March 9, 2010

Commissioner Steven Stepniak
City of Buffalo Department of Public Works
Room 502, Buffalo City Hall
Buffalo, New York 14202

RE: Indoor Air Quality and Potable Water Assessment at the D-District Police Station, 669 Hertel Avenue, Buffalo, New York

Dear Commissioner Stepniak:

Leader Professional Services, Inc. ("Leader") is pleased to provide the City of Buffalo, New York, Department of Public Works ("DPW") with this cover letter summarizing the results of the recent Indoor Air Quality ("IAQ") and Potable Water Assessment ("the Assessment") completed at the D-District Buffalo Police Precinct at 669 Hertel Avenue, Buffalo, New York (hereafter referred to as "the Site"). The attached report includes the analytical results of the Assessment, compares the results with applicable regulatory standards and guidelines and provides conclusions and recommendations. Below are the pertinent conclusions from the Assessment.

1) The conditions in the Buffalo Police Department Precinct D building were found to be within the American Society of Heating, Refrigeration and Air Conditioning Engineers ("ASHRAE") comfort guidelines for temperature, carbon monoxide, relative humidity, and carbon dioxide levels. The relative humidity levels during the work day were near 20%, the lower end of the comfort scale. Low relative humidity is typical in buildings during the winter months and can lead to symptoms such as skin, eyes, and mucous membrane irritation.

2) There was no visible evidence of fungi overgrowth on the readily accessible areas of the main floor building materials. The air sampling results for fungi indicate that the air quality is not being adversely impacted by fungi.

3) Airborne asbestos was not detected at the Site.

4) Radon concentrations were below the applicable USEPA action level.

5) The airborne Volatile Organic Compound ("VOC") concentrations detected were below applicable Occupational Safety and Health Administration ("OSHA") Permissible Exposure Levels ("PELs"). The type of VOCs detected are typically found in products used in office environments. It should be noted that the levels of VOCs detected were low and near the analytical method detection limits.

6) Results from the potable water samples from the drinking fountain in the east corridor exhibited concentrations of analytes below the applicable New York State Department of Health ("NYSDOH") MCLs.

7) The water sample from the Basement Room – North sump exhibited a pH within acceptable ranges of New York State Department of Environmental Conservation ("NYSDEC") water quality standards. Fecal coliform was not detected in the sample, indicating that localized groundwater is not likely being influenced by nearby sewerage systems. Oil and grease were not detected within the sample.

8) The fungi tape samples collected from the upper ceilings of the Women's Locker Room, Break Room and Men's Locker Room indicate the presence of four (4) types of fungi, including Stachybotrys ("black mold") and Mycelial fragments. However, the air sampling results for fungi indicate that the air quality is not being adversely impacted by fungi.

The following recommendations have been developed based on the above conclusions:

1) Performing routine HVAC maintenance is a proactive method to maintain acceptable air quality. Intake filters should be maintained and changed regularly and cleaning the interior ductwork may minimize dust deposition;
2) The periodic standing water noted in the basement of the building should be addressed. Standing water can promote fungi on the cement block walls;
3) Fungi-affected building material surfaces should be cleaned to remove existing fungi growths, or, if not possible or cost-effective, properly removed; and
4) The areas above the first floor ceiling should be monitored for roof leakage to alleviate potential moisture sources that may have promoted fungi growth.

It was a pleasure working for the City of Buffalo Department of Public Works on this project. If you need any additional information, please contact the undersigned at (716) 565-0963.

Very truly yours,

LEADER PROFESSIONAL SERVICES, INC.

Keith Keller
Project Manager

Jeffrey A. Wittlinger, P.E., BCEE
Principal

Mary Ellen Holvey, CIH
Certified Industrial Hygienist

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1.0 BACKGROUND AND PURPOSE

The Buffalo Police Department – Precinct D is a single story masonry office building that is the work place for police officers and office staff. Employees working in the building have reported poor air quality and suspected personal health concerns related to the work environment. At the DPW's request, Leader conducted an indoor air quality ("IAQ") assessment to assess potential air quality issues at the Site.

Leader conducted sampling at specific locations within the building for comfort parameters, radon, asbestos, fungi, and volatile organic compounds ("VOCs"). A sample of tap water from a drinking fountain was collected and analyzed for heavy metal content to assess potable water quality. At the time of the sampling, Indoor Air Pro contractors were cleaning the ducts. In addition, as a result of a February 12, 2010 request, a sample of water from the basement sump was collected and analyzed for fecal coliform, pH, and oil and grease. Pursuant to a February 22, 2010 DPW request, surface tape samples were collected from three (3) locations on the upper ceiling of the building for fungi (i.e., mold) analyses.

2.0 SCOPE-OF-WORK

The specific scope of work was developed based upon information provided by Dr. David Hornung of the DPW during a telephone conversation with Mr. Keith Keller of Leader on January 29, 2010. This scope was incorporated into our February 1, 2010, proposal/contract. In addition, Mr. Keller met with Dr. Hornung at the Site on February 9, 2010 to complete a walkthrough of the building to identify sampling locations immediately prior to completing the Assessment.

Table 1 summarizes the sample collection activities associated with specific areas of the Site. All sampling (with the exception of the water sample from the basement sump and ceiling tape sample collection) was initiated on February 9, 2010. Pre-determined, time sensitive air sampling, (i.e., 24 hour VOC and 24 hour comfort parameter sampling) was concluded on February 10, 2010. Passive 48 hour air sampling for Radon was concluded on February 11, 2010. The fungi and VOC air samples were submitted to Galson Laboratories, an American Industrial Hygiene Accredited ("AIHA") Laboratory, for analysis. The asbestos air samples, drinking water and radon samples were sent to Paradigm Environmental Laboratories. These laboratories are New York State Department of Health ("NYSDOH") approved laboratories. All samples were collected following appropriate chain-of-custody protocols. The sampling and testing was conducted under the direct oversight of Mary Ellen Holvey, Leader's Certified Industrial Hygienist.

TABLE 1

SAMPLING SUMMARY

Area Sampled	Area Description	Sampling Activity Conducted
Main Desk Area	Main public entrance and reception area, consisting of open office area and multiple work desks.	24 hour comfort parameter air sample. 80 minute asbestos air sample. 24 hour Volatile Organic Compound ("VOC") air sample. 48 hour radon sample. 5 minute fungi air sample.
Lieutenant's Office	Immediately east of the Main Desk Area, consisting of an open office area and multiple work desks.	24 hour comfort parameter air sample. 80 minute asbestos air sample. 24 hour Volatile Organic Compound ("VOC") air sample. 5 minute fungi air sample.
Break Room	In the northeast corner of the building, with kitchen style tables, television and kitchenette area.	10 second comfort parameter air sample. 80 minute asbestos air sample. 24 hour Volatile Organic Compound ("VOC") air sample. 5 minute fungi air sample. **Tape sample of fungi from upper ceiling area.
Exercise Room	On the east side of the building, consisting of exercise equipment.	10 second comfort parameter air sample. 5 minute fungi air sample area.

Area Sampled	Area Description	Sampling Activity Conducted
Captain's Office	Southwest corner of building, consisting of open office area and multiple work desks.	10 second comfort parameter air sample. 5 minute fungi air sample.
Conference Room	East side of building, across the east hall from the Exercise Room.	10 second comfort parameter air sample. 5 minute fungi air sample.
Juvenile Interrogation Room	West side of building, immediately south of Main Desk Area.	10 second comfort parameter air sample. 5 minute fungi air sample.
Administrative Lieutenant's Office	North side of building, across hall of Lieutenant's Office.	10 second comfort parameter air sample.
Library	West side of building, consisting of open space.	10 second comfort parameter air sample.
Detective Sergeant's Office	West of Detective's Office.	10 second comfort parameter air sample.
Storage Room	North side of building, across hall from Lieutenant's Office.	10 second comfort parameter air sample.
Detective's Office	Centrally located within the building, consisting of an open office area and multiple work desks.	10 second minute comfort parameter air sample. 80 minute asbestos air sample. 5 minute fungi air sample.
Basement Room -North	Lowest level basement room, on the north side of the basement	80 minute asbestos air sample. 24 hour Volatile Organic Compound ("VOC") air sample. 48 hour radon sample. *Water sample from sump for fecal coliform, pH, oil and grease.
Basement Room-West	Basement room at higher elevation, south of Basement Room North, entrance door on west side of hallway.	48 hour radon sample.
Outside Air	Immediately outside of main public entrance door.	10 minute fungi air sample.
Drinking Fountain	Fountain within east hallway, near entrance to men's locker room.	Two samples for Target Analyte List ("TAL") metals.
Women's Locker Room	Locker room near southeast corner of building.	**Tape sample of fungi from upper ceiling area.
Men's Locker Room	Locker room on east side of building.	**Tape sample of fungi from upper ceiling area.

* - Sample request was made on February 12, 2010; sample was collected on February 18, 2010.

** - Sample request was made on February 22, 2010; Samples were collected on February 23, 2010.

The following sections summarize the Assessment scope of work. The scope-of-work was implemented in general accordance with Leader's February 1, 2010, proposal/contract. Included within this report are the Limitations (Attachment A), Analytical Laboratory Results (Attachments B through G), and Photograph Log (Attachment H).

2.1 IAQ Survey for Comfort Parameters

The TSI Q-Traks Model 8554 air quality monitor/data logger ("Q-Trak") was used to measure the temperature, relative humidity, carbon monoxide ("CO"), and carbon dioxide ("CO_2") in each area of the building. The listed analytes serve as indicators in evaluating general air quality and adequacy of the ventilation system. The Q-Trak is a real time monitor that collects the data in one (1) minute intervals. The duration of the sampling was varied within each area. Two (2) were sampled for a 24-hour period of time. The recorded data was downloaded, generated into graphs and reviewed by Leader.

The OSHA permissible exposures levels ("PELs") for an 8-hour workday for Carbon Dioxide CO_2 and CO are 5,000 ppm and 50 ppm, respectively. The American Society of Heating, Refrigeration, and Air Conditioning Engineers ("ASHRAE") Standard, "Ventilation for Acceptable Indoor Air Quality," sets the CO_2 level of 1,000 ppm as the maximum recommended guideline for acceptable IAQ. ASHRAE also recommends that the optimal operative temperature recommended for thermal acceptability of sedentary persons is 68°F to 75°F in the winter months with a relative humidity of 50%[1]. The ASHRAE Standard considers that the acceptable range of relative humidity in an indoor environment is between 20% and 60%. The ASHRAE standards are guidelines intended to satisfy 80% of the building occupants.

2.2 IAQ Survey for Fungi

A visual review for fungi on readily accessible surfaces of building materials within specific rooms of the Precinct building was conducted. Fungi was considered when any profuse or woolly fungus growth on damp or decaying matter was observed or on surfaces of organic materials.

Fungi/Mold air samples were collected using Air-O-Cell cassettes. Countable fungi samples in the air are collected on devices referred to as "spore trap" samplers. Spore trap samplers are capable of capturing virtually all spores and particulate matter. The samples were collected on a type of spore trap called Zefon Air-O-Cell cassettes using a SKC Quick Take-15 sample pump. This air-sampling pump operates at the flow rate of 15 liters per minute for a specified length of time. The collection surface inside the attached cassette contains a coated glass slide. Particles in the air (i.e., spores, dust, etc.) impact onto the sticky surface and are "trapped" for later laboratory analysis.

[1] ASHRAE Standard 55-1992, "Thermal Environmental Conditions for Human Occupancy".

2.3 IAQ Asbestos Air Sampling

Asbestos is well recognized as a health hazard and is highly regulated. Installed thermal system insulation and sprayed-on and troweled-on surfacing materials found in buildings constructed no later than 1980 are presumed to be asbestos-containing materials (i.e., greater than 1% asbestos). Leader contracted Envoy Environmental Consultants Inc. ("Envoy") to complete the asbestos air sampling task of the IAQ assessment. Mr. Keller of Leader met an Envoy representative at the Site on Wednesday, February 10, 2010. Mr. Keller communicated to Envoy the following spaces, previously identified during the walkthrough, that required airborne asbestos sampling:

- Main Desk Area;
- Lieutenant's Office;
- Break Room;
- Detective's Office; and
- Basement Room – North

The air samples were collected to assess the potential presence of airborne asbestos within select areas of the building. The samples were subject to Phase Contrast Microscopy ("PCM") analysis, in accordance with Industrial Code Rule 56, Subparagraph 56-17.4(d), NIOSH 7400 method.

2.4 IAQ Radon Air Sampling

Radon gas predominantly accumulates in structures with basements. Radon sampling was completed using Activated Charcoal Adsorption Devices. Two (2) canisters were placed in the following areas of the building that typically would contain radon gas, if present: 1) Basement Room – West; and 2) Basement Room – North. One (1) additional canister was placed in the Main Desk Area. The canisters were left exposed to area atmospheres for a minimum of 48 hours.

2.5 IAQ Volatile Organic Air Sampling

Four (4) separate areas of the building were sampled for VOCs within the air: 1) the Main Desk Area; 2) Lieutenant's office; 3) Break Room; and 4) the Basement Room - North. USEPA TO-15 Method was used to analyze for 61 individual volatile organic compounds. The samples were collected over a 24-hour period using an evacuated mini-canister with a pre-set regulator.

2.6 Potable Water Sampling

Potable drinking water was collected from the drinking fountain in the east corridor of the building. The fountain was taken out of service by the Buffalo DPW representative for at least 48 hours prior to sample collection to assess a "worst case" condition of water quality within the building plumbing. Two (2) grab samples were collected from the water fountain. The first sample was collected from the water fountain immediately upon drawing water after the period of dormancy. The second sample was collected after the water fountain was allowed to evacuate for at least two (2)

minutes. Both samples were analyzed for drinking water Target Analyte List ("TAL") metals analysis.

2.7 Basement Room – North Sump Water Sampling

A grab sample of the water from the sump in the Basement Room - North was collected on February 18, 2010. It had been reported that a new pump had been installed the day previous to sample collection. It is important to note that one of the polyvinyl chloride inlet lines to the sump was disconnected and leaking water into the sump. The source of the water was unknown. The sample was analyzed for fecal coliform, pH, and oil and grease.

2.8 Upper Ceiling Fungi Sampling

Leader conducted sampling at three (3) locations within the upper ceiling of the building for fungi (i.e., mold) analyses. On February 23, 2010, Leader sampled locations of suspect mold from the upper ceiling of the Break Room, Men's Locker Room, and Women's Locker Room. The "upper ceiling" is defined as the underside of the roof system which is only accessible by removing the lower ceiling tile. There is an approximate two (2) foot interstitial space between the lower tile ceiling and the upper ceiling. The samples were collected from areas that had been previously visually identified as containing suspect fungi.

3.0 RESULTS OF THE IAQ AND POTABLE WATER ASSESSMENT

Data from the IAQ and Potable Water Assessment analytical testing program is summarized within the body of this report and included as Attachment B (Visual Observations and Survey Test Data), Attachment C (Asbestos Analyses Report), Attachment D (Radon Analyses Report), Attachment E (Volatile Organic Compound Analyses Report) and Attachment F (Potable Water and Sump Water Data).

3.1 Comfort Parameters

The ASHRAE comfort standards are guidelines intended to satisfy the majority of the building occupants. Personal preferences of individuals account for varying levels of comfort. Table 1 of Attachment B details each individual location monitored and the two graphs and test run summaries chart the long-term sampling for general comfort parameters. Table 2 below summarizes the data included in the graphs of Attachment B and provides a comparison of the data to OSHA PELs and ASHRAE guidelines.

Table 2
Main Desk Area and Lieutenant's Office
General Air Quality

Area	Analyte	Analytical Results			OSHA PEL	ASHRAE Guidelines
		Min	Max	Avg		
Main Desk Area	Temperature Relative Humidity Carbon Dioxide Carbon Monoxide	73.2°F 19.0% 552 ppm 0.0 ppm	74.7°F 29.5% 1169 ppm 0.3 ppm	73.9°F 21.6% 669 ppm 0.0 ppm	5,000 ppm 50 ppm	68°F to 75°F 20% to 60% 1,000 ppm
Lieutenant's Office	Temperature Relative Humidity Carbon Dioxide Carbon Monoxide	72.5°F 19.4% 509 ppm 0.0 ppm	73.9°F 25.4% 913 ppm 0.0 ppm	73.2°F 21.9% 635 ppm 0.0 ppm	5,000 ppm 50 ppm	68°F to 75°F 20% to 60% 1,000 ppm

Temperature

The building's temperatures during the sampling event were within the ASHRAE's guidelines.

Relative Humidity

The relative humidity levels averaged around 20% in the building. This level is near the low end of the ASHRAE recommended level. Low humidity is typical in buildings during the winter months and can lead to symptoms such as eye, nose, and throat irritation.

Carbon Dioxide ("CO_2")

The average CO_2 levels found in each area were below the OSHA regulatory levels and ASHRAE guidelines. The results show that carbon dioxide levels slightly increased in the middle of the day. The average CO_2 levels did not exceed ASHRAE guidelines indicating that the airflow in the building appears to be adequate.

Carbon Monoxide ("CO")

The CO levels measured, 0.0 ppm (average), were non-detectable. The OSHA Permissible Exposure Limit for CO is 50 ppm. Typical average indoor concentrations of CO vary between 0.5 and 5.0 ppm[2]. Based on the sampling results, there does not appear to be a problem with CO infiltrating or being generated in the building.

[2] Indoor Air Quality - Sheet Metal and Air Conditioning Contractors' National Association, Inc., November 1989.

3.2 Fungi

A visual review for fungi (i.e., mold) on readily accessible surfaces of building materials throughout the Precinct D building was conducted during the Site walkthrough. A complete listing of observations from each individual area reviewed is provided in Attachment B. There were no areas that had visible evidence of current water intrusion or fungi overgrowth on the main floor. The Administrative Lieutenant's office and Exercise Room had a couple of ceiling tiles with water stains from a past leak. There was standing water in the basement near the sump pit.

Nine (9) air samples, including one (1) outdoor (control) sample, were collected using Air-O-Cell cassettes to trap fungi spores. The samples were sent to Galson Laboratories for microscopic analysis of the spores. Table 3 provides the sample locations and fungi spore count results.

