ppmv)	THC as Gas (mg/m^3)	Toluene (ppmv)	Trichloro-fluoromethane (ppmv)	1,2,4-Tri-methylbenzene (ppmv)	Xylene (m&p) (ppmv)	Xylene (o) (ppmv)
OSHA PERMISSIBLE EXPOSURE LIMIT (ppmv)		**100**	**100**	**200**	**--**	**200**	**1,000**	**--**	**100**	**100**
2460-1 VOC	8/21/2019	ND	0.00036	ND	0.906	0.002	ND	ND	0.00088	ND
2460-2 VOC	8/21/2019	ND	0.00026	ND	0.668	0.002	ND	0.00028	0.00091	0.00029
2460-3 VOC	8/21/2019	0.00032	ND	0.00073	1.4	0.0017	ND	0.00032	0.00093	0.00032
2460-4 VOC	8/21/2019	0.00042	ND	0.00067	2.24	0.0016	ND	0.0003	0.00084	0.00032
2460-5 VOC	8/21/2019	ND	0.00073	ND	1.04	0.002	0.0003	0.0003	0.00075	ND
2460-6 VOC	8/21/2019	0.0003	0.00075	0.0075	0.831	0.0018	ND	0.00044	0.00093	0.00034

FIGURES

LEGEND

VISIBLE MOLD LOCATION



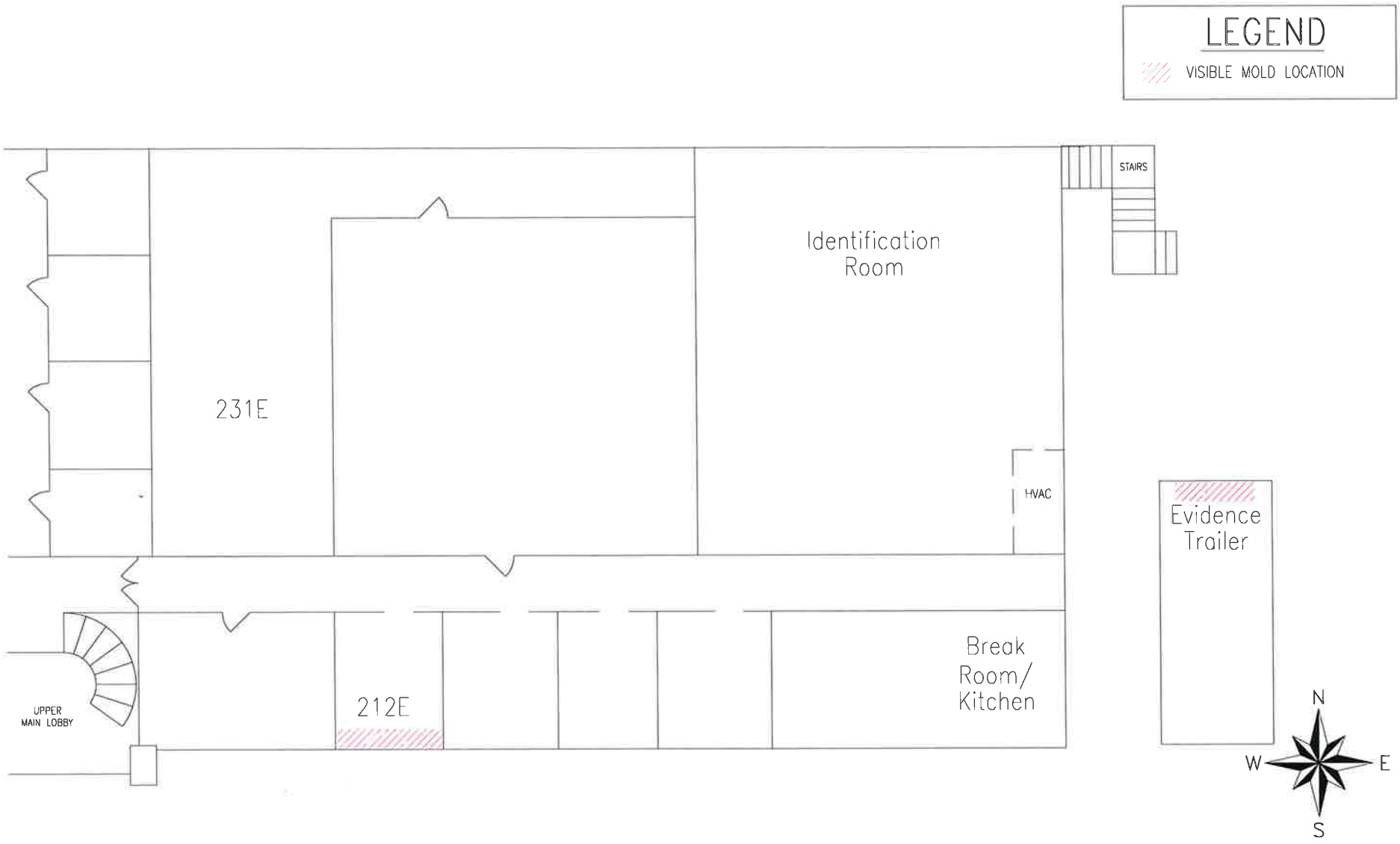
JOB: M3010.1437.0006.27

FIGURE 1: VISIBLE MOLD LOCATION MAP – BASEMENT

Aerostar SES LLC

POLICE HEADQUARTERS (HQ)
2460 GOVERNMENT STREET
MOBILE, MOBILE COUNTY, ALABAMA

SCALE: NOT TO SCALE
DATE: SEPTEMBER 2019
REVIEWED: M. STEVENSON



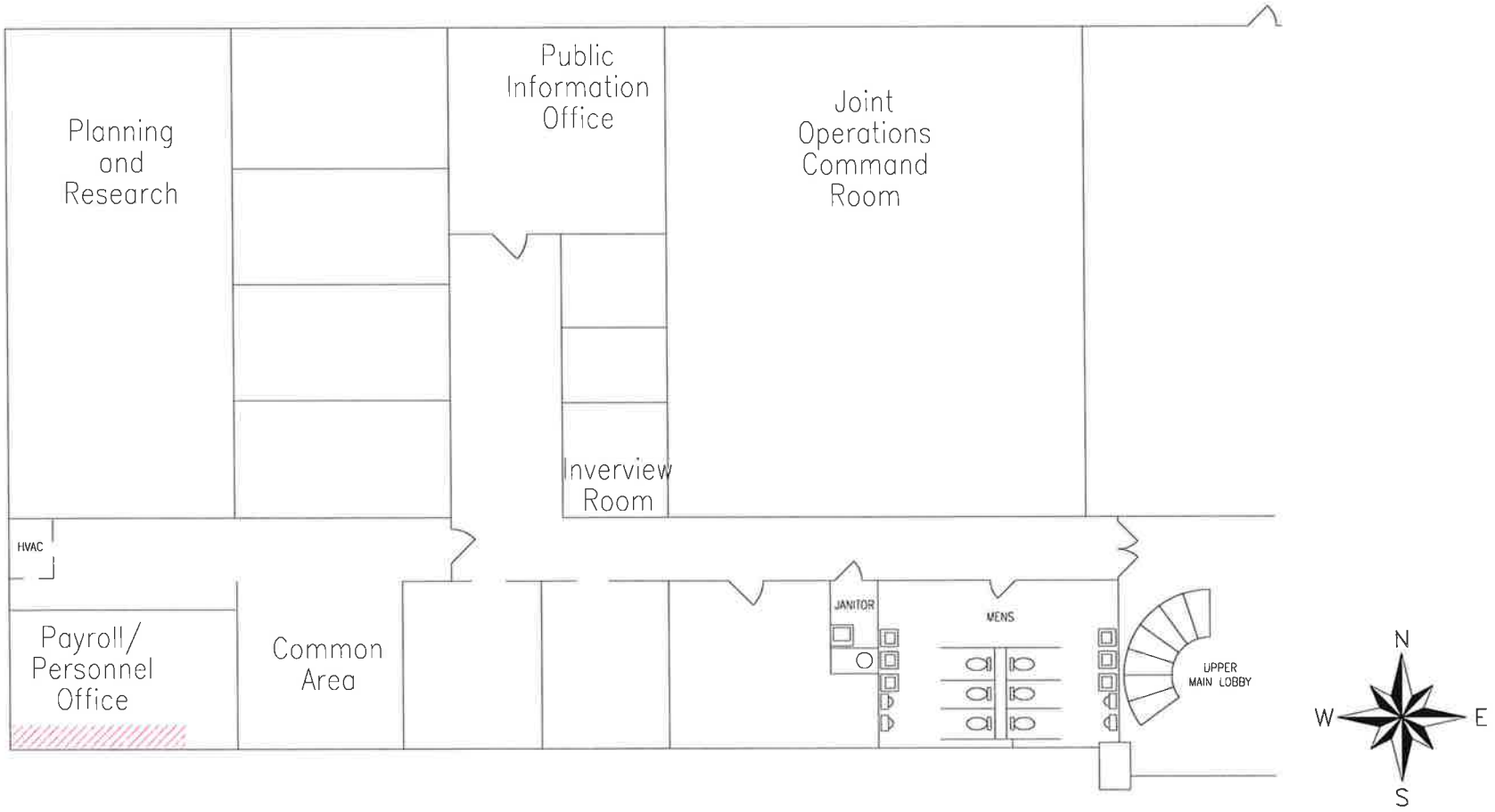
JOB: M3010.1437.0006.27

FIGURE 2: VISIBLE MOLD LOCATION MAP – EAST SIDE OF SECOND FLOOR

Aerostar SES LLC

POLICE HEADQUARTERS (HQ)
2460 GOVERNMENT STREET
MOBILE, MOBILE COUNTY, ALABAMA

SCALE: NOT TO SCALE
DATE: SEPTEMBER 2019
REVIEWED: M. STEVENSON



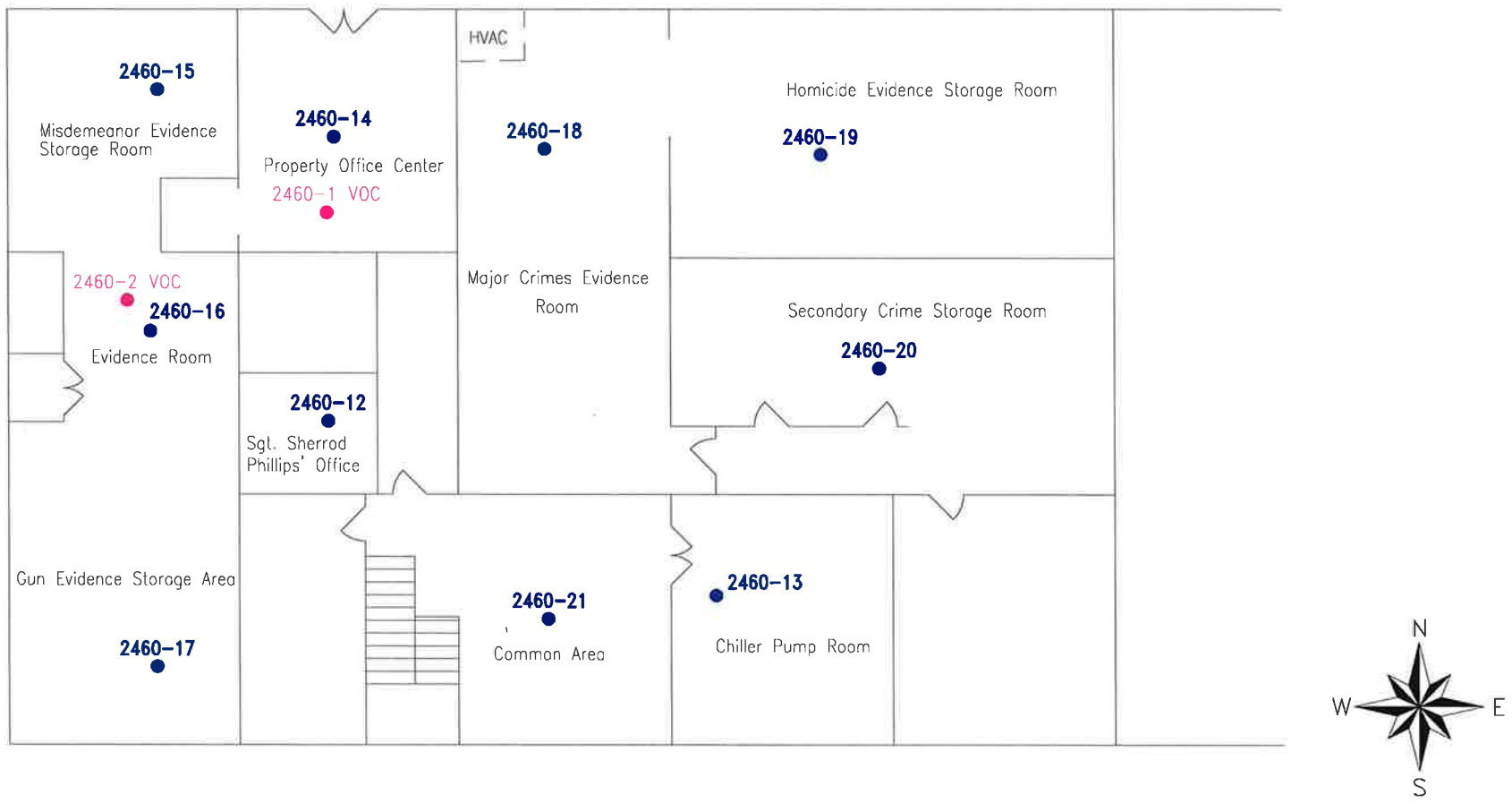
JOB: M3010.1437.0006.27

FIGURE 3: VISIBLE MOLD LOCATION MAP – WEST SIDE OF SECOND FLOOR

Aerostar SES LLC

POLICE HEADQUARTERS (HQ)
2460 GOVERNMENT STREET
MOBILE, MOBILE COUNTY, ALABAMA

SCALE: NOT TO SCALE
DATE: SEPTEMBER 2019
REVIEWED: M. STEVENSON



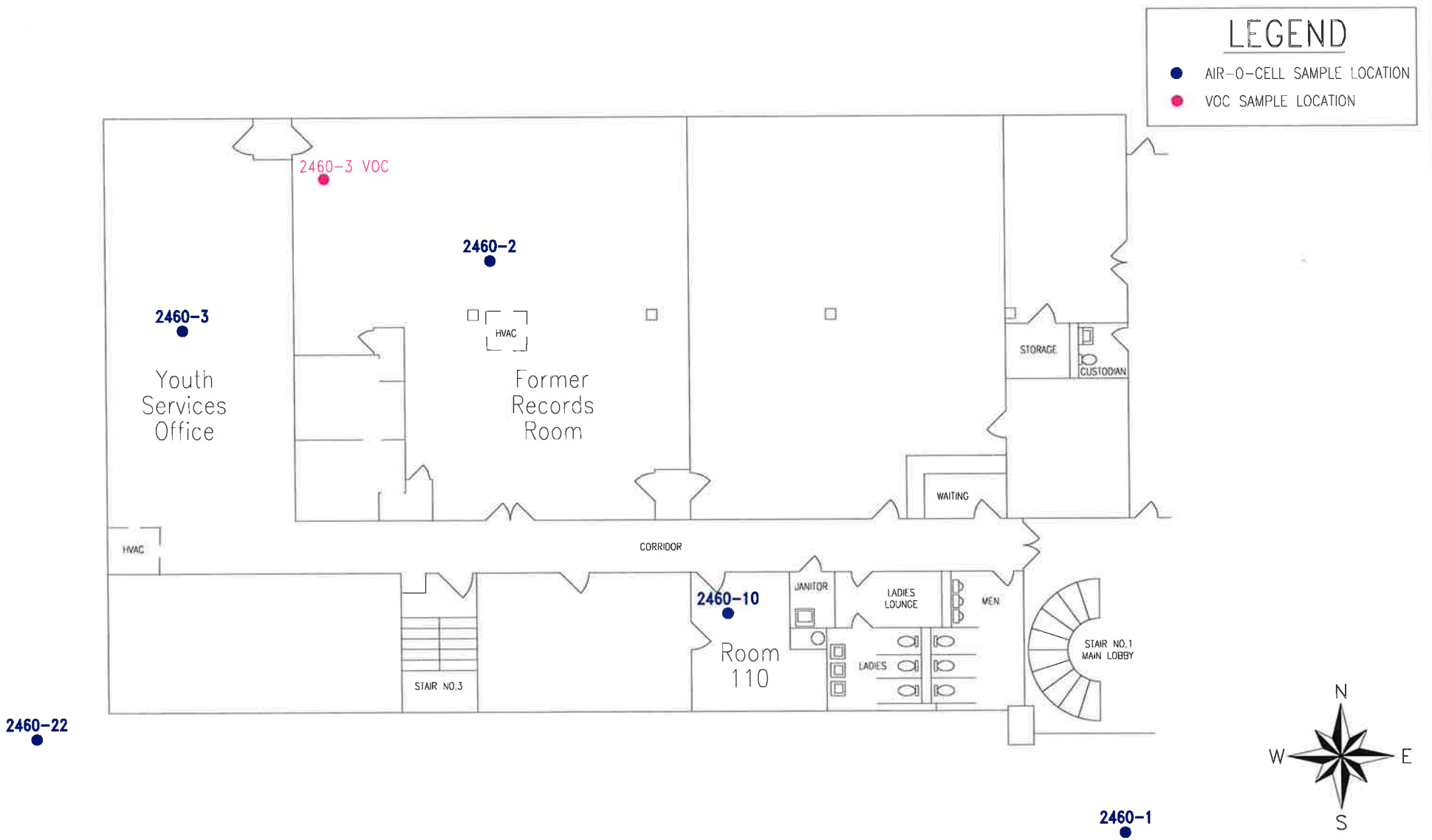
JOB: M3010.1437.0006.27

FIGURE 4: SAMPLE LOCATION MAP – BASEMENT

Aerostar SES LLC

POLICE HEADQUARTERS (HQ)
2460 GOVERNMENT STREET
MOBILE, MOBILE COUNTY, ALABAMA

SCALE: NOT TO SCALE
DATE: AUGUST 2019
REVIEWED: M. STEVENSON



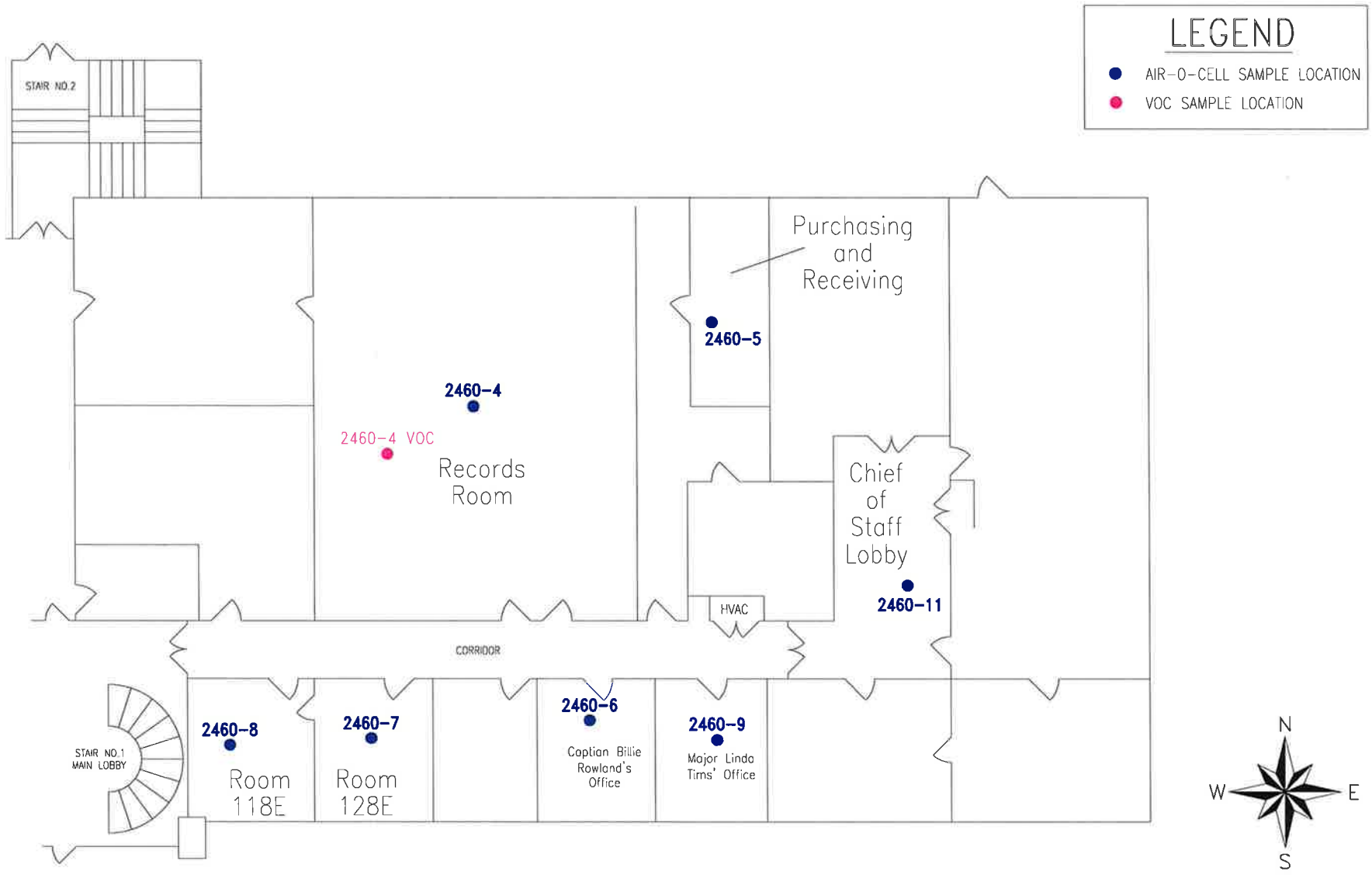
JOB: M3010.1437.0006.27

FIGURE 5: SAMPLE LOCATION MAP – WEST SIDE OF FIRST FLOOR

Aerostar SES LLC

POLICE HEADQUARTERS (HQ)
2460 GOVERNMENT STREET
MOBILE, MOBILE COUNTY, ALABAMA

SCALE: NOT TO SCALE
DATE: AUGUST 2019
REVIEWED: M. STEVENSON



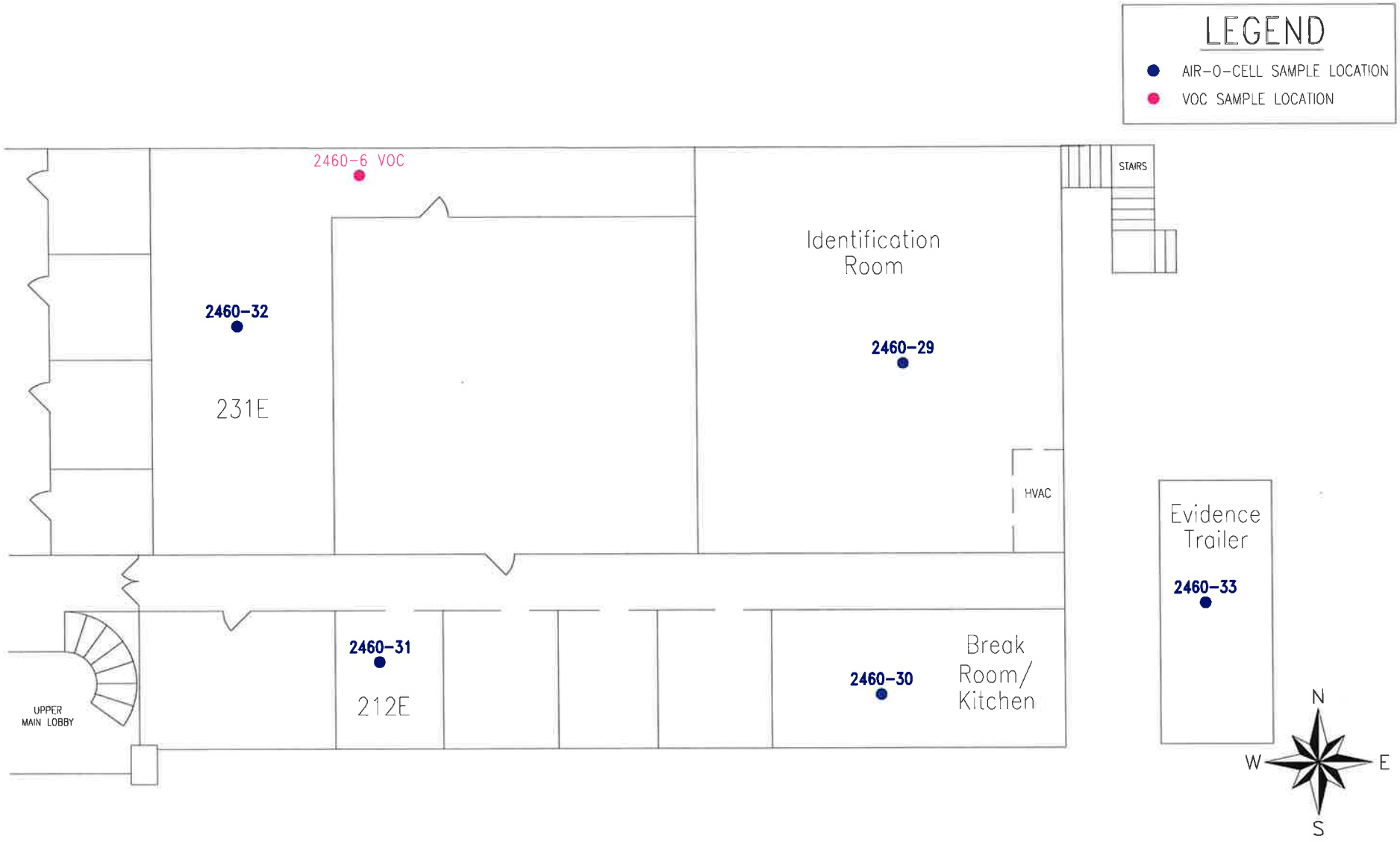
JOB: M3010.1437.0006.27

FIGURE 6: SAMPLE LOCATION MAP – EAST SIDE OF FIRST FLOOR

Aerostar SES LLC

POLICE HEADQUARTERS (HQ)
2460 GOVERNMENT STREET
MOBILE, MOBILE COUNTY, ALABAMA

SCALE: NOT TO SCALE
DATE: AUGUST 2019
REVIEWED: M. STEVENSON



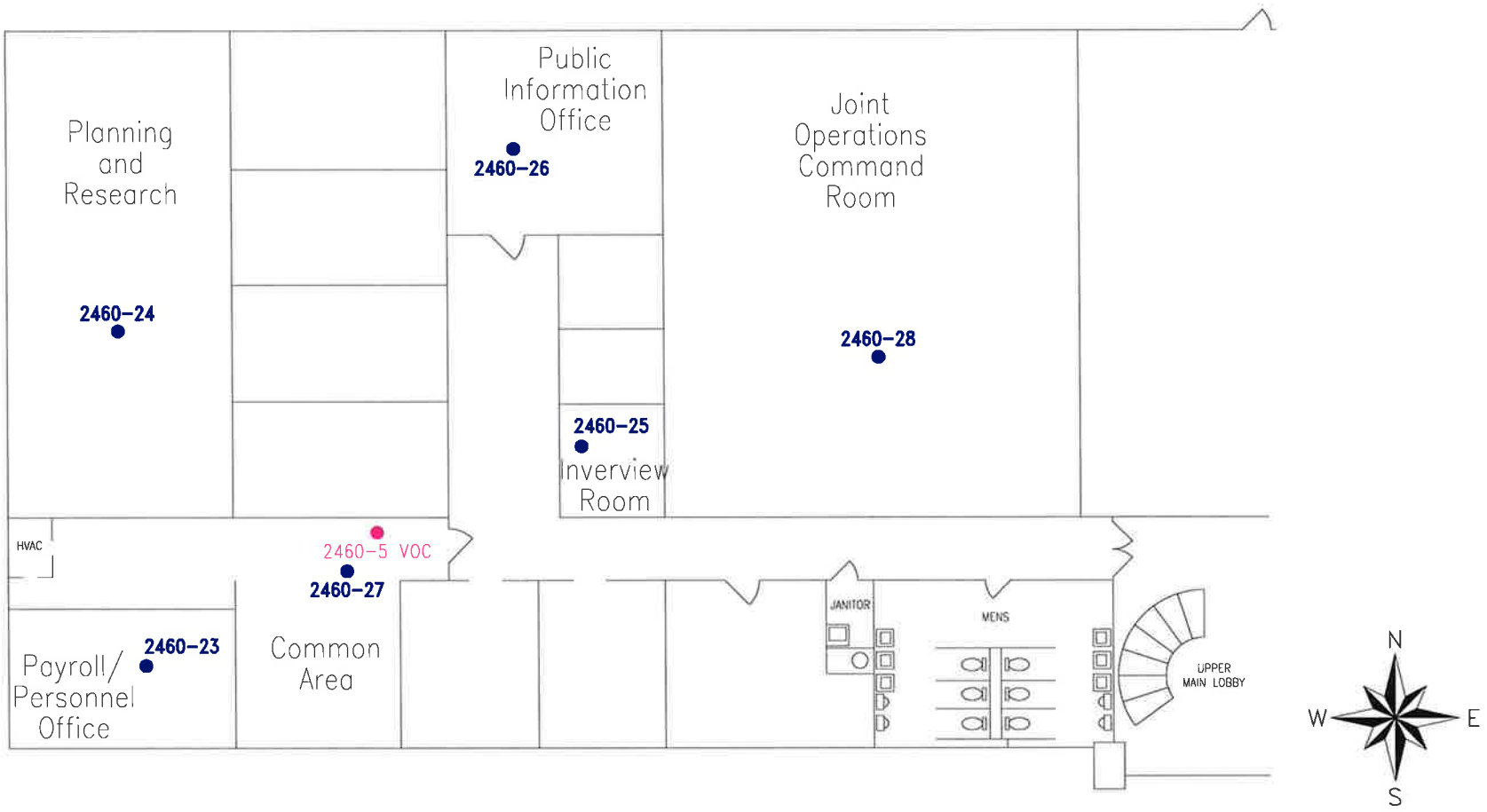
JOB: M3010.1437.0006.27

FIGURE 7: SAMPLE LOCATION MAP – EAST SIDE OF SECOND FLOOR

Aerostar SES LLC

POLICE HEADQUARTERS (HQ)
2460 GOVERNMENT STREET
MOBILE, MOBILE COUNTY, ALABAMA

SCALE: NOT TO SCALE
DATE: AUGUST 2019
REVIEWED: M. STEVENSON



JOB: M3010.1437.0006.27

FIGURE 8: SAMPLE LOCATION MAP – WEST SIDE OF SECOND FLOOR

Aerostar SES LLC

POLICE HEADQUARTERS (HQ)
2460 GOVERNMENT STREET
MOBILE, MOBILE COUNTY, ALABAMA

SCALE: NOT TO SCALE
DATE: AUGUST 2019
REVIEWED: M. STEVENSON

APPENDIX A

SITE PHOTOGRAPHS

1) View of the Mobile Police Headquarters from the parking lot.

2) View of the outside air filter for the heating, ventilation, and air conditioning (HVAC) air handling unit (AHU) in the Former Records Room, on the west side of the first floor. Air sample 2460-2 was collected in this location and was not elevated when compared to the outdoor total fungi concentration.

3) View of the supply air diffuser in the ceiling of Sergeant Sherrod Phillips' office located in the basement. Air sample 2460-12 was collected in this location. Air sample 2460-12 was elevated when compared to the outdoor total fungi concentration.

4) View of the supply air diffuser in the ceiling of the Property Office Center located in the basement. Air sample 2460-14 was collected in the location and was elevated when compared to the outdoor total fungi concentration.

5) View of an acoustical ceiling tile (ACT) in the Gun Evidence Storage Area located in the basement. Air sample 2460-17 was collected in this location and was not elevated when compared to the outdoor total fungi concentration.

6) View of visible, suspect mold on the inside of the window of the Payroll/Personnel Office located on the west side of the second floor. Air sample 2460-23 was collected in this location and was not elevated when compared to the outdoor total fungi concentration.

7) View of an exterior window pane with missing and damaged caulk located on the east side of the first floor.

8) View of the inside air sample (2460-19) location in the Homicide Evidence Storage Room located in the basement. Air sample 2460-19 was not elevated when compared to the outdoor total fungi concentration.

9) View of the inside air sample (2460-25) location in Interview Room located on the west side of the second floor. Air sample 2460-25 was not elevated when compared to the outdoor total fungi concentration.

10) View of the inside air sample (2460-33) location in the Evidence Trailer, near the eastern side of the building. Air sample 2460-33 was not elevated when compared to the outdoor total fungi concentration.

11) View of the Volatile Organic Compound (VOC) air sample location in the Common Area on the west side of the second floor. Sample 2460-5 VOC was collected in this location.

APPENDIX B

LABORATORY CRENDINTIALS

Accredited Laboratory

A2LA has accredited

PACE ANALYTICAL SERVICES, LLC

Minneapolis, MN

for technical competence in the field of

Environmental Testing

In recognition of the successful completion of the A2LA evaluation process that includes an assessment of the laboratory's compliance with ISO/IEC 17025:2017, the 2009 TNI Environmental Testing Laboratory Standard, and the requirements of the Department of Defense Environmental Laboratory Accreditation Program (DoD ELAP) as detailed in version 5.3 of the DoD Quality System Manual for Environmental Laboratories (QSM), accreditation is granted to this laboratory to perform recognized EPA methods as defined on the associated A2LA Environmental Scope of Accreditation. This accreditation demonstrates technical competence for this defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated *April 2017*).

Presented this 29th day of August 2019.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 2926.01
Valid to October 31, 2021

For the tests to which this accreditation applies, please refer to the laboratory's Environmental Scope of Accreditation.

AIHA Laboratory Accreditation Programs, LLC

acknowledges that

EMSL Analytical, Inc.

3303 Parkway Center Court, Orlando, FL 32808

Laboratory ID: 163563

along with all premises from which key activities are performed, as listed above, has fulfilled the requirements of the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC accreditation to the ISO/IEC 17025:2005 international standard, *General Requirements for the Competence of Testing and Calibration Laboratories* in the following:

LABORATORY ACCREDITATION PROGRAMS

☐	**INDUSTRIAL HYGIENE**	Accreditation Expires:
✓	**ENVIRONMENTAL LEAD**	Accreditation Expires: January 01, 2020
✓	**ENVIRONMENTAL MICROBIOLOGY**	Accreditation Expires: January 01, 2020
☐	**FOOD**	Accreditation Expires:
☐	**UNIQUE SCOPES**	Accreditation Expires:

Specific Field(s) of Testing (FoT)/Method(s) within each Accreditation Program for which the above named laboratory maintains accreditation is outlined on the attached **Scope of Accreditation**. Continued accreditation is contingent upon successful on-going compliance with ISO/IEC 17025:2005 and AIHA-LAP, LLC requirements. This certificate is not valid without the attached **Scope of Accreditation**. Please review the AIHA-LAP, LLC website (www.aihaaccreditedlabs.org) for the most current Scope.

William Walsh, CIH
Chairperson, Analytical Accreditation Board

Cheryl O. Morton
Managing Director, AIHA Laboratory Accreditation Programs, LLC

Revision 15: 03/30/2016

Date Issued: 02/28/2018

AIHA Laboratory Accreditation Programs, LLC
SCOPE OF ACCREDITATION

EMSL Analytical, Inc.
3303 Parkway Center Court, Orlando, FL 32808

Laboratory ID: **163563**
Issue Date: 05/08/2018

The laboratory is approved for those specific field(s) of testing/methods listed in the table below. Clients are urged to verify the laboratory's current accreditation status for the particular field(s) of testing/Methods, since these can change due to proficiency status, suspension and/or withdrawal of accreditation.

Environmental Microbiology Laboratory Accreditation Program (EMLAP)

Initial Accreditation Date: 09/01/2006

EMLAP Category	Field of Testing (FoT)	Method	Method Description *(for internal methods only)*
Fungal	Air - Culturable	Micro-SOP-202 (formerly EMSL M005)	Detection and Enumeration of Culturable Fungi from Environmental Samples
	Bulk - Culturable	Micro-SOP-202 (formerly EMSL M005)	Detection and Enumeration of Culturable Fungi from Environmental Samples
	Surface - Culturable	Micro-SOP-202 (formerly EMSL M005)	Detection and Enumeration of Culturable Fungi from Environmental Samples
	Air - Direct Examination	Micro-SOP-201 (formerly 05-TP-003.7)	Standard Operating Procedure for the Analysis of Airborne Fungal Spores, Hyphal Fragments, Pollen, Insect Fragments, Skin Fragments and Fibrous Particulate by Optical Microscopy of Spore Trap Samples
	Bulk - Direct Examination	Micro-SOP-200 (formerly EMSL M041)	Standard Operating Procedure for the Microscopic Examination of Fungal Spores, Fungal Structures, Hyphae, Pollen, Insect Fragments, and Fibrous Particulate from Surface Samples
	Surface - Direct Examination	Micro-SOP-200 (formerly EMSL M041)	Standard Operating Procedure for the Microscopic Examination of Fungal Spores, Fungal Structures, Hyphae, Pollen, Insect Fragments, and Fibrous Particulate from Surface Samples
Bacterial	Air - Culturable	Micro-SOP-132 (formerly EMSL M009)	Detection and Enumeration of Culturable Bacteria from Environmental Samples
	Bulk - Culturable	Micro-SOP-132 (formerly EMSL M009)	Detection and Enumeration of Culturable Bacteria from Environmental Samples
	Surface - Culturable	Micro-SOP-132 (formerly EMSL M009)	Detection and Enumeration of Culturable Bacteria from Environmental Samples
	Legionella	05-TP-002.3	SOP for the Recovery of Legionella from the Environment using the CDC Prevention's Culture Method

AIHA
Laboratory Accreditation Programs, LLC

EMLAP Category	Field of Testing (FoT)	Method	Method Description *(for internal methods only)*
Bacterial	Legionella	Micro-SOP-105	ISO 11731:2017

A complete listing of currently accredited Environmental Microbiology laboratories is available on the AIHA-LAP, LLC website at: http://www.aihaaccreditedlabs.org

APPENDIX C

LABORATORY ANALYTICAL RESULTS

EMSL Analytical, Inc.
3303 PARKWAY CENTER COURT Orlando, FL 32808
Tel/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com / orlandolab@emsl.com

EMSL Order: 341913175
Customer ID: AERO72B
Customer PO:
Project ID:

Attn: Mason Stevenson
Aerostar SES LLC
3749 N Causeway Boulevard
Suite A
Metairie, LA 70002
Project: M3010.1437.0006.27 Alabama 36633

Phone: (504) 486-8368
Fax: (504) 486-8360
Collected: 08/20/2019
Received: 08/23/2019
Analyzed: 08/27/2019 - 08/28/2019

Test Report: Air-O-Cell(™) Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods MICRO-SOP-201, ASTM D7391)

Lab Sample Number:	341913175-0001			341913175-0002			341913175-0003		
Client Sample ID:	2460-1 Outside			2460-2			2460-3		
