VAPOR MONITORING REPORT - 1st QUARTER 2024

Performed at:
AMG Investment Group
11214 Pacific Avenue South
Tacoma, Washington 98444

AEROTECH
Environmental Consulting Inc.

April 22, 2024

Anchorage Seattle Portland

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VAPOR MONITORING REPORT
1st Quarter 2024

Subject Property:

AMG INVESTMENT GROUP, INC.
11214 Pacific Avenue South
Tacoma, Washington 98444
VCP Site No. SW 1404

Prepared by:
AEROTECH Environmental Consulting Inc.
14247 Ambaum Boulevard Southwest, Rear
Burien, Washington 98166
Toll Free: (866) 800-4030
Mobile: (206) 482 2287
www.AerotechEnvironmental.com

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VAPOR MONITORING REPORT
1st Quarter 20204

Client:	**AMG INVESTMENT GROUP, INC.** 7838 South Tacoma Way Tacoma, Washington 98409
Point of Contact:	Alex Moncada (253) 377-0100 / amgalvis2010@me.com
Property:	**AMG INVESTMENT GROUP, INC.** 11214 Pacific Avenue South Tacoma, Washington 98444
Voluntary Cleanup Program Site:	VCP Site No. SW 1404
County:	Pierce County Parcel: Nos.: 4525-00-0010 and 4525-00-0020
S.I.C. Code:	Not provided
Commercial Activity:	Retail Strip Center
Environmental Evaluators:	Alan T. Blotch
Project Number:	No. 240- 021
Report Date:	April 22, 2024

EXECUTIVE SUMMARY

The subject of this *Vapor Monitoring Report* ("VMR") is a rectangle-shaped approximately 0.68-acre Parcel of commercial land located in the west side of Pacific Avenue South (State Route 7) in unincorporated Pierce County with a City of Tacoma, Washington mailing address.

The Site is comprised of two commercial buildings sited on the east side of the Property facing Pacific Avenue South. The northern building is an approximately 2,352 square foot, single story, masonry structure that houses *La Popular Cash and Carry* grocery store.

Cleanup Action Plan – February 2018:

In February 2018, Aerotech submitted a *Cleanup Action Plan* to Ecology documenting the evaluation of the potential vapor intrusion pathway sourced from remaining soil above MTCA Method A Cleanup Levels. Evaluation of the vapor pathway was completed at the request of Ecology utilizing an agreed upon Site-specific exposure duration of 2 years. No contaminants of concern associated with a diesel source were detected above the adjusted Method B Air Cleanup Levels.

Therefore, based on the current and expected land use as well as removal of petroleum impacted soil to the extent practicable Model Remedy Three has been determined to be the most appropriate remedy option for the Site. Model Remedy Three requires three conditions to be met prior to a No Further Action determination by Ecology.

1. The soil action was implemented to the greatest degree practicable.
2. The site characterization confirms that no other pathway has or can be expected to be impacted.
3. An environmental covenant will be filed to ensure the remedy remains protective.

This report will be submitted to Ecology as part of the compliance monitoring required by the Environmental Covenant recorded with Pierce County.

The results of the March 2024 Vapor Sampling event confirm the soil vapor pathway continues to be protective of human health and the environment utilizing the modified exposure duration of 2 years agreed upon by Ecology. A subsequent sampling will need to occur in September 2025 to meet the requirements of Compliance Monitoring Program.

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PROJECT INVESTIGATION OVERVIEW

Mr. Alexander Moncada of AMG Investment Group, Inc., engaged Aerotech Environmental Consulting, Inc. ("Aerotech") to complete *Vapor Monitoring Report* at the subject Property located at 11214 Pacific Avenue South in Tacoma, Washington. Aerotech performed the work in compliance with the *Guidance for Evaluating Soil Vapor Intrusion in Washington State: Investigation and Remedial Action*, prepared by the State of Washington Department of Ecology, Toxics Cleanup Program, dated March 2022, Publication No. 09-09-047; and *Petroleum Vapor Intrusion ("PVI"): Updated Screening Levels, Cleanup Levels, and Sampling Considerations Implementation Memorandum No. 18*, dated January 10, 2018. Aerotech has included a *Cleanup Action Plan* as well to address remaining soil above MTCA Method A Cleanup Levels after incorporating Site conditions and existing building use with the Toxics Cleanup Program Site Manager, Tim Mullin.