Table 3
Sampling Locations and Results

Sample Location	***Type of Sample***	***Microscopic Identification***	***Level of Concentration***
JV Room	Air	*Aspergillus/Penicillium sp.* Basidiospores *Cladosporium sp* **Total Spore Count**	200 spores/m^3 227 spores/m^3 200 spores/m^3 **720 spores/m^3**
Main Desk Area	Air	*Aspergillus/Penicillium sp.* Basidiospores *Cladosporium sp* **Total Spore Count**	333 spores/m^3 587 spores/m^3 413 spores/m^3 **1,510 spores/m^3**
Lieutenant's Office	Air	*Aspergillus/Penicillium sp.* Basidiospores *Cladosporium sp.* **Total Spore Count**	547spores/m^3 667 spores/m^3 213 spores/m^3 **1,560 spores/m^3**
Break Room	Air	*Aspergillus/Penicillium sp.* Basidiospores *Cladosporium sp.* **Total Spore Count**	80 spores/m^3 93 spores/m^3 27 spores/m^3 **200 spores/m^3**
Exercise Room	Air	*Aspergillus/Penicillium sp.* Basidiospores *Cladosporium sp* **Total Spore Count**	53 spores/m^3 93 spores/m^3 13 spores/m^3 **187 spores/m^3**
Conference Room	Air	*Aspergillus/Penicillium sp.* Basidiospores *Cladosporium sp* **Total Spore Count**	267 spores/m^3 293 spores/m^3 53 spores/m^3 **667 spores/m^3**

Sample Location	***Type of Sample***	***Microscopic Identification***	***Level of Concentration***
Detective's Office	Air	*Aspergillus/Penicillium sp.* Basidiospores *Cladosporium sp* **Total Spore Count**	93 spores/m^3 227 spores/m^3 27 spores/m^3 **387 spores/m^3**
Captain's Office	Air	*Aspergillus/Penicillium sp.* Basidiospores *Cladosporium sp* **Total Spore Count**	267 spores/m^3 613 spores/m^3 307 spores/m^3 **1,330 spores/m^3**
Outside Building, Hertel Avenue	Air	*Aspergillus/Penicillium sp.* Basidiospores *Cladosporium sp* **Total Spore Count**	180 spores/m^3 20 spores/m^3 47 spores/m^3 **273 spores/m^3**

The different types of fungi species detected were:

- *Aspergillus* – allergen/contaminant/opportunistic pathogen. This fungus is commonly found in the environment around the world. Spores cannot be distinguished from *Penicillium* on non-cultured samples (i.e., tape lifts and spore trap samples).
- Basidiospores – an ever-present type I and III allergen, saprobe, and plant pathogen, mainly found in gardens, forests, and woodlands.
- *Cladosporium* – common allergen/contaminant/very rarely pathogenic. This fungus is often encountered in dirty refrigerators, especially in reservoirs where condensation is collected. On moist window frames, it can easily be seen covering the whole painted area with a velvety olive-green layer. The ability to sporulate heavily, ease of dispersal, and buoyant spores makes this fungus the most important fungal airway allergen; it commonly causes asthma and hay fever in the Western hemisphere.
- *Penicillium* – contaminant/opportunistic pathogen. This is one of the most common fungi found worldwide in soil and decaying vegetation and indoors in dust, food, and various building materials. Spores cannot be distinguished from *Aspergillus* on non-cultured samples (i.e., tape lifts and spore trap samples).

Some common types of indoor fungi include Cladosporium, Penicillium, Alternaria, Aspergillus and Mucor.

During the February 9, 2010 air-sampling event at Precinct D, levels of *Aspergillus/Penicillium, Cladosporium*, spores and Basidiospores were found as the predominant fungi spores detected in the majority of indoor samples. The proposed guidelines[3] for fungal spore concentration indicate that normal background

[3] Clark, Geoffrey A., The Synergist, Technical Exchange, *Assessment and Sampling Approaches for Indoor Microbiological Assessments*, 2001.

concentrations of fungal colonies in commercial buildings is typically less than 2,500 spores/m^3. Fungi spore levels found in the air samples were well below the recommended guidelines. Leader did not observe fungi overgrowth on the readily accessible building materials in the main office spaces.

The indoor fungi results were also compared to the outdoor air samples. Some of the indoor air sample concentrations were higher than the outdoor air sample concentrations. This condition is likely the result of snow on the ground surface, reducing the natural level of spores in the air. The types of fungi found in the outdoor air and the indoor air samples were similar.

A concern was noted that there was reportedly "a lot of dust/debris/suspected fungi overgrowth" located in the interstitial space above the ceiling tiles. Leader did not visually review above the ceiling tiles; however, it does not appear that this dust/debris/fungi overgrowth is adversely impacting the air quality in the main floor offices.

3.3 Airborne Asbestos

Attachment C provides the airborne asbestos sampling results. The results are expressed in a concentration as Fiber/cubic centimeter ("cc"). The fibers counted are all fibers (i.e., dusts, particulates, etc.) detected, not just asbestos fibers. If the value is above the detection limit of 0.01 Fibers/cc, individual analysis of the fibers would be warranted to assess whether they were asbestos fibers. For each of the five (5) areas sampled, individual analysis of fibers was not warranted, as the concentration of fibers was below the threshold value.

3.4 Radon

Attachment D provides the IAQ Radon concentrations within the sampled areas of the building. In summation, they are as follows:

- Basement Room - West 2.9 pico curies per Liter (pCi/L)
- Basement Room – North 2.8 pCi/L
- Main Desk Area 1.1 pCi/L

The USEPA recommended action level is 4.0 pCi/L. The concentrations of Radon detected from the three (3) sampled areas are below the recommended action levels.

3.5 Volatile Organic Compounds

Leader obtained four (4) indoor air samples for VOC analyses. USEPA TO-15 Method was used to analyze 61 individual compounds. The samples were taken over a 24-hour period using an evacuated mini-canister with a pre-set regulator. Table 4 provides the sampling locations and detectable results of the IAQ Assessment.

Table 4

VOC Air Sampling Results

Sample Location	*Acetone (ppb)*	*Isopropyl Alcohol (ppb)*	*Methylene Chloride (ppb)*
1-VOC Main Desk Area	15	5.9	6.6
2-VOC Lieutenant's Office	19	6.1	6.0
3-VOC Break Room	14	<5.0	6.6
4-VOC North Basement	5.3	<5.0	6.3
OSHA PEL	1,000,000 ppb or 1,000 ppm	400,000 ppb or 400 ppm	25,000 ppb or 25 ppm

Concentrations of the following VOCs were detected: acetone, isopropyl alcohol, and methylene chloride. The airborne levels of these chemicals were well below OSHA PELs. A summary[4] of each VOC is outlined below:

- Isopropanol – the largest use of isopropanol is as a solvent. The second largest use is as a chemical intermediate. Isopropanol is also found in many everyday products such as paints, inks, general-purpose cleaners, disinfectants, room sprays and windshield deicing agents.
- Acetone – acetone is a clear, colorless, low boiling, flammable and volatile liquid characterized by rapid evaporation and a faintly aromatic, sweetish odor. It readily mixes with most organic solvents and mixes completely with water. Applications range from surface coatings, films and adhesives to cleaning fluids and pharmaceutical applications. Other consumer and commercial applications include: Lacquers for automotive/furniture finishes; coatings and inks; resin thinners and clean-up operations; degreasing and degumming agents; paint, varnish, lacquer strippers; nail polish removers; and various cosmetic products.
- Methylene chloride – Methylene chloride is a clear, colorless, volatile liquid with a mild "ether-like" odor that is completely miscible with a variety of solvents. Methylene chloride is used in the following processes and products: pharmaceutical products; metal cleaning and degreasing agents; paint removers

[4] Dow Chemical Product Safety Page - http://www.dow.com/productsafety and the Agency for Toxic Substance and Disease Registry ToxFAQs for Toluene – www.cdc.gov/atsdr

and paint; solvents for extraction, decaffeination of coffee; cleaners for circuit board components; and aerosol product formulations.

3.6 Potable water

Two (2) samples of potable water were collected from the drinking fountain in the east corridor of the building. One sample was collected after a 48 hour period of drinking fountain dormancy (i.e., sample DW-1), and a second sample was collected after letting water flow from the fountain for two (2) minutes (i.e., sample DW-2). The samples were analyzed for drinking water Target Analyze List ("TAL") metals. All analytes, with the exception of those identified in Table 5, were below laboratory detection limits. The analytes detected were identical in both samples, with slight variation in concentration. All detected analytes were below the Maximum Contaminant Level ("MCL") identified in the New York State Department of Health ("NYSDOH") regulations, Part 5, Subpart 5-1, Public Water Systems, Table 1, Inorganic Chemicals and Physical Characteristics Maximum Contaminant Level Determination. Attachment F provides the laboratory data report for the potable water samples.

Table 5

Potable Water TAL Metals Results

Sample ID	*Analyte*	*Concentration (mg/L)*	*NYSDOH MCL (mg/L)*
DW -1 DW-2	Barium	0.0238 0.0235	2.00
DW -1 DW-2	Calcium	37.4 36.8	NA
DW -1 DW-2	Copper	0.407 0.076	NA
DW -1 DW-2	Mangnesium	9.27 9.19	NA
DW -1 DW-2	Potassium	1.55 1.53	NA
DW -1 DW-2	Sodium	11.4 11.0	*No Designated Limit
DW -1 DW-2	Zinc	0.0950 0.0950	5.0

NA – value not available. Analyte not regulated by NYSDOH.

* - Water containing more than 20 milligrams per liter ("mg/L") of sodium should not be used for drinking by people on severely restricted sodium diets. Water

containing more than 270 mg/L of sodium should not be used for drinking by people on moderately restricted sodium diets.

3.7 Basement Room North Sump

A grab sample of the water from the sump in the Basement Room – North was collected and analyzed for fecal coliform, pH, and oil and grease. The pH value detected of 7.3 SU is within the acceptable range for class GA groundwater standards (i.e., 6.5 or greater to 8.5 or less) as identified in the NYSDEC Part 703: Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations §703.3 Water quality standards for pH, dissolved oxygen, dissolved solids, odor, color and turbidity. The concentrations of fecal coliform and oil and grease were below the laboratory detection limits. Attachment F provides the laboratory data report for the sump water samples.

3.8 Upper Ceiling Fungi

Table 6 provides the sample locations and fungi identification results of the surface sampling of the upper ceiling.

Table 6

Sample Locations and Fungi Identification Results

Sample Location	*Type of Sample*	*Microscopic Identification*	*Concentration*
Sample 1 – Women's Locker Room	Tape	*Alternaria* *Aspergillus/Penicillium*-like *Stachybotrys* Mycelial Fragments	Light Heavy Heavy Heavy
Sample 2 – Break Room	Tape	*Alternaria* *Aspergillus/Penicillium* - like Mycelial Fragments	Heavy Light Heavy
Sample 3 – Men's Locker Room	Tape	*Alternaria* *Cladosporium* Mycelial Fragments	Light Light Light

The level of contamination from the tape sample is a subjective measurement and corresponds to the general quantity of spores present in the sample. Based on the above results, fungi were identified on each sample. The different types of fungi species identified are:

- *Aspergillus* – (see section 3.2 for description)
- *Cladosporium* – (see section 3.2 for description).
- *Penicillium* – (see section 3.2 for description).
- Mycelial Fragments – microscopic sections of the fibrous, growing part of fungi; an indicator of previous or continuing fungi growth.

- *Stachybotrys* – thrives on water-damaged cellulose-rich materials such as sheet rock, paper, ceiling tiles, cellulose containing insulation backing and wallpaper. The presence of this fungus in buildings is significant because of the fungi's ability to produce mycotoxins, which are toxic, such as Satratoxin H. Exposure to these toxins can occur through inhalation, ingestion or dermal exposure. Symptoms include dermatitis, cough, rhinitis, nose bleeds, a burning sensation in the mouth and nasal passage, cold and flu symptoms, headache, general malaise, and fever.

The Stachybotrys was detected at a "heavy" concentration in the women's locker room upper ceiling and is the surface area of greatest concern. Attachment G provides the laboratory data report for the upper ceiling fungi tape samples.

4.0 Conclusions AND Recommendations

4.1 Conclusions

The following conclusions have been developed based on the Assessment:

1) The conditions in the Buffalo Police Department Precinct D building were found to be within ASHRAE comfort guidelines for temperature, carbon monoxide, relative humidity, and carbon dioxide levels. The relative humidity levels during the work day were near 20%, the lower end of the comfort scale. Low relative humidity is typical in buildings during the winter months and can lead to symptoms such as skin, eyes, and mucous membrane irritation.
2) There was no visible evidence of fungi overgrowth on the readily accessible main floor building materials. The air sampling results for fungi indicate that the air quality is not being adversely impacted by fungi.
3) Airborne asbestos was not detected at the Site.
4) Radon concentrations were below the applicable USEPA action level.
5) The airborne VOC concentrations detected were below applicable PELs. The type of VOCs detected are typically found in products used in office environments. It should be noted that the levels of VOCs detected were very low and near the analytical method detection limits.
6) Samples of potable water from the drinking fountain in the east corridor had concentrations of analytes below the applicable NYSDOH MCLs.
7) The water sample from the Basement Room – North sump had a pH concentration within acceptable ranges of NYSDEC Part 703 water quality standards. Fecal coliform was not detected in the sample, indicating that localized groundwater is not likely being influenced by nearby sewerage systems. Oil and grease were not detected within the sample.
8) The fungi tape samples collected from the upper ceilings of the Women's Locker Room, Break Room and Men's Locker Room indicate the presence of

four (4) types of fungi, including Stachybotrys ("black mold") and Mycelial fragments. The Stachybotrys was detected at a "heavy" concentration in the women's locker room upper ceiling and is the surface area of greatest concern.

4.2 Recommendations

The following recommendations have been developed based on the above conclusions:

1) Performing routine HVAC maintenance is a proactive method to maintain acceptable air quality. Intake filters should be maintained and changed regularly and cleaning the interior ductwork may minimize dust deposition.
2) The periodic standing water noted in the basement of the building should be addressed. Standing water can promote fungi overgrowth on the cement block walls.
3) Fungi-affected building material surfaces should be cleaned to remove existing fungi growths, or, if not possible or cost-effective, properly removed.
4) The areas above the first floor ceiling should be monitored for roof leakage to alleviate potential moisture sources that may have promoted fungi growth.

It was a pleasure working for the City of Buffalo Department of Public Works on this project. If you need any additional information, please contact the undersigned at (716) 565-0963.

Very truly yours,

Leader Professional Services, Inc.

Keith Keller
Project Manager

MaryEllen Holvey, CIH
Certified Industrial Hygienist

Jeffrey A. Wittlinger, P.E., BCEE
Principal

ATTACHMENT A
LIMITATIONS

ESA LIMITATIONS

The services described in this report were performed consistent with generally accepted professional consulting principles and practices. No other warranty, expressed or implied, is made. These services were performed consistent with our agreement with our client. This report is solely for the use and information of our client unless otherwise noted. Any reliance on this report by a third party is at such party's sole risk.

Opinions and recommendations contained in this report apply to conditions existing when services were performed and are intended only for the client, purposes, locations, time frames, and project parameters indicated. We are not responsible for the impacts of any changes in environmental standards, practices, or regulations subsequent to performance of services. We do not warrant the accuracy of information supplied by others, nor the use of segregated portions of this report.

The purpose of an environmental assessment is to reasonably evaluate the potential for or actual impact of past practices on a given site area. In performing an environmental assessment, it is understood that a balance must be struck between a reasonable inquiry into the environmental issues and an exhaustive analysis of each conceivable issue of potential concern. The following paragraphs discuss the assumptions and parameters under which such an opinion is rendered.

No investigation is thorough enough to exclude the presence of hazardous materials at a given site. If hazardous conditions have not been identified during the assessment, such a finding should not therefore be construed as a guarantee of the absence of such materials on the site, but rather as the result of the services performed within the scope, limitations, and cost of the work performed.

Environmental conditions may exist at the site that cannot be identified by visual observation. Where subsurface work was performed, our professional opinions are based in part on interpretation of data from discrete sampling locations that may not represent actual conditions at unsampled locations.

Except where there is express concern of our client, or where specific environmental contaminants have been previously reported by others, naturally occurring toxic substances, potential environmental contaminants inside buildings, or contaminant concentrations that are not of current environmental concern may not be reflected in this document.

ATTACHMENT B
Visual Observations and Survey Test Data

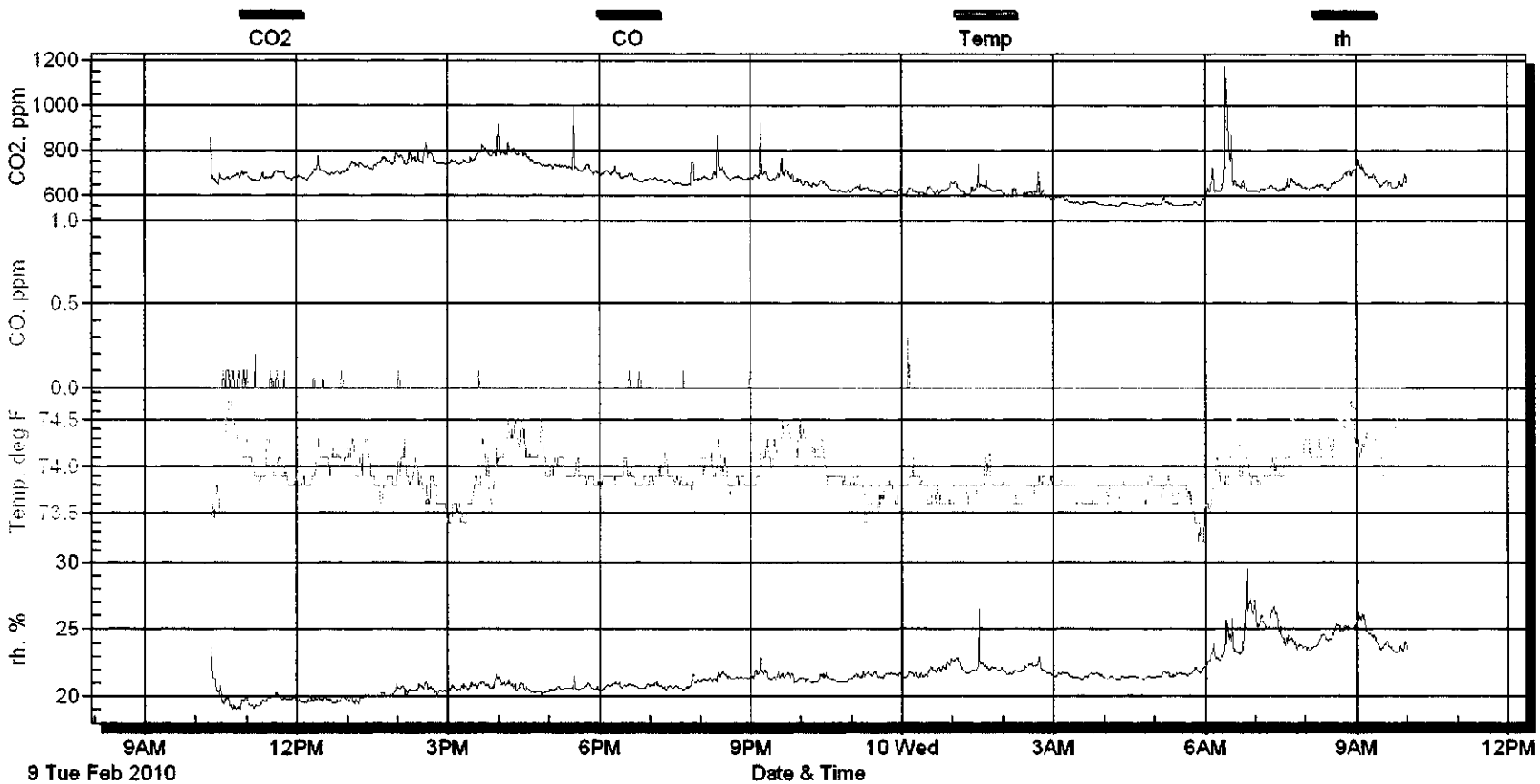
February 9, 2010 Visual Observations and Survey Test Data