Volume (L):	150			150			150		
Sample Location	Outside Near Main South Entrance			1st Floor Vacant Former Records Office			1st Floor Youth Services Office		
Spore Types	**Raw Count**	**Count/m³**	**% of Total**	**Raw Count**	**Count/m³**	**% of Total**	**Raw Count**	**Count/m³**	**% of Total**
Alternaria (Ulocladium)	-	-	-	-	-	-	-	-	-
Ascospores	18	380	7	3	60	11.5	2	40	9.9
Aspergillus/Penicillium	4	80	1.5	3	60	11.5	10	210	52
Basidiospores	201	4240	78.5	8	200	38.5	2	40	9.9
Bipolaris++	-	-	-	-	-	-	-	-	-
Chaetomium	-	-	-	-	-	-	-	-	-
Cladosporium	3	60	1.1	1	20	3.8	-	-	-
Curvularia	5	100	1.9	1	20	3.8	1*	7*	1.7
Epicoccum	-	-	-	1	20	3.8	-	-	-
Fusarium	-	-	-	-	-	-	-	-	-
Ganoderma	2	40	0.7	1	20	3.8	-	-	-
Myxomycetes++	20	420	7.8	3	60	11.5	3	60	14.9
Pithomyces++	1	20	0.4	3*	20*	3.8	1*	7*	1.7
Rust	3*	20*	0.4	1	20	3.8	-	-	-
Stachybotrys/Memnoniella	-	-	-	-	-	-	-	-	-
Unidentifiable Spores	1*	7*	0.1	1	20	3.8	-	-	-
Ascotricha / Dicyma	-	-	-	-	-	-	-	-	-
Blakeslea/Choanephora	-	-	-	-	-	-	-	-	-
Nigrospora	-	-	-	-	-	-	-	-	-
Pestalotia/Pestalotiopsis	1*	7*	0.1	-	-	-	1	20	5
Pyricularia	-	-	-	-	-	-	-	-	-
Scolecobasidium / Ochroco	1	20	0.4	-	-	-	-	-	-
Spegazzinia	1*	7*	0.1	-	-	-	1	20	5
Sporidesmium-like	-	-	-	-	-	-	-	-	-
Total Fungi	**261**	**5401**	**100**	**26**	**520**	**100**	**21**	**404**	**100**
Hyphal Fragment	1	20	-	-	-	-	1*	7*	-
Insect Fragment	-	-	-	2	40	-	-	-	-
Pollen	-	-	-	-	-	-	-	-	-

++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.

No discernable field blank was submitted with this group of samples.

Yessica Martinez Seeman, Microbiology Technical Manager, Central Florida
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC EMLAP 163563

Initial report from: 08/28/2019 10:32:14

For information on the fungi listed in this report, please visit the Resources section at www.emsl.com

Printed: 08/28/2019 10:32 AM

EMSL Analytical, Inc.

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EMSL Order: 341913175
Customer ID: AERO72B
Customer PO:
Project ID:

Attn: Mason Stevenson
Aerostar SES LLC
3749 N Causeway Boulevard
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Project: M3010.1437.0006.27 Alabama 36633

Phone: (504) 486-8368
Fax: (504) 486-8360
Collected: 08/20/2019
Received: 08/23/2019
Analyzed: 08/27/2019 - 08/28/2019

Test Report: Air-O-Cell(™) Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods MICRO-SOP-201, ASTM D7391)

Lab Sample Number:	341913175-0001			341913175-0002			341913175-0003		
Client Sample ID:	2460-1 Outside			2460-2			2460-3		
Volume (L):	150			150			150		
Sample Location	Outside Near Main South Entrance			1st Floor Vacant Former Records Office			1st Floor Youth Services Office		
Spore Types	**Raw Count**	**Count/m³**	**% of Total**	**Raw Count**	**Count/m³**	**% of Total**	**Raw Count**	**Count/m³**	**% of Total**
Analyt. Sensitivity 600x	-	21	-	-	21	-	-	21	-
Analyt. Sensitivity 300x	-	7*	-	-	7*	-	-	7*	-
Skin Fragments (1-4)	-	1	-	-	2	-	-	2	-
Fibrous Particulate (1-4)	-	1	-	-	2	-	-	2	-
Background (1-5)	-	2	-	-	2	-	-	2	-

++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.

No discernable field blank was submitted with this group of samples.

Yessica Martinez Seeman, Microbiology Technical Manager, Central Florida
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC EMLAP 163563

Initial report from: 08/28/2019 10:32:14

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Analyzed: 08/27/2019 - 08/28/2019

Test Report: Air-O-Cell(™) Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods MICRO-SOP-201, ASTM D7391)

Lab Sample Number:	341913175-0004			341913175-0005			341913175-0006		
Client Sample ID:	2460-4			2460-5			2460-6		
Volume (L):	150			150			150		
Sample Location	1st Floor Current Records Office			1st Floor Purchasing And Receiving			1st Floor Captain B. Rowland's Office		
Spore Types	**Raw Count**	**Count/m³**	**% of Total**	**Raw Count**	**Count/m³**	**% of Total**	**Raw Count**	**Count/m³**	**% of Total**
Alternaria (Ulocladium)	-	-	-	-	-	-	-	-	-
Ascospores	1*	7*	3.8	1	20	11.1	1	20	4.9
Aspergillus/Penicillium	2	40	21.7	4	80	44.4	10	210	51.2
Basidiospores	1	20	10.9	2	40	22.2	1	20	4.9
Bipolaris++	-	-	-	-	-	-	-	-	-
Chaetomium	-	-	-	-	-	-	-	-	-
Cladosporium	2	40	21.7	-	-	-	1	20	4.9
Curvularia	-	-	-	1	20	11.1	2	40	9.8
Epicoccum	-	-	-	-	-	-	-	-	-
Fusarium	-	-	-	-	-	-	-	-	-
Ganoderma	1	20	10.9	-	-	-	-	-	-
Myxomycetes++	4*	30*	16.3	1	20	11.1	2	40	9.8
Pithomyces++	1*	7*	3.8	-	-	-	3	60	14.6
Rust	-	-	-	-	-	-	-	-	-
Stachybotrys/Memnoniella	-	-	-	-	-	-	-	-	-
Unidentifiable Spores	1	20	10.9	-	-	-	-	-	-
Ascotricha / Dicyma	-	-	-	-	-	-	-	-	-
Blakeslea/Choanephora	-	-	-	-	-	-	-	-	-
Nigrospora	-	-	-	-	-	-	-	-	-
Pestalotia/Pestalotiopsis	-	-	-	-	-	-	-	-	-
Pyricularia	-	-	-	-	-	-	-	-	-
Scolecobasidium / Ochroco	-	-	-	-	-	-	-	-	-
Spegazzinia	-	-	-	-	-	-	-	-	-
Sporidesmium-like	-	-	-	-	-	-	-	-	-
Total Fungi	**13**	**184**	**100**	**9**	**180**	**100**	**20**	**410**	**100**
Hyphal Fragment	-	-	-	2*	10*	-	3	60	-
Insect Fragment	-	-	-	-	-	-	1	20	-
Pollen	-	-	-	-	-	-	-	-	-

++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.

No discernable field blank was submitted with this group of samples.

Yessica Martinez Seeman, Microbiology Technical Manager, Central Florida
or other approved signatory

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Initial report from: 08/28/2019 10:32:14

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Customer PO:
Project ID:

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Project: M3010.1437.0006.27 Alabama 36633

Phone: (504) 486-8368
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Analyzed: 08/27/2019 - 08/28/2019

Test Report: Air-O-Cell(™) Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods MICRO-SOP-201, ASTM D7391)

Lab Sample Number:	341913175-0004			341913175-0005			341913175-0006		
Client Sample ID:	2460-4			2460-5			2460-6		
Volume (L):	150			150			150		
Sample Location	1st Floor Current Records Office			1st Floor Purchasing And Receiving			1st Floor Captain B. Rowland's Office		
Spore Types	**Raw Count**	**Count/m³**	**% of Total**	**Raw Count**	**Count/m³**	**% of Total**	**Raw Count**	**Count/m³**	**% of Total**
Analyt. Sensitivity 600x	-	21	-	-	21	-	-	21	-
Analyt. Sensitivity 300x	-	7*	-	-	7*	-	-	7*	-
Skin Fragments (1-4)	-	2	-	-	2	-	-	2	-
Fibrous Particulate (1-4)	-	2	-	-	1	-	-	2	-
Background (1-5)	-	2	-	-	2	-	-	3	-

++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.

No discernable field blank was submitted with this group of samples.

Yessica Martinez Seeman, Microbiology Technical Manager, Central Florida
or other approved signatory

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Test Report: Air-O-Cell(™) Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods MICRO-SOP-201, ASTM D7391)

Lab Sample Number:	341913175-0007			341913175-0008			341913175-0009		
Client Sample ID:	2460-7			2460-8			2460-9		
Volume (L):	150			150			150		
Sample Location	1st Floor Room 128E			1st Floor Rm 118E Major Phillip McCary's Office			1st Floor Major Linda Tims's Office		
Spore Types	**Raw Count**	**Count/m³**	**% of Total**	**Raw Count**	**Count/m³**	**% of Total**	**Raw Count**	**Count/m³**	**% of Total**
Alternaria (Ulocladium)	-	-	-	-	-	-	-	-	-
Ascospores	-	-	-	2	40	21.4	-	-	-
Aspergillus/Penicillium	3	60	34.5	4	80	42.8	4	80	38.6
Basidiospores	1	20	11.5	2	40	21.4	3	60	29
Bipolaris++	-	-	-	-	-	-	-	-	-
Chaetomium	-	-	-	-	-	-	-	-	-
Cladosporium	1	20	11.5	-	-	-	1	20	9.7
Curvularia	1	20	11.5	1*	7*	3.7	1	20	9.7
Epicoccum	-	-	-	-	-	-	-	-	-
Fusarium	-	-	-	-	-	-	-	-	-
Ganoderma	1*	7*	4	-	-	-	-	-	-
Myxomycetes++	3*	20*	11.5	1	20	10.7	3*	20*	9.7
Pithomyces++	1	20	11.5	-	-	-	-	-	-
Rust	-	-	-	-	-	-	-	-	-
Stachybotrys/Memnoniella	-	-	-	-	-	-	-	-	-
Unidentifiable Spores	-	-	-	-	-	-	1*	7*	3.4
Ascotricha / Dicyma	-	-	-	-	-	-	-	-	-
Blakeslea/Choanephora	-	-	-	-	-	-	-	-	-
Nigrospora	1*	7*	4	-	-	-	-	-	-
Pestalotia/Pestalotiopsis	-	-	-	-	-	-	-	-	-
Pyricularia	-	-	-	-	-	-	-	-	-
Scolecobasidium / Ochroco	-	-	-	-	-	-	-	-	-
Spegazzinia	-	-	-	-	-	-	-	-	-
Sporidesmium-like	-	-	-	-	-	-	-	-	-
Total Fungi	**12**	**174**	**100**	**10**	**187**	**100**	**13**	**207**	**100**
Hyphal Fragment	4	80	-	2*	10*	-	1	20	-
Insect Fragment	-	-	-	-	-	-	-	-	-
Pollen	-	-	-	-	-	-	1*	7*	-

++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.

No discernable field blank was submitted with this group of samples.

Yessica Martinez Seeman, Microbiology Technical Manager, Central Florida
or other approved signatory

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Initial report from: 08/28/2019 10:32:14

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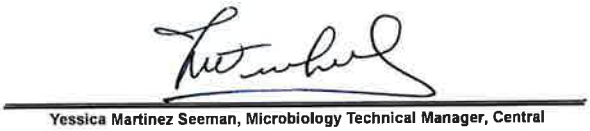
Test Report: Air-O-Cell(™) Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods MICRO-SOP-201, ASTM D7391)

Lab Sample Number:	341913175-0007			341913175-0008			341913175-0009		
Client Sample ID:	2460-7			2460-8			2460-9		
Volume (L):	150			150			150		
Sample Location	1st Floor Room 128E			1st Floor Rm 118E Major Phillip McCary's Office			1st Floor Major Linda Tims's Office		
Spore Types	**Raw Count**	**Count/m³**	**% of Total**	**Raw Count**	**Count/m³**	**% of Total**	**Raw Count**	**Count/m³**	**% of Total**
Analyt. Sensitivity 600x	-	21	-	-	21	-	-	21	-
Analyt. Sensitivity 300x	-	7*	-	-	7*	-	-	7*	-
Skin Fragments (1-4)	-	2	-	-	2	-	-	2	-
Fibrous Particulate (1-4)	-	2	-	-	2	-	-	1	-
Background (1-5)	-	2	-	-	2	-	-	2	-

++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.

No discernable field blank was submitted with this group of samples.



Yessica Martinez Seeman, Microbiology Technical Manager, Central Florida
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Initial report from: 08/28/2019 10:32:14

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Test Report: Air-O-Cell(™) Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods MICRO-SOP-201, ASTM D7391)

Lab Sample Number:	341913175-0010			341913175-0011			341913175-0012		
Client Sample ID:	2460-10			2460-11			2460-12		
Volume (L):	150			150			150		
Sample Location	1st Floor Room 110 Computer Networking Office			1st Floor Chief Of Staff Lobby/Waiting Room			Basement In Sergeant Sherrod Phillip's Office		
Spore Types	**Raw Count**	**Count/m³**	**% of Total**	**Raw Count**	**Count/m³**	**% of Total**	**Raw Count**	**Count/m³**	**% of Total**
Alternaria (Ulocladium)	-	-	-	-	-	-	-	-	-
Ascospores	-	-	-	-	-	-	1	20	0.3
Aspergillus/Penicillium	7	100	64.9	9	200	55.6	356	7510	96
Basidiospores	1	20	13	1	20	5.6	6	100	1.3
Bipolaris++	-	-	-	-	-	-	1*	7*	0.1
Chaetomium	-	-	-	-	-	-	-	-	-
Cladosporium	-	-	-	1	20	5.6	4	80	1
Curvularia	-	-	-	1	20	5.6	3	60	0.8
Epicoccum	-	-	-	-	-	-	-	-	-
Fusarium	-	-	-	-	-	-	-	-	-
Ganoderma	-	-	-	-	-	-	-	-	-
Myxomycetes++	1	20	13	3	60	16.7	2*	10*	0.1
Pithomyces++	1*	7*	4.5	2	40	11.1	1*	7*	0.1
Rust	-	-	-	-	-	-	-	-	-
Stachybotrys/Memnoniella	-	-	-	-	-	-	-	-	-
Unidentifiable Spores	-	-	-	-	-	-	1	20	0.3
Ascotricha / Dicyma	-	-	-	-	-	-	-	-	-
Blakeslea/Choanephora	-	-	-	-	-	-	-	-	-
Nigrospora	1*	7*	4.5	-	-	-	-	-	-
Pestalotia/Pestalotiopsis	-	-	-	-	-	-	-	-	-
Pyricularia	-	-	-	-	-	-	1*	7*	0.1
Scolecobasidium / Ochroco	-	-	-	-	-	-	-	-	-
Spegazzinia	-	-	-	-	-	-	-	-	-
Sporidesmium-like	-	-	-	-	-	-	-	-	-
Total Fungi	**11**	**154**	**100**	**17**	**360**	**100**	**376**	**7821**	**100**
Hyphal Fragment	2*	10*	-	4	80	-	2	40	-
Insect Fragment	-	-	-	-	-	-	-	-	-
Pollen	-	-	-	1*	7*	-	-	-	-

++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.