SUBJECT PROPERTY SITE DESCRIPTION

Site and Vicinity Description

The subject of this *Vapor Intrusion Investigation & Cleanup Action Plan* is a rectangle-shaped approximately 0.68-acre Parcel of commercial land located in the west side of Pacific Avenue South (State Route 7) in unincorporated Pierce County with a City of Tacoma, Washington mailing address. The AMG Investments Group Property ("Site") consists of two contiguous parcels (Pierce County Parcels 4525-00-0010 and 4525-00-0020)

The Site is comprised of two commercial buildings on the east side of the Property facing Pacific Avenue South.

The northern building is an approximately 2,352 square foot, single story, masonry structure that houses *La Popular Cash and Carry* grocery store.

The subject Property was originally developed in 1950 with the construction of the north building. In 1952, the southern building was built. The residential units of the southern building were originally called the Brown Apartments. The commercial units of the building – primarily the northern building – have been occupied by barber shops, tattoo parlors, retail stores, repair businesses, and restaurants.

PREVIOUS SITE ACTIVITIES

An underground storage tank ("UST") was used for heating oil at the Site located in northwestern corner of the northern retail building. The UST was a steel tank with an estimated capacity of 500 gallons. It was abandoned at an unknown date and not in use prior to its removal.

A Site investigation and interim cleanup was conducted in 2013 to investigate the potential impact from the on-Site heating oil UST and from the former gasoline station located north of the AMG Property, and remove contaminated soil identified during the investigation.

Confirmation soil samples collected following the removal of the UST and contaminated soil

surrounding indicated that soil contamination extended laterally under the northern building and concrete vault, and vertically 17 feet below ground surface (bgs) in the vicinity of the soil boring labeled TP-8 . No groundwater was encountered during the investigation and soil excavation.

In a 2014 Further Action letter, Ecology required additional vertical delineation of soil contamination in the vicinity ofTP-8 and addressing any soil left behind underneath the property structures through a Disproportionate Cost Analysis and Feasibility Study (DCA/FS).

In July 2015, Ecology agreed to the proposal for the installation of a single soil boring in the vicinity of TP-8 with soil samples collected at 10-foot intervals to a maximum depth of 40 feet bgs. If no groundwater was encountered to 40 feet bgs and soil samples were below applicable MTCA cleanup levels, Ecology would not require further characterization and cleanup at the Site.

Aerotech completed soil boring B-Ecy in August 2015. Groundwater was not encountered at depths up to 41 feet bgs and soil samples indicated diesel-range hydrocarbons (TPH-Dx) below laboratory detection levels at 20, 25, 30, and 40 feet bgs.

On May 2, 2016 Ecology issued an Opinion on the Proposed Cleanup of the Site stating that Ecology has concluded that, upon completion of your proposed cleanup, no further remedial action will likely be necessary to clean up contamination at the Site.

In November 2016, a new VCP Site Manager, Tim Mullin inquired about the status of the Site and informed Aerotech and Mr. Moncada because there were concentrations of TPH-Dx above 10,000 mg/kg in soil to remain in place, an evaluation of the potential vapor pathway was required to achieve the final no further action determination.

VAPOR INTRUSION INVESTIGATION VISUAL AND PHYSICAL OBSERVATIONS AND INFORMATION: ADJACENT AND ADJOINING PROPERTIES

For the Scope of this Investigation, properties are defined and categorized based upon their physical proximity to the subject Property. An *adjacent* property is any real property located within 0.25 mile of the subject Property's border. An *adjoining* property is any real property whose border is contiguous or partially contiguous with the subject Property, or that would be if the properties were not separated by a roadway, street, public thoroughfare, river, or stream.

Adjacent Properties Overview:

The Property is located in a commercial retail area. To the north is an AutoZone store; to the south is a parking lot followed by Suburban Realty; to the east is Pacific Avenue South; and to the west is a vacant lot followed by residential properties.

POTENTIAL ON-SITE CONTAMINATION SOURCES

Current Business Operations:

The subject Site is occupied by retail stores and offices.

Potential On Site Contaminants of Concern:

Common household cleaners, solvents, paints, and adhesives can contribute to background air Volatile Organic Compound ("VOC") contamination. As such, the State of Washington Department of Ecology *[Review Draft] Guidance for Evaluating Soil Vapor Intrusion in Washington State: Investigation and Remedial Action*[1] ("WDOE VI Guidance") states:

> "Ecology recommends removing, isolating, or controlling indoor volatile hazardous substances as must as possible prior to and during indoor air sampling. If the sources are portable, removing them is usually the most effective means of keeping their emissions from adding to the indoor air measurement. Once indoor air VOC emitters are removed, the area should be well-ventilated before sampling begins. Failure to identify and then remove or isolate indoor VOC emitters can lead to false indications of VI impact."[2]

Prior to the start of sampling, an inspection was completed throughout the building interior. Only typical cleaning chemicals in consumer packaging were observed – stored in the back room.