Location	*Observations*	*Temperature (°F)*	*Relative Humidity (%)*	*Carbon Monoxide (ppm)*	*Carbon Dioxide (ppm)*
Buffalo Police Department – Precinct D Main Floor					
JV Room	No visible surface fungi/water damage	72.5	29.0	0.0	837
Main Desk Area	No visible surface fungi/water damage	73.2	20.6	0.0	658
Administrative Lieutenant's Office	No visible surface fungi overgrowth – some visible water stains on the ceiling tiles	72.9	20.6	0.0	661
Library Room	No visible surface fungi/water damage	72.9	21.1	0.0	675
Lieutenant's Office	No visible surface fungi/water damage	72.7	20.4	0.0	654
Storage Room	No visible surface fungi/water damage	71.6	20.3	0.0	664
Break Room	No visible surface fungi/water damage	71.2	20.8	0.0	601
Exercise Room	No visible surface fungi overgrowth – some visible water stains on the ceiling tiles	69.1	21.8	0.0	565
Conference Room	No visible surface fungi/water damage	72.0	22.0	0.0	586
Detective's Office	No visible surface fungi/water damage	74.3	20.3	0.0	675
Captain's Office	No visible surface fungi/water damage	72.7	17.2	0.0	603
Detective Sergeant's Office	No visible surface fungi/water damage	74.3	20.1	0.0	716
	Applicable Standards and Guidelines **ASHRAE Guildelines** **OSHA PEL**	**68°F to 75°F**	**20% - 60%**	 **50ppm**	 **1,000ppm** **5,000 ppm**

GRAPH 1

Main Desk Area

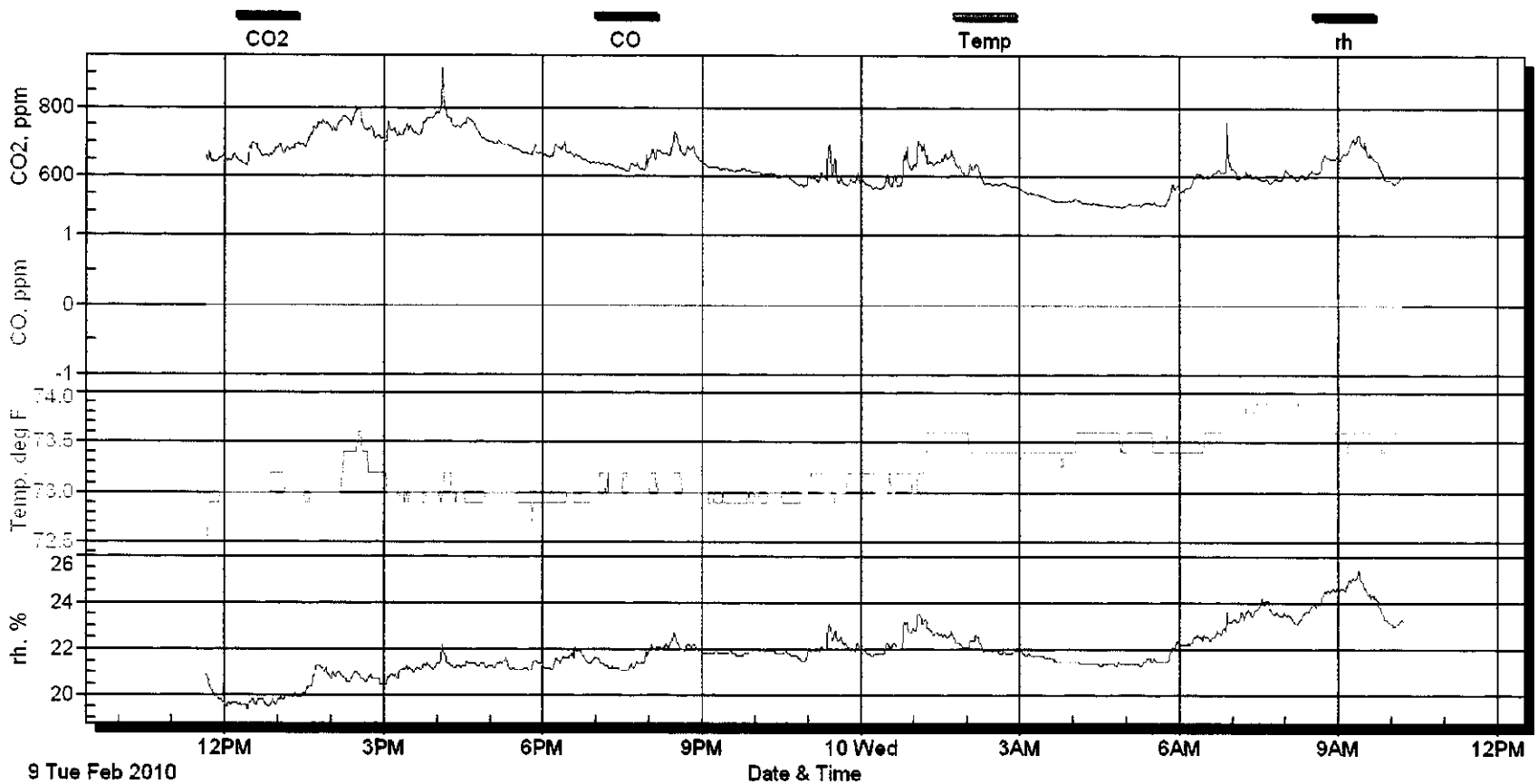
Comfort Parameters



GRAPH 2

Lieutenant's Office

Comfort Parameters



Test 001

Buffalo PD - Lieutenant's Office

Instrument		Data Properties	
Model	Q-Trak Plus	Start Date	02/09/2010
Meter S/N	8554-02051004	Start Time	11:37:44
		Stop Date	02/10/2010
		Stop Time	10:14:44
		Total Time	0:22:37:00
		Logging Interval	60 seconds

Statistics				
	CO2	CO	Temp	rh
Ave	635 ppm	0.0 ppm	73.2 deg F	21.9 %
Max	913 ppm	0.0 ppm	73.9 deg F	25.4 %
Max Date	02/09/2010	02/09/2010	02/10/2010	02/10/2010
Max Time	16:05:44	11:37:44	07:16:44	09:22:44
Min	509 ppm	0.0 ppm	72.5 deg F	19.4 %
Min Date	02/10/2010	02/09/2010	02/09/2010	02/09/2010
Min Time	04:54:44	11:37:44	11:38:44	12:24:44
TWA (8 hr)	1796	0.0		
TWA Start Date	02/09/2010	02/09/2010		
TWA Start Time	11:37:44	11:37:44		
TWA End Time	10:14:44	10:14:44		

Test 001

Buffalo PD - Main Desk Area

Instrument		Data Properties	
Model	Q-Trak Plus	Start Date	02/09/2010
Meter S/N	8554-10051013	Start Time	10:17:13
		Stop Date	02/10/2010
		Stop Time	09:59:13
		Total Time	0:23:42:00
		Logging Interval	60 seconds

Statistics				
	CO2	CO	Temp	rh
Ave	669 ppm	0.0 ppm	73.9 deg F	21.6 %
Max	1169 ppm	0.3 ppm	74.7 deg F	29.5 %
Max Date	02/10/2010	02/10/2010	02/09/2010	02/10/2010
Max Time	06:24:13	00:08:13	10:38:13	06:49:13
Min	552 ppm	0.0 ppm	73.2 deg F	19.0 %
Min Date	02/10/2010	02/09/2010	02/09/2010	02/09/2010
Min Time	04:17:13	10:18:13	10:18:13	10:43:13
TWA (8 hr)	1981	0.0		
TWA Start Date	02/09/2010	02/09/2010		
TWA Start Time	10:17:13	10:17:13		
TWA End Time	09:59:13	09:59:13		

ATTACHMENT C
ASBESTOS ANALYSIS REPORT

Leader Environmental, Inc.

Environmental Air Sampling

at

Basement and Main Floor
Precinct D, Buffalo Police Department
669 Hertel Avenue
Buffalo, New York

February 9, 2010

REPORT PREPARED BY
Paradigm Environmental Services, Inc.
179 Lake Avenue, Rochester, New York 14608

EXECUTIVE SUMMARY

Paradigm Environmental Inc. was retained by **Leader Environmental, Inc.** for work at **Precinct D, Buffalo Police Department, 669 Hertel Avenue, Buffalo, New York.** Sample analysis and reporting was performed by Paradigm Environmental Services, Inc. All field activities, including air monitoring, was performed by Envoy Environmental Consultants, Inc. as sub-contractors to Paradigm.

Environmental Ambient Air Monitoring

Paradigm contracted with Envoy Environmental Consultants to provide New York State Department of Labor certified air technicians to conduct **Environmental** air sampling to monitor the concentrations of airborne fibrous material in the Basement and Main Floor. Envoy Environmental Services, Inc. conducted the air sampling using commonly accepted sampling procedures acknowledged in New York State following guidelines of Title NYCRR, Part 56, as Amended January 11th 2006. The PCM satisfactory clearance air sample results shall be considered satisfactory when every clearance air sample demonstrates an airborne concentration of fibers of less than 0.01 fibers per cubic centimeter, or the established levels(s), whichever is greater.

LABORATORY ANALYSIS

The samples were individually preserved within a container and transported to the Paradigm analytical laboratory for fiber content analysis.

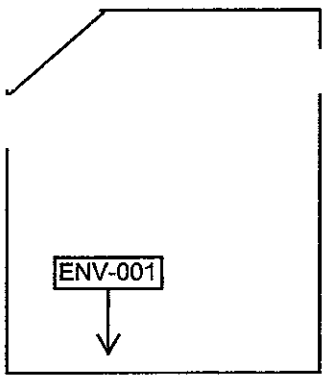
The Paradigm laboratory is accredited through NYSDOH/ELAP (Lab ID# 10958) for Solid and Hazardous Waste, and Air and Emissions. Samples are stored at the laboratory for 90 days then disposed of as asbestos containing material.

The analytical methodology used is as follows:
Airborne Fibrous Material Samples - All analyses will be performed utilizing Phase Contrast Microscopy (PCM) according to NIOSH Analytical Method 7400 as prescribed in Title 12 NYCRR, Part 56, Subparagraph 17.4 (d). Calculated intra laboratory variability is 0.263 f/mm^2. Calculated inter laboratory variability is 0.410 f/mm^2.

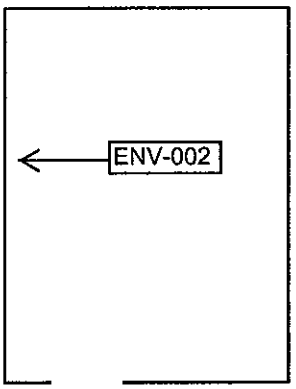
Laboratory QA/QC is conducted in accordance with requirements for Paradigm laboratory accreditations. These requirements include:

10% Duplicate Analysis
Standard Reference Samples
Proficiency Samples
Round-Robin Exchanges

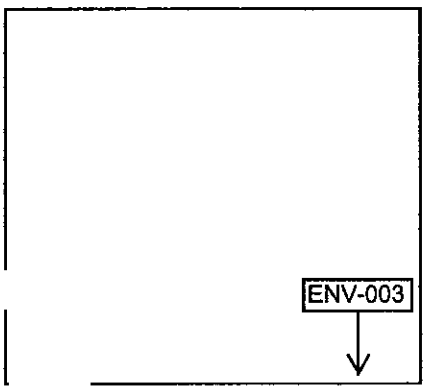
Client: Leader Environmental, Inc.
Location: Precinct D, Buffalo Police Department
Area: Main Floor/Basement
Phase: Environmentals



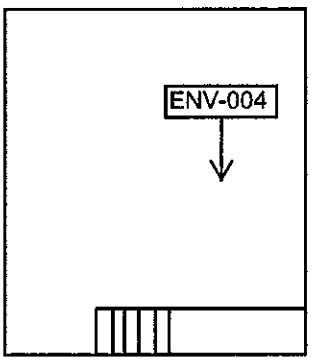
Main Desk



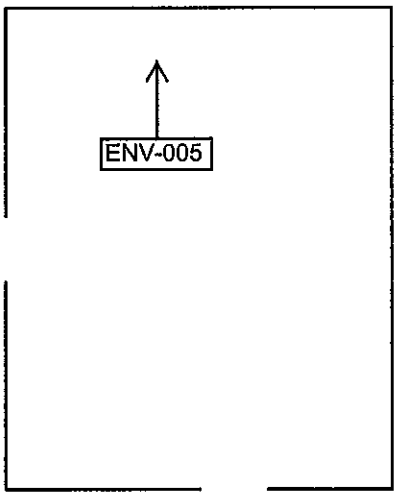
Break Room



Detective's Office



Basement North Room



Lieutenant's Office

PARADIGM
ENVIRONMENTAL SERVICES, INC.
1815 Love Road, Grand Island, New York 14072 Office: (716) 775-5777 Fax: (716) 775-5778

PCM AIR REPORT

Client: Leader Environmental, Inc.
Location: Precinct D, Buffalo Police Department, 669 Hertel Avenue, Buffalo, New York
Work Area: Main Desk

Project No.: 10/0205
Activity: Environmental
Abatement Contractor: N/A
Field Data and Sampling Provided By: Envoy Environmental Consultants, Inc.

Sample Date: 02/09/2010
Sampling Tech.: M. Nowakowski
Received Date: 2/10/2010
Page : 1 of 1

Field Sample ID:	E-1	B-1	B-2									
Rotometer No.:	71	N/A	N/A									
Starting Flow Rate: L/MIN	15.0	N/A	N/A									
Ending Flow Rate: L/MIN	15.0	N/A	N/A									
Avg. Flow Rate: L/MIN	15.0	N/A	N/A									
Start Time:	1:37 PM	N/A	N/A									
Finish Time:	2:57 PM	N/A	N/A									
Duration (MIN):	80	N/A	N/A									
Sample Volume (L):	1200	N/A	N/A									

Laboratory Analysis Performed By: Paradigm Environmental Services, Inc.

Lab Sample ID:	406	407	408									
Fibers / 100 Fields:	0	0	0									
Fibers / mm2:	<7.0	<7.0	<7.0									
Fibers / cc:	<0.01	N/A	N/A									

Legend: I=Inside O=Outside E=Environmental B=Blank

ELAP ID No.: 11955

Samples were analyzed according to the NIOSH 7400 method.

Comments:

Date of Analysis: 02/12/2010
Microscope: Olympus BX-2# 9A81001
Analyst: *E. Fischer*

Relative Standard Deviations		Fiber Ranges 5-20	20-50	50-100
	EF	20.52	27.31	12.93
Analyst	ML	23.69	26.56	13.82
	LAB	22.11	26.94	13.38

Laboratory Results Approved By: _____
Asbestos Technical Director Eric Fischer

These results relate only to the items tested or to the samples as received by the laboratory.

PARADIGM
ENVIRONMENTAL SERVICES, INC.
1815 Love Road, Grand Island, New York 14072 Office: (716) 775-5777 Fax: (716) 775-5778

PCM AIR REPORT

Client: Leader Environmental, Inc.
Location: Precinct D, Buffalo Police Department, 669 Hertel Avenue, Buffalo, New York
Work Area: Main Desk

Project No.: 10/0205
Activity: Environmental
Abatement Contractor: N/A
Field Data and Sampling Provided By: **Envoy Environmental Consultants, Inc.**

Sample Date: 02/09/2010
Sampling Tech.: M. Nowakowski
Received Date: 2/10/2010
Page : 1 of 1

Field Sample ID:	E-1	B-1	B-2									
Rotometer No.:	71	N/A	N/A									
Starting Flow Rate: L/MIN	15.0	N/A	N/A									
Ending Flow Rate: L/MIN	15.0	N/A	N/A									
Avg. Flow Rate: L/MIN	15.0	N/A	N/A									
Start Time:	1:37 PM	N/A	N/A									
Finish Time:	2:57 PM	N/A	N/A									
Duration (MIN):	80	N/A	N/A									
Sample Volume (L):	1200	N/A	N/A									

Laboratory Analysis Performed By: **Paradigm Environmental Services, Inc.**

Lab Sample ID:	406	407	408									
Fibers / 100 Fields:	0	0	0									
Fibers / mm2:	<7.0	<7.0	<7.0									
Fibers / cc:	<0.01	N/A	N/A									

Legend: I=Inside O=Outside E=Environmental B=Blank

ELAP ID No.: 11955

Samples were analyzed according to the NIOSH 7400 method.

Comments:

Date of Analysis: 02/12/2010
Microscope: Olympus BX-2# 9A81001
Analyst: *E. Fischer*

Relative Standard Deviations		Fiber Ranges 5 -20	20 - 50	50 - 100
Analyst	EF	20.52	27.31	12.93
	ML	23.69	26.56	13.82
	LAB	22.11	26.94	13.38

Laboratory Results Approved By: _____
Asbestos Technical Director Eric Fischer

These results relate only to the items tested or to the samples as received by the laboratory.

PARADIGM
ENVIRONMENTAL SERVICES, INC.
1815 Love Road, Grand Island, New York 14072 Office: (716) 775-5777 Fax: (716) 775-5778

PCM AIR REPORT

Client: Leader Environmental, Inc.
Location: Precinct D, Buffalo Police Department, 669 Hertel Avenue, Buffalo, New York
Work Area: Break Room

Project No.: 10/0205
Activity: Environmental
Abatement Contractor: N/A
Field Data and Sampling Provided By: **Envoy Environmental Consultants, Inc.**

Sample Date: 02/09/2010
Sampling Tech.: M. Nowakowski
Received Date: 2/10/2010
Page : 1 of 1

Field Sample ID:	E-2	B-1	B-2									
Rotometer No.:	71	N/A	N/A									
Starting Flow Rate: L/MIN	15.0	N/A	N/A									
Ending Flow Rate: L/MIN	15.0	N/A	N/A									
Avg. Flow Rate: L/MIN	15.0	N/A	N/A									
Start Time:	1:40 PM	N/A	N/A									
Finish Time:	3:00 PM	N/A	N/A									
Duration (MIN):	80	N/A	N/A									
Sample Volume (L):	1200	N/A	N/A									

Laboratory Analysis Performed By: **Paradigm Environmental Services, Inc.**

Lab Sample ID:	388	389	390									
Fibers / 100 Fields:	2.5	0	0									
Fibers / mm2:	<7.0	<7.0	<7.0									
Fibers / cc:	<0.01	N/A	N/A									

Legend: I=Inside O=Outside E=Environmental B=Blank

ELAP ID No.: 11955

Samples were analyzed according to the NIOSH 7400 method.