No discernable field blank was submitted with this group of samples.

Yessica Martinez Seeman, Microbiology Technical Manager, Central Florida
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC EMLAP 163563

Initial report from: 08/28/2019 10:32:14

For information on the fungi listed in this report, please visit the Resources section at www.emsl.com

Printed: 08/28/2019 10:32 AM

EMSL Analytical, Inc.

3303 PARKWAY CENTER COURT Orlando, FL 32808
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EMSL Order: 341913175
Customer ID: AERO72B
Customer PO:
Project ID:

Attn: Mason Stevenson
Aerostar SES LLC
3749 N Causeway Boulevard
Suite A
Metairie, LA 70002
Project: M3010.1437.0006.27 Alabama 36633

Phone: (504) 486-8368
Fax: (504) 486-8360
Collected: 08/20/2019
Received: 08/23/2019
Analyzed: 08/27/2019 - 08/28/2019

Test Report: Air-O-Cell(™) Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods MICRO-SOP-201, ASTM D7391)

Lab Sample Number:	341913175-0010			341913175-0011			341913175-0012		
Client Sample ID:	2460-10			2460-11			2460-12		
Volume (L):	150			150			150		
Sample Location	1st Floor Room 110 Computer Networking Office			1st Floor Chief Of Staff Lobby/Waiting Room			Basement In Sergeant Sherrod Phillip's Office		
Spore Types	**Raw Count**	**Count/m³**	**% of Total**	**Raw Count**	**Count/m³**	**% of Total**	**Raw Count**	**Count/m³**	**% of Total**
Analyt. Sensitivity 600x	-	21	-	-	21	-	-	21	-
Analyt. Sensitivity 300x	-	7*	-	-	7*	-	-	7*	-
Skin Fragments (1-4)	-	2	-	-	2	-	-	2	-
Fibrous Particulate (1-4)	-	2	-	-	2	-	-	2	-
Background (1-5)	-	2	-	-	3	-	-	3	-

++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.

No discernable field blank was submitted with this group of samples.

Yessica Martinez Seeman, Microbiology Technical Manager, Central Florida
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC EMLAP 163563

Initial report from: 08/28/2019 10:32:14

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Fax: (504) 486-8360
Collected: 08/20/2019
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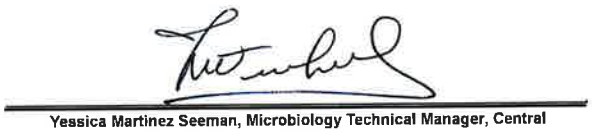
Analyzed: 08/27/2019 - 08/28/2019

Test Report: Air-O-Cell(™) Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods MICRO-SOP-201, ASTM D7391)

Lab Sample Number:	341913175-0013			341913175-0014			341913175-0015		
Client Sample ID:	2460-13			2460-14			2460-15		
Volume (L):	150			150			150		
Sample Location	Basement Chiller Pump Room			Basement Property Office			Basement In Misdemeanor Evidence Storage Room		
Spore Types	**Raw Count**	**Count/m³**	**% of Total**	**Raw Count**	**Count/m³**	**% of Total**	**Raw Count**	**Count/m³**	**% of Total**
Alternaria (Ulocladium)	1*	7*	0.2	-	-	-	-	-	-
Ascospores	15	320	9.2	5	100	2.4	14	300	10.1
Aspergillus/Penicillium	75	1600	45.8	176	3710	88.9	34	720	24.2
Basidiospores	49	1000	28.6	13	270	6.5	84	1800	60.5
Bipolaris++	-	-	-	-	-	-	-	-	-
Chaetomium	-	-	-	-	-	-	-	-	-
Cladosporium	15	320	9.2	2	40	1	4	80	2.7
Curvularia	2	40	1.1	1*	7*	0.2	2*	10*	0.3
Epicoccum	-	-	-	-	-	-	-	-	-
Fusarium	-	-	-	-	-	-	-	-	-
Ganoderma	2	40	1.1	-	-	-	1	20	0.7
Myxomycetes++	5	100	2.9	1	20	0.5	3*	20*	0.7
Pithomyces++	2	40	1.1	1*	7*	0.2	1	20	0.7
Rust	-	-	-	-	-	-	-	-	-
Stachybotrys/Memnoniella	-	-	-	-	-	-	-	-	-
Unidentifiable Spores	-	-	-	-	-	-	-	-	-
Ascotricha / Dicyma	-	-	-	1	20	0.5	-	-	-
Blakeslea/Choanephora	-	-	-	-	-	-	-	-	-
Nigrospora	-	-	-	-	-	-	-	-	-
Pestalotia/Pestalotiopsis	-	-	-	-	-	-	-	-	-
Pyricularia	1	20	0.6	-	-	-	-	-	-
Scolecobasidium / Ochroco	-	-	-	-	-	-	-	-	-
Spegazzinia	1*	7*	0.2	-	-	-	-	-	-
Sporidesmium-like	-	-	-	-	-	-	1*	7*	0.2
Total Fungi	**168**	**3494**	**100**	**200**	**4174**	**100**	**144**	**2977**	**100**
Hyphal Fragment	5	100	-	2	40	-	2	40	-
Insect Fragment	3	60	-	3	60	-	5	100	-
Pollen	2	40	-	2*	10*	-	2	40	-

++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.

No discernable field blank was submitted with this group of samples.



Yessica Martinez Seeman, Microbiology Technical Manager, Central Florida
or other approved signatory

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Initial report from: 08/28/2019 10:32:14

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Test Report: Air-O-Cell(™) Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods MICRO-SOP-201, ASTM D7391)

Lab Sample Number:	341913175-0013			341913175-0014			341913175-0015		
Client Sample ID:	2460-13			2460-14			2460-15		
Volume (L):	150			150			150		
Sample Location	Basement Chiller Pump Room			Basement Property Office			Basement In Misdemeanor Evidence Storage Room		
Spore Types	**Raw Count**	**Count/m³**	**% of Total**	**Raw Count**	**Count/m³**	**% of Total**	**Raw Count**	**Count/m³**	**% of Total**
Analyt. Sensitivity 600x	-	21	-	-	21	-	-	21	-
Analyt. Sensitivity 300x	-	7*	-	-	7*	-	-	7*	-
Skin Fragments (1-4)	-	2	-	-	2	-	-	2	-
Fibrous Particulate (1-4)	-	2	-	-	2	-	-	2	-
Background (1-5)	-	3	-	-	3	-	-	3	-

++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.

No discernable field blank was submitted with this group of samples.

Yessica Martinez Seeman, Microbiology Technical Manager, Central Florida
or other approved signatory

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Test Report: Air-O-Cell(™) Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods MICRO-SOP-201, ASTM D7391)

Lab Sample Number:	341913175-0016			341913175-0017			341913175-0018		
Client Sample ID:	2460-16			2460-17			2460-18		
Volume (L):	150			150			150		
Sample Location	Basement Near Evidence Locker			Basement In Gun Evidence Storage Area			Basement In Major Crimes Evidence Storage Room		
Spore Types	**Raw Count**	**Count/m³**	**% of Total**	**Raw Count**	**Count/m³**	**% of Total**	**Raw Count**	**Count/m³**	**% of Total**
Alternaria (Ulocladium)	-	-	-	-	-	-	-	-	-
Ascospores	2	40	7.9	-	-	-	4	80	6.7
Aspergillus/Penicillium	15	320	63.1	24	510	83.6	15	320	27
Basidiospores	7	100	19.7	6	100	16.4	33	700	59
Bipolaris++	-	-	-	-	-	-	-	-	-
Chaetomium	-	-	-	-	-	-	1*	7*	0.6
Cladosporium	-	-	-	-	-	-	3	60	5.1
Curvularia	1	20	3.9	-	-	-	-	-	-
Epicoccum	-	-	-	-	-	-	-	-	-
Fusarium	-	-	-	-	-	-	1	20	1.7
Ganoderma	-	-	-	-	-	-	-	-	-
Myxomycetes++	1	20	3.9	-	-	-	-	-	-
Pithomyces++	1*	7*	1.4	-	-	-	-	-	-
Rust	-	-	-	-	-	-	-	-	-
Stachybotrys/Memnoniella	-	-	-	-	-	-	-	-	-
Unidentifiable Spores	-	-	-	-	-	-	-	-	-
Ascotricha / Dicyma	-	-	-	-	-	-	-	-	-
Blakeslea/Choanephora	-	-	-	-	-	-	-	-	-
Nigrospora	-	-	-	-	-	-	-	-	-
Pestalotia/Pestalotiopsis	-	-	-	-	-	-	-	-	-
Pyricularia	-	-	-	-	-	-	-	-	-
Scolecobasidium / Ochroco	-	-	-	-	-	-	-	-	-
Spegazzinia	-	-	-	-	-	-	-	-	-
Sporidesmium-like	-	-	-	-	-	-	-	-	-
Total Fungi	**27**	**507**	**100**	**30**	**610**	**100**	**57**	**1187**	**100**
Hyphal Fragment	1	20	-	1	20	-	1*	7*	-
Insect Fragment	1	20	-	-	-	-	-	-	-
Pollen	2*	10*	-	-	-	-	-	-	-

++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.

No discernable field blank was submitted with this group of samples.

Yessica Martinez Seeman, Microbiology Technical Manager, Central Florida
or other approved signatory

Initial report from: 08/28/2019 10:32:14

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Test Report: Air-O-Cell(™) Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods MICRO-SOP-201, ASTM D7391)

Lab Sample Number:	341913175-0016			341913175-0017			341913175-0018		
Client Sample ID:	2460-16			2460-17			2460-18		
Volume (L):	150			150			150		
Sample Location	Basement Near Evidence Locker			Basement In Gun Evidence Storage Area			Basement In Major Crimes Evidence Storage Room		
Spore Types	**Raw Count**	**Count/m³**	**% of Total**	**Raw Count**	**Count/m³**	**% of Total**	**Raw Count**	**Count/m³**	**% of Total**
Analyt. Sensitivity 600x	-	21	-	-	21	-	-	21	-
Analyt. Sensitivity 300x	-	7*	-	-	7*	-	-	7*	-
Skin Fragments (1-4)	-	2	-	-	1	-	-	2	-
Fibrous Particulate (1-4)	-	2	-	-	1	-	-	1	-
Background (1-5)	-	2	-	-	2	-	-	2	-

++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.

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Initial report from: 08/28/2019 10:32:14

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Test Report: Air-O-Cell(™) Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods MICRO-SOP-201, ASTM D7391)

Lab Sample Number:	341913175-0019			341913175-0020			341913175-0021		
Client Sample ID:	2460-19			2460-20			2460-21		
Volume (L):	150			150			150		
Sample Location	Basement In Homicide Evidence Storage Room			Basement In Secondary Major Crimes Storage Room			Basement In Common Area Near Elevator		
Spore Types	**Raw Count**	**Count/m³**	**% of Total**	**Raw Count**	**Count/m³**	**% of Total**	**Raw Count**	**Count/m³**	**% of Total**
Alternaria (Ulocladium)	-	-	-	-	-	-	1	20	1.1
Ascospores	1	20	3.7	-	-	-	8	200	10.9
Aspergillus/Penicillium	8	200	37.2	19	400	69.3	35	740	40.4
Basidiospores	5	100	18.6	3	60	10.4	17	360	19.7
Bipolaris++	-	-	-	-	-	-	2	40	2.2
Chaetomium	9	200	37.2	1*	7*	1.2	-	-	-
Cladosporium	2*	10*	1.9	2	40	6.9	1	20	1.1
Curvularia	1*	7*	1.3	2*	10*	1.7	12	250	13.7
Epicoccum	-	-	-	-	-	-	-	-	-
Fusarium	-	-	-	-	-	-	-	-	-
Ganoderma	-	-	-	-	-	-	-	-	-
Myxomycetes++	-	-	-	1	20	3.5	4	80	4.4
Pithomyces++	-	-	-	2	40	6.9	3	60	3.3
Rust	-	-	-	-	-	-	-	-	-
Stachybotrys/Memnoniella	-	-	-	-	-	-	-	-	-
Unidentifiable Spores	-	-	-	-	-	-	-	-	-
Ascotricha / Dicyma	-	-	-	-	-	-	-	-	-
Blakeslea/Choanephora	-	-	-	-	-	-	-	-	-
Nigrospora	-	-	-	-	-	-	2	40	2.2
Pestalotia/Pestalotiopsis	-	-	-	-	-	-	-	-	-
Pyricularia	-	-	-	-	-	-	1	20	1.1
Scolecobasidium / Ochroco	-	-	-	-	-	-	-	-	-
Spegazzinia	-	-	-	-	-	-	-	-	-
Sporidesmium-like	-	-	-	-	-	-	-	-	-
Total Fungi	**26**	**537**	**100**	**30**	**577**	**100**	**86**	**1830**	**100**
Hyphal Fragment	3	60	-	5	100	-	9	200	-
Insect Fragment	-	-	-	4	80	-	1	20	-
Pollen	-	-	-	1*	7*	-	1	20	-

++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.

No discernable field blank was submitted with this group of samples.

Yessica Martinez Seeman, Microbiology Technical Manager, Central Florida
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Initial report from: 08/28/2019 10:32:14

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Lab Sample Number:	341913175-0019			341913175-0020			341913175-0021		
Client Sample ID:	2460-19			2460-20			2460-21		
Volume (L):	150			150			150		
Sample Location	Basement In Homicide Evidence Storage Room			Basement In Secondary Major Crimes Storage Room			Basement In Common Area Near Elevator		
Spore Types	**Raw Count**	**Count/m³**	**% of Total**	**Raw Count**	**Count/m³**	**% of Total**	**Raw Count**	**Count/m³**	**% of Total**
Analyt. Sensitivity 600x	-	21	-	-	21	-	-	21	-
Analyt. Sensitivity 300x	-	7*	-	-	7*	-	-	7*	-
Skin Fragments (1-4)	-	1	-	-	2	-	-	1	-
Fibrous Particulate (1-4)	-	1	-	-	2	-	-	1	-
Background (1-5)	-	2	-	-	3	-	-	2	-

++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.

No discernable field blank was submitted with this group of samples.

Yessica Martinez Seeman, Microbiology Technical Manager, Central Florida
or other approved signatory

Samples received in good condition unless otherwise noted. High levels of background particulate can obscure spores and other particulates, leading to underestimation. Background levels of 5 indicate an overloading of background particulates, prohibiting accurate detection and quantification. Present = Spores detected on overloaded samples. Results are not blank corrected unless otherwise noted. The detection limit is equal to one fungal spore, structure, pollen, fiber particle or insect fragment. "*" Denotes particles found at 300X. "-" Denotes not detected. Due to method stopping rules, raw counts in excess of 100 are extrapolated based on the percentage analyzed. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. The report reflects the samples as received. When the information supplied by the customer can affect the validity of the result, it will be noted on the report.

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC EMLAP 163563

Initial report from: 08/28/2019 10:32:14

EMSL Analytical, Inc.

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EMSL Order: 341913175
Customer ID: AERO72B
Customer PO:
Project ID:

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Project: M3010.1437.0006.27 Alabama 36633

Phone: (504) 486-8368
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Collected: 08/20/2019
Received: 08/23/2019
Analyzed: 08/27/2019 - 08/28/2019

Test Report: Air-O-Cell(™) Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods MICRO-SOP-201, ASTM D7391)

Lab Sample Number:	341913175-0022			341913175-0023			341913175-0024		
Client Sample ID:	2460-22 Outside			2460-23			2460-24		
Volume (L):	150			150			150		
Sample Location	Outside Near Southwestern Corner Of Building			2nd Floor In Payroll/Personnel Office			2nd Floor West Wing In Planning and Research Unit Office		
Spore Types	**Raw Count**	**Count/m³**	**% of Total**	**Raw Count**	**Count/m³**	**% of Total**	**Raw Count**	**Count/m³**	**% of Total**
Alternaria (Ulocladium)	-	-	-	-	-	-	-	-	-
Ascospores	18	380	16.4	-	-	-	-	-	-
Aspergillus/Penicillium	6	100	4.3	9	200	66.7	4	80	50
Basidiospores	76	1600	69.1	1	20	6.7	2	40	25
Bipolaris++	1*	7*	0.3	-	-	-	-	-	-
Chaetomium	-	-	-	-	-	-	-	-	-
Cladosporium	2	40	1.7	-	-	-	-	-	-
Curvularia	4	80	3.5	4	80	26.7	2	40	25
Epicoccum	-	-	-	-	-	-	-	-	-
Fusarium	1*	7*	0.3	-	-	-	-	-	-
Ganoderma	-	-	-	-	-	-	-	-	-
Myxomycetes++	2	40	1.7	-	-	-	-	-	-
Pithomyces++	-	-	-	-	-	-	-	-	-
Rust	-	-	-	-	-	-	-	-	-
Stachybotrys/Memnoniella	-	-	-	-	-	-	-	-	-
Unidentifiable Spores	-	-	-	-	-	-	-	-	-
Ascotricha / Dicyma	-	-	-	-	-	-	-	-	-
Blakeslea/Choanephora	3	60	2.6	-	-	-	-	-	-
Nigrospora	-	-	-	-	-	-	-	-	-
Pestalotia/Pestalotiopsis	-	-	-	-	-	-	-	-	-
Pyricularia	-	-	-	-	-	-	-	-	-
Scolecobasidium / Ochroco	-	-	-	-	-	-	-	-	-
Spegazzinia	-	-	-	-	-	-	-	-	-
Sporidesmium-like	-	-	-	-	-	-	-	-	-
Total Fungi	**113**	**2314**	**100**	**14**	**300**	**100**	**8**	**160**	**100**
Hyphal Fragment	-	-	-	1	20	-	2	40	-
Insect Fragment	-	-	-	-	-	-	-	-	-
Pollen	-	-	-	-	-	-	-	-	-

++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.

No discernable field blank was submitted with this group of samples.

Yessica Martinez Seeman, Microbiology Technical Manager, Central Florida
or other approved signatory

Initial report from: 08/28/2019 10:32:14

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Test Report: Air-O-Cell(™) Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods MICRO-SOP-201, ASTM D7391)

Lab Sample Number:	341913175-0022			341913175-0023			341913175-0024		
Client Sample ID:	2460-22 Outside			2460-23			2460-24		
Volume (L):	150			150			150		
Sample Location	Outside Near Southwestern Corner Of Building			2nd Floor In Payroll/Personnel Office			2nd Floor West Wing In Planning and Research Unit Office		
Spore Types	**Raw Count**	**Count/m³**	**% of Total**	**Raw Count**	**Count/m³**	**% of Total**	**Raw Count**	**Count/m³**	**% of Total**
Analyt. Sensitivity 600x	-	21	-	-	21	-	-	21	-
Analyt. Sensitivity 300x	-	7*	-	-	7*	-	-	7*	-
Skin Fragments (1-4)	-	1	-	-	2	-	-	1	-
Fibrous Particulate (1-4)	-	1	-	-	2	-	-	1	-
Background (1-5)	-	1	-	-	1	-	-	2	-

++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.

No discernable field blank was submitted with this group of samples.

Yessica Martinez Seeman, Microbiology Technical Manager, Central Florida
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC EMLAP 163563

Initial report from: 08/28/2019 10:32:14

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Test Report: Air-O-Cell(™) Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods MICRO-SOP-201, ASTM D7391)

Lab Sample Number:	341913175-0025			341913175-0026			341913175-0027		
Client Sample ID:	2460-25			2460-26			2460-27		
Volume (L):	150			150			150		
Sample Location	2nd Floor West Wing In Interview Room			2nd Floor West Wing In the Public Information Office			2nd Floor in Comon Area Of West Wing		
Spore Types	**Raw Count**	**Count/m³**	**% of Total**	**Raw Count**	**Count/m³**	**% of Total**	**Raw Count**	**Count/m³**	**% of Total**
Alternaria (Ulocladium)	-	-	-	-	-	-	-	-	-
Ascospores	4	80	14.3	1	20	6.7	1	20	14.3
Aspergillus/Penicillium	4	80	14.3	6	100	33.3	4	80	57.1
Basidiospores	5	100	17.9	2	40	13.3	-	-	-
Bipolaris++	-	-	-	-	-	-	-	-	-
Chaetomium	-	-	-	-	-	-	-	-	-
Cladosporium	2	40	7.1	-	-	-	-	-	-
Curvularia	8	200	35.7	2	40	13.3	1	20	14.3
Epicoccum	-	-	-	-	-	-	-	-	-
Fusarium	-	-	-	-	-	-	-	-	-
Ganoderma	-	-	-	2	40	13.3	-	-	-
Myxomycetes++	2	40	7.1	1	20	6.7	1	20	14.3
Pithomyces++	-	-	-	-	-	-	-	-	-
Rust	-	-	-	-	-	-	-	-	-
Stachybotrys/Memnoniella	-	-	-	-	-	-	-	-	-
Unidentifiable Spores	-	-	-	-	-	-	-	-	-
Ascotricha / Dicyma	-	-	-	-	-	-	-	-	-
Blakeslea/Choanephora	-	-	-	-	-	-	-	-	-
Nigrospora	-	-	-	-	-	-	-	-	-
Pestalotia/Pestalotiopsis	-	-	-	1	20	6.7	-	-	-
Pyricularia	-	-	-	1	20	6.7	-	-	-
Scolecobasidium / Ochroco	-	-	-	-	-	-	-	-	-
Spegazzinia	1	20	3.6	-	-	-	-	-	-
Sporidesmium-like	-	-	-	-	-	-	-	-	-
Total Fungi	**26**	**560**	**100**	**16**	**300**	**100**	**7**	**140**	**100**
Hyphal Fragment	7	100	-	1	20	-	2	40	-
Insect Fragment	-	-	-	-	-	-	-	-	-
Pollen	1	20	-	1	20	-	-	-	-

++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.

No discernable field blank was submitted with this group of samples.

Yessica Martinez Seeman, Microbiology Technical Manager, Central Florida
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC EMLAP 163563

Initial report from: 08/28/2019 10:32:14

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Project ID:

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Project: M3010.1437.0006.27 Alabama 36633

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Received: 08/23/2019
Analyzed: 08/27/2019 - 08/28/2019

Test Report: Air-O-Cell(™) Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods MICRO-SOP-201, ASTM D7391)

Lab Sample Number:	341913175-0025			341913175-0026			341913175-0027		
Client Sample ID:	2460-25			2460-26			2460-27		
Volume (L):	150			150			150		
Sample Location	2nd Floor West Wing In Interview Room			2nd Floor West Wing In the Public Information Office			2nd Floor in Comon Area Of West Wing		
Spore Types	**Raw Count**	**Count/m³**	**% of Total**	**Raw Count**	**Count/m³**	**% of Total**	**Raw Count**	**Count/m³**	**% of Total**
Analyt. Sensitivity 600x	-	21	-	-	21	-	-	21	-
Analyt. Sensitivity 300x	-	7*	-	-	7*	-	-	7*	-
Skin Fragments (1-4)	-	1	-	-	2	-	-	1	-
Fibrous Particulate (1-4)	-	1	-	-	1	-	-	1	-
Background (1-5)	-	2	-	-	2	-	-	1	-

++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.

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Yessica Martinez Seeman, Microbiology Technical Manager, Central Florida
or other approved signatory

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Initial report from: 08/28/2019 10:32:14

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Collected: 08/20/2019
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Test Report: Air-O-Cell(™) Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods MICRO-SOP-201, ASTM D7391)

Lab Sample Number:	341913175-0028			341913175-0029			341913175-0030		
Client Sample ID:	2460-28			2460-29			2460-30		
Volume (L):	150			150			150		
Sample Location	2nd Floor In The Joint Operations Command Room			2nd Floor East Wing Identification/Crime Scene Unit Office			2nd Floor Break Room/Kitchen		
Spore Types	**Raw Count**	**Count/m³**	**% of Total**	**Raw Count**	**Count/m³**	**% of Total**	**Raw Count**	**Count/m³**	**% of Total**
Alternaria (Ulocladium)	-	-	-	-	-	-	-	-	-
Ascospores	-	-	-	-	-	-	-	-	-
Aspergillus/Penicillium	1	20	33.3	1	20	22	1	20	74.1
Basidiospores	1	20	33.3	-	-	-	-	-	-
Bipolaris++	-	-	-	1	20	22	-	-	-
Chaetomium	-	-	-	-	-	-	-	-	-
Cladosporium	-	-	-	-	-	-	-	-	-
Curvularia	-	-	-	2*	10*	11	-	-	-
Epicoccum	-	-	-	-	-	-	-	-	-
Fusarium	-	-	-	-	-	-	-	-	-
Ganoderma	-	-	-	1*	7*	7.7	-	-	-
Myxomycetes++	-	-	-	1	20	22	-	-	-
Pithomyces++	-	-	-	1*	7*	7.7	1*	7*	25.9
Rust	-	-	-	-	-	-	-	-	-
Stachybotrys/Memnoniella	-	-	-	-	-	-	-	-	-
Unidentifiable Spores	-	-	-	-	-	-	-	-	-
Ascotricha / Dicyma	-	-	-	-	-	-	-	-	-
Blakeslea/Choanephora	-	-	-	-	-	-	-	-	-
Nigrospora	-	-	-	1*	7*	7.7	-	-	-
Pestalotia/Pestalotiopsis	1	20	33.3	-	-	-	-	-	-
Pyricularia	-	-	-	-	-	-	-	-	-
Scolecobasidium / Ochroco	-	-	-	-	-	-	-	-	-
Spegazzinia	-	-	-	-	-	-	-	-	-
Sporidesmium-like	-	-	-	-	-	-	-	-	-
Total Fungi	**3**	**60**	**100**	**8**	**91**	**100**	**2**	**27**	**100**
Hyphal Fragment	1	20	-	2*	10*	-	1*	7*	-
Insect Fragment	-	-	-	-	-	-	-	-	-
Pollen	-	-	-	1*	7*	-	-	-	-

++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.