POTENTIAL OFF-SITE CONTAMINATION: SOURCES AND RECEPTORS

> An *adjacent property* is defined as any real property located within 0.25 mile of the subject Property's border. An *adjoining property* is defined as any real property whose border is contiguous or partially contiguous with the subject Property, or that would be if the properties were not separated by a roadway, street, public thoroughfare, river, or stream.

Potential Adjacent and Adjoining Property Contamination Sources:

Adjoining the Property to the east is State Route 7 (Pacific Avenue South) a heavily traveled north - south thoroughfare. The heavy vehicle traffic volume on the roadways presented a source of petroleum hydrocarbons.

FIELD SAMPLING ACTIVITIES

The field air sampling activities were performed by Aerotech Environmental Consulting, Inc., personnel Alan T. Blotch.

The field air sampling activities were initiated at approximately 11:30 am on March 24, 2024 and completed that same afternoon at 19:30 pm.

[1] Publication No. 09-09-047, dated October 2009.

[2] Refer to WDOE Draft VI Guidance, § 3-19.

Summa Canister Sampling Methodology:

The air samples were collected employing Summa Canisters. A Summa Canister is a stainless-steel vessel in which the internal surfaces have been specially passivated using the "Summa process." This process uses an electro-polishing step followed by a chemical deactivation to produce a surface that is very chemically inert. A canister will hold a high vacuum (>28" hg) for up to thirty days. After this, low level concentrations of Volatile Organic Compounds ("VOC") may appear as contaminants. As a result, and Summa Canisters are cleaned and evacuated under laboratory conditions, and then certified using U.S. Environmental Protection Agency protocol immediately prior to shipment.

Summa Canisters are available in sizes from 400 milliliter to 6-liters in volume. The State of Washington Department of Ecology *[Review Draft] Guidance for Evaluating Soil Vapor Intrusion in Washington State: Investigation and Remedial Action* [3] ("WDOE Draft VI Guidance") recommends the use of 6-liter Summa Canisters for both residential and commercial vapor intrusion sample collection.

The Summa Canisters used for the Site work were a passivated canister. The passivated canisters contain an internal coating of glass and other inerting agents that are only several molecules in thickness. The coating is bound to the metal and is not subject to breakage or chipping with rough handling. This coating increases the inertness of the canisters allowing better detection of difficult compounds. Non-passivated canisters do not have this coating on the inside.

The Summa Canister is a vacuum canister. In order to control the rate of air flow into the canister, a regulator is attached to the top of the canister. Regulators can control the flow rate from 5 minutes to 24 hours. The flow rate of the regulator is calibrated under laboratory prior to shipment into the end user. The *WDOE Draft VI Guidance* recommends a 24-hour regulator flow rate for residential applications and an 8-hour flow rate for commercial applications. Once the sample is collected, the holding time for a Summa Canister at ambient air temperature is 14 days (employing the TO-15 methodology). As such, the flow rate for this Investigation was 8-hours.

Recommended Sampling Locations:

The objective of the sampling is to measure the reasonable worst case ("upper boundary") Type IV Conditions, indoor air impacts and receptor exposure. As such, the sampling should be conducted at the lowest *occupied* level of the building. The *WDOE Draft VI Guidance* has defined "occupiable" as regularly occupied living spaces such as bedrooms, dining rooms, living rooms, family rooms, and kitchens. The *WDOE Guidance* further states that "[s]ampling shouldn't be conducted in spaces not normally occupied for lengthy periods of time such as closets or furnace rooms."

Effects of Building Depressurization:

[3] Publication No. 09-09-047, dated October 2009.

Relative to the accurate measurements of indoor contaminants, a depressurized building refers to a lower indoor pressure relative to outdoor and subsurface pressures. This often occurs during the winter heating season when air temperature indoors is significantly higher than outdoor temperature and ventilating the interior space with outdoor air is minimized. It can also occur during periods of falling barometric pressure when indoor and outdoor pressures are less than subsurface pressure. Other conditions may also favor vapor intrusion, such as frozen or wet ground conditions, if soil gas contaminants preferentially migrate to the area underneath buildings.

Periods when the building is *depressurized* are considered reasonable worst case VI conditions, and can result in false indications of Vapor Intrusion impact.

Sampling Locations and Protocol:

The subject building was not depressurized at the time of sampling. Two Summa Canisters were employed to characterize the building conditions inside and one Summa Canister was placed outside to establish background ambient air conditions. A previous location sampled was no longer accessible noted in the 2018 Vapor event at Crawl Space East. The homeless and vagrant population in the area has been a problem for the property owner and as a result the crawlspace in that area is now blocked off preventing access. As a replacement sample an interior air sample was collected in the storage room above the crawl space.