Comments:

Date of Analysis: 02/12/2010
Microscope: Olympus BX-2# 9A81001
Analyst: *E. Fischer*

Relative Standard Deviations		Fiber Ranges 5-20	20-50	50-100
Analyst	EF	20.52	27.31	12.93
	ML	23.69	26.56	13.82
	LAB	22.11	26.94	13.38

Laboratory Results Approved By: _____
Asbestos Technical Director Eric Fischer

These results relate only to the items tested or to the samples as received by the laboratory.

PARADIGM
ENVIRONMENTAL SERVICES, INC.
1815 Love Road, Grand Island, New York 14072 Office: (716) 775-5777 Fax: (716) 775-5778

PCM AIR REPORT

Client: Leader Environmental, Inc.
Location: Precinct D, Buffalo Police Department, 669 Hertel Avenue, Buffalo, New York
Work Area: Detective's Office

Project No.: 10/0205
Activity: Environmental
Abatement Contractor: N/A
Field Data and Sampling Provided By: **Envoy Environmental Consultants, Inc.**

Sample Date: 02/09/2010
Sampling Tech.: M. Nowakowski
Received Date: 2/10/2010
Page : 1 of 1

Field Sample ID:	E-3	B-1	B-2									
Rotometer No.:	71	N/A	N/A									
Starting Flow Rate: L/MIN	15.0	N/A	N/A									
Ending Flow Rate: L/MIN	15.0	N/A	N/A									
Avg. Flow Rate: L/MIN	15.0	N/A	N/A									
Start Time:	1:45 PM	N/A	N/A									
Finish Time:	3:05 PM	N/A	N/A									
Duration (MIN):	80	N/A	N/A									
Sample Volume (L):	1200	N/A	N/A									

Laboratory Analysis Performed By: **Paradigm Environmental Services, Inc.**

Lab Sample ID:	385	386	387									
Fibers / 100 Fields:	0	0	0									
Fibers / mm2:	<7.0	<7.0	<7.0									
Fibers / cc:	<0.01	N/A	N/A									

Legend: I=Inside O=Outside E=Environmental B=Blank

ELAP ID No.: 11955

Samples were analyzed according to the NIOSH 7400 method.

Comments:

Date of Analysis: 02/12/2010
Microscope: Olympus BX-2# 9A81001
Analyst: *E. Fischer*

Relative Standard Deviations		Fiber Ranges 5 -20	20 - 50	50 - 100
Analyst	EF	20.52	27.31	12.93
	ML	23.69	26.56	13.82
	LAB	22.11	26.94	13.38

Laboratory Results Approved By: _____
Asbestos Technical Director Eric Fischer

These results relate only to the items tested or to the samples as received by the laboratory.

PARADIGM
ENVIRONMENTAL SERVICES, INC.
1815 Love Road, Grand Island, New York 14072 Office: (716) 775-5777 Fax: (716) 775-5778

PCM AIR REPORT

Client: Leader Environmental, Inc.
Location: Precinct D, Buffalo Police Department, 669 Hertel Avenue, Buffalo, New York
Work Area: Basement North Room

Project No.: 10/0205
Activity: Environmental
Abatement Contractor: N/A
Field Data and Sampling Provided By: **Envoy Environmental Consultants, Inc.**

Sample Date: 02/09/2010
Sampling Tech.: M. Nowakowski
Received Date: 2/10/2010
Page: 1 of 1

Field Sample ID:	E-4	B-1	B-2									
Rotometer No.:	71	N/A	N/A									
Starting Flow Rate: L/MIN	15.0	N/A	N/A									
Ending Flow Rate: L/MIN	15.0	N/A	N/A									
Avg. Flow Rate: L/MIN	15.0	N/A	N/A									
Start Time:	1:50 PM	N/A	N/A									
Finish Time:	3:10 PM	N/A	N/A									
Duration (MIN):	80	N/A	N/A									
Sample Volume (L):	1200	N/A	N/A									

Laboratory Analysis Performed By: **Paradigm Environmental Services, Inc.**

Lab Sample ID:	409	410	411									
Fibers / 100 Fields:	0	0	0									
Fibers / mm2:	<7.0	<7.0	<7.0									
Fibers / cc:	<0.01	N/A	N/A									

Legend: I=Inside O=Outside E=Environmental B=Blank

ELAP ID No.: 11955

Samples were analyzed according to the NIOSH 7400 method.

Comments:

Date of Analysis: 02/12/2010
Microscope: Olympus BX-2# 9A81001
Analyst: *E. Fischer*

Relative Standard Deviations		Fiber Ranges 5-20	20-50	50-100
	EF	20.52	27.31	12.93
Analyst	ML	23.69	26.56	13.82
	LAB	22.11	26.94	13.38

Laboratory Results Approved By: _____
Asbestos Technical Director Eric Fischer

These results relate only to the items tested or to the samples as received by the laboratory.

PARADIGM
ENVIRONMENTAL SERVICES, INC.
1815 Love Road, Grand Island, New York 14072 Office: (716) 775-5777 Fax: (716) 775-5778

PCM AIR REPORT

Client: Leader Environmental, Inc.
Location: Precinct D, Buffalo Police Department, 669 Hertel Avenue, Buffalo, New York
Work Area: Lieutenant's Office

Project No.: 10/0205
Activity: Environmental
Abatement Contractor: N/A
Field Data and Sampling Provided By: **Envoy Environmental Consultants, Inc.**

Sample Date: 02/09/2010
Sampling Tech.: M. Nowakowski
Received Date: 2/10/2010
Page : 1 of 1

Field Sample ID:	E-4	B-1	B-2									
Rotometer No.:	71	N/A	N/A									
Starting Flow Rate: L/MIN	15.0	N/A	N/A									
Ending Flow Rate: L/MIN	15.0	N/A	N/A									
Avg. Flow Rate: L/MIN	15.0	N/A	N/A									
Start Time:	2:00 PM	N/A	N/A									
Finish Time:	3:20 PM	N/A	N/A									
Duration (MIN):	80	N/A	N/A									
Sample Volume (L):	1200	N/A	N/A									

Laboratory Analysis Performed By: **Paradigm Environmental Services, Inc.**

Lab Sample ID:	382	383	384									
Fibers / 100 Fields:	0.5	0	0									
Fibers / mm2:	<7.0	<7.0	<7.0									
Fibers / cc:	<0.01	N/A	N/A									

Legend: I=Inside O=Outside E=Environmental B=Blank

ELAP ID No.: 11955

Samples were analyzed according to the NIOSH 7400 method.

Comments:

Date of Analysis: 02/12/2010
Microscope: Olympus BX-2# 9A81001
Analyst: *E. Fischer*

Relative Standard Deviations		Fiber Ranges 5-20	20-50	50-100
Analyst	EF	20.52	27.31	12.93
	ML	23.69	26.56	13.82
	LAB	22.11	26.94	13.38

Laboratory Results Approved By: _____
Asbestos Technical Director Eric Fischer

These results relate only to the items tested or to the samples as received by the laboratory.

Air Monitoring Project Record

Air Monitoring Project Record:

- ✓ Copy of Envoy Environmental Consultants, Inc. Asbestos Contractors License.
- ✓ Copy of Envoy Environmental Consultants, Inc. Air Monitoring and Project Monitoring License.
- ✓ Copy of Paradigm Environmental Services, Inc. ELAP Certification for Environmental Analysis Air and Emissions Fibers NIOSH 7400 A Rules.
- ☐ Written Scope of Work (not provided by building owner or building owner representative)

Certifications

NEW YORK STATE DEPARTMENT OF LABOR
DIVISION OF SAFETY AND HEALTH
LICENSE AND CERTIFICATE UNIT
STATE CAMPUS BUILDING 12
ALBANY, NY 12240

ASBESTOS HANDLING LICENSE

Envoy Environmental Consultants, Inc.
57 Ambrose Street
Rochester, NY 14608

FILE NUMBER: 02[illegible]
LICENSE NUMBER: [illegible]
LICENSE CLASS: RESTRICTED
DATE OF ISSUE: 06/19/2009
EXPIRATION DATE: 06/30/2010

Duly Authorized Representative: Geoffrey L. Reed

This license has been issued in accordance with applicable provisions of Article 30 of the Labor Law of New York State and of the New York State Codes, Rules and Regulations (12 NYCRR Part 56). It is subject to suspension or revocation for a (1) serious violation of state, federal or local laws with regard to the conduct of an asbestos project, or (2) demonstrated lack of responsibility in the conduct of any work involving asbestos or asbestos material.

This license is valid only for the contractor named above and this license or a photocopy must be prominently displayed at the asbestos project worksite. This license verifies that all persons employed by the licensee on an asbestos project in New York State have been issued an Asbestos Certificate, appropriate for the type of work they perform, by the New York State Department of Labor.

Maureen A. Cox, Director
FOR THE COMMISSIONER OF LABOR

SH 432 (4-07)

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER
RICHARD F. DAINES, M.D.

Expires 12:01 AM April 01, 2010
Issued April 01, 2009
Revised September 16, 2009

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. BRUCE HOOGESTEGER
PARADIGM ENVIRONMENTAL SERVICES INC
179 LAKE AVENUE
ROCHESTER, NY 14608

NY Lab Id No: 10958
EPA Lab Code: NY01287

is hereby APPROVED as an Environmental Laboratory for the category
ENVIRONMENTAL ANALYSES AIR AND EMISSIONS
All approved subcategories and/or analytes are listed below:.

Miscellaneous Air

Asbestos	NIOSH 7402
	YAMATE,AGARWAL GIBB
Fibers	NIOSH 7400 A RULES

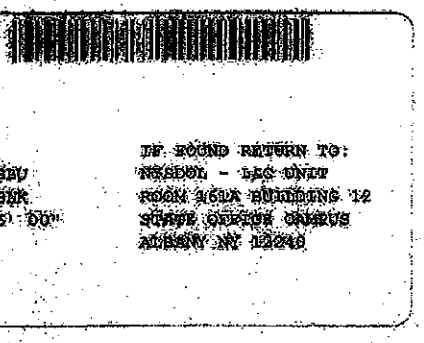
Serial No.: 40521

Property of the New York State Department of Health. Valid only at the address shown. Must be conspicuously posted. Valid certificates have a raised seal. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify laboratory's accreditation status.

STATE OF NEW YORK - DEPARTMENT OF LABOR
ASBESTOS CERTIFICATE

MICHAEL DASWAKOWSKI
CLASS(EXPIRES)
EXP 02/28/01 DOISP(11/10)
FORM 9-2710

[illegible]
SNY3 1286-797
MUST BE CARRIED ON ASBESTOS PROJECTS



ATTACHMENT D
RADON ANALYSIS REPORT

AccuStar Labs

Radon in Air

NEHA NRPP 101193 AL
NRSB ARL0017
New York Lab ID # 11769

EPA Method #402-R-92-004
Charcoal Canister
NEHA Device Code 1017, 1159

Laboratory Report For

Paradigm Environmental Services, Inc.
179 Lake Avenue
Rochester NY 14608

Property Tested

City Of Buffalo Police Precinct D
669 Hertel Avenue
Buffalo NY

Log Number	Device Number	Exposure Period				Area Tested	Result (pCi/L)
1135693	411468	2/9/2010	9:15 am	2/11/2010	10:03 am	First Floor	1.1
1135694	411459	2/9/2010	9:10 am	2/11/2010	10:08 am	Basement	2.9
1135695	413576	2/9/2010	9:10 am	2/11/2010	10:09 am	Basement	2.8

Comment: Confidential : Release results to client only. Paradigm Environmental Services, Inc. was e-mailed a copy of this report. No test address zip code provided.

Distributed By: Paradigm Environmental Services, Inc.

Date Received: 2/12/2010 Date Analyzed: 2/16/2010 Date Reported: 2/16/2010

Report Reviewed By: M. Gray Report Approved By: Carolyn K. Allen
Carolyn K. Allen President, AccuStar Labs

Disclaimer:

The uncertainty of this radon measurement is ~+/- 10 %. Factors contributing to uncertainty include, statistical variations, daily and seasonal variations in radon concentrations, sample collection techniques, and operation of the dwelling. Interference with test conditions may influence the test results.

This report may only be transferred to a third party in its entirety. Analytical results relate to the samples AS RECEIVED BY THE LABORATORY. Results shown on this report represent levels of radon gas measured between the dates shown in the room or area of the site identified above as "Property Tested". Incorrect information will affect results. The results may not be construed as either predictive or supportive of measurements conducted in any area of this structure at any other time. AccuStar Labs, its employees and agents are not responsible for the consequences of any action taken or not taken based upon the results reported or any verbal or written interpretation of the results.

11 Awl Street Medway MA 02053 888-480-8812 FAX 508-533-8831

ATTACHMENT E
VOLATILE ORGANIC COMPOUND ANALYSIS REPORT

GALSON
LABORATORIES

Ms. MaryEllen Holvey
Leader Professional Services, Inc.
271 Marsh Road
Suite 2
Pittsford, NY 14534

February 17, 2010

DOH ELAP# 11626 Account# 14935 Login# L208501

Dear Ms. Holvey:

Enclosed are the analytical results for the samples received by our laboratory on February 11, 2010. All test results meet the quality control requirements of AIHA and NELAC unless otherwise stated in this report. All samples on the chain of custody were received in good condition unless otherwise noted.

Results in this report are based on the sampling data provided by the client and refer only to the samples as they were received at the laboratory. Unless otherwise requested, all samples will be discarded 14 days from the date of this report.

Please contact Amanda Frateschi at (877) 482-5227, if you would like any additional information regarding this report.

Thank you for using Galson Laboratories.

Sincerely,

Galson Laboratories

Mary G Unangst

Mary G. Unangst
Laboratory Director

Enclosure(s)

LABORATORY ANALYSIS REPORT

GALSON LABORATORIES
6601 Kirkville Road
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.galsonlabs.com

Client : Leader Professional Services, Inc.
Site : Buffalo Police-D Precinct
Project No. : IAQ Assessment

Date Sampled : 09-FEB-10
Date Received : 11-FEB-10
Date Analyzed : 12-FEB-10 - 16-FEB-10
Report ID : 637064

Account No.: 14935
Login No. : L208501
Units : ppbv

Galson ID:	LOQ	L208501-1	L208501-2	L208501-3
Client ID:	ppbv	1-VOC MAIN DESK AREA	2-VOC LIEUTENANT OFF	3-VOC BREAKROOM
Propylene	5.0	<5.0	<5.0	<5.0
Freon-12	5.0	<5.0	<5.0	<5.0
Chloromethane	5.0	<5.0	<5.0	<5.0
Freon-114	5.0	<5.0	<5.0	<5.0
Vinyl Chloride	5.0	<5.0	<5.0	<5.0
1,3-Butadiene	5.0	<5.0	<5.0	<5.0
Bromomethane	5.0	<5.0	<5.0	<5.0
Chloroethane	5.0	<5.0	<5.0	<5.0
Vinyl Bromide	5.0	<5.0	<5.0	<5.0
Freon-11	5.0	<5.0	<5.0	<5.0
Isopropyl Alcohol	5.0	5.9	6.1	<5.0
Acetone	5.0	15	19	14
1,1-Dichloroethene	5.0	<5.0	<5.0	<5.0
Methylene Chloride	5.0	6.6	6.0	6.6
Freon-113	5.0	<5.0	<5.0	<5.0
Allyl Chloride	5.0	<5.0	<5.0	<5.0
Carbon Disulfide	10	<10	<10	<10
Trans-1,2-Dichloroethene	5.0	<5.0	<5.0	<5.0
Methyl Tert-Butyl Ether	5.0	<5.0	<5.0	<5.0
1,1-Dichloroethane	5.0	<5.0	<5.0	<5.0
Vinyl Acetate	5.0	<5.0	<5.0	<5.0
Methyl Ethyl Ketone	5.0	<5.0	<5.0	<5.0
cis-1,2-Dichloroethylene	5.0	<5.0	<5.0	<5.0
Hexane	5.0	<5.0	<5.0	<5.0
Ethyl Acetate	5.0	<5.0	<5.0	<5.0

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Analytical Method : mod.OSHA PV2120/EPA TO15
Collection Media : Mini Can

Submitted by: kaw
Approved by : rjw
Date : 17-FEB-10 NYS DOH # : 11626
QC by : Tom Burgess

< -Less Than
> -Greater Than
NA -Not Applicable
NS -Not Specified

MG -Milligrams
UG -Micrograms
ND -Not Detected
KG -Kilograms

M3 -Cubic Meters
L -Liters
ppbv-Parts per Billion Volume
LOQ -Level of quantitation

LABORATORY ANALYSIS REPORT

GALSON LABORATORIES
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FAX: (315) 437-0571
www.galsonlabs.com

Client : Leader Professional Services, Inc.
Site : Buffalo Police-D Precinct
Project No. : IAQ Assessment

Date Sampled : 09-FEB-10
Date Received : 11-FEB-10
Date Analyzed : 12-FEB-10 - 16-FEB-10
Report ID : 637064

Account No.: 14935
Login No. : L208501
Units : ppbv

Galson ID:	LOQ	L208501-1	L208501-2	L208501-3
Client ID:	ppbv	1-VOC MAIN DESK AREA	2-VOC LIEUTENANT OFF	3-VOC BREAKROOM
Chloroform	5.0	<5.0	<5.0	<5.0
Tetrahydrofuran	5.0	<5.0	<5.0	<5.0
1,2-Dichloroethane	5.0	<5.0	<5.0	<5.0
1,1,1-Trichloroethane	5.0	<5.0	<5.0	<5.0
Cyclohexane	5.0	<5.0	<5.0	<5.0
Carbon Tetrachloride	5.0	<5.0	<5.0	<5.0
Benzene	5.0	<5.0	<5.0	<5.0
1,4-Dioxane	20	<20	<20	<20
2,2,4-Trimethylpentane	5.0	<5.0	<5.0	<5.0
Heptane	5.0	<5.0	<5.0	<5.0
1,2-Dichloropropane	5.0	<5.0	<5.0	<5.0
Trichloroethylene	5.0	<5.0	<5.0	<5.0
Bromodichloromethane	5.0	<5.0	<5.0	<5.0
cis-1,3-Dichloropropene	5.0	<5.0	<5.0	<5.0
trans-1,3-Dichloropropene	5.0	<5.0	<5.0	<5.0
1,1,2-Trichloroethane	5.0	<5.0	<5.0	<5.0
Toluene	5.0	<5.0	<5.0	<5.0
Dibromochloromethane	5.0	<5.0	<5.0	<5.0
Methyl Isobutyl Ketone	20	<20	<20	<20
Methyl Butyl Ketone	20	<20	<20	<20
1,2-Dibromoethane	5.0	<5.0	<5.0	<5.0
Tetrachloroethylene	5.0	<5.0	<5.0	<5.0
Chlorobenzene	5.0	<5.0	<5.0	<5.0
Ethylbenzene	5.0	<5.0	<5.0	<5.0
Bromoform	5.0	<5.0	<5.0	<5.0