No discernable field blank was submitted with this group of samples.

Yessica Martinez Seeman, Microbiology Technical Manager, Central Florida
or other approved signatory

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Test Report: Air-O-Cell(™) Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods MICRO-SOP-201, ASTM D7391)

Lab Sample Number:	341913175-0028			341913175-0029			341913175-0030		
Client Sample ID:	2460-28			2460-29			2460-30		
Volume (L):	150			150			150		
Sample Location	2nd Floor In The Joint Operations Command Room			2nd Floor East Wing Identification/Crime Scene Unit Office			2nd Floor Break Room/Kitchen		
Spore Types	**Raw Count**	**Count/m³**	**% of Total**	**Raw Count**	**Count/m³**	**% of Total**	**Raw Count**	**Count/m³**	**% of Total**
Analyt. Sensitivity 600x	-	21	-	-	21	-	-	21	-
Analyt. Sensitivity 300x	-	7*	-	-	7*	-	-	7*	-
Skin Fragments (1-4)	-	2	-	-	2	-	-	1	-
Fibrous Particulate (1-4)	-	1	-	-	1	-	-	1	-
Background (1-5)	-	1	-	-	2	-	-	1	-

++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.

No discernable field blank was submitted with this group of samples.

Yessica Martinez Seeman, Microbiology Technical Manager, Central Florida
or other approved signatory

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Test Report: Air-O-Cell(™) Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods MICRO-SOP-201, ASTM D7391)

Lab Sample Number:	341913175-0031			341913175-0032			341913175-0033		
Client Sample ID:	2460-31			2460-32			2460-33		
Volume (L):	150			150			150		
Sample Location	2nd Floor Room 212 E, North Side			2nd Floor Room 231 E, Near Lobby			Inside Evidence Trailer Near East Side Of Building		
Spore Types	**Raw Count**	**Count/m³**	**% of Total**	**Raw Count**	**Count/m³**	**% of Total**	**Raw Count**	**Count/m³**	**% of Total**
Alternaria (Ulocladium)	-	-	-	-	-	-	-	-	-
Ascospores	-	-	-	1	20	20	-	-	-
Aspergillus/Penicillium	8	200	90.9	2	40	40	3	60	50
Basidiospores	-	-	-	-	-	-	-	-	-
Bipolaris++	-	-	-	-	-	-	-	-	-
Chaetomium	-	-	-	-	-	-	-	-	-
Cladosporium	-	-	-	-	-	-	-	-	-
Curvularia	1	20	9.1	1	20	20	1	20	16.7
Epicoccum	-	-	-	-	-	-	-	-	-
Fusarium	-	-	-	-	-	-	-	-	-
Ganoderma	-	-	-	-	-	-	-	-	-
Myxomycetes++	-	-	-	-	-	-	-	-	-
Pithomyces++	-	-	-	-	-	-	2	40	33.3
Rust	-	-	-	-	-	-	-	-	-
Stachybotrys/Memnoniella	-	-	-	-	-	-	-	-	-
Unidentifiable Spores	-	-	-	-	-	-	-	-	-
Ascotricha / Dicyma	-	-	-	-	-	-	-	-	-
Blakeslea/Choanephora	-	-	-	-	-	-	-	-	-
Nigrospora	-	-	-	1	20	20	-	-	-
Pestalotia/Pestalotiopsis	-	-	-	-	-	-	-	-	-
Pyricularia	-	-	-	-	-	-	-	-	-
Scolecobasidium / Ochroco	-	-	-	-	-	-	-	-	-
Spegazzinia	-	-	-	-	-	-	-	-	-
Sporidesmium-like	-	-	-	-	-	-	-	-	-
Total Fungi	**9**	**220**	**100**	**5**	**100**	**100**	**6**	**120**	**100**
Hyphal Fragment	-	-	-	-	-	-	-	-	-
Insect Fragment	-	-	-	-	-	-	-	-	-
Pollen	-	-	-	1	20	-	-	-	-

++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.

No discernable field blank was submitted with this group of samples.

Yessica Martinez Seeman, Microbiology Technical Manager, Central Florida
or other approved signatory

Initial report from: 08/28/2019 10:32:14

For information on the fungi listed in this report, please visit the Resources section at www.emsl.com

EMSL Analytical, Inc.

3303 PARKWAY CENTER COURT Orlando, FL 32808
Tel/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com / orlandolab@emsl.com

EMSL Order: 341913175
Customer ID: AERO72B
Customer PO:
Project ID:

Attn: Mason Stevenson
Aerostar SES LLC
3749 N Causeway Boulevard
Suite A
Metairie, LA 70002
Project: M3010.1437.0006.27 Alabama 36633

Phone: (504) 486-8368
Fax: (504) 486-8360
Collected: 08/20/2019
Received: 08/23/2019
Analyzed: 08/27/2019 - 08/28/2019

Test Report: Air-O-Cell(™) Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods MICRO-SOP-201, ASTM D7391)

Lab Sample Number:	341913175-0031			341913175-0032			341913175-0033		
Client Sample ID:	2460-31			2460-32			2460-33		
Volume (L):	150			150			150		
Sample Location	2nd Floor Room 212 E, North Side			2nd Floor Room 231 E, Near Lobby			Inside Evidence Trailer Near East Side Of Building		
Spore Types	**Raw Count**	**Count/m³**	**% of Total**	**Raw Count**	**Count/m³**	**% of Total**	**Raw Count**	**Count/m³**	**% of Total**
Analyt. Sensitivity 600x	-	21	-	-	21	-	-	21	-
Analyt. Sensitivity 300x	-	7*	-	-	7*	-	-	7*	-
Skin Fragments (1-4)	-	1	-	-	2	-	-	1	-
Fibrous Particulate (1-4)	-	1	-	-	1	-	-	1	-
Background (1-5)	-	3	-	-	2	-	-	2	-

++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.

No discernable field blank was submitted with this group of samples.

Yessica Martinez Seeman, Microbiology Technical Manager, Central Florida
or other approved signatory

Samples received in good condition unless otherwise noted. High levels of background particulate can obscure spores and other particulates, leading to underestimation. Background levels of 5 indicate an overloading of background particulates, prohibiting accurate detection and quantification. Present = Spores detected on overloaded samples. Results are not blank corrected unless otherwise noted. The detection limit is equal to one fungal spore, structure, pollen, fiber particle or insect fragment. "*" Denotes particles found at 300X. "-" Denotes not detected. Due to method stopping rules, raw counts in excess of 100 are extrapolated based on the percentage analyzed. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. The report reflects the samples as received. When the information supplied by the customer can affect the validity of the result, it will be noted on the report.

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC EMLAP 163563

Initial report from: 08/28/2019 10:32:14

For information on the fungi listed in this report, please visit the Resources section at www.emsl.com

OrderID: 341913175

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Microbiology Chain of Custody

EMSL Order Number (*Lab Use Only*): 341913175

EMSL ANALYTICAL, INC.
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077
PHONE: (800) 220-3675
FAX:(856) 786-0262

Company Name: Aerostar SES	**EMSL-Bill to:** ☑ Same ☐ Different If Bill to is Different note Instructions in Comments
Street: 3749 North Causeway Blvd, Suite A	*Third Party Billing requires written authorization from third party*
City: Metairie **State/Province:** LA	**Zip/Postal Code:** **Country:**
Report To (Name): Mason Stevenson	**Telephone #:**
Email Address: mstevenson@aerostar.net	**Fax #:** **Purchase Order:**
Project Name/Number: M3010.1437.0006.27	**Please Provide Results:** ☐ Fax ■ Email

U.S. State Samples Taken: Alabama **Project Zip Code:** 36633 **Connecticut Samples:** ☐ Commercial ☐ Residential

Sterile, Sodium Thiosulfate Preserved Bottle Used: ☐ **Biocide Used in Source (specify):** ☐

Public Water Supply Samples: ☐ **Note: All results may automatically be reported to DOH if required by state.**

Turnaround Time (TAT) Options - Please Check

☐ 3 Hour	☐ 6 Hour	☐ 24 Hour	☐ 48 Hour	■ 72 Hour	☐ 96 Hour	☐ 1 Week	☐ 2 Week

Microbiology Test Codes

M001 Air-O-Cell
M174 MoldSnap
M030 Micro 5
M032 Allergenco-D
M041 Fungal Direct Examination
M169 Pollen ID & Enumeration
M280 Dust Characterization Level-1
M281 Dust Characterization Level-2
M005 Viable Fungi- Air Samples (Genus ID & Count)
M006 Viable Fungi- Air Samples (Includes *Penicillium, Aspergillus, Cladosporium, Stachybotrys* Species ID & Count)
M007 Culturable fungi - Surface Samples (Genus ID & Count)
M008 Culturable fungi - Surface Samples (Includes *Penicillium, Aspergillus, Cladosporium, Stachybotrys* Species ID & Count)
M009 Bacteria Culture Gram Stain & Count
M010 Bacteria Count & ID - 3 Most Prominent
M011 Bactena Count & ID - 5 Most Prominent

M012 *Pseudomonas aeruginosa* (P/A***)
M024 *Pseudomonas aeruginosa* (MFT*)
M015 Heterotrophic Plate Count
M017 Total Coliform & *E. coli* (Colilert P/A***)
M018 Total Coliform & *E. coli* (MFT*)
M114 Total Coliform & *E. coli* Enumeration (Colilert MPN**)
M019 Fecal Coliform (MFT*)
M020 Fecal *Streptococcus* (MFT*)
M029 *Enterococci* (MFT*)
M129 *Enterococci* (Enterolert P/A***)
M180 Real Time qPCR-ERMI 36 Panel
M025 Sewage Screen –Water (MFT*)

M115 Sewage Screen - Water (P/A***)
M116 Sewage Screen - Water (MPN**)
M117 Sewage Screen - Swab (P/A***)
M013 Sewage Screen - Swab (MFT*)
M133 *Methicillin-resistant Staph. aureus* (MRSA)
M031 Rapid-growing non-TB *Mycobacteria* Detection & Enumeration
M014 Endotoxin Analysis
M044 Group Allergen (Cat, Dog, Cockroach, Dust Mite)
Other See Analytical Price Guide
***Legionella* Analysis** Please use EMSL *Legionella* COC

*MFT= Membrane Filtration Technique
**MPN= Most Probable Number
***P/A= Presence/Absence

Name of Sampler: Mason Stevenson **Signature of Sampler:**

Sample #	Sample Location/Description	Sample Type	Potable/ NonPotable (Only for Waters)	Test Code	Volume/ Area	Date/Time Collected	Temperature (°C) (Lab Use Only)
Example A1	Kitchen Sink/Tap	Water	☒ P ☐ NP	M017	100 mL	9/1/13 4:00 PM	
2460-1 Outside	Outside Near Main South Entrance	Air-O-Cell	☐ P ☐ NP	M001	150L	8/20/19	
2460-2	1st Floor Vacant Former Records Office	Air-O-Cell	☐ P ☐ NP	M001	150L	8/20/19	
2460-3	1st Floor Youth Services Office	Air-O-Cell	☐ P ☐ NP	M001	150L	8/20/19	
2460-4	1st Floor Current Records Office	Air-O-Cell	☐ P ☐ NP	M001	150L	8/20/19	
2460-5	1st Floor Purchasing and Receiving	Air-O-Cell	☐ P ☐ NP	M001	150L	8/20/19	

Client Sample # (s): 2460-1 w/Blue - 2460-33 **Total # of Samples:** 33 **Samples Received Chilled?** Yes / No (Lab Use Only)

Relinquished (Client): Mason Stevenson **Date:** 8/22/2019 **Time:** 1300

Received (Lab): [signature] **Date:** 8/23/19 **Time:** 9:10

Comments/Special Instructions:

Controlled Document – COC-34 Micro R8 11/14/2017

OrderID: 341913175

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Microbiology Chain of Custody

EMSL Order Number (*Lab Use Only*): 341913175

EMSL ANALYTICAL, INC.
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077
PHONE: (800) 220-3675
FAX:(856) 786-0262

Additional pages of the chain of custody are only necessary if needed for additional sample information.

Sample #	Sample Location/Description	Sample Type	Potable/ NonPotable (Only for Waters)	Test Code	Volume/ Area	Date/Time Collected	Temperature (°C) (Lab Use Only)
2460-6	1st Floor Captain B. Rowland's Office	Air-O-Cell	☐P ☐NP	M001	150L	8/20/19	
2460-7	1st Floor Room 128E	Air-O-Cell	☐P ☐NP	M001	150L	8/20/19	
2460-8	1st Floor Rm 118E Major Phillip McCrary's Office	Air-O-Cell	☐P ☐NP	M001	150L	8/20/19	
2460-9	1st Floor Major Linda Tims's Office	Air-O-Cell	☐P ☐NP	M001	150L	8/20/19	
2460-10	1st Floor Room 110 Computer Networking Office	Air-O-Cell	☐P ☐NP	M001	150L	8/20/19	
2460-11	1st Floor Chief of Staff Lobby/Waiting Room	Air-O-Cell	☐P ☐NP	M001	150L	8/20/19	
2460-12	Basement in Sergeant Sherrod Phillip's Office	Air-O-Cell	☐P ☐NP	M001	150L	8/21/19	
2460-13	Basement Chiller Pump Room	Air-O-Cell	☐P ☐NP	M001	150L	8/21/19	
2460-14	Basement Property Office	Air-O-Cell	☐P ☐NP	M001	150L	8/21/19	
2460-15	Basement in Misdemeanor Evidence Storage Room	Air-O-Cell	☐P ☐NP	M001	150L	8/21/19	
2460-16	Basement Near Evidence Locker	Air-O-Cell	☐P ☐NP	M001	150L	8/21/19	
2460-17	Basement in Gun Evidence Storage Area	Air-O-Cell	☐P ☐NP	M001	150L	8/21/19	
2460-18	Basement in Major Crimes Evidence Storage Room	Air-O-Cell	☐P ☐NP	M001	150L	8/21/19	
2460-19	Basement in Homicide Evidence Storage Room	Air-O-Cell	☐P ☐NP	M001	150L	8/21/19	
2460-20	Basement in Secondary Major Crimes Storage Room	Air-O-Cell	☐P ☐NP	M001	150L	8/21/19	
2460-21	Basement in Common Area Near Elevator	Air-O-Cell	☐P ☐NP	M001	150L	8/21/19	
2460-22 Outside	Outside Near Southwestern Corner of Building	Air-O-Cell	☐P ☐NP	M001	150L	8/21/19	
2460-23	2nd Floor in Payroll / Personnel Office	Air-O-Cell	☐P ☐NP	M001	150L	8/21/19	
2460-24	2nd Floor West Wing in Planning and Research Unit Office	Air-O-Cell	☐P ☐NP	M001	150L	8/21/19	
2460-25	2nd Floor West Wing in Interview Room	Air-O-Cell	☐P ☐NP	M001	150L	8/21/19	
2460-26	2nd Floor West Wing in the Public Information Office	Air-O-Cell	☐P ☐NP	M001	150L	8/21/19	
2460-27	2nd Floor in Common Area of West Wing	Air-O-Cell	☐P ☐NP	M001	150L	8/21/19	
2460-28	2nd Floor in the Joint Operations Command Room	Air-O-Cell	☐P ☐NP	M001	150L	8/21/19	

Comments/Special Instructions:

Controlled Document – COC-34 Micro R8 11/14/2017

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LABORATORY PRODUCTS | TRAINING

Microbiology Chain of Custody

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CINNAMINSON, NJ 08077
PHONE: (800) 220-3675
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Company Name: Aerostar SES	**EMSL-Bill to:** ☑ Same ☐ Different If Bill to is Different note instructions in Comments
Street: 3749 North Causeway Blvd, Suite A	*Third Party Billing requires written authorization from third party.*
City: Metairie **State/Province:** LA	**Zip/Postal Code:** **Country:**
Report To (Name): Mason Stevenson	**Telephone #:**
Email Address: mstevenson@aerostar.net	**Fax #:** **Purchase Order:**
Project Name/Number: M3010.1437.0006.27	**Please Provide Results:** ☐ Fax ■ Email
U.S. State Samples Taken: Alabama **Project Zip Code:** 36633	**Connecticut Samples:** ☐ Commercial ☐ Residential
Sterile, Sodium Thiosulfate Preserved Bottle Used: ☐ **Biocide Used in Source (specify):** ☐	
Public Water Supply Samples: ☐ **Note: All results may automatically be reported to DOH if required by state.**	

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☐ 3 Hour	☐ 6 Hour	☐ 24 Hour	☐ 48 Hour	■ 72 Hour	☐ 96 Hour	☐ 1 Week	☐ 2 Week

Microbiology Test Codes

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M030 Micro 5
M174 MoldSnap
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M006 Viable Fungi- Air Samples (Includes *Penicillium, Aspergillus, Cladosporium, Stachybotrys* Species ID & Count)
M007 Culturable fungi - Surface Samples (Genus ID & Count)
M008 Culturable fungi - Surface Samples (Includes *Penicillium, Aspergillus, Cladosporium, Stachybotrys* Species ID & Count)
M009 Bacteria Culture Gram Stain & Count
M010 Bacteria Count & ID - 3 Most Prominent
M011 Bacteria Count & ID - 5 Most Prominent

M012 *Pseudomonas aeruginosa* (P/A***)
M024 *Pseudomonas aeruginosa* (MFT*)
M015 Heterotrophic Plate Count
M017 Total Coliform & *E. coli* (Colilert P/A***)
M018 Total Coliform & *E. coli* (MFT*)
M114 Total Coliform & *E. coli* Enumeration (Colilert MPN**)
M019 Fecal Coliform (MFT*)
M020 Fecal *Streptococcus* (MFT*)
M029 *Enterococci* (MFT*)
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M180 Real Time qPCR-ERMI 36 Panel
M025 Sewage Screen –Water (MFT*)

M115 Sewage Screen - Water (P/A***)
M116 Sewage Screen - Water (MPN**)
M117 Sewage Screen - Swab (P/A***)
M013 Sewage Screen - Swab (MFT*)
M133 *Methicillin-resistant Staph. aureus* (MRSA)
M031 Rapid-growing non-TB *Mycobacteria* Detection & Enumeration
M014 Endotoxin Analysis
M044 Group Allergen (Cat, Dog, Cockroach, Dust Mite)
Other See Analytical Price Guide
***Legionella* Analysis** Please use EMSL *Legionella* COC

*MFT= Membrane Filtration Technique
**MPN= Most Probable Number
***P/A= Presence/Absence

Name of Sampler: Mason Stevenson **Signature of Sampler:**

Sample #	Sample Location/Description	Sample Type	Potable/ NonPotable (Only for Waters)	Test Code	Volume/ Area	Date/Time Collected	Temperature (°C) (Lab Use Only)
Example A1	Kitchen Sink/Tap	Water	☒ P ☐ NP	M017	100 mL	9/1/13 4:00 PM	
2460-29	2nd Floor East Wing Identification/Crime Scene Unit Office	Air-O-Cell	☐ P ☐ NP	M001	150L	8/21/19	
2460-30	2nd Floor Break Room/Kitchen	Air-O-Cell	☐ P ☐ NP	M001	150L	8/21/19	
2460-31	2nd Floor Room 212 E, North Side	Air-O-Cell	☐ P ☐ NP	M001	150L	8/21/19	
2460-32	2nd Floor Room 231 E, Near Lobby	Air-O-Cell	☐ P ☐ NP	M001	150L	8/21/19	
2460-33	Inside Evidence Trailer Near East Side of Building	Air-O-Cell	☐ P ☐ NP	M001	150L	8/21/19	

Client Sample # (s): -
Total # of Samples: 33
Samples Received Chilled? Yes / No (Lab Use Only)

Relinquished (Client): **Date:** 8/22/2019 **Time:**
Received (Lab): **Date:** **Time:**
Comments/Special Instructions:

Controlled Document – COC-34 Micro R8 11/14/2017

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

September 03, 2019

Mason Stevenson
AerostarSES LLC
3749 N Causeway Boulevard
Metairie, LA 70002

RE: Project: M3010.1437.0006.277 Police Hea
Pace Project No.: 10488946

Dear Mason Stevenson:
Enclosed are the analytical results for sample(s) received by the laboratory on August 26, 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

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

CERTIFICATIONS

Project: M3010.1437.0006.277 Police Hea
Pace Project No.: 10488946

Minnesota Certification IDs

1700 Elm Street SE, Minneapolis, MN 55414-2485
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
Michigan Certification #: 9909
Minnesota Certification #: 027-053-137
Minnesota Dept of Ag Certifcation #: 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

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

SAMPLE SUMMARY

Project: M3010.1437.0006.277 Police Hea
Pace Project No.: 10488946

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10488946001	**2460-1 VOC**	Air	08/21/19 16:02	08/26/19 09:30
10488946002	**2460-2 VOC**	Air	08/21/19 16:04	08/26/19 09:30
10488946003	**2460-3 VOC**	Air	08/21/19 16:00	08/26/19 09:30
10488946004	**2460-4 VOC**	Air	08/21/19 16:07	08/26/19 09:30
10488946005	**2460-5 VOC**	Air	08/21/19 16:10	08/26/19 09:30
10488946006	**2460-6 VOC**	Air	08/21/19 16:15	08/26/19 09:30

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

SAMPLE ANALYTE COUNT

Project: M3010.1437.0006.277 Police Hea
Pace Project No.: 10488946

Lab ID	Sample ID	Method	Analysts	Analytes Reported
10488946001	2460-1 VOC	TO-15	MJL	61
10488946002	2460-2 VOC	TO-15	MJL	61
10488946003	2460-3 VOC	TO-15	MJL	61
10488946004	2460-4 VOC	TO-15	MJL	61
10488946005	2460-5 VOC	TO-15	MJL	61
10488946006	2460-6 VOC	TO-15	MJL	61

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: M3010.1437.0006.277 Police Hea
Pace Project No.: 10488946

Sample: 2460-1 VOC **Lab ID: 10488946001** Collected: 08/21/19 16:02 Received: 08/26/19 09:30 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
Acetone	**45.5**	ug/m3	3.7	1.55		08/31/19 21:48	67-64-1	
Benzene	**0.97**	ug/m3	0.50	1.55		08/31/19 21:48	71-43-2	
Bromodichloromethane	ND	ug/m3	2.1	1.55		08/31/19 21:48	75-27-4	
Bromoform	ND	ug/m3	8.1	1.55		08/31/19 21:48	75-25-2	
Bromomethane	ND	ug/m3	1.2	1.55		08/31/19 21:48	74-83-9	
1,3-Butadiene	ND	ug/m3	0.70	1.55		08/31/19 21:48	106-99-0	
2-Butanone (MEK)	**4.8**	ug/m3	4.6	1.55		08/31/19 21:48	78-93-3	
Carbon disulfide	**108**	ug/m3	0.98	1.55		08/31/19 21:48	75-15-0	
Carbon tetrachloride	ND	ug/m3	2.0	1.55		08/31/19 21:48	56-23-5	
Chlorobenzene	ND	ug/m3	1.5	1.55		08/31/19 21:48	108-90-7	
Chloroethane	ND	ug/m3	0.83	1.55		08/31/19 21:48	75-00-3	
Chloroform	**0.79**	ug/m3	0.77	1.55		08/31/19 21:48	67-66-3	
Chloromethane	**1.4**	ug/m3	0.65	1.55		08/31/19 21:48	74-87-3	
Cyclohexane	ND	ug/m3	2.7	1.55		08/31/19 21:48	110-82-7	
Dibromochloromethane	ND	ug/m3	2.7	1.55		08/31/19 21:48	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	1.2	1.55		08/31/19 21:48	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	1.9	1.55		08/31/19 21:48	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	1.9	1.55		08/31/19 21:48	541-73-1	
1,4-Dichlorobenzene	**113**	ug/m3	4.7	1.55		08/31/19 21:48	106-46-7	
Dichlorodifluoromethane	**2.5**	ug/m3	1.6	1.55		08/31/19 21:48	75-71-8	
1,1-Dichloroethane	ND	ug/m3	1.3	1.55		08/31/19 21:48	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.64	1.55		08/31/19 21:48	107-06-2	
1,1-Dichloroethene	ND	ug/m3	1.2	1.55		08/31/19 21:48	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	1.2	1.55		08/31/19 21:48	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.2	1.55		08/31/19 21:48	156-60-5	
1,2-Dichloropropane	ND	ug/m3	1.5	1.55		08/31/19 21:48	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	1.4	1.55		08/31/19 21:48	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	1.4	1.55		08/31/19 21:48	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.2	1.55		08/31/19 21:48	76-14-2	
Ethanol	**506**	ug/m3	3.0	1.55		08/31/19 21:48	64-17-5	E
Ethyl acetate	**2.0**	ug/m3	1.1	1.55		08/31/19 21:48	141-78-6	
Ethylbenzene	ND	ug/m3	1.4	1.55		08/31/19 21:48	100-41-4	
4-Ethyltoluene	ND	ug/m3	3.9	1.55		08/31/19 21:48	622-96-8	
n-Heptane	**4.6**	ug/m3	1.3	1.55		08/31/19 21:48	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	8.4	1.55		08/31/19 21:48	87-68-3	
n-Hexane	**4.3**	ug/m3	1.1	1.55		08/31/19 21:48	110-54-3	
2-Hexanone	ND	ug/m3	6.4	1.55		08/31/19 21:48	591-78-6	
Methylene Chloride	ND	ug/m3	5.5	1.55		08/31/19 21:48	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	6.4	1.55		08/31/19 21:48	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	5.7	1.55		08/31/19 21:48	1634-04-4	
Naphthalene	ND	ug/m3	4.1	1.55		08/31/19 21:48	91-20-3	
2-Propanol	**18.2**	ug/m3	3.9	1.55		08/31/19 21:48	67-63-0	
Propylene	**3.4**	ug/m3	0.54	1.55		08/31/19 21:48	115-07-1	
Styrene	ND	ug/m3	1.3	1.55		08/31/19 21:48	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	1.1	1.55		08/31/19 21:48	79-34-5	
Tetrachloroethene	**2.5**	ug/m3	1.1	1.55		08/31/19 21:48	127-18-4	
Tetrahydrofuran	ND	ug/m3	0.93	1.55		08/31/19 21:48	109-99-9	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: M3010.1437.0006.277 Police Hea
Pace Project No.: 10488946