Cannister *Exterior*	Exterior	Northwest side of building
Cannister *Interior*	Interior of crawl space	East end
Cannister *Interior*	Interior of storage room	West end

All three Canisters had an initial vacuum of no less than -30.0" Hg. Each sampling period was terminated in under eight hours. All three Canisters had an ending vacuum.

Summa Canister Configuration

Sample Location:	*Sample No:*	*Canister Serial No:*	*Regulator Serial No:*
Interior	2403415-001	10942	FR8-39
Exterior	2403415-002	34758	FR8-35
Crawl Space	2403415-003	17242	FR8-36

Summa Canister Collection and Run Time

Sample No:	Start Time:	Interim Time:	End Time:	Vacuum:	End Vacuum:
Exterior	12:04			-30.00" Hg	
		13:29		-26" Hg	
		16:24		-15.5" Hg	
			19:08		-4" Hg
				Lab receipt:	-4" Hg

Sample No:	Start Time:	Interim Time:	End Time:	Vacuum:	End Vacuum:
Crawl Space	12:19			-31.00: Hg	
		13:30		-27" Hg	
		16:26		-15" Hg	
			19:11		-4" Hg
				Lab Receipt	-4" Hg

Sample No:	Start Time:	Interim Time:	End Time:	Vacuum:	End Vacuum:
Interior	11:58			-29.00" Hg	
		13:27		-25" Hg	
		16:22		-14" Hg	
			19:04		-4" Hg
				Lab receipt:	-4" Hg

AIRBORNE CONTAMINANTS REGULATORY LEVELS

State of Washington Regulatory Levels - Employee Exposures:

All employers in the State of Washington have an affirmative duty "to provide a safe and healthy workplace free from recognized hazards[4]." Moreover, a "hazard is recognized if it is commonly known in the employer's industry, or if there is evidence that the employer knew or should have of the existence of the hazard, or if it can be established that any reasonable person would have recognized the hazard[5]." In the event that chemical or airborne hazards are present, the employer must "control chemical agents in a manner that they will not present a hazard to your workers; or protect workers from the hazard of contact with, or exposure to,, chemical agents[6]."

A chemical is a hazard if the airborne concentrations exceed the Permissible Exposure Limits for Airborne Contaminants (as delineated in "Table 3"). An employer must "use feasible exposure controls to reduce employee exposure to one of the following: a level below the permissible exposure limits (PEL) in Table 3...[7]"

State of Washington Regulatory Levels - Subsurface Media Cleanup:

The regulatory requirements for establishing subsurface media cleanup standards protective of the vapor intrusion pathway are contained in the State of Washington Administrative Code ("WAC") Section 173-340. Requirements for Method B and C groundwater and soil cleanup levels are currently described in WAC § 173-340-720 and § 173-340-740 and -745 respectively. Additionally, Method A Cleanup Standards must adhere to the requirements of WAC § 173-340-704.

For the Vapor Intrusion ("VI") exposure pathway, acceptable indoor air quality for the purposes of WAC § 173-340 is defined as those indoor air concentrations resulting only from Vapor Intrusion which do not exceed Method B or industrial[8] air cleanup levels. As such, the Washington

[4] State of Washington Administrative Code, WAC § 296-800-110, effective September 2012.

[5] WAC § 296-800-11005.

[6] WAC § 296-800-11040.

[7] WAC § 296-841-20010.

[8] Industrial properties "means properties that are or have been characterized by, or are to be committed to, traditional industrial uses, such as processing or manufacturing of materials, marine terminal and transportation areas and facilities, fabrication, assembly, treatment, or distribution of manufactured products, or storage of bulk materials, that are either [1] Zoned for industrial use by a city or county...; or [2] For counties not planning under chapter 36.70A RCW (Growth Management Act) and the cities within them, zoned for industrial use and adjacent to properties currently used or designated for industrial purposes. See WAC 173-340-745 for additional criteria..." (WAC § 173-340-200).