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Analytical Method : mod.OSHA PV2120/EPA TO15
Collection Media : Mini Can

Submitted by: kaw
Approved by : rjw
Date : 17-FEB-10 NYS DOH # : 11626
QC by : Tom Burgess

< -Less Than
> -Greater Than
NA -Not Applicable
NS -Not Specified

MG -Milligrams
UG -Micrograms
ND -Not Detected
KG -Kilograms

M3 -Cubic Meters
L -Liters
ppbv-Parts per Billion Volume
LOQ -Level of quantitation

LABORATORY ANALYSIS REPORT

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Client : Leader Professional Services, Inc.
Site : Buffalo Police-D Precinct
Project No. : IAQ Assessment

Date Sampled : 09-FEB-10
Date Received : 11-FEB-10
Date Analyzed : 12-FEB-10 - 16-FEB-10
Report ID : 637064

Account No.: 14935
Login No. : L208501
Units : ppbv

Galson ID:	LOQ	L208501-1	L208501-2	L208501-3
Client ID:	ppbv	1-VOC MAIN DESK AREA	2-VOC LIEUTENANT OFF	3-VOC BREAKROOM
m & p-xylene	10	<10	<10	<10
Styrene	5.0	<5.0	<5.0	<5.0
o-Xylene	5.0	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane	5.0	<5.0	<5.0	<5.0
4-Ethyltoluene	5.0	<5.0	<5.0	<5.0
1,3,5-Trimethylbenzene	5.0	<5.0	<5.0	<5.0
1,2,4-Trimethylbenzene	5.0	<5.0	<5.0	<5.0
1,3-Dichlorobenzene	5.0	<5.0	<5.0	<5.0
Benzyl Chloride	5.0	<5.0	<5.0	<5.0
1,4-Dichlorobenzene	5.0	<5.0	<5.0	<5.0
1,2-Dichlorobenzene	5.0	<5.0	<5.0	<5.0

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Analytical Method : mod.OSHA PV2120/EPA TO15
Collection Media : Mini Can

Submitted by: kaw
Approved by : rjw
Date : 17-FEB-10 NYS DOH # : 11626
QC by : Tom Burgess

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> -Greater Than
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Site : Buffalo Police-D Precinct
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Date Sampled : 09-FEB-10
Date Received : 11-FEB-10
Date Analyzed : 12-FEB-10 - 16-FEB-10
Report ID : 637064

Account No.: 14935
Login No. : L208501
Units : ppbv

Galson ID:	LOQ	L208501-4
Client ID:	ppbv	4-VOC N. BASEMENT
Propylene	5.0	<5.0
Freon-12	5.0	<5.0
Chloromethane	5.0	<5.0
Freon-114	5.0	<5.0
Vinyl Chloride	5.0	<5.0
1,3-Butadiene	5.0	<5.0
Bromomethane	5.0	<5.0
Chloroethane	5.0	<5.0
Vinyl Bromide	5.0	<5.0
Freon-11	5.0	<5.0
Isopropyl Alcohol	5.0	<5.0
Acetone	5.0	5.3
1,1-Dichloroethene	5.0	<5.0
Methylene Chloride	5.0	6.3
Freon-113	5.0	<5.0
Allyl Chloride	5.0	<5.0
Carbon Disulfide	10	<10
Trans-1,2-Dichloroethene	5.0	<5.0
Methyl Tert-Butyl Ether	5.0	<5.0
1,1-Dichloroethane	5.0	<5.0
Vinyl Acetate	5.0	<5.0
Methyl Ethyl Ketone	5.0	<5.0
cis-1,2-Dichloroethylene	5.0	<5.0
Hexane	5.0	<5.0
Ethyl Acetate	5.0	<5.0

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Analytical Method : mod.OSHA PV2120/EPA TO15
Collection Media : Mini Can

Submitted by: kaw
Approved by : rjw
Date : 17-FEB-10 NYS DOH # : 11626
QC by : Tom Burgess

< -Less Than
> -Greater Than
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MG -Milligrams
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Date Analyzed : 12-FEB-10 - 16-FEB-10
Report ID : 637064

Account No.: 14935
Login No. : L208501
Units : ppbv

Galson ID:	LOQ	L208501-4
Client ID:	ppbv	4-VOC N. BASEMENT
Chloroform	5.0	<5.0
Tetrahydrofuran	5.0	<5.0
1,2-Dichloroethane	5.0	<5.0
1,1,1-Trichloroethane	5.0	<5.0
Cyclohexane	5.0	<5.0
Carbon Tetrachloride	5.0	<5.0
Benzene	5.0	<5.0
1,4-Dioxane	20	<20
2,2,4-Trimethylpentane	5.0	<5.0
Heptane	5.0	<5.0
1,2-Dichloropropane	5.0	<5.0
Trichloroethylene	5.0	<5.0
Bromodichloromethane	5.0	<5.0
cis-1,3-Dichloropropene	5.0	<5.0
trans-1,3-Dichloropropene	5.0	<5.0
1,1,2-Trichloroethane	5.0	<5.0
Toluene	5.0	<5.0
Dibromochloromethane	5.0	<5.0
Methyl Isobutyl Ketone	20	<20
Methyl Butyl Ketone	20	<20
1,2-Dibromoethane	5.0	<5.0
Tetrachloroethylene	5.0	<5.0
Chlorobenzene	5.0	<5.0
Ethylbenzene	5.0	<5.0
Bromoform	5.0	<5.0

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Analytical Method : mod.OSHA PV2120/EPA TO15
Collection Media : Mini Can

Submitted by: kaw
Approved by : rjw
Date : 17-FEB-10 NYS DOH # : 11626
QC by : Tom Burgess

< -Less Than
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MG -Milligrams
UG -Micrograms
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M3 -Cubic Meters
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ppbv-Parts per Billion Volume
LOQ -Level of quantitation

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Client : Leader Professional Services, Inc.
Site : Buffalo Police-D Precinct
Project No. : IAQ Assessment

Date Sampled : 09-FEB-10
Date Received : 11-FEB-10
Date Analyzed : 12-FEB-10 - 16-FEB-10
Report ID : 637064

Account No.: 14935
Login No. : L208501
Units : ppbv

Galson ID:	LOQ	L208501-4
Client ID:	ppbv	4-VOC N. BASEMENT
m & p-xylene	10	<10
Styrene	5.0	<5.0
o-Xylene	5.0	<5.0
1,1,2,2-Tetrachloroethane	5.0	<5.0
4-Ethyltoluene	5.0	<5.0
1,3,5-Trimethylbenzene	5.0	<5.0
1,2,4-Trimethylbenzene	5.0	<5.0
1,3-Dichlorobenzene	5.0	<5.0
Benzyl Chloride	5.0	<5.0
1,4-Dichlorobenzene	5.0	<5.0
1,2-Dichlorobenzene	5.0	<5.0

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Analytical Method : mod.OSHA PV2120/EPA TO15
Collection Media : Mini Can

Submitted by: kaw
Approved by : rjw
Date : 17-FEB-10 NYS DOH # : 11626
QC by : Tom Burgess

< -Less Than
> -Greater Than
NA -Not Applicable
NS -Not Specified
MG -Milligrams
UG -Micrograms
ND -Not Detected
KG -Kilograms
M3 -Cubic Meters
L -Liters
ppbv-Parts per Billion Volume
LOQ -Level of quantitation

LABORATORY ANALYSIS REPORT

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Client : Leader Professional Services, Inc.
Site : Buffalo Police-D Precinct
Project No. : IAQ Assessment

Date Sampled : 09-FEB-10
Date Received : 11-FEB-10
Date Analyzed : 12-FEB-10 - 15-FEB-10
Report ID : 636890

Account No.: 14935
Login No. : L208501
Incubation Temp : NA

Client ID : 5-F JV ROOM **Lab ID : L208501-5** **Air Volume : 0.075 m3**
Analysis : Standard Spore Trap **Crowding Factor : 1**

Parameter	Raw Count	Total Count	Conc Count/m3	Percent %
Mycelial Fragments	4	4	53	NA
Pollen	1	1	13	NA
Total Fungal Spores	54	54	720	NA

Acremonium-like	<1	<1	<13	NA
Alternaria	<1	<1	<13	NA
Ascospores	2	2	27	3.7
Aspergillus/Penicillium-like	15	15	200	27.8
Basidiospores	17	17	227	31.5
Bipolaris/Drechslera	<1	<1	<13	NA
Chaetomium	<1	<1	<13	NA
Cladosporium	15	15	200	27.8
Curvularia	<1	<1	<13	NA
Epicoccum	<1	<1	<13	NA
Fusarium	<1	<1	<13	NA
Memnoniella	<1	<1	<13	NA
Nigrospora	<1	<1	<13	NA
Paecilomyces-like	<1	<1	<13	NA
Pithomyces	<1	<1	<13	NA
Rusts/Smuts	<1	<1	<13	NA
Scopulariopsis	<1	<1	<13	NA
Stachybotrys	<1	<1	<13	NA
Torula	<1	<1	<13	NA
Trichoderma-like	<1	<1	<13	NA
Ulocladium	<1	<1	<13	NA
Other/Unidentified	5	5	67	9.3

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of Quantitation: 1 Spore
Analytical Method : GALSON IB-AIROCELL
Sampler : Spore Trap

Submitted by: BDB
Approved by : RCF
Date: 15-FEB-10
QC by: Tom Burgess

< -Less Than > -Greater Than m3 -Cubic Meters NA -Not Applicable
cm2 -Square Centimeters CFU -Colony forming units g -Grams NS -Not Specified
ND -Not Detected

LABORATORY ANALYSIS REPORT

GALSON LABORATORIES
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.galsonlabs.com

Client : Leader Professional Services, Inc.
Site : Buffalo Police-D Precinct
Project No. : IAQ Assessment

Date Sampled : 09-FEB-10
Date Received : 11-FEB-10
Date Analyzed : 12-FEB-10 - 15-FEB-10
Report ID : 636890

Account No.: 14935
Login No. : L208501
Incubation Temp : NA

Client ID : 6-F MAIN DESK AREA **Lab ID : L208501-6** **Air Volume : 0.075 m3**
Analysis : Standard Spore Trap **Crowding Factor : 1**

Parameter	Raw Count	Total Count	Conc Count/m3	Percent %
Mycelial Fragments	11	11	147	NA
Pollen	2	2	27	NA
Total Fungal Spores	113	113	1510	NA

Acremonium-like	<1	<1	<13	NA
Alternaria	<1	<1	<13	NA
Ascospores	3	3	40	2.7
Aspergillus/Penicillium-like	25	25	333	22.1
Basidiospores	44	44	587	38.9
Bipolaris/Drechslera	<1	<1	<13	NA
Chaetomium	<1	<1	<13	NA
Cladosporium	31	31	413	27.4
Curvularia	<1	<1	<13	NA
Epicoccum	1	1	13	0.9
Fusarium	<1	<1	<13	NA
Memnoniella	<1	<1	<13	NA
Nigrospora	<1	<1	<13	NA
Paecilomyces-like	<1	<1	<13	NA
Pithomyces	<1	<1	<13	NA
Rusts/Smuts	2	2	27	1.8
Scopulariopsis	<1	<1	<13	NA
Stachybotrys	<1	<1	<13	NA
Torula	<1	<1	<13	NA
Trichoderma-like	<1	<1	<13	NA
Ulocladium	<1	<1	<13	NA
Other/Unidentified	7	7	93	6.2

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of Quantitation: 1 Spore
Analytical Method : GALSON IB-AIROCELL
Sampler : Spore Trap

Submitted by: BDB
Approved by : RCF
Date: 15-FEB-10
QC by: Tom Burgess

< -Less Than > -Greater Than m3 -Cubic Meters NA -Not Applicable
cm2 -Square Centimeters CFU -Colony forming units g -Grams NS -Not Specified
ND -Not Detected

LABORATORY ANALYSIS REPORT

GALSON LABORATORIES
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.galsonlabs.com

Client : Leader Professional Services, Inc.
Site : Buffalo Police-D Precinct
Project No. : IAQ Assessment

Date Sampled : 09-FEB-10 Account No.: 14935
Date Received : 11-FEB-10 Login No. : L208501
Date Analyzed : 12-FEB-10 - 15-FEB-10 Incubation Temp : NA
Report ID : 636890

Client ID : 7-F LIEUTENANT OFF **Lab ID : L208501-7** **Air Volume : 0.075 m3**
Analysis : Standard Spore Trap **Crowding Factor : 1**

Parameter	Raw Count	Total Count	Conc Count/m3	Percent %
Mycelial Fragments	3	3	40	NA
Pollen	<1	<1	<13	NA
Total Fungal Spores	117	117	1560	NA

Acremonium-like	<1	<1	<13	NA
Alternaria	<1	<1	<13	NA
Ascospores	2	2	27	1.7
Aspergillus/Penicillium-like	41	41	547	35
Basidiospores	50	50	667	42.7
Bipolaris/Drechslera	<1	<1	<13	NA
Chaetomium	2	2	27	1.7
Cladosporium	16	16	213	13.7
Curvularia	<1	<1	<13	NA
Epicoccum	<1	<1	<13	NA
Fusarium	<1	<1	<13	NA
Memnoniella	<1	<1	<13	NA
Nigrospora	<1	<1	<13	NA
Paecilomyces-like	<1	<1	<13	NA
Pithomyces	<1	<1	<13	NA
Rusts/Smuts	1	1	13	0.9
Scopulariopsis	<1	<1	<13	NA
Stachybotrys	<1	<1	<13	NA
Torula	<1	<1	<13	NA
Trichoderma-like	<1	<1	<13	NA
Ulocladium	<1	<1	<13	NA
Other/Unidentified	5	5	67	4.3

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of Quantitation: 1 Spore
Analytical Method : GALSON IB-AIROCELL
Sampler : Spore Trap

Submitted by: BDB
Approved by : RCF
Date: 15-FEB-10
QC by: Tom Burgess

< -Less Than > -Greater Than m3 -Cubic Meters NA -Not Applicable
cm2 -Square Centimeters CFU -Colony forming units g -Grams NS -Not Specified
ND -Not Detected

LABORATORY ANALYSIS REPORT

GALSON LABORATORIES
East Syracuse, NY 13057
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FAX: (315) 437-0571
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Client : Leader Professional Services, Inc.
Site : Buffalo Police-D Precinct
Project No. : IAQ Assessment

Date Sampled : 09-FEB-10 Account No.: 14935
Date Received : 11-FEB-10 Login No. : L208501
Date Analyzed : 12-FEB-10 - 15-FEB-10 Incubation Temp : NA
Report ID : 636890

Client ID : 8-F BREAKROOM **Lab ID : L208501-8** **Air Volume : 0.075 m3**
Analysis : Standard Spore Trap **Crowding Factor : 1**

Parameter	Raw Count	Total Count	Conc Count/m3	Percent %
Mycelial Fragments	2	2	27	NA
Pollen	<1	<1	<13	NA
Total Fungal Spores	15	15	200	NA

Acremonium-like	<1	<1	<13	NA
Alternaria	<1	<1	<13	NA
Ascospores	<1	<1	<13	NA
Aspergillus/Penicillium-like	6	6	80	40
Basidiospores	7	7	93	46.7
Bipolaris/Drechslera	<1	<1	<13	NA
Chaetomium	<1	<1	<13	NA
Cladosporium	2	2	27	13.3
Curvularia	<1	<1	<13	NA
Epicoccum	<1	<1	<13	NA
Fusarium	<1	<1	<13	NA
Memnoniella	<1	<1	<13	NA
Nigrospora	<1	<1	<13	NA
Paecilomyces-like	<1	<1	<13	NA
Pithomyces	<1	<1	<13	NA
Rusts/Smuts	<1	<1	<13	NA
Scopulariopsis	<1	<1	<13	NA
Stachybotrys	<1	<1	<13	NA
Torula	<1	<1	<13	NA
Trichoderma-like	<1	<1	<13	NA
Ulocladium	<1	<1	<13	NA
Other/Unidentified	<1	<1	<13	NA

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of Quantitation: 1 Spore
Analytical Method : GALSON IB-AIROCELL
Sampler : Spore Trap

Submitted by: BDB
Approved by : RCF
Date: 15-FEB-10
QC by: Tom Burgess

< -Less Than > -Greater Than m3 -Cubic Meters NA -Not Applicable
cm2 -Square Centimeters CFU -Colony forming units g -Grams NS -Not Specified
ND -Not Detected

LABORATORY ANALYSIS REPORT

GALSON LABORATORIES
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.galsonlabs.com

Client : Leader Professional Services, Inc.
Site : Buffalo Police-D Precinct
Project No. : IAQ Assessment

Date Sampled : 09-FEB-10
Date Received : 11-FEB-10
Date Analyzed : 12-FEB-10 - 15-FEB-10
Report ID : 636890

Account No.: 14935
Login No. : L208501
Incubation Temp : NA

Client ID : 9-F EXERCISE ROOM **Lab ID : L208501-9** **Air Volume : 0.075 m3**
Analysis : Standard Spore Trap **Crowding Factor : 1**

Parameter	Raw Count	Total Count	Conc Count/m3	Percent %
Mycelial Fragments	<1	<1	<13	NA
Pollen	<1	<1	<13	NA
Total Fungal Spores	14	14	187	NA

Acremonium-like	<1	<1	<13	NA
Alternaria	<1	<1	<13	NA
Ascospores	<1	<1	<13	NA
Aspergillus/Penicillium-like	4	4	53	28.6
Basidiospores	7	7	93	50
Bipolaris/Drechslera	<1	<1	<13	NA
Chaetomium	<1	<1	<13	NA
Cladosporium	1	1	13	7.1
Curvularia	<1	<1	<13	NA
Epicoccum	<1	<1	<13	NA
Fusarium	<1	<1	<13	NA
Memnoniella	<1	<1	<13	NA
Nigrospora	<1	<1	<13	NA
Paecilomyces-like	<1	<1	<13	NA
Pithomyces	<1	<1	<13	NA
Rusts/Smuts	<1	<1	<13	NA
Scopulariopsis	<1	<1	<13	NA
Stachybotrys	<1	<1	<13	NA
Torula	<1	<1	<13	NA
Trichoderma-like	<1	<1	<13	NA
Ulocladium	<1	<1	<13	NA
Other/Unidentified	2	2	27	14.3