Sample: 2460-1 VOC **Lab ID: 10488946001** Collected: 08/21/19 16:02 Received: 08/26/19 09:30 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
THC as Gas	**906**	ug/m3	161	1.55		08/31/19 21:48		
Toluene	**7.5**	ug/m3	1.2	1.55		08/31/19 21:48	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	11.7	1.55		08/31/19 21:48	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	1.7	1.55		08/31/19 21:48	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.86	1.55		08/31/19 21:48	79-00-5	
Trichloroethene	ND	ug/m3	0.85	1.55		08/31/19 21:48	79-01-6	
Trichlorofluoromethane	ND	ug/m3	1.8	1.55		08/31/19 21:48	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.4	1.55		08/31/19 21:48	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/m3	1.5	1.55		08/31/19 21:48	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.5	1.55		08/31/19 21:48	108-67-8	
Vinyl acetate	ND	ug/m3	1.1	1.55		08/31/19 21:48	108-05-4	
Vinyl chloride	ND	ug/m3	0.40	1.55		08/31/19 21:48	75-01-4	
m&p-Xylene	**3.9**	ug/m3	2.7	1.55		08/31/19 21:48	179601-23-1	
o-Xylene	ND	ug/m3	1.4	1.55		08/31/19 21:48	95-47-6	

Sample: 2460-2 VOC **Lab ID: 10488946002** Collected: 08/21/19 16:04 Received: 08/26/19 09:30 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
Acetone	**51.1**	ug/m3	3.4	1.41		08/31/19 22:17	67-64-1	
Benzene	**0.80**	ug/m3	0.46	1.41		08/31/19 22:17	71-43-2	
Bromodichloromethane	ND	ug/m3	1.9	1.41		08/31/19 22:17	75-27-4	
Bromoform	ND	ug/m3	7.4	1.41		08/31/19 22:17	75-25-2	
Bromomethane	ND	ug/m3	1.1	1.41		08/31/19 22:17	74-83-9	
1,3-Butadiene	ND	ug/m3	0.63	1.41		08/31/19 22:17	106-99-0	
2-Butanone (MEK)	ND	ug/m3	4.2	1.41		08/31/19 22:17	78-93-3	
Carbon disulfide	ND	ug/m3	0.89	1.41		08/31/19 22:17	75-15-0	
Carbon tetrachloride	ND	ug/m3	1.8	1.41		08/31/19 22:17	56-23-5	
Chlorobenzene	ND	ug/m3	1.3	1.41		08/31/19 22:17	108-90-7	
Chloroethane	ND	ug/m3	0.76	1.41		08/31/19 22:17	75-00-3	
Chloroform	**1.4**	ug/m3	0.70	1.41		08/31/19 22:17	67-66-3	
Chloromethane	**1.6**	ug/m3	0.59	1.41		08/31/19 22:17	74-87-3	
Cyclohexane	**3.6**	ug/m3	2.5	1.41		08/31/19 22:17	110-82-7	
Dibromochloromethane	ND	ug/m3	2.4	1.41		08/31/19 22:17	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	1.1	1.41		08/31/19 22:17	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	1.7	1.41		08/31/19 22:17	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	1.7	1.41		08/31/19 22:17	541-73-1	
1,4-Dichlorobenzene	**195**	ug/m3	4.3	1.41		08/31/19 22:17	106-46-7	
Dichlorodifluoromethane	**2.6**	ug/m3	1.4	1.41		08/31/19 22:17	75-71-8	
1,1-Dichloroethane	ND	ug/m3	1.2	1.41		08/31/19 22:17	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.58	1.41		08/31/19 22:17	107-06-2	
1,1-Dichloroethene	ND	ug/m3	1.1	1.41		08/31/19 22:17	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	1.1	1.41		08/31/19 22:17	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.1	1.41		08/31/19 22:17	156-60-5	
1,2-Dichloropropane	ND	ug/m3	1.3	1.41		08/31/19 22:17	78-87-5	

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ANALYTICAL RESULTS

Project: M3010.1437.0006.277 Police Hea
Pace Project No.: 10488946

Sample: 2460-2 VOC **Lab ID: 10488946002** Collected: 08/21/19 16:04 Received: 08/26/19 09:30 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
cis-1,3-Dichloropropene	ND	ug/m3	1.3	1.41		08/31/19 22:17	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	1.3	1.41		08/31/19 22:17	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.0	1.41		08/31/19 22:17	76-14-2	
Ethanol	**163**	ug/m3	2.7	1.41		08/31/19 22:17	64-17-5	
Ethyl acetate	**2.1**	ug/m3	1.0	1.41		08/31/19 22:17	141-78-6	
Ethylbenzene	ND	ug/m3	1.2	1.41		08/31/19 22:17	100-41-4	
4-Ethyltoluene	ND	ug/m3	3.5	1.41		08/31/19 22:17	622-96-8	
n-Heptane	**3.3**	ug/m3	1.2	1.41		08/31/19 22:17	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	7.6	1.41		08/31/19 22:17	87-68-3	
n-Hexane	**2.1**	ug/m3	1.0	1.41		08/31/19 22:17	110-54-3	
2-Hexanone	ND	ug/m3	5.9	1.41		08/31/19 22:17	591-78-6	
Methylene Chloride	ND	ug/m3	5.0	1.41		08/31/19 22:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	5.9	1.41		08/31/19 22:17	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	5.2	1.41		08/31/19 22:17	1634-04-4	
Naphthalene	ND	ug/m3	3.8	1.41		08/31/19 22:17	91-20-3	
2-Propanol	**12.9**	ug/m3	3.5	1.41		08/31/19 22:17	67-63-0	
Propylene	ND	ug/m3	0.49	1.41		08/31/19 22:17	115-07-1	
Styrene	ND	ug/m3	1.2	1.41		08/31/19 22:17	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	0.98	1.41		08/31/19 22:17	79-34-5	
Tetrachloroethene	**1.8**	ug/m3	0.97	1.41		08/31/19 22:17	127-18-4	
Tetrahydrofuran	ND	ug/m3	0.85	1.41		08/31/19 22:17	109-99-9	
THC as Gas	**668**	ug/m3	147	1.41		08/31/19 22:17		
Toluene	**7.6**	ug/m3	1.1	1.41		08/31/19 22:17	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	10.6	1.41		08/31/19 22:17	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	1.6	1.41		08/31/19 22:17	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.78	1.41		08/31/19 22:17	79-00-5	
Trichloroethene	ND	ug/m3	0.77	1.41		08/31/19 22:17	79-01-6	
Trichlorofluoromethane	ND	ug/m3	1.6	1.41		08/31/19 22:17	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.2	1.41		08/31/19 22:17	76-13-1	
1,2,4-Trimethylbenzene	**1.4**	ug/m3	1.4	1.41		08/31/19 22:17	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.4	1.41		08/31/19 22:17	108-67-8	
Vinyl acetate	ND	ug/m3	1.0	1.41		08/31/19 22:17	108-05-4	
Vinyl chloride	ND	ug/m3	0.37	1.41		08/31/19 22:17	75-01-4	
m&p-Xylene	**4.0**	ug/m3	2.5	1.41		08/31/19 22:17	179601-23-1	
o-Xylene	**1.3**	ug/m3	1.2	1.41		08/31/19 22:17	95-47-6	

Sample: 2460-3 VOC **Lab ID: 10488946003** Collected: 08/21/19 16:00 Received: 08/26/19 09:30 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
Acetone	**168**	ug/m3	3.5	1.46		08/31/19 22:46	67-64-1	
Benzene	**1.1**	ug/m3	0.47	1.46		08/31/19 22:46	71-43-2	
Bromodichloromethane	ND	ug/m3	2.0	1.46		08/31/19 22:46	75-27-4	
Bromoform	ND	ug/m3	7.7	1.46		08/31/19 22:46	75-25-2	
Bromomethane	ND	ug/m3	1.2	1.46		08/31/19 22:46	74-83-9	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: M3010.1437.0006.277 Police Hea
Pace Project No.: 10488946

Sample: 2460-3 VOC **Lab ID: 10488946003** Collected: 08/21/19 16:00 Received: 08/26/19 09:30 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
1,3-Butadiene	ND	ug/m3	0.66	1.46		08/31/19 22:46	106-99-0	
2-Butanone (MEK)	**5.7**	ug/m3	4.4	1.46		08/31/19 22:46	78-93-3	
Carbon disulfide	**1.3**	ug/m3	0.92	1.46		08/31/19 22:46	75-15-0	
Carbon tetrachloride	ND	ug/m3	1.9	1.46		08/31/19 22:46	56-23-5	
Chlorobenzene	ND	ug/m3	1.4	1.46		08/31/19 22:46	108-90-7	
Chloroethane	ND	ug/m3	0.78	1.46		08/31/19 22:46	75-00-3	
Chloroform	**2.3**	ug/m3	0.72	1.46		08/31/19 22:46	67-66-3	
Chloromethane	**1.4**	ug/m3	0.61	1.46		08/31/19 22:46	74-87-3	
Cyclohexane	ND	ug/m3	2.6	1.46		08/31/19 22:46	110-82-7	
Dibromochloromethane	ND	ug/m3	2.5	1.46		08/31/19 22:46	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	1.1	1.46		08/31/19 22:46	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	1.8	1.46		08/31/19 22:46	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	1.8	1.46		08/31/19 22:46	541-73-1	
1,4-Dichlorobenzene	**448**	ug/m3	89.4	29.2		09/01/19 12:42	106-46-7	
Dichlorodifluoromethane	**2.4**	ug/m3	1.5	1.46		08/31/19 22:46	75-71-8	
1,1-Dichloroethane	ND	ug/m3	1.2	1.46		08/31/19 22:46	75-34-3	
1,2-Dichloroethane	**0.95**	ug/m3	0.60	1.46		08/31/19 22:46	107-06-2	
1,1-Dichloroethene	ND	ug/m3	1.2	1.46		08/31/19 22:46	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	1.2	1.46		08/31/19 22:46	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.2	1.46		08/31/19 22:46	156-60-5	
1,2-Dichloropropane	ND	ug/m3	1.4	1.46		08/31/19 22:46	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	1.3	1.46		08/31/19 22:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	1.3	1.46		08/31/19 22:46	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.1	1.46		08/31/19 22:46	76-14-2	
Ethanol	**367**	ug/m3	2.8	1.46		08/31/19 22:46	64-17-5	
Ethyl acetate	**2.9**	ug/m3	1.1	1.46		08/31/19 22:46	141-78-6	
Ethylbenzene	ND	ug/m3	1.3	1.46		08/31/19 22:46	100-41-4	
4-Ethyltoluene	ND	ug/m3	3.6	1.46		08/31/19 22:46	622-96-8	
n-Heptane	**4.6**	ug/m3	1.2	1.46		08/31/19 22:46	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	7.9	1.46		08/31/19 22:46	87-68-3	
n-Hexane	**2.5**	ug/m3	1.0	1.46		08/31/19 22:46	110-54-3	
2-Hexanone	ND	ug/m3	6.1	1.46		08/31/19 22:46	591-78-6	
Methylene Chloride	ND	ug/m3	5.2	1.46		08/31/19 22:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	6.1	1.46		08/31/19 22:46	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	5.3	1.46		08/31/19 22:46	1634-04-4	
Naphthalene	ND	ug/m3	3.9	1.46		08/31/19 22:46	91-20-3	
2-Propanol	**34.6**	ug/m3	3.6	1.46		08/31/19 22:46	67-63-0	
Propylene	ND	ug/m3	0.51	1.46		08/31/19 22:46	115-07-1	
Styrene	**1.4**	ug/m3	1.3	1.46		08/31/19 22:46	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	1.0	1.46		08/31/19 22:46	79-34-5	
Tetrachloroethene	ND	ug/m3	1.0	1.46		08/31/19 22:46	127-18-4	
Tetrahydrofuran	**2.2**	ug/m3	0.88	1.46		08/31/19 22:46	109-99-9	
THC as Gas	**1400**	ug/m3	152	1.46		08/31/19 22:46		
Toluene	**6.6**	ug/m3	1.1	1.46		08/31/19 22:46	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	11.0	1.46		08/31/19 22:46	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	1.6	1.46		08/31/19 22:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.81	1.46		08/31/19 22:46	79-00-5	

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ANALYTICAL RESULTS

Project: M3010.1437.0006.277 Police Hea
Pace Project No.: 10488946

Sample: 2460-3 VOC **Lab ID: 10488946003** Collected: 08/21/19 16:00 Received: 08/26/19 09:30 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
Trichloroethene	ND	ug/m3	0.80	1.46		08/31/19 22:46	79-01-6	
Trichlorofluoromethane	ND	ug/m3	1.7	1.46		08/31/19 22:46	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.3	1.46		08/31/19 22:46	76-13-1	
1,2,4-Trimethylbenzene	**1.6**	ug/m3	1.5	1.46		08/31/19 22:46	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.5	1.46		08/31/19 22:46	108-67-8	
Vinyl acetate	ND	ug/m3	1.0	1.46		08/31/19 22:46	108-05-4	
Vinyl chloride	ND	ug/m3	0.38	1.46		08/31/19 22:46	75-01-4	
m&p-Xylene	**4.1**	ug/m3	2.6	1.46		08/31/19 22:46	179601-23-1	
o-Xylene	**1.4**	ug/m3	1.3	1.46		08/31/19 22:46	95-47-6	

Sample: 2460-4 VOC **Lab ID: 10488946004** Collected: 08/21/19 16:07 Received: 08/26/19 09:30 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
Acetone	**124**	ug/m3	3.5	1.44		08/31/19 23:15	67-64-1	
Benzene	**0.90**	ug/m3	0.47	1.44		08/31/19 23:15	71-43-2	
Bromodichloromethane	ND	ug/m3	2.0	1.44		08/31/19 23:15	75-27-4	
Bromoform	ND	ug/m3	7.6	1.44		08/31/19 23:15	75-25-2	
Bromomethane	ND	ug/m3	1.1	1.44		08/31/19 23:15	74-83-9	
1,3-Butadiene	ND	ug/m3	0.65	1.44		08/31/19 23:15	106-99-0	
2-Butanone (MEK)	**6.8**	ug/m3	4.3	1.44		08/31/19 23:15	78-93-3	
Carbon disulfide	**1.3**	ug/m3	0.91	1.44		08/31/19 23:15	75-15-0	
Carbon tetrachloride	ND	ug/m3	1.8	1.44		08/31/19 23:15	56-23-5	
Chlorobenzene	ND	ug/m3	1.3	1.44		08/31/19 23:15	108-90-7	
Chloroethane	ND	ug/m3	0.77	1.44		08/31/19 23:15	75-00-3	
Chloroform	**2.4**	ug/m3	0.71	1.44		08/31/19 23:15	67-66-3	
Chloromethane	**1.6**	ug/m3	0.60	1.44		08/31/19 23:15	74-87-3	
Cyclohexane	**5.6**	ug/m3	2.5	1.44		08/31/19 23:15	110-82-7	
Dibromochloromethane	ND	ug/m3	2.5	1.44		08/31/19 23:15	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	1.1	1.44		08/31/19 23:15	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	1.8	1.44		08/31/19 23:15	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	1.8	1.44		08/31/19 23:15	541-73-1	
1,4-Dichlorobenzene	**475**	ug/m3	88.1	28.8		09/01/19 12:15	106-46-7	
Dichlorodifluoromethane	**2.5**	ug/m3	1.5	1.44		08/31/19 23:15	75-71-8	
1,1-Dichloroethane	ND	ug/m3	1.2	1.44		08/31/19 23:15	75-34-3	
1,2-Dichloroethane	**0.89**	ug/m3	0.59	1.44		08/31/19 23:15	107-06-2	
1,1-Dichloroethene	ND	ug/m3	1.2	1.44		08/31/19 23:15	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	1.2	1.44		08/31/19 23:15	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.2	1.44		08/31/19 23:15	156-60-5	
1,2-Dichloropropane	ND	ug/m3	1.4	1.44		08/31/19 23:15	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	1.3	1.44		08/31/19 23:15	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	1.3	1.44		08/31/19 23:15	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.0	1.44		08/31/19 23:15	76-14-2	
Ethanol	**778**	ug/m3	55.3	28.8		09/01/19 12:15	64-17-5	
Ethyl acetate	**2.2**	ug/m3	1.1	1.44		08/31/19 23:15	141-78-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: M3010.1437.0006.277 Police Hea
Pace Project No.: 10488946

Sample: 2460-4 VOC **Lab ID: 10488946004** Collected: 08/21/19 16:07 Received: 08/26/19 09:30 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
Ethylbenzene	ND	ug/m3	1.3	1.44		08/31/19 23:15	100-41-4	
4-Ethyltoluene	ND	ug/m3	3.6	1.44		08/31/19 23:15	622-96-8	
n-Heptane	**3.4**	ug/m3	1.2	1.44		08/31/19 23:15	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	7.8	1.44		08/31/19 23:15	87-68-3	
n-Hexane	**4.0**	ug/m3	1.0	1.44		08/31/19 23:15	110-54-3	
2-Hexanone	ND	ug/m3	6.0	1.44		08/31/19 23:15	591-78-6	
Methylene Chloride	**13.3**	ug/m3	5.1	1.44		08/31/19 23:15	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	6.0	1.44		08/31/19 23:15	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	5.3	1.44		08/31/19 23:15	1634-04-4	
Naphthalene	ND	ug/m3	3.8	1.44		08/31/19 23:15	91-20-3	
2-Propanol	**25.9**	ug/m3	3.6	1.44		08/31/19 23:15	67-63-0	
Propylene	ND	ug/m3	0.50	1.44		08/31/19 23:15	115-07-1	
Styrene	**1.8**	ug/m3	1.2	1.44		08/31/19 23:15	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	1.0	1.44		08/31/19 23:15	79-34-5	
Tetrachloroethene	ND	ug/m3	0.99	1.44		08/31/19 23:15	127-18-4	
Tetrahydrofuran	**2.0**	ug/m3	0.86	1.44		08/31/19 23:15	109-99-9	
THC as Gas	**2240**	ug/m3	150	1.44		08/31/19 23:15		
Toluene	**6.0**	ug/m3	1.1	1.44		08/31/19 23:15	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	10.9	1.44		08/31/19 23:15	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	1.6	1.44		08/31/19 23:15	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.80	1.44		08/31/19 23:15	79-00-5	
Trichloroethene	ND	ug/m3	0.79	1.44		08/31/19 23:15	79-01-6	
Trichlorofluoromethane	ND	ug/m3	1.6	1.44		08/31/19 23:15	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.2	1.44		08/31/19 23:15	76-13-1	
1,2,4-Trimethylbenzene	**1.5**	ug/m3	1.4	1.44		08/31/19 23:15	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.4	1.44		08/31/19 23:15	108-67-8	
Vinyl acetate	ND	ug/m3	1.0	1.44		08/31/19 23:15	108-05-4	
Vinyl chloride	ND	ug/m3	0.37	1.44		08/31/19 23:15	75-01-4	
m&p-Xylene	**3.7**	ug/m3	2.5	1.44		08/31/19 23:15	179601-23-1	
o-Xylene	**1.4**	ug/m3	1.3	1.44		08/31/19 23:15	95-47-6	

Sample: 2460-5 VOC **Lab ID: 10488946005** Collected: 08/21/19 16:10 Received: 08/26/19 09:30 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
Acetone	**65.6**	ug/m3	3.5	1.44		08/31/19 23:46	67-64-1	
Benzene	**0.88**	ug/m3	0.47	1.44		08/31/19 23:46	71-43-2	
Bromodichloromethane	ND	ug/m3	2.0	1.44		08/31/19 23:46	75-27-4	
Bromoform	ND	ug/m3	7.6	1.44		08/31/19 23:46	75-25-2	
Bromomethane	ND	ug/m3	1.1	1.44		08/31/19 23:46	74-83-9	
1,3-Butadiene	ND	ug/m3	0.65	1.44		08/31/19 23:46	106-99-0	
2-Butanone (MEK)	ND	ug/m3	4.3	1.44		08/31/19 23:46	78-93-3	
Carbon disulfide	**1.6**	ug/m3	0.91	1.44		08/31/19 23:46	75-15-0	
Carbon tetrachloride	ND	ug/m3	1.8	1.44		08/31/19 23:46	56-23-5	
Chlorobenzene	ND	ug/m3	1.3	1.44		08/31/19 23:46	108-90-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
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ANALYTICAL RESULTS

Project: M3010.1437.0006.277 Police Hea
Pace Project No.: 10488946

Sample: 2460-5 VOC **Lab ID: 10488946005** Collected: 08/21/19 16:10 Received: 08/26/19 09:30 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
Chloroethane	ND	ug/m3	0.77	1.44		08/31/19 23:46	75-00-3	
Chloroform	**1.2**	ug/m3	0.71	1.44		08/31/19 23:46	67-66-3	
Chloromethane	**1.2**	ug/m3	0.60	1.44		08/31/19 23:46	74-87-3	
Cyclohexane	**2.9**	ug/m3	2.5	1.44		08/31/19 23:46	110-82-7	
Dibromochloromethane	ND	ug/m3	2.5	1.44		08/31/19 23:46	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	1.1	1.44		08/31/19 23:46	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	1.8	1.44		08/31/19 23:46	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	1.8	1.44		08/31/19 23:46	541-73-1	
1,4-Dichlorobenzene	**380**	ug/m3	11.8	3.86		09/01/19 11:19	106-46-7	
Dichlorodifluoromethane	**2.7**	ug/m3	1.5	1.44		08/31/19 23:46	75-71-8	
1,1-Dichloroethane	ND	ug/m3	1.2	1.44		08/31/19 23:46	75-34-3	
1,2-Dichloroethane	**1.5**	ug/m3	0.59	1.44		08/31/19 23:46	107-06-2	
1,1-Dichloroethene	ND	ug/m3	1.2	1.44		08/31/19 23:46	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	1.2	1.44		08/31/19 23:46	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.2	1.44		08/31/19 23:46	156-60-5	
1,2-Dichloropropane	ND	ug/m3	1.4	1.44		08/31/19 23:46	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	1.3	1.44		08/31/19 23:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	1.3	1.44		08/31/19 23:46	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.0	1.44		08/31/19 23:46	76-14-2	
Ethanol	**182**	ug/m3	2.8	1.44		08/31/19 23:46	64-17-5	
Ethyl acetate	**2.0**	ug/m3	1.1	1.44		08/31/19 23:46	141-78-6	
Ethylbenzene	ND	ug/m3	1.3	1.44		08/31/19 23:46	100-41-4	
4-Ethyltoluene	ND	ug/m3	3.6	1.44		08/31/19 23:46	622-96-8	
n-Heptane	**2.0**	ug/m3	1.2	1.44		08/31/19 23:46	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	7.8	1.44		08/31/19 23:46	87-68-3	
n-Hexane	**21.5**	ug/m3	1.0	1.44		08/31/19 23:46	110-54-3	
2-Hexanone	ND	ug/m3	6.0	1.44		08/31/19 23:46	591-78-6	
Methylene Chloride	**154**	ug/m3	5.1	1.44		08/31/19 23:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	6.0	1.44		08/31/19 23:46	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	5.3	1.44		08/31/19 23:46	1634-04-4	
Naphthalene	ND	ug/m3	3.8	1.44		08/31/19 23:46	91-20-3	
2-Propanol	**38.5**	ug/m3	3.6	1.44		08/31/19 23:46	67-63-0	
Propylene	ND	ug/m3	0.50	1.44		08/31/19 23:46	115-07-1	
Styrene	ND	ug/m3	1.2	1.44		08/31/19 23:46	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	1.0	1.44		08/31/19 23:46	79-34-5	
Tetrachloroethene	**5.0**	ug/m3	0.99	1.44		08/31/19 23:46	127-18-4	
Tetrahydrofuran	ND	ug/m3	0.86	1.44		08/31/19 23:46	109-99-9	
THC as Gas	**1040**	ug/m3	150	1.44		08/31/19 23:46		
Toluene	**7.5**	ug/m3	1.1	1.44		08/31/19 23:46	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	10.9	1.44		08/31/19 23:46	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	1.6	1.44		08/31/19 23:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.80	1.44		08/31/19 23:46	79-00-5	
Trichloroethene	ND	ug/m3	0.79	1.44		08/31/19 23:46	79-01-6	
Trichlorofluoromethane	**1.7**	ug/m3	1.6	1.44		08/31/19 23:46	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.2	1.44		08/31/19 23:46	76-13-1	
1,2,4-Trimethylbenzene	**1.5**	ug/m3	1.4	1.44		08/31/19 23:46	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.4	1.44		08/31/19 23:46	108-67-8	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: M3010.1437.0006.277 Police Hea
Pace Project No.: 10488946

Sample: 2460-5 VOC **Lab ID: 10488946005** Collected: 08/21/19 16:10 Received: 08/26/19 09:30 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
Vinyl acetate	ND	ug/m3	1.0	1.44		08/31/19 23:46	108-05-4	
Vinyl chloride	ND	ug/m3	0.37	1.44		08/31/19 23:46	75-01-4	
m&p-Xylene	**3.3**	ug/m3	2.5	1.44		08/31/19 23:46	179601-23-1	
o-Xylene	ND	ug/m3	1.3	1.44		08/31/19 23:46	95-47-6	

Sample: 2460-6 VOC **Lab ID: 10488946006** Collected: 08/21/19 16:15 Received: 08/26/19 09:30 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
Acetone	**96.4**	ug/m3	3.6	1.49		09/01/19 00:15	67-64-1	
Benzene	**0.82**	ug/m3	0.48	1.49		09/01/19 00:15	71-43-2	
Bromodichloromethane	ND	ug/m3	2.0	1.49		09/01/19 00:15	75-27-4	
Bromoform	ND	ug/m3	7.8	1.49		09/01/19 00:15	75-25-2	
Bromomethane	ND	ug/m3	1.2	1.49		09/01/19 00:15	74-83-9	
1,3-Butadiene	ND	ug/m3	0.67	1.49		09/01/19 00:15	106-99-0	
2-Butanone (MEK)	**18.5**	ug/m3	4.5	1.49		09/01/19 00:15	78-93-3	
Carbon disulfide	**5.7**	ug/m3	0.94	1.49		09/01/19 00:15	75-15-0	
Carbon tetrachloride	ND	ug/m3	1.9	1.49		09/01/19 00:15	56-23-5	
Chlorobenzene	ND	ug/m3	1.4	1.49		09/01/19 00:15	108-90-7	
Chloroethane	ND	ug/m3	0.80	1.49		09/01/19 00:15	75-00-3	
Chloroform	**1.5**	ug/m3	0.74	1.49		09/01/19 00:15	67-66-3	
Chloromethane	**1.6**	ug/m3	0.63	1.49		09/01/19 00:15	74-87-3	
Cyclohexane	**3.8**	ug/m3	2.6	1.49		09/01/19 00:15	110-82-7	
Dibromochloromethane	ND	ug/m3	2.6	1.49		09/01/19 00:15	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	1.2	1.49		09/01/19 00:15	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	1.8	1.49		09/01/19 00:15	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	1.8	1.49		09/01/19 00:15	541-73-1	
1,4-Dichlorobenzene	**289**	ug/m3	9.1	2.98		09/01/19 11:48	106-46-7	
Dichlorodifluoromethane	**2.6**	ug/m3	1.5	1.49		09/01/19 00:15	75-71-8	
1,1-Dichloroethane	ND	ug/m3	1.2	1.49		09/01/19 00:15	75-34-3	
1,2-Dichloroethane	**2.4**	ug/m3	0.61	1.49		09/01/19 00:15	107-06-2	
1,1-Dichloroethene	ND	ug/m3	1.2	1.49		09/01/19 00:15	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	1.2	1.49		09/01/19 00:15	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.2	1.49		09/01/19 00:15	156-60-5	
1,2-Dichloropropane	ND	ug/m3	1.4	1.49		09/01/19 00:15	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	1.4	1.49		09/01/19 00:15	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	1.4	1.49		09/01/19 00:15	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.1	1.49		09/01/19 00:15	76-14-2	
Ethanol	**314**	ug/m3	2.9	1.49		09/01/19 00:15	64-17-5	
Ethyl acetate	**2.6**	ug/m3	1.1	1.49		09/01/19 00:15	141-78-6	
Ethylbenzene	ND	ug/m3	1.3	1.49		09/01/19 00:15	100-41-4	
4-Ethyltoluene	ND	ug/m3	3.7	1.49		09/01/19 00:15	622-96-8	
n-Heptane	**2.7**	ug/m3	1.2	1.49		09/01/19 00:15	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	8.1	1.49		09/01/19 00:15	87-68-3	
n-Hexane	**2.2**	ug/m3	1.1	1.49		09/01/19 00:15	110-54-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
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ANALYTICAL RESULTS