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of Quantitation: 1 Spore
Analytical Method : GALSON IB-AIROCELL
Sampler : Spore Trap

Submitted by: BDB
Approved by : RCF
Date: 15-FEB-10
QC by: Tom Burgess

< -Less Than > -Greater Than m3 -Cubic Meters NA -Not Applicable
cm2 -Square Centimeters CFU -Colony forming units g -Grams NS -Not Specified
ND -Not Detected

LABORATORY ANALYSIS REPORT

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FAX: (315) 437-0571
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Client : Leader Professional Services, Inc.
Site : Buffalo Police-D Precinct
Project No. : IAQ Assessment

Date Sampled : 09-FEB-10
Date Received : 11-FEB-10
Date Analyzed : 12-FEB-10 - 15-FEB-10
Report ID : 636890

Account No.: 14935
Login No. : L208501
Incubation Temp : NA

Client ID : 10-F CONFERENCE ROOM **Lab ID : L208501-10** **Air Volume : 0.075 m3**
Analysis : Standard Spore Trap **Crowding Factor : 1**

Parameter	Raw Count	Total Count	Conc Count/m3	Percent %
Mycelial Fragments	5	5	67	NA
Pollen	<1	<1	<13	NA
Total Fungal Spores	50	50	667	NA

Acremonium-like	<1	<1	<13	NA
Alternaria	<1	<1	<13	NA
Ascospores	2	2	27	4
Aspergillus/Penicillium-like	20	20	267	40
Basidiospores	22	22	293	44
Bipolaris/Drechslera	<1	<1	<13	NA
Chaetomium	<1	<1	<13	NA
Cladosporium	4	4	53	8
Curvularia	<1	<1	<13	NA
Epicoccum	<1	<1	<13	NA
Fusarium	<1	<1	<13	NA
Memnoniella	<1	<1	<13	NA
Nigrospora	<1	<1	<13	NA
Paecilomyces-like	<1	<1	<13	NA
Pithomyces	<1	<1	<13	NA
Rusts/Smuts	1	1	13	2
Scopulariopsis	<1	<1	<13	NA
Stachybotrys	<1	<1	<13	NA
Torula	<1	<1	<13	NA
Trichoderma-like	<1	<1	<13	NA
Ulocladium	<1	<1	<13	NA
Other/Unidentified	1	1	13	2

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of Quantitation: 1 Spore
Analytical Method : GALSON IB-AIROCELL
Sampler : Spore Trap

Submitted by: BDB
Approved by : RCF
Date: 15-FEB-10
QC by: Tom Burgess

< -Less Than > -Greater Than m3 -Cubic Meters NA -Not Applicable
cm2 -Square Centimeters CFU -Colony forming units g -Grams NS -Not Specified
ND -Not Detected

LABORATORY ANALYSIS REPORT

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Client : Leader Professional Services, Inc.
Site : Buffalo Police-D Precinct
Project No. : IAQ Assessment

Date Sampled : 09-FEB-10
Date Received : 11-FEB-10
Date Analyzed : 12-FEB-10 - 15-FEB-10
Report ID : 636890

Account No.: 14935
Login No. : L208501
Incubation Temp : NA

Client ID : 11-F DETECTIVES OFF. **Lab ID : L208501-11** **Air Volume : 0.075 m3**
Analysis : Standard Spore Trap **Crowding Factor : 1**

Parameter	Raw Count	Total Count	Conc Count/m3	Percent %
Mycelial Fragments	2	2	27	NA
Pollen	<1	<1	<13	NA
Total Fungal Spores	29	29	387	NA

Acremonium-like	<1	<1	<13	NA
Alternaria	<1	<1	<13	NA
Ascospores	1	1	13	3.4
Aspergillus/Penicillium-like	7	7	93	24.1
Basidiospores	17	17	227	58.6
Bipolaris/Drechslera	<1	<1	<13	NA
Chaetomium	<1	<1	<13	NA
Cladosporium	2	2	27	6.9
Curvularia	<1	<1	<13	NA
Epicoccum	<1	<1	<13	NA
Fusarium	<1	<1	<13	NA
Memnoniella	<1	<1	<13	NA
Nigrospora	<1	<1	<13	NA
Paecilomyces-like	<1	<1	<13	NA
Pithomyces	<1	<1	<13	NA
Rusts/Smuts	<1	<1	<13	NA
Scopulariopsis	<1	<1	<13	NA
Stachybotrys	<1	<1	<13	NA
Torula	<1	<1	<13	NA
Trichoderma-like	<1	<1	<13	NA
Ulocladium	<1	<1	<13	NA
Other/Unidentified	2	2	27	6.9

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of Quantitation: 1 Spore
Analytical Method : GALSON IB-AIROCELL
Sampler : Spore Trap

Submitted by: BDB
Approved by : RCF
Date: 15-FEB-10
QC by: Tom Burgess

< -Less Than > -Greater Than m3 -Cubic Meters NA -Not Applicable
cm2 -Square Centimeters CFU -Colony forming units g -Grams NS -Not Specified
ND -Not Detected

LABORATORY ANALYSIS REPORT

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Client : Leader Professional Services, Inc.
Site : Buffalo Police-D Precinct
Project No. : IAQ Assessment

Date Sampled : 09-FEB-10
Date Received : 11-FEB-10
Date Analyzed : 12-FEB-10 - 15-FEB-10
Report ID : 636890

Account No.: 14935
Login No. : L208501
Incubation Temp : NA

Client ID : 12-F CAPTAINS OFFICE **Lab ID : L208501-12** **Air Volume : 0.075 m3**
Analysis : Standard Spore Trap **Crowding Factor : 1**

Parameter	Raw Count	Total Count	Conc Count/m3	Percent %
Mycelial Fragments	5	5	67	NA
Pollen	<1	<1	<13	NA
Total Fungal Spores	100	100	1330	NA

Acremonium-like	<1	<1	<13	NA
Alternaria	<1	<1	<13	NA
Ascospores	2	2	27	2
Aspergillus/Penicillium-like	20	20	267	20
Basidiospores	46	46	613	46
Bipolaris/Drechslera	<1	<1	<13	NA
Chaetomium	<1	<1	<13	NA
Cladosporium	23	23	307	23
Curvularia	<1	<1	<13	NA
Epicoccum	1	1	13	1
Fusarium	<1	<1	<13	NA
Memnoniella	<1	<1	<13	NA
Nigrospora	<1	<1	<13	NA
Paecilomyces-like	<1	<1	<13	NA
Pithomyces	<1	<1	<13	NA
Rusts/Smuts	2	2	27	2
Scopulariopsis	<1	<1	<13	NA
Stachybotrys	<1	<1	<13	NA
Torula	<1	<1	<13	NA
Trichoderma-like	<1	<1	<13	NA
Ulocladium	<1	<1	<13	NA
Other/Unidentified	6	6	80	6

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of Quantitation: 1 Spore
Analytical Method : GALSON IB-AIROCELL
Sampler : Spore Trap

Submitted by: BDB
Approved by : RCF
Date: 15-FEB-10
QC by: Tom Burgess

< -Less Than > -Greater Than m3 -Cubic Meters NA -Not Applicable
cm2 -Square Centimeters CFU -Colony forming units g -Grams NS -Not Specified
ND -Not Detected

LABORATORY ANALYSIS REPORT

GALSON LABORATORIES
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.galsonlabs.com

Client : Leader Professional Services, Inc.
Site : Buffalo Police-D Precinct
Project No. : IAQ Assessment

Date Sampled : 09-FEB-10 Account No.: 14935
Date Received : 11-FEB-10 Login No. : L208501
Date Analyzed : 12-FEB-10 - 15-FEB-10 Incubation Temp : NA
Report ID : 636890

Client ID : 13-F OUTSIDE AIR **Lab ID : L208501-13** **Air Volume : 0.15 m3**
Analysis : Standard Spore Trap **Crowding Factor : 1**

Parameter	Raw Count	Total Count	Conc Count/m3	Percent %
Mycelial Fragments	2	2	13	NA
Pollen	<1	<1	<7	NA
Total Fungal Spores	41	41	273	NA

Acremonium-like	<1	<1	<7	NA
Alternaria	<1	<1	<7	NA
Ascospores	<1	<1	<7	NA
Aspergillus/Penicillium-like	27	27	180	65.9
Basidiospores	3	3	20	7.3
Bipolaris/Drechslera	<1	<1	<7	NA
Chaetomium	<1	<1	<7	NA
Cladosporium	7	7	47	17.1
Curvularia	<1	<1	<7	NA
Epicoccum	<1	<1	<7	NA
Fusarium	<1	<1	<7	NA
Memnoniella	<1	<1	<7	NA
Nigrospora	<1	<1	<7	NA
Paecilomyces-like	<1	<1	<7	NA
Pithomyces	<1	<1	<7	NA
Rusts/Smuts	<1	<1	<7	NA
Scopulariopsis	<1	<1	<7	NA
Stachybotrys	<1	<1	<7	NA
Torula	<1	<1	<7	NA
Trichoderma-like	<1	<1	<7	NA
Ulocladium	<1	<1	<7	NA
Other/Unidentified	4	4	27	9.8

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of Quantitation: 1 Spore
Analytical Method : GALSON IB-AIROCELL
Sampler : Spore Trap

Submitted by: BDB
Approved by : RCF
Date: 15-FEB-10
QC by: Tom Burgess

< -Less Than > -Greater Than m3 -Cubic Meters NA -Not Applicable
cm2 -Square Centimeters CFU -Colony forming units g -Grams NS -Not Specified
ND -Not Detected

LABORATORY FOOTNOTE REPORT

GALSON LABORATORIES

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FAX: (315) 437-0571
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Client Name : Leader Professional Services, Inc.
Site : Buffalo Police-D Precinct
Project No. : IAQ Assessment

Date Sampled : 09-FEB-10 Account No.: 14935
Date Received: 11-FEB-10 Login No. : L208501
Date Analyzed: 12-FEB-10 - 16-FEB-10

Unless otherwise noted below, all quality control results associated with the samples were within established control limits.

Unrounded results are carried through the calculations that yield the final result and the final result is rounded to the number of significant figures appropriate to the accuracy of the analytical method. Please note that results appearing in the columns preceeding the final result column may have been rounded in order to fit the report format and therefore, if carried through the calculations, may not yield an identical final result to the one reported.

The stated LOQs for each analyte represent the demonstrated LOQ concentrations prior to correction for desorption efficiency (if applicable).

L208501 (Report ID: 637064):
SOPs: in-vocs(11)
For samples 1-2 and 4, the laboratory control sample/duplicate (LCS/LCSD) RPD was 27% for Benzyl Chloride, 26% for 1,4-Dichlorobenzene, and 27% for 1,2-Dichlorobenzene, which exceeds the upper control limit of 25%.
Sample results are not affected as the individual LCS/LCSD recoveries were within control limits.

L208501-3 (Report ID: 637064):
The laboratory control sample (LCS) was outside the control limits of 70-130% at 134% recovery for Propylene and 140% recovery for Chloromethane.
Reported results are not affected since samples are non-detect and bias is high.
The laboratory control sample duplicate (LCSD) was outside the control limits of 70-130% at 131% recovery for Chloromethane.
Reported results are not affected since samples are non-detect and bias is high.

L208501 (Report ID: 636890):
SOPs: ib-airocell(11)

< -Less Than	mg -Milligrams	m3 -Cubic Meters	kg -Kilograms
> -Greater Than	ug -Micrograms	l -Liters	NS -Not Specified
NA -Not Applicable	ND -Not Detected	ppm -Parts per Million	

GALSON LABORATORIES
6601 Kirkville Rd
East Syracuse, NY 13057
Tel: (315) 432-5227
888-432-LABS (5227)
Fax: (315) 437-0571
www.galsonlabs.com

☐ Check if change of address

New Client ? ☐ yes ☐ no

Report To : Leader Professional Services Inc
271 Marsh Road
Suite 2
Pittsford NY 14534

Phone No. :
Fax No. :

Invoice To :

Phone No. :
Fax No. :

Site Name : Buffalo Police - D Precinct Project : IAQ Assessment Sampled By : ME Holvey

Need Results By:	(surcharge)
☑ 5 Business Days	0%
☐ 4 Business Days	35%
☐ 3 Business Days	50%
☐ 2 Business Days	75%
☐ Next Day by 6pm	100%
☐ Next Day by Noon	150%
☐ Same day	200%

☒ Samples submitted using the FreePumpLoan™ Program.

☐ Samples submitted using the FreeSamplingBadges™ Program.

Client Account No. : 14935
Purchase Order No. : BDPW
Credit Card No. : Card Holder Name : Exp. :

Email / Fax Results To :
Email Address : Fax No. :

Sample Identification	Date Sampled	Collection Medium	*Air Volume (Liters)	Passive Monitors (Min)	Analysis Requested	Method Reference	Regulator ~~Specific DL Needed~~
1. 1-VOC Main Desk Area	2-9-10	Mini Can # WC003	9:58 am → 9:35 am	23 hrs 38 min	63 VOC Compound List	WC003	WR255
2. 2-VOC Lieutenant's Office		Mini Can # WC116	10:00 am → 9:37 am	23 hrs 37 min		WC116	WR300
3. 3-VOC Breakroom		Mini Can # WC120	10:05 am → 9:45 am	23 hrs 40 min		WC120	WR087
4. 4-VOC North Basement		Mini Can # WC125	10:10 am → 9:47 am	23 hrs 37 min		WC125	WR187
5. 5-F JV Room		AOC # 15741913	5 min * 15 LPM	→ 75L	Non-viable Fungi		
6. 6-F Main Desk Area		AOC # 15740861					
7. 7-F Lieutenant's Office		AOC # 15740811					
8. 8-F Breakroom		AOC # 15741909					
9. 9-F Exercise Room		AOC # 15741890					
10. 10-F Conference Room		AOC # 15741907					
11. 11-F Detectives Office		AOC # 15742153					

☐ Yes ☑ No We normally add a laboratory blank for each analyte. We will charge you for this at our normal rate. If you agree please check "Yes" otherwise check "No".

List description of industry or process / interference's present in sampling area:

Comments: 94168502

Chain of Custody	Print Name	Signature	Date/Time
Relinquished by :	Mary Ellen Holvey	ME Holvey	February 10, 2010 / 11:00 am
Received by LAB :	BRIAN CARUSO	Brian Caruso	2/11/10 1013

Samples received after 3pm will be considered as next day's business. * sample collection time X LPM = Air Vol. Page 1 of 2

LAB ORIGINAL

GALSON LABORATORIES

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East Syracuse, NY 13057
Tel: (315) 432-5227
888-432-LABS (5227)
Fax: (315) 437-0571
www.galsonlabs.com

☐ Check if change of address

New Client ? ☐ yes ☐ no

Report To : Leader Professional Services Inc
271 Marsh Road
Suite 2
Pittsford NY 14534

Phone No. :
Fax No. :

Invoice To :

Phone No. :
Fax No. :

Site Name : Buffalo PD - Precinct D Project : IAQ Assessment Sampled By : ME Holvey

Need Results By:	(surcharge)
☑ 5 Business Days	0%
☐ 4 Business Days	35%
☐ 3 Business Days	50%
☐ 2 Business Days	75%
☐ Next Day by 6pm	100%
☐ Next Day by Noon	150%
☐ Same day	200%

☒ Samples submitted using the FreePumpLoan™ Program.

☐ Samples submitted using the FreeSamplingBadges™ Program.

Client Account No. : 14935
Purchase Order No. : BPPW
Credit Card No. :
Card Holder Name : Exp. :

Email / Fax Results To :
Email Address :
Fax No. :

	Sample Identification	Date Sampled	Collection Medium	*Air Volume (Liters)	Passive Monitors (Min)	Analysis Requested	Method Reference	Specific DL Needed
1.	2-F Captain's Office	2-9-10	AOC #15741891	5min x 15LPM =	75L	Non-viable Fungi		
2.	3-F Outside Air	↓	AOCH #15741899	10min x 15LPM =	150L	↓		
3.								
4.								
5.								
6.								
7.								
8.								
9.								
10.								
11.								

☐ Yes ☑ No **We normally add a laboratory blank for each analyte. We will charge you for this at our normal rate. If you agree please check "Yes" otherwise check "No".**

List description of industry or process / interference's present in sampling area:

Comments:

Chain of Custody	Print Name	Signature	Date/Time
Relinquished by :	Mary Ellen Holvey	ME Holvey	February 10, 2010 / 11:00 am
Received by LAB :	BRIAN CONNOR	Brian Connor	2/11/10 1013

Samples received after 3pm will be considered as next day's business. *** sample collection time X LPM = Air Vol.**

LAB ORIGINAL

Page 19 of 21 Report Reference:1 Generated: 17-FEB-10 17:35

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6601 Kirkville Road
East Syracuse, NY 13057-0369
Phone: (888) 432-5227
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www.galsonlabs.com

Analytical Notes for Microbiology

Air-O-Cell™ Cassettes

Air-O-Cell™ cassettes and other spore traps may trap particles that can interfere with spore counts. Galson Laboratories provides an estimation of the density of these particles, referred to as a Crowding Factor. The Crowding Factor ranges from 0 to 4 and is explained below.

Crowding Factor	*Explanation*
0	No particles detected.
1	Particles are far apart and in low numbers; spore counts not affected.
2	Particles are close together and/or overlapping, occasionally obscuring spores; spore counts may be biased low.
3	Particles are crowded, frequently obscuring spores; spore counts are likely biased low.
4	Particles are overcrowded making analysis impossible; no spore counts provided. If certain spores are readily detectable, they are reported as "Detected".

Counts for any genus that exceed 300 spores are estimated to two significant figures.

Direct Microscopic Examination (Screens)

- Due to the inherent nature of screen samples, a spore count is not performed.
- Upon special request counts may be performed on swab, liquid, or bulk screens. Counts are never performed on tape lifts due to the nature of the samples to not have uniform distribution of spores.
- The amount of a particular spore detected is reported as a "Level of contamination": Light, Moderate, or Heavy.
- The level of contamination is a subjective measurement and corresponds to the general quantity of spores present in a sample. It also describes the amount of spores relative to one another.

Viable Fungi Analysis

- Standard growing conditions for viable fungi are 25°C ± 1°C for 7 days.
- Standard growing conditions for viable thermophilic fungi are 37°C ± 1°C for 7 days.
- Results are reported in colony forming units (CFUs). A CFU can originate from one or many spores.
- Galson Laboratories uses and provides Potato Dextrose agar for all cultureable fungal methods. We have found Potato Dextrose agar to be suitable for the culture of the widest range of organisms. Other agars submitted or requested by clients are grown under the above standard conditions unless otherwise requested by the client.
- Some fungi may not produce identifiable structures in culture or under standard growing conditions. These fungi will be considered sterile hyphae and reported as such.
- Lack of growth under standard conditions does not preclude the presence of fungi or its viability in a sample.
- Samples taken with impactor samplers are not corrected for a positive hole correction factor.
- Identification of fungal organisms is based on visual microscopic examination at up to seven days of growth under standard conditions. Due to the large numbers of different species that may comprise them, certain genera may appear similar due to variations in stages of their life cycles, growth requirements, and/or environmental stress. A very limited amount of identification overlap may occur due to morphological similarities.
- Final interpretation of results is up to the person(s) responsible for conducting the sampling.

Quality Assurance

Galson Laboratories maintains quality assurance through the following steps. There is a daily QC program for all analysts. Samples are QC reviewed on a daily basis. A second analyst reexamines samples that have no observable spores. All reports are reviewed prior to release by the section supervisor as well as by the QA department. In addition, Galson Laboratories is AIHA accredited for fungal analysis (air culturable, bulk culturable, surface culturable, air direct exam, bulk direct exam, and surface direct exam).

ATTACHMENT F

POTABLE WATER AND SUMP SAMPLE ANALYSIS REPORT

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report Cover Page

Leader

For Lab Project # 10-0633
Issued March 3, 2010
Re-Issued March 4, 2010
This report contains a total of 4 pages

This project has been re-issued to correct a mislabeled sample location.

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Each page of this document is part of a multipage report. This document may not be reproduced except in its entirety, without the prior consent of Paradigm Environmental Services, Inc.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of frequently used data flags and their meaning:

"ND" = analyzed for but not detected.
"E" = Result has been estimated, calibration limit exceeded.
"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester New York 14608 (585) 647-2530 FAX (585) 647-3311

LABORATORY REPORT FOR TAL METALS IN DRINKING WATER

Client: Leader

Client Job Site: Precinct "D" City of Buffalo

Client Job No.: N/A

Field Location: DW-1

Lab Project No.: 10-0633
Lab Sample No.: 2839

Sample Type: Drinking Water

Date Sampled: 2/9/2010
Date Received: 2/10/2010

Parameter	Date Analyzed	Analytical Method	Results (mg/L)
Aluminum	2/16/2010	EPA 200.7	ND<0.100
Antimony	2/18/2010	EPA 200.9	ND<0.0008
Arsenic	2/16/2010	EPA 200.7	ND<0.0050
Barium	2/16/2010	EPA 200.7	0.0238
Beryllium	2/16/2010	EPA 200.7	ND<0.0003
Cadmium	2/16/2010	EPA 200.7	ND<0.0010
Calcium	2/16/2010	EPA 200.7	37.4
Chromium	2/16/2010	EPA 200.7	ND<0.0050
Cobalt	2/16/2010	EPA 200.7	ND<0.0500
Copper	2/16/2010	EPA 200.7	0.407
Iron	2/16/2010	EPA 200.7	ND<0.0500
Lead	2/12/2010	EPA 200.9	ND<0.0010
Magnesium	2/16/2010	EPA 200.7	9.27
Manganese	2/16/2010	EPA 200.7	ND<0.0100
Mercury	2/16/2010	EPA 245.1	ND<0.0002
Nickel	2/16/2010	EPA 200.7	ND<0.0050
Potassium	2/16/2010	EPA 200.7	1.55
Selenium	3/3/2010	EPA 200.9	ND<0.002
Silver	2/16/2010	EPA 200.7	ND<0.0100
Sodium	2/16/2010	EPA 200.7	11.4
Thallium	2/17/2010	EPA 200.9	ND<0.0007
Vanadium	2/16/2010	EPA 200.7	ND<0.0200
Zinc	2/16/2010	EPA 200.7	0.0950

ELAP ID.No.: 10709

Comments: ND denotes Non Detect.

Approved By: _____
Bruce Hoogesteger, Technical Director

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with sample condition requirements upon receipt.

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester New York 14608 (585) 647-2530 FAX (585) 647-3311

LABORATORY REPORT FOR TAL METALS IN DRINKING WATER

Client: Leader

Client Job Site: Precinct "D" City of Buffalo

Client Job No.: N/A

Field Location: DW-2

Lab Project No.: 10-0633
Lab Sample No.: 2840

Sample Type: Drinking Water

Date Sampled: 2/9/2010
Date Received: 2/10/2010
Date Re-Issued: 3/4/2010

Parameter	Date Analyzed	Analytical Method	Results (mg/L)
Aluminum	2/16/2010	EPA 200.7	ND<0.100
Antimony	2/18/2010	EPA 200.9	ND<0.0008
Arsenic	2/16/2010	EPA 200.7	ND<0.0050
Barium	2/16/2010	EPA 200.7	0.0235
Beryllium	2/16/2010	EPA 200.7	ND<0.0003
Cadmium	2/16/2010	EPA 200.7	ND<0.0010
Calcium	2/16/2010	EPA 200.7	36.8
Chromium	2/16/2010	EPA 200.7	ND<0.0050
Cobalt	2/16/2010	EPA 200.7	ND<0.0500
Copper	2/16/2010	EPA 200.7	0.0760
Iron	2/16/2010	EPA 200.7	ND<0.0500
Lead	2/12/2010	EPA 200.9	ND<0.0010
Magnesium	2/16/2010	EPA 200.7	9.19
Manganese	2/16/2010	EPA 200.7	ND<0.0100
Mercury	2/16/2010	EPA 245.1	ND<0.0002
Nickel	2/16/2010	EPA 200.7	ND<0.0050
Potassium	2/16/2010	EPA 200.7	1.53
Selenium	3/3/2010	EPA 200.9	ND<0.002
Silver	2/16/2010	EPA 200.7	ND<0.0100
Sodium	2/16/2010	EPA 200.7	11.0
Thallium	2/17/2010	EPA 200.9	ND<0.0007
Vanadium	2/16/2010	EPA 200.7	ND<0.0200
Zinc	2/16/2010	EPA 200.7	0.0950

ELAP ID.No.: 10709

Comments: ND denotes Non Detect.

Approved By: _____
Bruce Hoogesteger, Technical Director

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with sample condition requirements upon receipt.

File ID: Leader 10-0633

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

PARADIGM

CHAIN OF CUSTODY

REPORT TO:

COMPANY: Leader
ADDRESS: 2313 Wehrle Dr.
CITY: Williamsville STATE: NY ZIP:
PHONE: 716 565-0963 FAX:
ATTN: Keith Keller
COMMENTS:

INVOICE TO:

COMPANY: Same
ADDRESS:
CITY: STATE: ZIP:
PHONE: FAX:
ATTN:

LAB PROJECT #: 10-0633
CLIENT PROJECT #:

TURNAROUND TIME: (WORKING DAYS)
STD: 1 [ ] 2 [ ] 3 [ ] 5 [X]
OTHER [ ]

Quotation #

PROJECT NAME/SITE NAME: Precinct D"

REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX (EAH 2/11 See remarks)	NUMBER OF CONTAINERS		TAL metals									REMARKS	PARADIGM LAB SAMPLE NUMBER
1 2/9/10	0920		✓	DW-1	Drinking water	1		✓									preserved with HNO3	2839
2 2/9/10	0922		✓	DW-2	Drinking water	1		✓										2840
3																	2-10-10	
4																	CRC KK/SH	
5																	Drinking water	
6																	metals	
7																	Pokoin 540	
8																		
9																		
10																		

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y [ ]	N [ ]
Comments:		
Preservation:	Y [ ]	N [ ]
Comments:		
Holding Time:	Y [ ]	N [ ]
Comments:		
Temperature: 5°C iced	Y [ ]	N [ ]
Comments:		

Keith Keller	2/9/10 / 0922	
Sampled By	Date/Time	
Keith Keller	2/9/10 / 1025	
Relinquished By	Date/Time	
John Hoffman	2/9/10 / 1025	
Received By	Date/Time	
Elizabeth A. Honch	2/10/10 1435	
Received @ Lab By	Date/Time	

Total Cost:

P.I.F.

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester New York 14608 (585) 647-2530 FAX (585) 647-3311

Client:	Leader	**Lab Project No.:**	10-0747
Client Job Site:	City of Buffalo Police Precinct "D"	**Date Sampled:**	2/18/2010
		Time Sampled:	14:00
Client Job No.:	N/A	**Date Received:**	2/18/2010
		Date Analyzed:	2/18/2010
Analytical Method:	SM18 4500H B	**Time Analyzed:**	14:55
		Location:	Lab
Sample Type:	Water		

Laboratory Report for pH Analysis

Lab Sample ID.	Sample Location/Field ID	pH (S.U.)
3253	Basement Room-North Sump	7.3

ELAP ID No.: 10472

Comments:

Approved By Technical Director: _____
Bruce Hoogesteger

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

File ID: 10-0747PH.xls

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647-2530 FAX (585) 647-3311

Client: Leader

Client Job Site: City of Buffalo Police Precinct "D"

Client Job No.: N/A

Analytical Method: SM 18 9222 D

Lab Project No.: 10-0747

Sample Type: Water

Date Sampled: 2/18/2010 (14:00)
Date Received: 2/18/2010
Date Analyzed: 2/18/2010 (14:50)

Laboratory Report for Fecal Coliform

Lab Sample ID.	Sample Location/Field ID	Results (col/100 ml)
3253	Basement Room-North Sump	ND<10

ELAP ID. No. 10472

Comments: ND denotes Non Detect.

Approved By Technical Director: _____
Bruce Hoogesteger

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

File ID: 10-0747Fecal.xls

PARADIGM
ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue Rochester, New York 14608 (585) 647-2530 FAX (585) 647-3311

Client:	Leader	**Lab Project No.:**	10-0747
Client Job Site:	City of Buffalo Police Precinct "D"	**Sample Type:**	Water
Client Job No.:	N/A	**Date Sampled:**	2/18/2010
		Date Received:	2/19/2010
Analytical Method:	EPA 1664	**Date Analyzed:**	2/25/2010

Laboratory Report for Oil and Grease

Lab Sample ID.	Sample Location/Field ID	Oil and Grease (mg/L)
3253	Basement Room-North Sump	ND<1.0

ELAP ID. No.: 10709

Comments: ND denotes Non Detect.

Approved By Technical Director: _____
Bruce Hoogesteger

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

File ID: Leader10-0747.xls

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

PARADIGM ENVIRONMENTAL SERVICES, INC.

CHAIN OF CUSTODY

REPORT TO:

COMPANY: Ludder
ADDRESS: 2213 Wehrle Drive
CITY: Williamsville STATE: NY ZIP: 14221
PHONE: 716 565-0963 FAX:
ATTN: K. Keller
COMMENTS:

INVOICE TO:

COMPANY: Same
ADDRESS:
CITY: STATE: ZIP:
PHONE: FAX:
ATTN:

LAB PROJECT #: 10-0747
CLIENT PROJECT #:

TURNAROUND TIME: (WORKING DAYS)
STD OTHER
[ ] 1 [ ] 2 [ ] 3 [X] 5 [ ]

Quotation #

PROJECT NAME/SITE NAME: City of Buffalo Police Precinct "D"

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	Fecal Coliform	pH	oil and grease								REMARKS	PARADIGM LAB SAMPLE NUMBER
1	2/18/10	2:00pm		/	Basement Room - North Sump	WW	3	/	/	/									3253
2				/															
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			

LAB USE ONLY BELOW THIS LINE

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter		NELAC Compliance
Container Type:		Y [X] N [ ]
Comments:		cc EAH 2/19
Preservation:	Cont sent directly to sub labs by JH	Y [ ] N [ ]
Comments:		
Holding Time:		Y [ ] N [ ]
Comments:		
Temperature:		Y [ ] N [ ]
Comments:		

Sampled By — Date/Time: 2/18/10 / 2:00 PM
Relinquished By — Date/Time: 2/18/10 / 2:05 PM
Received By — Date/Time: 2/18/10 2:05
Received @ Lab By — Date/Time: Elizabeth A. Hom ch 2/18/10 1025

Total Cost:

P.I.F.

ATTACHMENT G
Upper Ceiling Fungi Sample Analysis Report

GALSON
LABORATORIES

Ms. MaryEllen Holvey
Leader Professional Services, Inc.
271 Marsh Road
Suite 2
Pittsford, NY 14534

February 25, 2010

DOH ELAP# 11626 Account# 14935 Login# L209186

Dear Ms. Holvey:

Enclosed are the analytical results for the samples received by our laboratory on February 24, 2010. All test results meet the quality control requirements of AIHA and NELAC unless otherwise stated in this report. All samples on the chain of custody were received in good condition unless otherwise noted. We were unable to analyze the sample labelled Womens locker room.

Results in this report are based on the sampling data provided by the client and refer only to the samples as they were received at the laboratory. Unless otherwise requested, all samples will be discarded 14 days from the date of this report.

Please contact Amanda Frateschi at (877) 482-5227, if you would like any additional information regarding this report.

Thank you for using Galson Laboratories.

Sincerely,

Galson Laboratories

Mary G Unangst

Mary G. Unangst
Laboratory Director

Enclosure(s)

LABORATORY ANALYSIS REPORT

GALSON LABORATORIES
6601 Kirkville Road
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.galsonlabs.com

Client : Leader Professional Services, Inc.
Site : Buffalo PD-Precinct D
Project No. : IAQ Assessment

Date Sampled : 23-FEB-10
Date Received : 24-FEB-10
Date Analyzed : 25-FEB-10
Report ID : 637939

Account No.: 14935
Login No. : L209186
Incubation Temp : NA

Client ID : BREAK ROOM **Lab ID : L209186-2**
Analysis : Screen

Parameter	Level of contamination
Mycelial Fragments	Heavy
Acremonium-like	ND
Alternaria	Heavy
Ascospores	ND
Aspergillus/Penicillium-like	Light
Basidiospores	ND
Bipolaris/Drechslera	ND
Chaetomium	ND
Cladosporium	ND
Curvularia	ND
Epicoccum	ND
Fusarium	ND
Memnoniella	ND
Nigrospora	ND
Paecilomyces-like	ND
Pithomyces	ND
Rusts/Smuts	ND
Scopulariopsis	ND
Stachybotrys	ND
Torula	ND
Trichoderma-like	ND
Ulocladium	ND
Other/Unidentified	ND

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of Quantitation: 1 Spore
Analytical Method : GALSON IB-FUNGITAPE
Sampler : Tape

Submitted by: CDT
Approved by : RCF
Date: 25-FEB-10
QC by: Tom Burgess

< -Less Than > -Greater Than m3 -Cubic Meters NA -Not Applicable
cm2 -Square Centimeters CFU -Colony forming units g -Grams NS -Not Specified
ND -Not Detected

LABORATORY ANALYSIS REPORT

GALSON LABORATORIES
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.galsonlabs.com

Client : Leader Professional Services, Inc.
Site : Buffalo PD-Precinct D
Project No. : IAQ Assessment

Date Sampled : 23-FEB-10
Date Received : 24-FEB-10
Date Analyzed : 25-FEB-10
Report ID : 637939

Account No.: 14935
Login No. : L209186
Incubation Temp : NA

Client ID : MEN'S LOCKER ROOM **Lab ID : L209186-3**
Analysis : Screen

Parameter	Level of contamination
Mycelial Fragments	Light
Acremonium-like	ND
Alternaria	Light
Ascospores	ND
Aspergillus/Penicillium-like	ND
Basidiospores	ND
Bipolaris/Drechslera	ND
Chaetomium	ND
Cladosporium	Light
Curvularia	ND
Epicoccum	ND
Fusarium	ND
Memnoniella	ND
Nigrospora	ND
Paecilomyces-like	ND
Pithomyces	ND
Rusts/Smuts	ND
Scopulariopsis	ND
Stachybotrys	ND
Torula	ND
Trichoderma-like	ND
Ulocladium	ND
Other/Unidentified	ND

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of Quantitation: 1 Spore
Analytical Method : GALSON IB-FUNGITAPE
Sampler : Tape

Submitted by: CDT
Approved by : RCF
Date: 25-FEB-10
QC by: Tom Burgess

< -Less Than > -Greater Than m3 -Cubic Meters NA -Not Applicable
cm2 -Square Centimeters CFU -Colony forming units g -Grams NS -Not Specified
ND -Not Detected

LABORATORY FOOTNOTE REPORT

GALSON LABORATORIES

6601 Kirkville Road
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.galsonlabs.com

Client Name : Leader Professional Services, Inc.
Site : Buffalo PD-Precinct D
Project No. : IAQ Assessment

Date Sampled : 23-FEB-10
Date Received: 24-FEB-10
Date Analyzed: 25-FEB-10

Account No.: 14935
Login No. : L209186

Unless otherwise noted below, all quality control results associated with the samples were within established control limits.

Unrounded results are carried through the calculations that yield the final result and the final result is rounded to the number of significant figures appropriate to the accuracy of the analytical method. Please note that results appearing in the columns preceeding the final result column may have been rounded in order to fit the report format and therefore, if carried through the calculations, may not yield an identical final result to the one reported.

The stated LOQs for each analyte represent the demonstrated LOQ concentrations prior to correction for desorption efficiency (if applicable).

L209186 (Report ID: 637939):
SOPs: ib-fungitape(5)

< -Less Than	mg -Milligrams	m3 -Cubic Meters	kg -Kilograms
> -Greater Than	ug -Micrograms	l -Liters	NS -Not Specified
NA -Not Applicable	ND -Not Detected	ppm -Parts per Million	

GALSON LABORATORIES

6601 Kirkville Rd
East Syracuse, NY 13057
Tel: (315) 432-5227
888-432-LABS (5227)
Fax: (315) 437-0571
www.galsonlabs.com

☐ Check if change of address

New Client ? ☐ yes ☐ no

Report To : Leader Professional Services
2873 Wehrle Drive
Suite 2
Williamsville, NY 14221

Phone No. : 716 565-0963

Fax No. :

Invoice To :

Phone No. :

Fax No. :

RU 4

Site Name : Buffalo PD - Precinct D Project : IAQ Assessment Sampled By : Keith Keller

Need Results By:	(surcharge)
☐ 5 Business Days	0%
☐ 4 Business Days	35%
☐ 3 Business Days	50%
☐ 2 Business Days	75%
☒ Next Day by 6pm	100%
☐ Next Day by Noon	150%
☐ Same Day	200%

☐ **Samples submitted using the FreePumpLoan™ Program**

Client Account No. : 14935

Purchase Order No. :

Credit Card No. :

☐ **Samples submitted using the FreeSamplingBadges™ Program.**

Card Holder Name : Exp. :

Email / Fax Results To :

Email Address : Fax No. :

Sample Identification	Date Sampled	Collection Medium	*Air Volume (Liters)	Passive Monitors (Min)	Analysis Requested	Method Reference	Specific DL Needed
Women's Locker Room	2/23/10	Tape			Non viable fungi		
Break Room	↓	↓			↓		
Men's Locker Room	↓	↓			↓		

☐ Yes ☐ No **We normally add a laboratory blank for each analyte. We will charge you for this at our normal rate. If you agree please check "Yes" otherwise check "No".**

List description of industry or process / interference's present in sampling area :

Comments : * ID's on samples are "Main Desk area", Break Room/Kitchen (sf)

Chain of Custody	Print Name	Signature	Date/Time
Relinquished by :	Keith Keller	[signature]	2/23/10 @ 1415
Received by LAB :	M. Krause	M. Krause	2/24/10 @ 1045

Samples received after 3pm will be considered as next day's business *** sample collection time X LPM = Air Vol.** Page ___ of ___

GALSON LABORATORIES

6601 Kirkville Road
East Syracuse, NY 13057-0369
Phone: (888) 432-5227
Fax: (315) 437-0571
www.galsonlabs.com

Analytical Notes for Microbiology

Air-O-Cell™ Cassettes

Air-O-Cell™ cassettes and other spore traps may trap particles that can interfere with spore counts. Galson Laboratories provides an estimation of the density of these particles, referred to as a Crowding Factor. The Crowding Factor ranges from 0 to 4 and is explained below.