Project: M3010.1437.0006.277 Police Hea
Pace Project No.: 10488946

Sample: 2460-6 VOC **Lab ID: 10488946006** Collected: 08/21/19 16:15 Received: 08/26/19 09:30 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
2-Hexanone	ND	ug/m3	6.2	1.49		09/01/19 00:15	591-78-6	
Methylene Chloride	ND	ug/m3	5.3	1.49		09/01/19 00:15	75-09-2	
4-Methyl-2-pentanone (MIBK)	**6.7**	ug/m3	6.2	1.49		09/01/19 00:15	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	5.5	1.49		09/01/19 00:15	1634-04-4	
Naphthalene	ND	ug/m3	4.0	1.49		09/01/19 00:15	91-20-3	
2-Propanol	**28.8**	ug/m3	3.7	1.49		09/01/19 00:15	67-63-0	
Propylene	ND	ug/m3	0.52	1.49		09/01/19 00:15	115-07-1	
Styrene	**1.3**	ug/m3	1.3	1.49		09/01/19 00:15	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	1.0	1.49		09/01/19 00:15	79-34-5	
Tetrachloroethene	**5.2**	ug/m3	1.0	1.49		09/01/19 00:15	127-18-4	
Tetrahydrofuran	**22.6**	ug/m3	0.89	1.49		09/01/19 00:15	109-99-9	
THC as Gas	**831**	ug/m3	155	1.49		09/01/19 00:15		
Toluene	**7.0**	ug/m3	1.1	1.49		09/01/19 00:15	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	11.2	1.49		09/01/19 00:15	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	1.7	1.49		09/01/19 00:15	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.83	1.49		09/01/19 00:15	79-00-5	
Trichloroethene	ND	ug/m3	0.81	1.49		09/01/19 00:15	79-01-6	
Trichlorofluoromethane	ND	ug/m3	1.7	1.49		09/01/19 00:15	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.3	1.49		09/01/19 00:15	76-13-1	
1,2,4-Trimethylbenzene	**2.2**	ug/m3	1.5	1.49		09/01/19 00:15	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.5	1.49		09/01/19 00:15	108-67-8	
Vinyl acetate	ND	ug/m3	1.1	1.49		09/01/19 00:15	108-05-4	
Vinyl chloride	ND	ug/m3	0.39	1.49		09/01/19 00:15	75-01-4	
m&p-Xylene	**4.1**	ug/m3	2.6	1.49		09/01/19 00:15	179601-23-1	
o-Xylene	**1.5**	ug/m3	1.3	1.49		09/01/19 00:15	95-47-6	

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: M3010.1437.0006.277 Police Hea
Pace Project No.: 10488946

QC Batch: 629731 Analysis Method: TO-15
QC Batch Method: TO-15 Analysis Description: TO15 MSV AIR Low Level
Associated Lab Samples: 10488946001, 10488946002, 10488946003, 10488946004, 10488946005, 10488946006

METHOD BLANK: 3396809 Matrix: Air
Associated Lab Samples: 10488946001, 10488946002, 10488946003, 10488946004, 10488946005, 10488946006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	1.1	08/31/19 09:00	
1,1,2,2-Tetrachloroethane	ug/m3	ND	0.70	08/31/19 09:00	
1,1,2-Trichloroethane	ug/m3	ND	0.56	08/31/19 09:00	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	1.6	08/31/19 09:00	
1,1-Dichloroethane	ug/m3	ND	0.82	08/31/19 09:00	
1,1-Dichloroethene	ug/m3	ND	0.81	08/31/19 09:00	
1,2,4-Trichlorobenzene	ug/m3	ND	7.5	08/31/19 09:00	
1,2,4-Trimethylbenzene	ug/m3	ND	1.0	08/31/19 09:00	
1,2-Dibromoethane (EDB)	ug/m3	ND	0.78	08/31/19 09:00	
1,2-Dichlorobenzene	ug/m3	ND	1.2	08/31/19 09:00	
1,2-Dichloroethane	ug/m3	ND	0.41	08/31/19 09:00	
1,2-Dichloropropane	ug/m3	ND	0.94	08/31/19 09:00	
1,3,5-Trimethylbenzene	ug/m3	ND	1.0	08/31/19 09:00	
1,3-Butadiene	ug/m3	ND	0.45	08/31/19 09:00	
1,3-Dichlorobenzene	ug/m3	ND	1.2	08/31/19 09:00	
1,4-Dichlorobenzene	ug/m3	ND	3.1	08/31/19 09:00	
2-Butanone (MEK)	ug/m3	ND	3.0	08/31/19 09:00	
2-Hexanone	ug/m3	ND	4.2	08/31/19 09:00	
2-Propanol	ug/m3	ND	2.5	08/31/19 09:00	
4-Ethyltoluene	ug/m3	ND	2.5	08/31/19 09:00	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	4.2	08/31/19 09:00	
Acetone	ug/m3	ND	2.4	08/31/19 09:00	
Benzene	ug/m3	ND	0.32	08/31/19 09:00	
Bromodichloromethane	ug/m3	ND	1.4	08/31/19 09:00	
Bromoform	ug/m3	ND	5.2	08/31/19 09:00	
Bromomethane	ug/m3	ND	0.79	08/31/19 09:00	
Carbon disulfide	ug/m3	ND	0.63	08/31/19 09:00	
Carbon tetrachloride	ug/m3	ND	1.3	08/31/19 09:00	
Chlorobenzene	ug/m3	ND	0.94	08/31/19 09:00	
Chloroethane	ug/m3	ND	0.54	08/31/19 09:00	
Chloroform	ug/m3	ND	0.50	08/31/19 09:00	
Chloromethane	ug/m3	ND	0.42	08/31/19 09:00	
cis-1,2-Dichloroethene	ug/m3	ND	0.81	08/31/19 09:00	
cis-1,3-Dichloropropene	ug/m3	ND	0.92	08/31/19 09:00	
Cyclohexane	ug/m3	ND	1.8	08/31/19 09:00	
Dibromochloromethane	ug/m3	ND	1.7	08/31/19 09:00	
Dichlorodifluoromethane	ug/m3	ND	1.0	08/31/19 09:00	
Dichlorotetrafluoroethane	ug/m3	ND	1.4	08/31/19 09:00	
Ethanol	ug/m3	ND	1.9	08/31/19 09:00	
Ethyl acetate	ug/m3	ND	0.73	08/31/19 09:00	
Ethylbenzene	ug/m3	ND	0.88	08/31/19 09:00	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: M3010.1437.0006.277 Police Hea
Pace Project No.: 10488946

METHOD BLANK: 3396809 Matrix: Air
Associated Lab Samples: 10488946001, 10488946002, 10488946003, 10488946004, 10488946005, 10488946006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/m3	ND	5.4	08/31/19 09:00	
m&p-Xylene	ug/m3	ND	1.8	08/31/19 09:00	
Methyl-tert-butyl ether	ug/m3	ND	3.7	08/31/19 09:00	
Methylene Chloride	ug/m3	ND	3.5	08/31/19 09:00	
n-Heptane	ug/m3	ND	0.83	08/31/19 09:00	
n-Hexane	ug/m3	ND	0.72	08/31/19 09:00	
Naphthalene	ug/m3	ND	2.7	08/31/19 09:00	
o-Xylene	ug/m3	ND	0.88	08/31/19 09:00	
Propylene	ug/m3	ND	0.35	08/31/19 09:00	
Styrene	ug/m3	ND	0.87	08/31/19 09:00	
Tetrachloroethene	ug/m3	ND	0.69	08/31/19 09:00	
Tetrahydrofuran	ug/m3	ND	0.60	08/31/19 09:00	
THC as Gas	ug/m3	ND	104	08/31/19 09:00	
Toluene	ug/m3	ND	0.77	08/31/19 09:00	
trans-1,2-Dichloroethene	ug/m3	ND	0.81	08/31/19 09:00	
trans-1,3-Dichloropropene	ug/m3	ND	0.92	08/31/19 09:00	
Trichloroethene	ug/m3	ND	0.55	08/31/19 09:00	
Trichlorofluoromethane	ug/m3	ND	1.1	08/31/19 09:00	
Vinyl acetate	ug/m3	ND	0.72	08/31/19 09:00	
Vinyl chloride	ug/m3	ND	0.26	08/31/19 09:00	

LABORATORY CONTROL SAMPLE: 3396810

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	55.5	56.3	102	70-130	
1,1,2,2-Tetrachloroethane	ug/m3	69.8	78.9	113	70-132	
1,1,2-Trichloroethane	ug/m3	55.5	62.5	113	70-130	
1,1,2-Trichlorotrifluoroethane	ug/m3	77.9	83.7	107	70-130	
1,1-Dichloroethane	ug/m3	41.1	43.3	105	70-130	
1,1-Dichloroethene	ug/m3	40.3	42.0	104	70-130	
1,2,4-Trichlorobenzene	ug/m3	75.4	75.2	100	56-130	
1,2,4-Trimethylbenzene	ug/m3	50	53.2	106	70-134	
1,2-Dibromoethane (EDB)	ug/m3	78.1	81.5	104	70-130	
1,2-Dichlorobenzene	ug/m3	61.1	64.2	105	70-132	
1,2-Dichloroethane	ug/m3	41.1	44.4	108	70-130	
1,2-Dichloropropane	ug/m3	47	49.5	105	70-130	
1,3,5-Trimethylbenzene	ug/m3	50	51.9	104	70-132	
1,3-Butadiene	ug/m3	22.5	24.6	109	65-130	
1,3-Dichlorobenzene	ug/m3	61.1	64.7	106	70-137	
1,4-Dichlorobenzene	ug/m3	61.1	64.4	105	70-134	
2-Butanone (MEK)	ug/m3	30	27.8	93	70-130	
2-Hexanone	ug/m3	41.6	45.3	109	70-135	
2-Propanol	ug/m3	125	137	109	68-130	
4-Ethyltoluene	ug/m3	50	52.3	105	70-138	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: M3010.1437.0006.277 Police Hea
Pace Project No.: 10488946

LABORATORY CONTROL SAMPLE: 3396810

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Methyl-2-pentanone (MIBK)	ug/m3	41.6	43.9	105	70-131	
Acetone	ug/m3	121	109	90	67-130	
Benzene	ug/m3	32.5	34.9	108	70-130	
Bromodichloromethane	ug/m3	68.1	69.8	103	70-130	
Bromoform	ug/m3	105	105	100	70-132	
Bromomethane	ug/m3	39.5	40.7	103	69-130	
Carbon disulfide	ug/m3	31.6	33.1	105	56-137	
Carbon tetrachloride	ug/m3	64	49.0	77	66-131	
Chlorobenzene	ug/m3	46.8	50.4	108	70-130	
Chloroethane	ug/m3	26.8	29.4	110	70-130	
Chloroform	ug/m3	49.6	52.0	105	70-130	
Chloromethane	ug/m3	21	22.2	106	66-130	
cis-1,2-Dichloroethene	ug/m3	40.3	43.3	107	70-130	
cis-1,3-Dichloropropene	ug/m3	46.1	48.8	106	70-133	
Cyclohexane	ug/m3	35	37.9	108	68-132	
Dibromochloromethane	ug/m3	86.6	90.5	105	70-130	
Dichlorodifluoromethane	ug/m3	50.3	49.2	98	70-130	
Dichlorotetrafluoroethane	ug/m3	71	74.3	105	70-130	
Ethanol	ug/m3	95.8	87.4	91	68-133	
Ethyl acetate	ug/m3	36.6	38.6	105	69-130	
Ethylbenzene	ug/m3	44.1	50.1	114	67-131	
Hexachloro-1,3-butadiene	ug/m3	108	112	103	66-137	
m&p-Xylene	ug/m3	88.3	102	116	70-132	
Methyl-tert-butyl ether	ug/m3	36.6	40.7	111	70-130	
Methylene Chloride	ug/m3	177	174	99	65-130	
n-Heptane	ug/m3	41.7	43.2	104	65-130	
n-Hexane	ug/m3	35.8	38.1	106	66-130	
Naphthalene	ug/m3	53.3	55.3	104	56-130	
o-Xylene	ug/m3	44.1	49.2	111	70-130	
Propylene	ug/m3	17.5	17.1	98	67-130	
Styrene	ug/m3	43.3	45.6	105	69-136	
Tetrachloroethene	ug/m3	68.9	76.0	110	70-130	
Tetrahydrofuran	ug/m3	30	31.2	104	68-131	
THC as Gas	ug/m3	4890	4410	90	64-140	
Toluene	ug/m3	38.3	42.6	111	70-130	
trans-1,2-Dichloroethene	ug/m3	40.3	42.4	105	70-130	
trans-1,3-Dichloropropene	ug/m3	46.1	47.8	104	70-134	
Trichloroethene	ug/m3	54.6	61.1	112	70-130	
Trichlorofluoromethane	ug/m3	57.1	59.6	104	65-130	
Vinyl acetate	ug/m3	35.8	36.5	102	61-133	
Vinyl chloride	ug/m3	26	30.2	116	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: M3010.1437.0006.277 Police Hea
Pace Project No.: 10488946

SAMPLE DUPLICATE: 3396968

Parameter	Units	10488780001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	ND		25	
1,1,2,2-Tetrachloroethane	ug/m3	ND	ND		25	
1,1,2-Trichloroethane	ug/m3	ND	ND		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	ND		25	
1,1-Dichloroethane	ug/m3	ND	ND		25	
1,1-Dichloroethene	ug/m3	ND	ND		25	
1,2,4-Trichlorobenzene	ug/m3	ND	ND		25	
1,2,4-Trimethylbenzene	ug/m3	ND	ND		25	
1,2-Dibromoethane (EDB)	ug/m3	ND	ND		25	
1,2-Dichlorobenzene	ug/m3	ND	ND		25	
1,2-Dichloroethane	ug/m3	ND	ND		25	
1,2-Dichloropropane	ug/m3	ND	ND		25	
1,3,5-Trimethylbenzene	ug/m3	ND	ND		25	
1,3-Butadiene	ug/m3	ND	ND		25	
1,3-Dichlorobenzene	ug/m3	ND	ND		25	
1,4-Dichlorobenzene	ug/m3	ND	ND		25	
2-Butanone (MEK)	ug/m3	ND	4.4J		25	
2-Hexanone	ug/m3	ND	ND		25	
2-Propanol	ug/m3	ND	1.4J		25	
4-Ethyltoluene	ug/m3	ND	ND		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	ND		25	
Acetone	ug/m3	22.6	22.6	0	25	
Benzene	ug/m3	2.7	2.7	1	25	
Bromodichloromethane	ug/m3	ND	ND		25	
Bromoform	ug/m3	ND	ND		25	
Bromomethane	ug/m3	ND	.43J		25	
Carbon disulfide	ug/m3	ND	.38J		25	
Carbon tetrachloride	ug/m3	ND	ND		25	
Chlorobenzene	ug/m3	ND	ND		25	
Chloroethane	ug/m3	ND	ND		25	
Chloroform	ug/m3	ND	ND		25	
Chloromethane	ug/m3	1.3	1.4	8	25	
cis-1,2-Dichloroethene	ug/m3	ND	ND		25	
cis-1,3-Dichloropropene	ug/m3	ND	ND		25	
Cyclohexane	ug/m3	ND	ND		25	
Dibromochloromethane	ug/m3	ND	ND		25	
Dichlorodifluoromethane	ug/m3	2.2	2.3	5	25	
Dichlorotetrafluoroethane	ug/m3	ND	ND		25	
Ethanol	ug/m3	4.9	4.9	1	25	
Ethyl acetate	ug/m3	ND	ND		25	
Ethylbenzene	ug/m3	ND	ND		25	
Hexachloro-1,3-butadiene	ug/m3	ND	ND		25	
m&p-Xylene	ug/m3	ND	ND		25	
Methyl-tert-butyl ether	ug/m3	ND	ND		25	
Methylene Chloride	ug/m3	ND	4.8J		25	
n-Heptane	ug/m3	ND	ND		25	
n-Hexane	ug/m3	1.2	.99J		25	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: M3010.1437.0006.277 Police Hea
Pace Project No.: 10488946

SAMPLE DUPLICATE: 3396968

Parameter	Units	10488780001 Result	Dup Result	RPD	Max RPD	Qualifiers
Naphthalene	ug/m3	ND	ND		25	
o-Xylene	ug/m3	ND	ND		25	
Propylene	ug/m3	ND	ND		25	
Styrene	ug/m3	ND	ND		25	
Tetrachloroethene	ug/m3	ND	ND		25	
Tetrahydrofuran	ug/m3	ND	ND		25	
THC as Gas	ug/m3	573	498	14	25	
Toluene	ug/m3	ND	.86J		25	
trans-1,2-Dichloroethene	ug/m3	ND	ND		25	
trans-1,3-Dichloropropene	ug/m3	ND	ND		25	
Trichloroethene	ug/m3	ND	ND		25	
Trichlorofluoromethane	ug/m3	ND	1.3J		25	
Vinyl acetate	ug/m3	ND	ND		25	
Vinyl chloride	ug/m3	ND	ND		25	

SAMPLE DUPLICATE: 3396969

Parameter	Units	10488780003 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	ND		25	
1,1,2,2-Tetrachloroethane	ug/m3	ND	ND		25	
1,1,2-Trichloroethane	ug/m3	ND	ND		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	ND		25	
1,1-Dichloroethane	ug/m3	ND	ND		25	
1,1-Dichloroethene	ug/m3	ND	ND		25	
1,2,4-Trichlorobenzene	ug/m3	ND	ND		25	
1,2,4-Trimethylbenzene	ug/m3	ND	ND		25	
1,2-Dibromoethane (EDB)	ug/m3	ND	ND		25	
1,2-Dichlorobenzene	ug/m3	ND	ND		25	
1,2-Dichloroethane	ug/m3	ND	ND		25	
1,2-Dichloropropane	ug/m3	ND	ND		25	
1,3,5-Trimethylbenzene	ug/m3	ND	ND		25	
1,3-Butadiene	ug/m3	ND	ND		25	
1,3-Dichlorobenzene	ug/m3	ND	ND		25	
1,4-Dichlorobenzene	ug/m3	ND	ND		25	
2-Butanone (MEK)	ug/m3	ND	3J		25	
2-Hexanone	ug/m3	ND	ND		25	
2-Propanol	ug/m3	ND	1.2J		25	
4-Ethyltoluene	ug/m3	ND	ND		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	ND		25	
Acetone	ug/m3	16.7	17.2	3	25	
Benzene	ug/m3	1.9	1.8	2	25	
Bromodichloromethane	ug/m3	ND	ND		25	
Bromoform	ug/m3	ND	ND		25	
Bromomethane	ug/m3	ND	ND		25	
Carbon disulfide	ug/m3	ND	.64J		25	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(612)607-1700

QUALITY CONTROL DATA

Project: M3010.1437.0006.277 Police Hea
Pace Project No.: 10488946

SAMPLE DUPLICATE: 3396969

Parameter	Units	10488780003 Result	Dup Result	RPD	Max RPD	Qualifiers
Carbon tetrachloride	ug/m3	ND	ND		25	
Chlorobenzene	ug/m3	ND	ND		25	
Chloroethane	ug/m3	ND	ND		25	
Chloroform	ug/m3	ND	ND		25	
Chloromethane	ug/m3	1.1	1.2	7	25	
cis-1,2-Dichloroethene	ug/m3	ND	ND		25	
cis-1,3-Dichloropropene	ug/m3	ND	ND		25	
Cyclohexane	ug/m3	ND	ND		25	
Dibromochloromethane	ug/m3	ND	ND		25	
Dichlorodifluoromethane	ug/m3	2.2	2.2	0	25	
Dichlorotetrafluoroethane	ug/m3	ND	ND		25	
Ethanol	ug/m3	4.7	4.6	1	25	
Ethyl acetate	ug/m3	ND	ND		25	
Ethylbenzene	ug/m3	ND	ND		25	
Hexachloro-1,3-butadiene	ug/m3	ND	ND		25	
m&p-Xylene	ug/m3	ND	ND		25	
Methyl-tert-butyl ether	ug/m3	ND	ND		25	
Methylene Chloride	ug/m3	5.6	5.7	2	25	
n-Heptane	ug/m3	ND	ND		25	
n-Hexane	ug/m3	1.4	1.3	4	25	
Naphthalene	ug/m3	51.0	51.4	1	25	
o-Xylene	ug/m3	ND	ND		25	
Propylene	ug/m3	ND	ND		25	
Styrene	ug/m3	ND	ND		25	
Tetrachloroethene	ug/m3	ND	ND		25	
Tetrahydrofuran	ug/m3	ND	ND		25	
THC as Gas	ug/m3	504	476	6	25	
Toluene	ug/m3	1.3	1.3	1	25	
trans-1,2-Dichloroethene	ug/m3	ND	ND		25	
trans-1,3-Dichloropropene	ug/m3	ND	ND		25	
Trichloroethene	ug/m3	ND	ND		25	
Trichlorofluoromethane	ug/m3	ND	1.2J		25	
Vinyl acetate	ug/m3	ND	ND		25	
Vinyl chloride	ug/m3	ND	ND		25	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALIFIERS

Project: M3010.1437.0006.277 Police Hea
Pace Project No.: 10488946

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.

ANALYTE QUALIFIERS

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: M3010.1437.0006.277 Police Hea
Pace Project No.: 10488946

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10488946001	**2460-1 VOC**	TO-15	629731		
10488946002	**2460-2 VOC**	TO-15	629731		
10488946003	**2460-3 VOC**	TO-15	629731		
10488946004	**2460-4 VOC**	TO-15	629731		
10488946005	**2460-5 VOC**	TO-15	629731		
10488946006	**2460-6 VOC**	TO-15	629731		

Pace Analytical®
www.pacelabs.com

AIR: CHAIN-OF-CUSTODY / A

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fie

WO# : 10488946

10488946

46262

Page: 1 of 1

Section A
Required Client Information:

Company: Aerostar SES
Address: 3749 N. Causeway Blvd
Metairie, LA 70002
Email To: MStevenson@Aerostar.net
Phone: 504 456-8368 Fax: 504-456-8360
Requested Due Date/TAT:

Section B
Required Project Information:

Report To: Mason Stevenson
Copy To: Suite A Kerry Kneaux
Kneaux@Aerostar.net
Purchase Order No.:
Project Name: Police Headquarters
Project Number: M3010.1437.0006.27

Section C
Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager/Sales Rep.
Pace Profile #: 36780

Program
☐ UST ☐ Superfund ☐ Emissions ☐ Clean Air Act
☐ Voluntary Clean Up ☐ Dry Clean ☐ RCRA ☐ Other

Location of Sampling by State: AL

Reporting Units
µg/m³ X mg/m³ ___
PPBV ___ PPMV ___
Other ___

Report Level II.___ III.___ IV.___ Other___

'Section D Required Client Information

AIR SAMPLE ID
Sample IDs MUST BE UNIQUE

Valid Media Codes

MEDIA	CODE
Tedlar Bag	TB
1 Liter Summa Can	1LC
6 Liter Summa Can	6LC
Low Volume Puff	LVP
High Volume Puff	HVP
Other	PM10

ITEM #	Sample ID	MEDIA CODE	PID Reading (Client only)	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	Canister Pressure (Initial Field - in Hg)	Canister Pressure (Final Field - in Hg)	Summa Can Number	Flow Control Number	Method: PM10	3C - Fixed Gas (%)	TO-3 BTEX	TO-3M (Methane)	TO-14	TO-15 Full List VOCs	TO-15 Short List BTEX	TO-15 Short List Chlorinated	TO-15 Short List (other)	Pace Lab ID
1	2460 - 1 VOC	6LC				8-21-19	1602	-30	-6	23502	02800					X					001
2	2460 - 2 VOC	6LC				8-21-19	1604	-28	-3	21311	00996					X					002
3	2460 - 3 VOC	6LC				8-21-19	1600	-28	-3	27451	18699					X					003
4	2460 - 4 VOC	6LC				8-21-19	1607	-30	-3	33440	36707					X					004
5	2460 - 5 VOC	6LC				8-21-19	1610	-30	-4	23830	36101					X					005
6	2460 - 6 VOC	6LC				8-21-19	1615	-30	-4.5	26630	09099					X					006
7																					
8																					
9																					
10																					
11																					
12																					

Comments :

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Mason Stevenson / Aerostar	8/22/19	9:30	[signature]	8-26-19	930

SAMPLE CONDITIONS

—	Y/N	Y/N	Y/N	(Y/N)
	Y/N	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N	Y/N
Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact	

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Mason Stevenson
SIGNATURE of SAMPLER: Mason Stevenson DATE Signed (MM/DD/YY): 8/22/19

ORIGINAL

1700 Elm Street SE, Suite 200, Minneapolis, MN 55414 Air Technical Phone: 612.607.6386

Pace Analytical	Document Name: Air Sample Condition Upon Receipt	Document Revised: 31Jan2019 Page 1 of 1
	Document No.: F-MN-A-106-rev.18	Issuing Authority: Pace Minnesota Quality Office

Air Sample Condition Upon Receipt

Client Name: Aerostar SES **Project #:** WO#: 10488946

PM: SCU Due Date: 09/10/19

CLIENT: AerostarSES

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Pace ☐ SpeeDee ☐ Commercial See Exception ☐