Crowding Factor	*Explanation*
0	No particles detected.
1	Particles are far apart and in low numbers; spore counts not affected.
2	Particles are close together and/or overlapping, occasionally obscuring spores; spore counts may be biased low.
3	Particles are crowded, frequently obscuring spores; spore counts are likely biased low.
4	Particles are overcrowded making analysis impossible; no spore counts provided. If certain spores are readily detectable, they are reported as "Detected".

Counts for any genus that exceed 300 spores are estimated to two significant figures.

Direct Microscopic Examination (Screens)

- Due to the inherent nature of screen samples, a spore count is not performed.
- Upon special request counts may be performed on swab, liquid, or bulk screens. Counts are never performed on tape lifts due to the nature of the samples to not have uniform distribution of spores.
- The amount of a particular spore detected is reported as a "Level of contamination": Light, Moderate, or Heavy.
- The level of contamination is a subjective measurement and corresponds to the general quantity of spores present in a sample. It also describes the amount of spores relative to one another.

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- Standard growing conditions for viable fungi are 25°C ± 1°C for 7 days.
- Standard growing conditions for viable thermophilic fungi are 37°C ± 1°C for 7 days.
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- Some fungi may not produce identifiable structures in culture or under standard growing conditions. These fungi will be considered sterile hyphae and reported as such.
- Lack of growth under standard conditions does not preclude the presence of fungi or its viability in a sample.
- Samples taken with impactor samplers are not corrected for a positive hole correction factor.
- Identification of fungal organisms is based on visual microscopic examination at up to seven days of growth under standard conditions. Due to the large numbers of different species that may comprise them, certain genera may appear similar due to variations in stages of their life cycles, growth requirements, and/or environmental stress. A very limited amount of identification overlap may occur due to morphological similarities.
- Final interpretation of results is up to the person(s) responsible for conducting the sampling.

Quality Assurance

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GALSON LABORATORIES

Ms. MaryEllen Holvey
Leader Professional Services, Inc.
271 Marsh Road
Suite 2
Pittsford, NY 14534

March 01, 2010

DOH ELAP# 11626 Account# 14935 Login# L209353

Dear Ms. Holvey:

Enclosed are the analytical results for the samples received by our laboratory on February 26, 2010. All test results meet the quality control requirements of AIHA and NELAC unless otherwise stated in this report. All samples on the chain of custody were received in good condition unless otherwise noted.

Results in this report are based on the sampling data provided by the client and refer only to the samples as they were received at the laboratory. Unless otherwise requested, all samples will be discarded 14 days from the date of this report.

Please contact Amanda Frateschi at (877) 482-5227, if you would like any additional information regarding this report.

Thank you for using Galson Laboratories.

Sincerely,

Galson Laboratories

Mary G Unangst

Mary G. Unangst
Laboratory Director

Enclosure(s)

LABORATORY ANALYSIS REPORT

GALSON LABORATORIES
6601 Kirkville Road
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.galsonlabs.com

Client : Leader Professional Services, Inc.
Site : Buffalo PD Police Precinct
Project No. : IAQ Assessment

Date Sampled : 23-FEB-10
Date Received : 26-FEB-10
Date Analyzed : 01-MAR-10
Report ID : 638206

Account No.: 14935
Login No. : L209353
Incubation Temp : NA

Client ID : WOMENS LOCKER ROOM **Lab ID : L209353-1**
Analysis : Screen

Parameter	Level of contamination
Mycelial Fragments	Heavy
Acremonium-like	ND
Alternaria	Light
Ascospores	ND
Aspergillus/Penicillium-like	Heavy
Basidiospores	ND
Bipolaris/Drechslera	ND
Chaetomium	ND
Cladosporium	ND
Curvularia	ND
Epicoccum	ND
Fusarium	ND
Memnoniella	ND
Nigrospora	ND
Paecilomyces-like	ND
Pithomyces	ND
Rusts/Smuts	ND
Scopulariopsis	ND
Stachybotrys	Heavy
Torula	ND
Trichoderma-like	ND
Ulocladium	ND
Other/Unidentified	Light

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of Quantitation: 1 Spore
Analytical Method : GALSON IB-FUNGITAPE
Sampler : Tape

Submitted by: CDT
Approved by : RCF
Date: 01-MAR-10
QC by: Tom Burgess

< -Less Than > -Greater Than m3 -Cubic Meters NA -Not Applicable
cm2 -Square Centimeters CFU -Colony forming units g -Grams NS -Not Specified
ND -Not Detected

LABORATORY FOOTNOTE REPORT

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Unless otherwise noted below, all quality control results associated with the samples were within established control limits.

Unrounded results are carried through the calculations that yield the final result and the final result is rounded to the number of significant figures appropriate to the accuracy of the analytical method. Please note that results appearing in the columns preceeding the final result column may have been rounded in order to fit the report format and therefore, if carried through the calculations, may not yield an identical final result to the one reported.

The stated LOQs for each analyte represent the demonstrated LOQ concentrations prior to correction for desorption efficiency (if applicable).

L209353 (Report ID: 638206):
SOPs: ib-fungitape(5)

< -Less Than	mg -Milligrams	m3 -Cubic Meters	kg -Kilograms
> -Greater Than	ug -Micrograms	l -Liters	NS -Not Specified
NA -Not Applicable	ND -Not Detected	ppm -Parts per Million	

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☐ Check if change of address

New Client ? ☐ yes ☐ no

Report To : Leader Professional Services Inc.
2893 Wehrle Drive
Suite 1
Williamsville, NY
Phone No. : 716 565-0963
Fax No. : 716 565-0964

Invoice To : same
Phone No. :
Fax No. :

RUB

Site Name : Buffalo PD Police Precinct Project : IAQ Assessment Sampled By : Keith Keller

Need Results By:	(surcharge)
☐ 5 Business Days	0%
☐ 4 Business Days	35%
☐ 3 Business Days	50%
☐ 2 Business Days	75%
☒ Next Day by 6pm	100%
☐ Next Day by Noon	150%
☐ Same Day	200%

☐ **Samples submitted using the FreePumpLoan™ Program**

Client Account No. : 14935
Purchase Order No. :
Credit Card No. :

☐ **Samples submitted using the FreeSamplingBadges™ Program.**

Card Holder Name : Exp. :

Email / Fax Results To :
Email Address : Fax No. :

Sample Identification	Date Sampled	Collection Medium	*Air Volume (Liters)	Passive Monitors (Min)	Analysis Requested	Method Reference	Specific DL Needed
Women's Locker Room	2/23/10	Tape			Non-viable Fungi		

☐ **Yes** ☐ **No** **We normally add a laboratory blank for each analyte. We will charge you for this at our normal rate. If you agree please check "Yes" otherwise check "No".**

List description of industry or process / interference's present in sampling area :

Comments :

Chain of Custody	Print Name	Signature	Date/Time
Relinquished by :	Keith Keller	Keith Keller	2/25/10 / 1330
Received by LAB :	[illegible]	[illegible]	2/26/10 959

Samples received after 3pm will be considered as next day's business *** sample collection time X LPM = Air Vol.**

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Analytical Notes for Microbiology

Air-O-Cell™ Cassettes

Air-O-Cell™ cassettes and other spore traps may trap particles that can interfere with spore counts. Galson Laboratories provides an estimation of the density of these particles, referred to as a Crowding Factor. The Crowding Factor ranges from 0 to 4 and is explained below.

Crowding Factor	*Explanation*
0	No particles detected.
1	Particles are far apart and in low numbers; spore counts not affected.
2	Particles are close together and/or overlapping, occasionally obscuring spores; spore counts may be biased low.
3	Particles are crowded, frequently obscuring spores; spore counts are likely biased low.
4	Particles are overcrowded making analysis impossible; no spore counts provided. If certain spores are readily detectable, they are reported as "Detected".

Counts for any genus that exceed 300 spores are estimated to two significant figures.

Direct Microscopic Examination (Screens)

- Due to the inherent nature of screen samples, a spore count is not performed.
- Upon special request counts may be performed on swab, liquid, or bulk screens. Counts are never performed on tape lifts due to the nature of the samples to not have uniform distribution of spores.
- The amount of a particular spore detected is reported as a "Level of contamination": Light, Moderate, or Heavy.
- The level of contamination is a subjective measurement and corresponds to the general quantity of spores present in a sample. It also describes the amount of spores relative to one another.

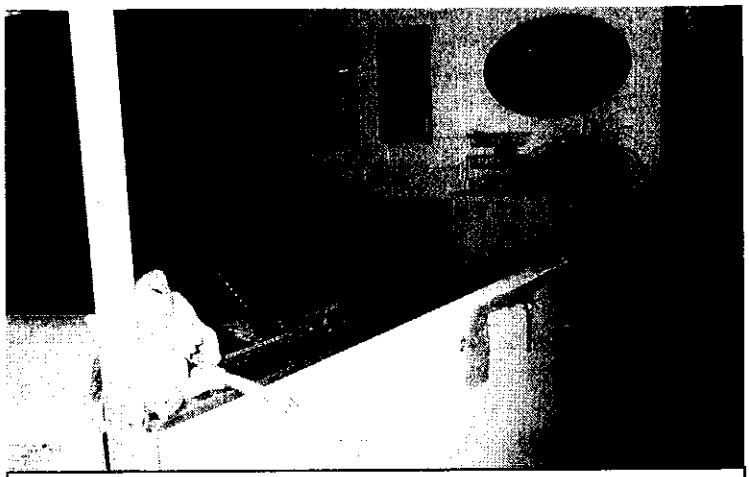
Viable Fungi Analysis

- Standard growing conditions for viable fungi are 25°C ± 1°C for 7 days.
- Standard growing conditions for viable thermophilic fungi are 37°C ± 1°C for 7 days.
- Results are reported in colony forming units (CFUs). A CFU can originate from one or many spores.
- Galson Laboratories uses and provides Potato Dextrose agar for all cultureable fungal methods. We have found Potato Dextrose agar to be suitable for the culture of the widest range of organisms. Other agars submitted or requested by clients are grown under the above standard conditions unless otherwise requested by the client.
- Some fungi may not produce identifiable structures in culture or under standard growing conditions. These fungi will be considered sterile hyphae and reported as such.
- Lack of growth under standard conditions does not preclude the presence of fungi or its viability in a sample.
- Samples taken with impactor samplers are not corrected for a positive hole correction factor.
- Identification of fungal organisms is based on visual microscopic examination at up to seven days of growth under standard conditions. Due to the large numbers of different species that may comprise them, certain genera may appear similar due to variations in stages of their life cycles, growth requirements, and/or environmental stress. A very limited amount of identification overlap may occur due to morphological similarities.
- Final interpretation of results is up to the person(s) responsible for conducting the sampling.

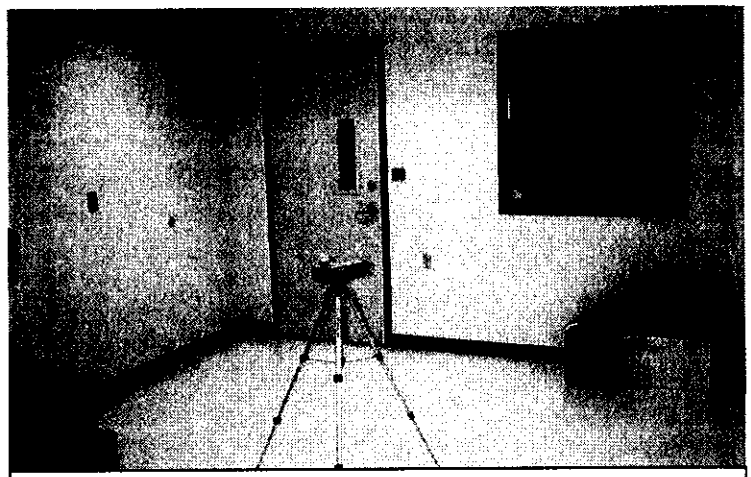
Quality Assurance

Galson Laboratories maintains quality assurance through the following steps. There is a daily QC program for all analysts. Samples are QC reviewed on a daily basis. A second analyst reexamines samples that have no observable spores. All reports are reviewed prior to release by the section supervisor as well as by the QA department. In addition, Galson Laboratories is AIHA accredited for fungal analysis (air culturable, bulk culturable, surface culturable, air direct exam, bulk direct exam, and surface direct exam).

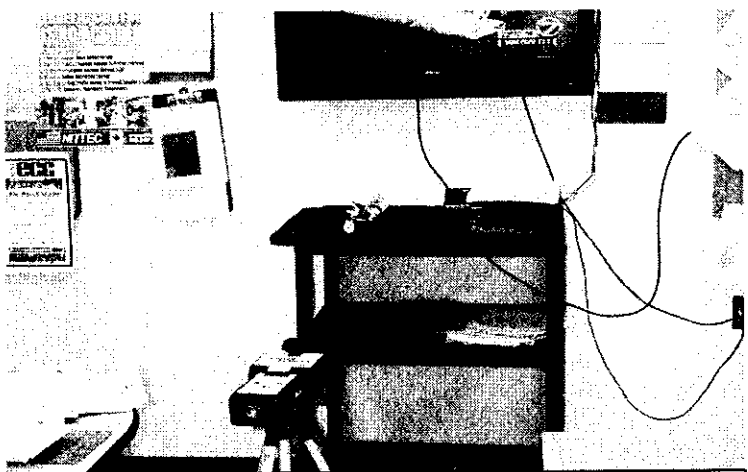
ATTACHMENT H
Photograph Log



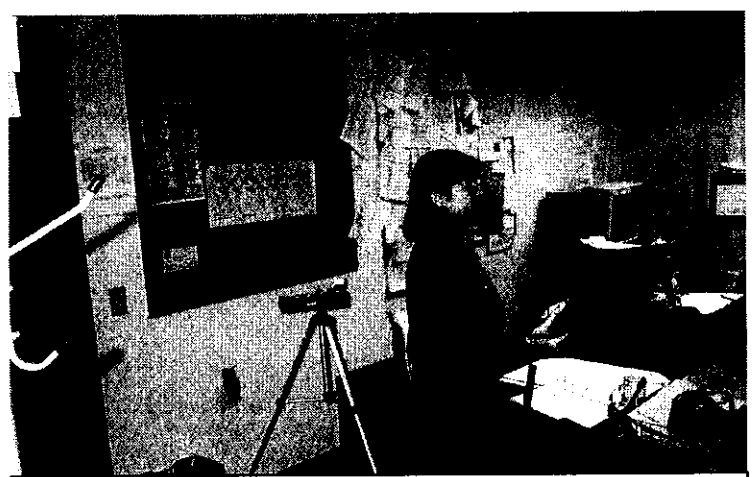
Photograph No. 1: Twenty-four hour comfort parameter sampler (foreground) and twenty-four hour VOC sampler (bottom of aquarium) in the Main Desk Area.



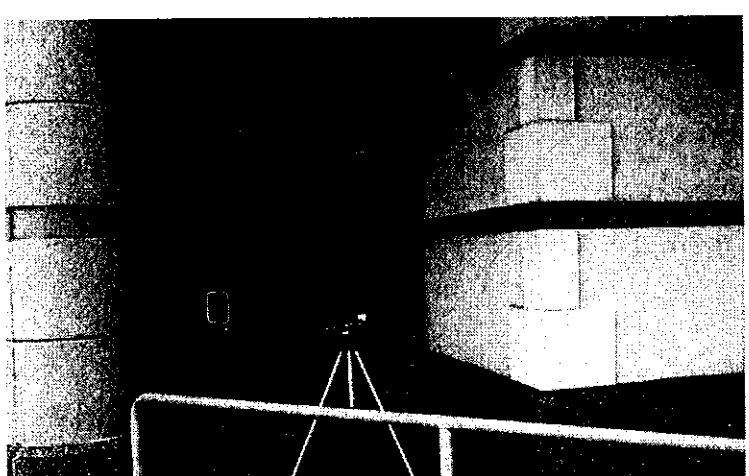
Photograph No. 2: Five minute fungi sampling in Juvenile Interrogation Room.



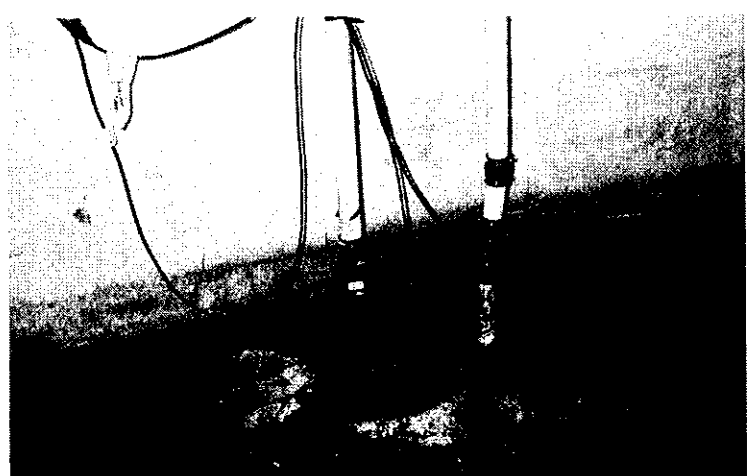
Photograph No. 3: Five Minute fungi sampling and twenty-four hour VOC sampling in Break Room.



Photograph No. 4: Five minute fungi sampling and ten second comfort parameter sampling in detective's office.



Photograph No. 5: Ten minute fungi sampling of outdoor ambient air.



Photograph No. 6: Sump in Basement Room – North with disconnected PVC inlet pipe.