Tracking Number: 1083 8279 8091/8080

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:** 8-26-19 AA

Type of Ice Received ☐ Blue ☐ Wet ☑ None

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

Samples Received: Pressure Gauge # ☐ 10AIR34 ☑ 10AIR35

Canisters					Canisters				
Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure	Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure
1	2350	0280	-4	+5					
2	2131	0096	-1.5	"					
3	2745	1869	-2.5	"					
4	3344	0367	-2	"					
5	2387	0361	-2	"					
6	2663	0099	-3	"					

CLIENT NOTIFICATION/RESOLUTION **Field Data Required?** ☐ Yes ☐ No

Person Contacted: _____ Date/Time: _____

Comments/Resolution: _____

Project Manager Review: Sean C. Murphy **Date:** 08/27/19

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)

Pace Analytical Services, Inc.
1700 Elm Street – Suite 200
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444

ANALYTICAL RESULTS

Client: AerostarSES LLC
Phone: 504-486-8368

Lab Project Number: 10488946
Project Name: M3010.1437.0006.277 Police Hea

Lab Sample No: 10488946001
Client Sample ID: 2460-1 VOC

ProjSampleNum: 10488946001
Matrix: Air

Date Collected: 08/21/19 16:02
Date Received: 08/26/19 9:30

Air

TO-15

Parameters	Results	Units	Report Limit	DF	Analyzed	CAS No.	Qualifiers
1,1,1-Trichloroethane	ND	ppmv	0.00031	1.55	08/31/19 21:48 MJL	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ppmv	0.00016	1.55	08/31/19 21:48 MJL	79-34-5	
1,1,2-Trichloroethane	ND	ppmv	0.00016	1.55	08/31/19 21:48 MJL	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ppmv	0.00031	1.55	08/31/19 21:48 MJL	76-13-1	
1,1-Dichloroethane	ND	ppmv	0.00032	1.55	08/31/19 21:48 MJL	75-34-3	
1,1-Dichloroethene	ND	ppmv	0.0003	1.55	08/31/19 21:48 MJL	75-35-4	
1,2,4-Trichlorobenzene	ND	ppmv	0.0016	1.55	08/31/19 21:48 MJL	120-82-1	
1,2,4-Trimethylbenzene	ND	ppmv	0.0003	1.55	08/31/19 21:48 MJL	95-63-6	
1,2-Dibromoethane (EDB)	ND	ppmv	0.00015	1.55	08/31/19 21:48 MJL	106-93-4	
1,2-Dichlorobenzene	ND	ppmv	0.00031	1.55	08/31/19 21:48 MJL	95-50-1	
1,2-Dichloroethane	ND	ppmv	0.00016	1.55	08/31/19 21:48 MJL	107-06-2	
1,2-Dichloropropane	ND	ppmv	0.00032	1.55	08/31/19 21:48 MJL	78-87-5	
1,3,5-Trimethylbenzene	ND	ppmv	0.0003	1.55	08/31/19 21:48 MJL	108-67-8	
1,3-Butadiene	ND	ppmv	0.00031	1.55	08/31/19 21:48 MJL	106-99-0	
1,3-Dichlorobenzene	ND	ppmv	0.00031	1.55	08/31/19 21:48 MJL	541-73-1	
1,4-Dichlorobenzene	0.018	ppmv	0.00077	1.55	08/31/19 21:48 MJL	106-46-7	
2-Butanone (MEK)	0.0016	ppmv	0.0015	1.55	08/31/19 21:48 MJL	78-93-3	
2-Hexanone	ND	ppmv	0.0015	1.55	08/31/19 21:48 MJL	591-78-6	
2-Propanol	0.0073	ppmv	0.0016	1.55	08/31/19 21:48 MJL	67-63-0	
4-Ethyltoluene	ND	ppmv	0.00078	1.55	08/31/19 21:48 MJL	622-96-8	
4-Methyl-2-pentanone (MIBK)	ND	ppmv	0.0015	1.55	08/31/19 21:48 MJL	108-10-1	
Acetone	0.019	ppmv	0.0015	1.55	08/31/19 21:48 MJL	67-64-1	
Benzene	0.0003	ppmv	0.00015	1.55	08/31/19 21:48 MJL	71-43-2	
Bromodichloromethane	ND	ppmv	0.00031	1.55	08/31/19 21:48 MJL	75-27-4	
Bromoform	ND	ppmv	0.00077	1.55	08/31/19 21:48 MJL	75-25-2	
Bromomethane	ND	ppmv	0.0003	1.55	08/31/19 21:48 MJL	74-83-9	
Carbon disulfide	0.034	ppmv	0.00031	1.55	08/31/19 21:48 MJL	75-15-0	
Carbon tetrachloride	ND	ppmv	0.00031	1.55	08/31/19 21:48 MJL	56-23-5	
Chlorobenzene	ND	ppmv	0.00032	1.55	08/31/19 21:48 MJL	108-90-7	
Chloroethane	ND	ppmv	0.00031	1.55	08/31/19 21:48 MJL	75-00-3	
Chloroform	0.00016	ppmv	0.00016	1.55	08/31/19 21:48 MJL	67-66-3	
Chloromethane	0.00067	ppmv	0.00031	1.55	08/31/19 21:48 MJL	74-87-3	
cis-1,2-Dichloroethene	ND	ppmv	0.0003	1.55	08/31/19 21:48 MJL	156-59-2	
cis-1,3-Dichloropropene	ND	ppmv	0.0003	1.55	08/31/19 21:48 MJL	10061-01-5	
Cyclohexane	ND	ppmv	0.00077	1.55	08/31/19 21:48 MJL	110-82-7	
Dibromochloromethane	ND	ppmv	0.00031	1.55	08/31/19 21:48 MJL	124-48-1	
Dichlorodifluoromethane	0.0005	ppmv	0.00032	1.55	08/31/19 21:48 MJL	75-71-8	
Dichlorotetrafluoroethane	ND	ppmv	0.00031	1.55	08/31/19 21:48 MJL	76-14-2	

SUPPLEMENTAL REPORT

Units Conversion Request

Pace Analytical Services, Inc.
1700 Elm Street – Suite 200
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444

ANALYTICAL RESULTS

Client: AerostarSES LLC
Phone: 504-486-8368

Lab Project Number: 10488946
Project Name: M3010.1437.0006.277 Police Hea

Lab Sample No: 10488946001
Client Sample ID: 2460-1 VOC

ProjSampleNum: 10488946001
Matrix: Air

Date Collected: 08/21/19 16:02
Date Received: 08/26/19 9:30

Parameters	Results	Units	Report Limit	DF	Analyzed	CAS No.	Qualifiers
Air							
Ethanol	0.26	ppmv	0.0016	1.55	08/31/19 21:48 MJL	64-17-5	E
Ethyl acetate	0.00055	ppmv	0.0003	1.55	08/31/19 21:48 MJL	141-78-6	
Ethylbenzene	ND	ppmv	0.00032	1.55	08/31/19 21:48 MJL	100-41-4	
Hexachloro-1,3-butadiene	ND	ppmv	0.00077	1.55	08/31/19 21:48 MJL	87-68-3	
m&p-Xylene	0.00088	ppmv	0.00061	1.55	08/31/19 21:48 MJL	179601-23-1	
Methylene Chloride	ND	ppmv	0.0016	1.55	08/31/19 21:48 MJL	75-09-2	
Methyl-tert-butyl ether	ND	ppmv	0.0016	1.55	08/31/19 21:48 MJL	1634-04-4	
Naphthalene	ND	ppmv	0.00077	1.55	08/31/19 21:48 MJL	91-20-3	
n-Heptane	0.0011	ppmv	0.00031	1.55	08/31/19 21:48 MJL	142-82-5	
n-Hexane	0.0012	ppmv	0.00031	1.55	08/31/19 21:48 MJL	110-54-3	
o-Xylene	ND	ppmv	0.00032	1.55	08/31/19 21:48 MJL	95-47-6	
Propylene	0.0019	ppmv	0.00031	1.55	08/31/19 21:48 MJL	115-07-1	
Styrene	ND	ppmv	0.0003	1.55	08/31/19 21:48 MJL	100-42-5	
Tetrachloroethene	0.00036	ppmv	0.00016	1.55	08/31/19 21:48 MJL	127-18-4	
Tetrahydrofuran	ND	ppmv	0.00031	1.55	08/31/19 21:48 MJL	109-99-9	
THC as Gas	0.21	ppmv	0.037	1.55	08/31/19 21:48 MJL		
Toluene	0.002	ppmv	0.00031	1.55	08/31/19 21:48 MJL	108-88-3	
trans-1,2-Dichloroethene	ND	ppmv	0.0003	1.55	08/31/19 21:48 MJL	156-60-5	
trans-1,3-Dichloropropene	ND	ppmv	0.0003	1.55	08/31/19 21:48 MJL	10061-02-6	
Trichloroethene	ND	ppmv	0.00016	1.55	08/31/19 21:48 MJL	79-01-6	
Trichlorofluoromethane	ND	ppmv	0.00032	1.55	08/31/19 21:48 MJL	75-69-4	
Vinyl acetate	ND	ppmv	0.00031	1.55	08/31/19 21:48 MJL	108-05-4	
Vinyl chloride	ND	ppmv	0.00015	1.55	08/31/19 21:48 MJL	75-01-4	

DISCLAIMER: These results have been converted to the units shown from the original units of measurement assuming 20 degrees Celsius and 1 atmosphere pressure. Values were not rounded according to EPA rounding rules. THC is quantitated based on the average response factors of several compounds; the nominal molecular weight of THC used for units conversion is the average of the molecular weights of the compounds used for quantitation.

SUPPLEMENTAL REPORT

Units Conversion Request

Pace Analytical Services, Inc.
1700 Elm Street – Suite 200
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444

ANALYTICAL RESULTS

Client: AerostarSES LLC
Phone: 504-486-8368

Lab Project Number: 10488946
Project Name: M3010.1437.0006.277 Police Hea

Lab Sample No: 10488946002
Client Sample ID: 2460-2 VOC

ProjSampleNum: 10488946002
Matrix: Air

Date Collected: 08/21/19 16:04
Date Received: 08/26/19 9:30

Parameters	Results	Units	Report Limit	DF	Analyzed	CAS No.	Qualifiers
Air							
TO-15							
1,1,1-Trichloroethane	ND	ppmv	0.00029	1.41	08/31/19 22:17 MJL	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ppmv	0.00014	1.41	08/31/19 22:17 MJL	79-34-5	
1,1,2-Trichloroethane	ND	ppmv	0.00014	1.41	08/31/19 22:17 MJL	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ppmv	0.00028	1.41	08/31/19 22:17 MJL	76-13-1	
1,1-Dichloroethane	ND	ppmv	0.00029	1.41	08/31/19 22:17 MJL	75-34-3	
1,1-Dichloroethene	ND	ppmv	0.00027	1.41	08/31/19 22:17 MJL	75-35-4	
1,2,4-Trichlorobenzene	ND	ppmv	0.0014	1.41	08/31/19 22:17 MJL	120-82-1	
1,2,4-Trimethylbenzene	0.00028	ppmv	0.00028	1.41	08/31/19 22:17 MJL	95-63-6	
1,2-Dibromoethane (EDB)	ND	ppmv	0.00014	1.41	08/31/19 22:17 MJL	106-93-4	
1,2-Dichlorobenzene	ND	ppmv	0.00028	1.41	08/31/19 22:17 MJL	95-50-1	
1,2-Dichloroethane	ND	ppmv	0.00014	1.41	08/31/19 22:17 MJL	107-06-2	
1,2-Dichloropropane	ND	ppmv	0.00028	1.41	08/31/19 22:17 MJL	78-87-5	
1,3,5-Trimethylbenzene	ND	ppmv	0.00028	1.41	08/31/19 22:17 MJL	108-67-8	
1,3-Butadiene	ND	ppmv	0.00028	1.41	08/31/19 22:17 MJL	106-99-0	
1,3-Dichlorobenzene	ND	ppmv	0.00028	1.41	08/31/19 22:17 MJL	541-73-1	
1,4-Dichlorobenzene	0.032	ppmv	0.0007	1.41	08/31/19 22:17 MJL	106-46-7	
2-Butanone (MEK)	ND	ppmv	0.0014	1.41	08/31/19 22:17 MJL	78-93-3	
2-Hexanone	ND	ppmv	0.0014	1.41	08/31/19 22:17 MJL	591-78-6	
2-Propanol	0.0052	ppmv	0.0014	1.41	08/31/19 22:17 MJL	67-63-0	
4-Ethyltoluene	ND	ppmv	0.0007	1.41	08/31/19 22:17 MJL	622-96-8	
4-Methyl-2-pentanone (MIBK)	ND	ppmv	0.0014	1.41	08/31/19 22:17 MJL	108-10-1	
Acetone	0.021	ppmv	0.0014	1.41	08/31/19 22:17 MJL	67-64-1	
Benzene	0.00025	ppmv	0.00014	1.41	08/31/19 22:17 MJL	71-43-2	
Bromodichloromethane	ND	ppmv	0.00028	1.41	08/31/19 22:17 MJL	75-27-4	
Bromoform	ND	ppmv	0.0007	1.41	08/31/19 22:17 MJL	75-25-2	
Bromomethane	ND	ppmv	0.00028	1.41	08/31/19 22:17 MJL	74-83-9	
Carbon disulfide	ND	ppmv	0.00028	1.41	08/31/19 22:17 MJL	75-15-0	
Carbon tetrachloride	ND	ppmv	0.00028	1.41	08/31/19 22:17 MJL	56-23-5	
Chlorobenzene	ND	ppmv	0.00028	1.41	08/31/19 22:17 MJL	108-90-7	
Chloroethane	ND	ppmv	0.00028	1.41	08/31/19 22:17 MJL	75-00-3	
Chloroform	0.00028	ppmv	0.00014	1.41	08/31/19 22:17 MJL	67-66-3	
Chloromethane	0.00076	ppmv	0.00028	1.41	08/31/19 22:17 MJL	74-87-3	
cis-1,2-Dichloroethene	ND	ppmv	0.00027	1.41	08/31/19 22:17 MJL	156-59-2	
cis-1,3-Dichloropropene	ND	ppmv	0.00028	1.41	08/31/19 22:17 MJL	10061-01-5	
Cyclohexane	0.001	ppmv	0.00071	1.41	08/31/19 22:17 MJL	110-82-7	
Dibromochloromethane	ND	ppmv	0.00028	1.41	08/31/19 22:17 MJL	124-48-1	
Dichlorodifluoromethane	0.00052	ppmv	0.00028	1.41	08/31/19 22:17 MJL	75-71-8	
Dichlorotetrafluoroethane	ND	ppmv	0.00028	1.41	08/31/19 22:17 MJL	76-14-2	

SUPPLEMENTAL REPORT

Units Conversion Request

Pace Analytical Services, Inc.
1700 Elm Street – Suite 200
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444

ANALYTICAL RESULTS

Client: AerostarSES LLC
Phone: 504-486-8368

Lab Project Number: 10488946
Project Name: M3010.1437.0006.277 Police Hea

Lab Sample No: 10488946002
Client Sample ID: 2460-2 VOC

ProjSampleNum: 10488946002
Matrix: Air

Date Collected: 08/21/19 16:04
Date Received: 08/26/19 9:30

Parameters	Results	Units	Report Limit	DF	Analyzed	CAS No.	Qualifiers
Air							
Ethanol	0.085	ppmv	0.0014	1.41	08/31/19 22:17 MJL	64-17-5	
Ethyl acetate	0.00057	ppmv	0.00027	1.41	08/31/19 22:17 MJL	141-78-6	
Ethylbenzene	ND	ppmv	0.00027	1.41	08/31/19 22:17 MJL	100-41-4	
Hexachloro-1,3-butadiene	ND	ppmv	0.0007	1.41	08/31/19 22:17 MJL	87-68-3	
m&p-Xylene	0.00091	ppmv	0.00057	1.41	08/31/19 22:17 MJL	179601-23-1	
Methylene Chloride	ND	ppmv	0.0014	1.41	08/31/19 22:17 MJL	75-09-2	
Methyl-tert-butyl ether	ND	ppmv	0.0014	1.41	08/31/19 22:17 MJL	1634-04-4	
Naphthalene	ND	ppmv	0.00071	1.41	08/31/19 22:17 MJL	91-20-3	
n-Heptane	0.00079	ppmv	0.00029	1.41	08/31/19 22:17 MJL	142-82-5	
n-Hexane	0.00059	ppmv	0.00028	1.41	08/31/19 22:17 MJL	110-54-3	
o-Xylene	0.00029	ppmv	0.00027	1.41	08/31/19 22:17 MJL	95-47-6	
Propylene	ND	ppmv	0.00028	1.41	08/31/19 22:17 MJL	115-07-1	
Styrene	ND	ppmv	0.00028	1.41	08/31/19 22:17 MJL	100-42-5	
Tetrachloroethene	0.00026	ppmv	0.00014	1.41	08/31/19 22:17 MJL	127-18-4	
Tetrahydrofuran	ND	ppmv	0.00028	1.41	08/31/19 22:17 MJL	109-99-9	
THC as Gas	0.15	ppmv	0.034	1.41	08/31/19 22:17 MJL		
Toluene	0.002	ppmv	0.00029	1.41	08/31/19 22:17 MJL	108-88-3	
trans-1,2-Dichloroethene	ND	ppmv	0.00027	1.41	08/31/19 22:17 MJL	156-60-5	
trans-1,3-Dichloropropene	ND	ppmv	0.00028	1.41	08/31/19 22:17 MJL	10061-02-6	
Trichloroethene	ND	ppmv	0.00014	1.41	08/31/19 22:17 MJL	79-01-6	
Trichlorofluoromethane	ND	ppmv	0.00028	1.41	08/31/19 22:17 MJL	75-69-4	
Vinyl acetate	ND	ppmv	0.00028	1.41	08/31/19 22:17 MJL	108-05-4	
Vinyl chloride	ND	ppmv	0.00014	1.41	08/31/19 22:17 MJL	75-01-4	

DISCLAIMER: These results have been converted to the units shown from the original units of measurement assuming 20 degrees Celsius and 1 atmosphere pressure. Values were not rounded according to EPA rounding rules. THC is quantitated based on the average response factors of several compounds; the nominal molecular weight of THC used for units conversion is the average of the molecular weights of the compounds used for quantitation.

SUPPLEMENTAL REPORT

Units Conversion Request

Pace Analytical Services, Inc.
1700 Elm Street – Suite 200
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444

ANALYTICAL RESULTS

Client: AerostarSES LLC
Phone: 504-486-8368

Lab Project Number: 10488946
Project Name: M3010.1437.0006.277 Police Hea

Lab Sample No: 10488946003
Client Sample ID: 2460-3 VOC

ProjSampleNum: 10488946003
Matrix: Air

Date Collected: 08/21/19 16:00
Date Received: 08/26/19 9:30

Parameters	Results	Units	Report Limit	DF	Analyzed	CAS No.	Qualifiers
Air							
TO-15							
1,1,1-Trichloroethane	ND	ppmv	0.00029	1.46	08/31/19 22:46 MJL	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ppmv	0.00014	1.46	08/31/19 22:46 MJL	79-34-5	
1,1,2-Trichloroethane	ND	ppmv	0.00015	1.46	08/31/19 22:46 MJL	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ppmv	0.0003	1.46	08/31/19 22:46 MJL	76-13-1	
1,1-Dichloroethane	ND	ppmv	0.00029	1.46	08/31/19 22:46 MJL	75-34-3	
1,1-Dichloroethene	ND	ppmv	0.0003	1.46	08/31/19 22:46 MJL	75-35-4	
1,2,4-Trichlorobenzene	ND	ppmv	0.0015	1.46	08/31/19 22:46 MJL	120-82-1	
1,2,4-Trimethylbenzene	0.00032	ppmv	0.0003	1.46	08/31/19 22:46 MJL	95-63-6	
1,2-Dibromoethane (EDB)	ND	ppmv	0.00014	1.46	08/31/19 22:46 MJL	106-93-4	
1,2-Dichlorobenzene	ND	ppmv	0.00029	1.46	08/31/19 22:46 MJL	95-50-1	
1,2-Dichloroethane	0.00023	ppmv	0.00015	1.46	08/31/19 22:46 MJL	107-06-2	
1,2-Dichloropropane	ND	ppmv	0.0003	1.46	08/31/19 22:46 MJL	78-87-5	
1,3,5-Trimethylbenzene	ND	ppmv	0.0003	1.46	08/31/19 22:46 MJL	108-67-8	
1,3-Butadiene	ND	ppmv	0.00029	1.46	08/31/19 22:46 MJL	106-99-0	
1,3-Dichlorobenzene	ND	ppmv	0.00029	1.46	08/31/19 22:46 MJL	541-73-1	
1,4-Dichlorobenzene	0.073	ppmv	0.015	29.2	09/01/19 12:42 MJL	106-46-7	
2-Butanone (MEK)	0.0019	ppmv	0.0015	1.46	08/31/19 22:46 MJL	78-93-3	
2-Hexanone	ND	ppmv	0.0015	1.46	08/31/19 22:46 MJL	591-78-6	
2-Propanol	0.014	ppmv	0.0014	1.46	08/31/19 22:46 MJL	67-63-0	
4-Ethyltoluene	ND	ppmv	0.00072	1.46	08/31/19 22:46 MJL	622-96-8	
4-Methyl-2-pentanone (MIBK)	ND	ppmv	0.0015	1.46	08/31/19 22:46 MJL	108-10-1	
Acetone	0.07	ppmv	0.0014	1.46	08/31/19 22:46 MJL	67-64-1	
Benzene	0.00034	ppmv	0.00014	1.46	08/31/19 22:46 MJL	71-43-2	
Bromodichloromethane	ND	ppmv	0.00029	1.46	08/31/19 22:46 MJL	75-27-4	
Bromoform	ND	ppmv	0.00073	1.46	08/31/19 22:46 MJL	75-25-2	
Bromomethane	ND	ppmv	0.0003	1.46	08/31/19 22:46 MJL	74-83-9	
Carbon disulfide	0.00041	ppmv	0.00029	1.46	08/31/19 22:46 MJL	75-15-0	
Carbon tetrachloride	ND	ppmv	0.0003	1.46	08/31/19 22:46 MJL	56-23-5	
Chlorobenzene	ND	ppmv	0.0003	1.46	08/31/19 22:46 MJL	108-90-7	
Chloroethane	ND	ppmv	0.00029	1.46	08/31/19 22:46 MJL	75-00-3	
Chloroform	0.00046	ppmv	0.00015	1.46	08/31/19 22:46 MJL	67-66-3	
Chloromethane	0.00067	ppmv	0.00029	1.46	08/31/19 22:46 MJL	74-87-3	
cis-1,2-Dichloroethene	ND	ppmv	0.0003	1.46	08/31/19 22:46 MJL	156-59-2	
cis-1,3-Dichloropropene	ND	ppmv	0.00028	1.46	08/31/19 22:46 MJL	10061-01-5	
Cyclohexane	ND	ppmv	0.00074	1.46	08/31/19 22:46 MJL	110-82-7	
Dibromochloromethane	ND	ppmv	0.00029	1.46	08/31/19 22:46 MJL	124-48-1	
Dichlorodifluoromethane	0.00048	ppmv	0.0003	1.46	08/31/19 22:46 MJL	75-71-8	
Dichlorotetrafluoroethane	ND	ppmv	0.0003	1.46	08/31/19 22:46 MJL	76-14-2	

SUPPLEMENTAL REPORT

Units Conversion Request

Pace Analytical Services, Inc.
1700 Elm Street – Suite 200
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444

ANALYTICAL RESULTS

Client: AerostarSES LLC
Phone: 504-486-8368

Lab Project Number: 10488946
Project Name: M3010.1437.0006.277 Police Hea

Lab Sample No: 10488946003
Client Sample ID: 2460-3 VOC

ProjSampleNum: 10488946003
Matrix: Air

Date Collected: 08/21/19 16:00
Date Received: 08/26/19 9:30

Parameters	Results	Units	Report Limit	DF	Analyzed		CAS No.	Qualifiers
Air								
Ethanol	0.19	ppmv	0.0015	1.46	08/31/19 22:46	MJL	64-17-5	
Ethyl acetate	0.00079	ppmv	0.0003	1.46	08/31/19 22:46	MJL	141-78-6	
Ethylbenzene	ND	ppmv	0.00029	1.46	08/31/19 22:46	MJL	100-41-4	
Hexachloro-1,3-butadiene	ND	ppmv	0.00073	1.46	08/31/19 22:46	MJL	87-68-3	
m&p-Xylene	0.00093	ppmv	0.00059	1.46	08/31/19 22:46	MJL	179601-23-1	
Methylene Chloride	ND	ppmv	0.0015	1.46	08/31/19 22:46	MJL	75-09-2	
Methyl-tert-butyl ether	ND	ppmv	0.0014	1.46	08/31/19 22:46	MJL	1634-04-4	
Naphthalene	ND	ppmv	0.00073	1.46	08/31/19 22:46	MJL	91-20-3	
n-Heptane	0.0011	ppmv	0.00029	1.46	08/31/19 22:46	MJL	142-82-5	
n-Hexane	0.0007	ppmv	0.00028	1.46	08/31/19 22:46	MJL	110-54-3	
o-Xylene	0.00032	ppmv	0.00029	1.46	08/31/19 22:46	MJL	95-47-6	
Propylene	ND	ppmv	0.00029	1.46	08/31/19 22:46	MJL	115-07-1	
Styrene	0.00032	ppmv	0.0003	1.46	08/31/19 22:46	MJL	100-42-5	
Tetrachloroethene	ND	ppmv	0.00015	1.46	08/31/19 22:46	MJL	127-18-4	
Tetrahydrofuran	0.00073	ppmv	0.00029	1.46	08/31/19 22:46	MJL	109-99-9	
THC as Gas	0.32	ppmv	0.035	1.46	08/31/19 22:46	MJL		
Toluene	0.0017	ppmv	0.00029	1.46	08/31/19 22:46	MJL	108-88-3	
trans-1,2-Dichloroethene	ND	ppmv	0.0003	1.46	08/31/19 22:46	MJL	156-60-5	
trans-1,3-Dichloropropene	ND	ppmv	0.00028	1.46	08/31/19 22:46	MJL	10061-02-6	
Trichloroethene	ND	ppmv	0.00015	1.46	08/31/19 22:46	MJL	79-01-6	
Trichlorofluoromethane	ND	ppmv	0.0003	1.46	08/31/19 22:46	MJL	75-69-4	
Vinyl acetate	ND	ppmv	0.00028	1.46	08/31/19 22:46	MJL	108-05-4	
Vinyl chloride	ND	ppmv	0.00015	1.46	08/31/19 22:46	MJL	75-01-4	

DISCLAIMER: These results have been converted to the units shown from the original units of measurement assuming 20 degrees Celsius and 1 atmosphere pressure. Values were not rounded according to EPA rounding rules. THC is quantitated based on the average response factors of several compounds; the nominal molecular weight of THC used for units conversion is the average of the molecular weights of the compounds used for quantitation.

SUPPLEMENTAL REPORT

Units Conversion Request

Pace Analytical Services, Inc.
1700 Elm Street – Suite 200
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444

ANALYTICAL RESULTS

Client: AerostarSES LLC
Phone: 504-486-8368

Lab Project Number: 10488946
Project Name: M3010.1437.0006.277 Police Hea

Lab Sample No: 10488946004
Client Sample ID: 2460-4 VOC

ProjSampleNum: 10488946004
Matrix: Air

Date Collected: 08/21/19 16:07
Date Received: 08/26/19 9:30

Parameters	Results	Units	Report Limit	DF	Analyzed	CAS No.	Qualifiers
Air							
TO-15							
1,1,1-Trichloroethane	ND	ppmv	0.00029	1.44	08/31/19 23:15 MJL	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ppmv	0.00014	1.44	08/31/19 23:15 MJL	79-34-5	
1,1,2-Trichloroethane	ND	ppmv	0.00014	1.44	08/31/19 23:15 MJL	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ppmv	0.00028	1.44	08/31/19 23:15 MJL	76-13-1	
1,1-Dichloroethane	ND	ppmv	0.00029	1.44	08/31/19 23:15 MJL	75-34-3	
1,1-Dichloroethene	ND	ppmv	0.0003	1.44	08/31/19 23:15 MJL	75-35-4	
1,2,4-Trichlorobenzene	ND	ppmv	0.0014	1.44	08/31/19 23:15 MJL	120-82-1	
1,2,4-Trimethylbenzene	0.0003	ppmv	0.00028	1.44	08/31/19 23:15 MJL	95-63-6	
1,2-Dibromoethane (EDB)	ND	ppmv	0.00014	1.44	08/31/19 23:15 MJL	106-93-4	
1,2-Dichlorobenzene	ND	ppmv	0.00029	1.44	08/31/19 23:15 MJL	95-50-1	
1,2-Dichloroethane	0.00022	ppmv	0.00014	1.44	08/31/19 23:15 MJL	107-06-2	
1,2-Dichloropropane	ND	ppmv	0.0003	1.44	08/31/19 23:15 MJL	78-87-5	
1,3,5-Trimethylbenzene	ND	ppmv	0.00028	1.44	08/31/19 23:15 MJL	108-67-8	
1,3-Butadiene	ND	ppmv	0.00029	1.44	08/31/19 23:15 MJL	106-99-0	
1,3-Dichlorobenzene	ND	ppmv	0.00029	1.44	08/31/19 23:15 MJL	541-73-1	
1,4-Dichlorobenzene	0.078	ppmv	0.014	28.8	09/01/19 12:15 MJL	106-46-7	
2-Butanone (MEK)	0.0023	ppmv	0.0014	1.44	08/31/19 23:15 MJL	78-93-3	
2-Hexanone	ND	ppmv	0.0014	1.44	08/31/19 23:15 MJL	591-78-6	
2-Propanol	0.01	ppmv	0.0014	1.44	08/31/19 23:15 MJL	67-63-0	
4-Ethyltoluene	ND	ppmv	0.00072	1.44	08/31/19 23:15 MJL	622-96-8	
4-Methyl-2-pentanone (MIBK)	ND	ppmv	0.0014	1.44	08/31/19 23:15 MJL	108-10-1	
Acetone	0.051	ppmv	0.0014	1.44	08/31/19 23:15 MJL	67-64-1	
Benzene	0.00028	ppmv	0.00014	1.44	08/31/19 23:15 MJL	71-43-2	
Bromodichloromethane	ND	ppmv	0.00029	1.44	08/31/19 23:15 MJL	75-27-4	
Bromoform	ND	ppmv	0.00072	1.44	08/31/19 23:15 MJL	75-25-2	
Bromomethane	ND	ppmv	0.00028	1.44	08/31/19 23:15 MJL	74-83-9	
Carbon disulfide	0.00041	ppmv	0.00029	1.44	08/31/19 23:15 MJL	75-15-0	
Carbon tetrachloride	ND	ppmv	0.00028	1.44	08/31/19 23:15 MJL	56-23-5	
Chlorobenzene	ND	ppmv	0.00028	1.44	08/31/19 23:15 MJL	108-90-7	
Chloroethane	ND	ppmv	0.00029	1.44	08/31/19 23:15 MJL	75-00-3	
Chloroform	0.00048	ppmv	0.00014	1.44	08/31/19 23:15 MJL	67-66-3	
Chloromethane	0.00076	ppmv	0.00029	1.44	08/31/19 23:15 MJL	74-87-3	
cis-1,2-Dichloroethene	ND	ppmv	0.0003	1.44	08/31/19 23:15 MJL	156-59-2	
cis-1,3-Dichloropropene	ND	ppmv	0.00028	1.44	08/31/19 23:15 MJL	10061-01-5	
Cyclohexane	0.0016	ppmv	0.00071	1.44	08/31/19 23:15 MJL	110-82-7	
Dibromochloromethane	ND	ppmv	0.00029	1.44	08/31/19 23:15 MJL	124-48-1	
Dichlorodifluoromethane	0.0005	ppmv	0.0003	1.44	08/31/19 23:15 MJL	75-71-8	
Dichlorotetrafluoroethane	ND	ppmv	0.00028	1.44	08/31/19 23:15 MJL	76-14-2	

SUPPLEMENTAL REPORT

Units Conversion Request

Pace Analytical Services, Inc.
1700 Elm Street – Suite 200
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444

ANALYTICAL RESULTS

Client: AerostarSES LLC
Phone: 504-486-8368

Lab Project Number: 10488946
Project Name: M3010.1437.0006.277 Police Hea

Lab Sample No: 10488946004
Client Sample ID: 2460-4 VOC

ProjSampleNum: 10488946004
Matrix: Air

Date Collected: 08/21/19 16:07
Date Received: 08/26/19 9:30

Parameters	Results	Units	Report Limit	DF	Analyzed	CAS No.	Qualifiers
Air							
Ethanol	0.41	ppmv	0.029	28.8	09/01/19 12:15 MJL	64-17-5	
Ethyl acetate	0.0006	ppmv	0.0003	1.44	08/31/19 23:15 MJL	141-78-6	
Ethylbenzene	ND	ppmv	0.00029	1.44	08/31/19 23:15 MJL	100-41-4	
Hexachloro-1,3-butadiene	ND	ppmv	0.00072	1.44	08/31/19 23:15 MJL	87-68-3	
m&p-Xylene	0.00084	ppmv	0.00057	1.44	08/31/19 23:15 MJL	179601-23-1	
Methylene Chloride	0.0038	ppmv	0.0014	1.44	08/31/19 23:15 MJL	75-09-2	
Methyl-tert-butyl ether	ND	ppmv	0.0014	1.44	08/31/19 23:15 MJL	1634-04-4	
Naphthalene	ND	ppmv	0.00071	1.44	08/31/19 23:15 MJL	91-20-3	
n-Heptane	0.00082	ppmv	0.00029	1.44	08/31/19 23:15 MJL	142-82-5	
n-Hexane	0.0011	ppmv	0.00028	1.44	08/31/19 23:15 MJL	110-54-3	
o-Xylene	0.00032	ppmv	0.00029	1.44	08/31/19 23:15 MJL	95-47-6	
Propylene	ND	ppmv	0.00029	1.44	08/31/19 23:15 MJL	115-07-1	
Styrene	0.00042	ppmv	0.00028	1.44	08/31/19 23:15 MJL	100-42-5	
Tetrachloroethene	ND	ppmv	0.00014	1.44	08/31/19 23:15 MJL	127-18-4	
Tetrahydrofuran	0.00067	ppmv	0.00029	1.44	08/31/19 23:15 MJL	109-99-9	
THC as Gas	0.52	ppmv	0.035	1.44	08/31/19 23:15 MJL		
Toluene	0.0016	ppmv	0.00029	1.44	08/31/19 23:15 MJL	108-88-3	
trans-1,2-Dichloroethene	ND	ppmv	0.0003	1.44	08/31/19 23:15 MJL	156-60-5	
trans-1,3-Dichloropropene	ND	ppmv	0.00028	1.44	08/31/19 23:15 MJL	10061-02-6	
Trichloroethene	ND	ppmv	0.00014	1.44	08/31/19 23:15 MJL	79-01-6	
Trichlorofluoromethane	ND	ppmv	0.00028	1.44	08/31/19 23:15 MJL	75-69-4	
Vinyl acetate	ND	ppmv	0.00028	1.44	08/31/19 23:15 MJL	108-05-4	
Vinyl chloride	ND	ppmv	0.00014	1.44	08/31/19 23:15 MJL	75-01-4	

DISCLAIMER: These results have been converted to the units shown from the original units of measurement assuming 20 degrees Celsius and 1 atmosphere pressure. Values were not rounded according to EPA rounding rules. THC is quantitated based on the average response factors of several compounds; the nominal molecular weight of THC used for units conversion is the average of the molecular weights of the compounds used for quantitation.

SUPPLEMENTAL REPORT

Units Conversion Request

Pace Analytical Services, Inc.
1700 Elm Street – Suite 200
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444

ANALYTICAL RESULTS

Client: AerostarSES LLC
Phone: 504-486-8368

Lab Project Number: 10488946
Project Name: M3010.1437.0006.277 Police Hea

Lab Sample No: 10488946005
Client Sample ID: 2460-5 VOC

ProjSampleNum: 10488946005
Matrix: Air

Date Collected: 08/21/19 16:10
Date Received: 08/26/19 9:30

Air

TO-15

Parameters	Results	Units	Report Limit	DF	Analyzed		CAS No.	Qualifiers
1,1,1-Trichloroethane	ND	ppmv	0.00029	1.44	08/31/19 23:46	MJL	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ppmv	0.00014	1.44	08/31/19 23:46	MJL	79-34-5	
1,1,2-Trichloroethane	ND	ppmv	0.00014	1.44	08/31/19 23:46	MJL	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ppmv	0.00028	1.44	08/31/19 23:46	MJL	76-13-1	
1,1-Dichloroethane	ND	ppmv	0.00029	1.44	08/31/19 23:46	MJL	75-34-3	
1,1-Dichloroethene	ND	ppmv	0.0003	1.44	08/31/19 23:46	MJL	75-35-4	
1,2,4-Trichlorobenzene	ND	ppmv	0.0014	1.44	08/31/19 23:46	MJL	120-82-1	
1,2,4-Trimethylbenzene	0.0003	ppmv	0.00028	1.44	08/31/19 23:46	MJL	95-63-6	
1,2-Dibromoethane (EDB)	ND	ppmv	0.00014	1.44	08/31/19 23:46	MJL	106-93-4	
1,2-Dichlorobenzene	ND	ppmv	0.00029	1.44	08/31/19 23:46	MJL	95-50-1	
1,2-Dichloroethane	0.00036	ppmv	0.00014	1.44	08/31/19 23:46	MJL	107-06-2	
1,2-Dichloropropane	ND	ppmv	0.0003	1.44	08/31/19 23:46	MJL	78-87-5	
1,3,5-Trimethylbenzene	ND	ppmv	0.00028	1.44	08/31/19 23:46	MJL	108-67-8	
1,3-Butadiene	ND	ppmv	0.00029	1.44	08/31/19 23:46	MJL	106-99-0	
1,3-Dichlorobenzene	ND	ppmv	0.00029	1.44	08/31/19 23:46	MJL	541-73-1	
1,4-Dichlorobenzene	0.062	ppmv	0.0019	3.86	09/01/19 11:19	MJL	106-46-7	
2-Butanone (MEK)	ND	ppmv	0.0014	1.44	08/31/19 23:46	MJL	78-93-3	
2-Hexanone	ND	ppmv	0.0014	1.44	08/31/19 23:46	MJL	591-78-6	
2-Propanol	0.015	ppmv	0.0014	1.44	08/31/19 23:46	MJL	67-63-0	
4-Ethyltoluene	ND	ppmv	0.00072	1.44	08/31/19 23:46	MJL	622-96-8	
4-Methyl-2-pentanone (MIBK)	ND	ppmv	0.0014	1.44	08/31/19 23:46	MJL	108-10-1	
Acetone	0.027	ppmv	0.0014	1.44	08/31/19 23:46	MJL	67-64-1	
Benzene	0.00027	ppmv	0.00014	1.44	08/31/19 23:46	MJL	71-43-2	
Bromodichloromethane	ND	ppmv	0.00029	1.44	08/31/19 23:46	MJL	75-27-4	
Bromoform	ND	ppmv	0.00072	1.44	08/31/19 23:46	MJL	75-25-2	
Bromomethane	ND	ppmv	0.00028	1.44	08/31/19 23:46	MJL	74-83-9	
Carbon disulfide	0.00051	ppmv	0.00029	1.44	08/31/19 23:46	MJL	75-15-0	
Carbon tetrachloride	ND	ppmv	0.00028	1.44	08/31/19 23:46	MJL	56-23-5	
Chlorobenzene	ND	ppmv	0.00028	1.44	08/31/19 23:46	MJL	108-90-7	
Chloroethane	ND	ppmv	0.00029	1.44	08/31/19 23:46	MJL	75-00-3	
Chloroform	0.00024	ppmv	0.00014	1.44	08/31/19 23:46	MJL	67-66-3	
Chloromethane	0.00057	ppmv	0.00029	1.44	08/31/19 23:46	MJL	74-87-3	
cis-1,2-Dichloroethene	ND	ppmv	0.0003	1.44	08/31/19 23:46	MJL	156-59-2	
cis-1,3-Dichloropropene	ND	ppmv	0.00028	1.44	08/31/19 23:46	MJL	10061-01-5	
Cyclohexane	0.00083	ppmv	0.00071	1.44	08/31/19 23:46	MJL	110-82-7	
Dibromochloromethane	ND	ppmv	0.00029	1.44	08/31/19 23:46	MJL	124-48-1	
Dichlorodifluoromethane	0.00054	ppmv	0.0003	1.44	08/31/19 23:46	MJL	75-71-8	
Dichlorotetrafluoroethane	ND	ppmv	0.00028	1.44	08/31/19 23:46	MJL	76-14-2	

SUPPLEMENTAL REPORT

Units Conversion Request

Pace Analytical Services, Inc.
1700 Elm Street – Suite 200
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444

ANALYTICAL RESULTS

Client: AerostarSES LLC
Phone: 504-486-8368

Lab Project Number: 10488946
Project Name: M3010.1437.0006.277 Police Hea

Lab Sample No: 10488946005
Client Sample ID: 2460-5 VOC

ProjSampleNum: 10488946005
Matrix: Air

Date Collected: 08/21/19 16:10
Date Received: 08/26/19 9:30

Parameters	Results	Units	Report Limit	DF	Analyzed	CAS No.	Qualifiers
Air							
Ethanol	0.095	ppmv	0.0015	1.44	08/31/19 23:46 MJL	64-17-5	
Ethyl acetate	0.00055	ppmv	0.0003	1.44	08/31/19 23:46 MJL	141-78-6	
Ethylbenzene	ND	ppmv	0.00029	1.44	08/31/19 23:46 MJL	100-41-4	
Hexachloro-1,3-butadiene	ND	ppmv	0.00072	1.44	08/31/19 23:46 MJL	87-68-3	
m&p-Xylene	0.00075	ppmv	0.00057	1.44	08/31/19 23:46 MJL	179601-23-1	
Methylene Chloride	0.044	ppmv	0.0014	1.44	08/31/19 23:46 MJL	75-09-2	
Methyl-tert-butyl ether	ND	ppmv	0.0014	1.44	08/31/19 23:46 MJL	1634-04-4	
Naphthalene	ND	ppmv	0.00071	1.44	08/31/19 23:46 MJL	91-20-3	
n-Heptane	0.00048	ppmv	0.00029	1.44	08/31/19 23:46 MJL	142-82-5	
n-Hexane	0.006	ppmv	0.00028	1.44	08/31/19 23:46 MJL	110-54-3	
o-Xylene	ND	ppmv	0.00029	1.44	08/31/19 23:46 MJL	95-47-6	
Propylene	ND	ppmv	0.00029	1.44	08/31/19 23:46 MJL	115-07-1	
Styrene	ND	ppmv	0.00028	1.44	08/31/19 23:46 MJL	100-42-5	
Tetrachloroethene	0.00073	ppmv	0.00014	1.44	08/31/19 23:46 MJL	127-18-4	
Tetrahydrofuran	ND	ppmv	0.00029	1.44	08/31/19 23:46 MJL	109-99-9	
THC as Gas	0.24	ppmv	0.035	1.44	08/31/19 23:46 MJL		
Toluene	0.002	ppmv	0.00029	1.44	08/31/19 23:46 MJL	108-88-3	
trans-1,2-Dichloroethene	ND	ppmv	0.0003	1.44	08/31/19 23:46 MJL	156-60-5	
trans-1,3-Dichloropropene	ND	ppmv	0.00028	1.44	08/31/19 23:46 MJL	10061-02-6	
Trichloroethene	ND	ppmv	0.00014	1.44	08/31/19 23:46 MJL	79-01-6	
Trichlorofluoromethane	0.0003	ppmv	0.00028	1.44	08/31/19 23:46 MJL	75-69-4	
Vinyl acetate	ND	ppmv	0.00028	1.44	08/31/19 23:46 MJL	108-05-4	
Vinyl chloride	ND	ppmv	0.00014	1.44	08/31/19 23:46 MJL	75-01-4	

DISCLAIMER: These results have been converted to the units shown from the original units of measurement assuming 20 degrees Celsius and 1 atmosphere pressure. Values were not rounded according to EPA rounding rules. THC is quantitated based on the average response factors of several compounds; the nominal molecular weight of THC used for units conversion is the average of the molecular weights of the compounds used for quantitation.

SUPPLEMENTAL REPORT

Units Conversion Request

Pace Analytical Services, Inc.
1700 Elm Street – Suite 200
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444

ANALYTICAL RESULTS

Client: AerostarSES LLC
Phone: 504-486-8368

Lab Project Number: 10488946
Project Name: M3010.1437.0006.277 Police Hea

Lab Sample No: 10488946006
Client Sample ID: 2460-6 VOC

ProjSampleNum: 10488946006
Matrix: Air

Date Collected: 08/21/19 16:15
Date Received: 08/26/19 9:30

Air

TO-15

Parameters	Results	Units	Report Limit	DF	Analyzed	CAS No.	Qualifiers
1,1,1-Trichloroethane	ND	ppmv	0.00031	1.49	09/01/19 0:15 MJL	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ppmv	0.00014	1.49	09/01/19 0:15 MJL	79-34-5	
1,1,2-Trichloroethane	ND	ppmv	0.00015	1.49	09/01/19 0:15 MJL	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ppmv	0.0003	1.49	09/01/19 0:15 MJL	76-13-1	
1,1-Dichloroethane	ND	ppmv	0.00029	1.49	09/01/19 0:15 MJL	75-34-3	
1,1-Dichloroethene	ND	ppmv	0.0003	1.49	09/01/19 0:15 MJL	75-35-4	
1,2,4-Trichlorobenzene	ND	ppmv	0.0015	1.49	09/01/19 0:15 MJL	120-82-1	
1,2,4-Trimethylbenzene	0.00044	ppmv	0.0003	1.49	09/01/19 0:15 MJL	95-63-6	
1,2-Dibromoethane (EDB)	ND	ppmv	0.00015	1.49	09/01/19 0:15 MJL	106-93-4	
1,2-Dichlorobenzene	ND	ppmv	0.00029	1.49	09/01/19 0:15 MJL	95-50-1	
1,2-Dichloroethane	0.00058	ppmv	0.00015	1.49	09/01/19 0:15 MJL	107-06-2	
1,2-Dichloropropane	ND	ppmv	0.0003	1.49	09/01/19 0:15 MJL	78-87-5	
1,3,5-Trimethylbenzene	ND	ppmv	0.0003	1.49	09/01/19 0:15 MJL	108-67-8	
1,3-Butadiene	ND	ppmv	0.0003	1.49	09/01/19 0:15 MJL	106-99-0	
1,3-Dichlorobenzene	ND	ppmv	0.00029	1.49	09/01/19 0:15 MJL	541-73-1	
1,4-Dichlorobenzene	0.047	ppmv	0.0015	2.98	09/01/19 11:48 MJL	106-46-7	
2-Butanone (MEK)	0.0062	ppmv	0.0015	1.49	09/01/19 0:15 MJL	78-93-3	
2-Hexanone	ND	ppmv	0.0015	1.49	09/01/19 0:15 MJL	591-78-6	
2-Propanol	0.012	ppmv	0.0015	1.49	09/01/19 0:15 MJL	67-63-0	
4-Ethyltoluene	ND	ppmv	0.00074	1.49	09/01/19 0:15 MJL	622-96-8	
4-Methyl-2-pentanone (MIBK)	0.0016	ppmv	0.0015	1.49	09/01/19 0:15 MJL	108-10-1	
Acetone	0.04	ppmv	0.0015	1.49	09/01/19 0:15 MJL	67-64-1	
Benzene	0.00025	ppmv	0.00015	1.49	09/01/19 0:15 MJL	71-43-2	
Bromodichloromethane	ND	ppmv	0.00029	1.49	09/01/19 0:15 MJL	75-27-4	
Bromoform	ND	ppmv	0.00074	1.49	09/01/19 0:15 MJL	75-25-2	
Bromomethane	ND	ppmv	0.0003	1.49	09/01/19 0:15 MJL	74-83-9	
Carbon disulfide	0.0018	ppmv	0.0003	1.49	09/01/19 0:15 MJL	75-15-0	
Carbon tetrachloride	ND	ppmv	0.0003	1.49	09/01/19 0:15 MJL	56-23-5	
Chlorobenzene	ND	ppmv	0.0003	1.49	09/01/19 0:15 MJL	108-90-7	
Chloroethane	ND	ppmv	0.0003	1.49	09/01/19 0:15 MJL	75-00-3	
Chloroform	0.0003	ppmv	0.00015	1.49	09/01/19 0:15 MJL	67-66-3	
Chloromethane	0.00076	ppmv	0.0003	1.49	09/01/19 0:15 MJL	74-87-3	
cis-1,2-Dichloroethene	ND	ppmv	0.0003	1.49	09/01/19 0:15 MJL	156-59-2	
cis-1,3-Dichloropropene	ND	ppmv	0.0003	1.49	09/01/19 0:15 MJL	10061-01-5	
Cyclohexane	0.0011	ppmv	0.00074	1.49	09/01/19 0:15 MJL	110-82-7	
Dibromochloromethane	ND	ppmv	0.0003	1.49	09/01/19 0:15 MJL	124-48-1	
Dichlorodifluoromethane	0.00052	ppmv	0.0003	1.49	09/01/19 0:15 MJL	75-71-8	
Dichlorotetrafluoroethane	ND	ppmv	0.0003	1.49	09/01/19 0:15 MJL	76-14-2	

SUPPLEMENTAL REPORT

Units Conversion Request

Pace Analytical Services, Inc.
1700 Elm Street – Suite 200
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444

ANALYTICAL RESULTS

Client: AerostarSES LLC
Phone: 504-486-8368

Lab Project Number: 10488946
Project Name: M3010.1437.0006.277 Police Hea

Lab Sample No: 10488946006
Client Sample ID: 2460-6 VOC

ProjSampleNum: 10488946006
Matrix: Air

Date Collected: 08/21/19 16:15
Date Received: 08/26/19 9:30

Parameters	Results	Units	Report Limit	DF	Analyzed	CAS No.	Qualifiers
Air							
Ethanol	0.16	ppmv	0.0015	1.49	09/01/19 0:15 MJL	64-17-5	
Ethyl acetate	0.00071	ppmv	0.0003	1.49	09/01/19 0:15 MJL	141-78-6	
Ethylbenzene	ND	ppmv	0.00029	1.49	09/01/19 0:15 MJL	100-41-4	
Hexachloro-1,3-butadiene	ND	ppmv	0.00075	1.49	09/01/19 0:15 MJL	87-68-3	
m&p-Xylene	0.00093	ppmv	0.00059	1.49	09/01/19 0:15 MJL	179601-23-1	
Methylene Chloride	ND	ppmv	0.0015	1.49	09/01/19 0:15 MJL	75-09-2	
Methyl-tert-butyl ether	ND	ppmv	0.0015	1.49	09/01/19 0:15 MJL	1634-04-4	
Naphthalene	ND	ppmv	0.00075	1.49	09/01/19 0:15 MJL	91-20-3	
n-Heptane	0.00065	ppmv	0.00029	1.49	09/01/19 0:15 MJL	142-82-5	
n-Hexane	0.00061	ppmv	0.00031	1.49	09/01/19 0:15 MJL	110-54-3	
o-Xylene	0.00034	ppmv	0.00029	1.49	09/01/19 0:15 MJL	95-47-6	
Propylene	ND	ppmv	0.0003	1.49	09/01/19 0:15 MJL	115-07-1	
Styrene	0.0003	ppmv	0.0003	1.49	09/01/19 0:15 MJL	100-42-5	
Tetrachloroethene	0.00075	ppmv	0.00015	1.49	09/01/19 0:15 MJL	127-18-4	
Tetrahydrofuran	0.0075	ppmv	0.0003	1.49	09/01/19 0:15 MJL	109-99-9	
THC as Gas	0.19	ppmv	0.036	1.49	09/01/19 0:15 MJL		
Toluene	0.0018	ppmv	0.00029	1.49	09/01/19 0:15 MJL	108-88-3	
trans-1,2-Dichloroethene	ND	ppmv	0.0003	1.49	09/01/19 0:15 MJL	156-60-5	
trans-1,3-Dichloropropene	ND	ppmv	0.0003	1.49	09/01/19 0:15 MJL	10061-02-6	
Trichloroethene	ND	ppmv	0.00015	1.49	09/01/19 0:15 MJL	79-01-6	
Trichlorofluoromethane	ND	ppmv	0.0003	1.49	09/01/19 0:15 MJL	75-69-4	
Vinyl acetate	ND	ppmv	0.00031	1.49	09/01/19 0:15 MJL	108-05-4	
Vinyl chloride	ND	ppmv	0.00015	1.49	09/01/19 0:15 MJL	75-01-4	

DISCLAIMER: These results have been converted to the units shown from the original units of measurement assuming 20 degrees Celsius and 1 atmosphere pressure. Values were not rounded according to EPA rounding rules. THC is quantitated based on the average response factors of several compounds; the nominal molecular weight of THC used for units conversion is the average of the molecular weights of the compounds used for quantitation.

SUPPLEMENTAL REPORT

Units Conversion Request

Pace Analytical Services, Inc.
1700 Elm Street – Suite 200
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444

ANALYTICAL RESULTS

Client: AerostarSES LLC
Phone: 504-486-8368

Lab Project Number: 10488946
Project Name: M3010.1437.0006.277 Police Hea

PARAMETER FOOTNOTES

ND Not detected at or above adjusted reporting limit

NC Not Calculable

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

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