"Industrial soil cleanup levels are based on an adult worker exposure scenario. It is essential to

Department of Ecology describes the process as follows:

> "To calculate VI-protective concentrations, investigators must identify target indoor air concentrations the subsurface source should be cleaned-up to protect. The MTCA regulations at WAC 173-340-750 provide Method B *unrestricted* (residential) air cleanup levels and Method C industrial air cleanup levels. While Method B can be thought of as the default method for calculating acceptable indoor air levels, industrial air cleanup levels are applicable when the building of concern is located on 'industrial' property (per WAC 173-340-200 and -745) and receptors are industrial workers. In either case, Ecology's concern with indoor air quality in the context of vapor intrusion focuses exclusively on the contaminant concentrations in indoor air coming from a subsurface source."[9]

When Site shallow groundwater VOC concentrations exceed generic groundwater screening levels and investigators are attempting to determine the extent to which concentrations should be reduced to protect current and future indoor air quality, there are two primarily two options: (a) use the groundwater screening levels themselves, or (b) calculate site-specific groundwater screening levels using the Johnson and Ettinger Vapor Intrusion Model[10] ("JEM").

evaluate land uses and zoning for compliance with this definition in the context of this exposure scenario. Local governments use a variety of zoning categories for industrial land uses so a property does not necessarily have to be in a zone called 'industrial' to meet the definition of 'industrial property. ... When evaluating land uses to determine if a property use not specifically listed in the definition is a 'traditional industrial use' or to determine if a property is 'zoned for industrial use,' the following characteristics shall be considered: ... (B) Access to industrial property by the general public is generally not allowed. If access is allowed, it is highly limited and controlled due to safety or security concerns..." (WAC § 173-340-745(1)(a)(i).

[9] *[Draft] Guidance for Evaluating Soil Vapor Intrusion in Washington State: Investigation and Remedial Action*, Department of Ecology, Review Draft Publication No. 09-09-047, dated October 2009, Section 6-2.

[10] "The JEM assumes that soils in the vadose zone are relatively homogeneous and isotropic [exhibiting the same or similar properties], though horizontal layers or consistent soil types can be accommodated (with advanced versions of the spreadsheet model). Both diffusive and convective transport processes are assumed to be at steady state. Neither sorption nor biodegradation are accounted for in the transport of VOC vapor molecules." *Guidance for Evaluating...*, Appendix page 23.

LABORATORY ANALYTICAL PROCEDURES

Laboratory Analytical Protocol:

Air vapors were originally collected employing Tedlar bags or adsorptive tubes which were then sampled. Summa Canisters are now the sample collected media recommended by federal and state agencies.

Over the past 20 years, the U.S. Environmental Protection Agency authored a series of "Toxic Organic Compound" laboratory analytical methodologies for ambient air commonly referred to as the "TO' methods. The newest method is referred to as "TO-15" which employs the Summa Canister as the collection technology[11]. Under this method, the laboratory GC/M analytical equipment is capable of detecting parts per trillion of certain volatile organic compounds. The GC/MS instrument also makes it possible to measure "unknown compounds" and make tentative identifications.

Since methylene chloride and acetone are commonly used laboratory solvents and processing agents, the presence of such chemicals in the same results should always be assessed for the possibility of such chemical is not present in the sample; but rather, is a laboratory contaminant.

Laboratory Analytical Results Quantifiers - General Definitions:

The TO-15 analytical methodology can -- under ideal circumstances -- determine the presence of airborne contaminants to parts per trillion. As a result, in the attempt to obtain such sensitive readings, the laboratory analytical report may attach qualifiers to any one particular data results. Such commonly used qualifiers included:

MDL / Method Detection Limit -- the minimum amount of a substance that can be measured with 99% confidence that the result is greater than zero.

EQL / Estimated Quantitation Limit -- the lowest concentration that can be reliably measures within specified limits of precision and accuracy under normal routine conditions. Nominally five to ten times the MDL. Same as PQL and SQL.

PQL / Practical Quantitation Limit -- the lowest concentration that can be reliably measures within specified limits of precision and accuracy under normal routine conditions. Nominally five to ten times the MDL. Same as EQL and SQL.

SQL / Sample Quantitation Limit -- the minimum amount of a substance that can be measured with 99% confidence that the result is greater than zero. Same as EQL and PQL.

[11] See, *Determination of Volatile Organic Compounds (VOCs) is Air Collected in Specially-Prepared Canisters and Analyzed by Gas Chromatography / Mass Spectrometry (GC/MS)*, U.S. EPA Compendium Method TO-15, Second Edition, dated January, 1999.

"J" Flag -- when the result is above the MDL but less thank the EQL/PQL/SQL, the laboratory result should be given a "J" Flag to indicate lack of precision. This indicates that the compound was detected in the sample, and can be quantified, but not within the limits of accuracy described in the *Guidance for Data Usability in Risk Assessment, Part A*, published by the U.S. Environmental Protection Agency, Publication No. 9285.7-09A, dated April 1992.

Laboratory Analytical Results Quantifiers - U.S. Environmental Protection Agency Definitions:

The following is a list of the U.S. Environmental Protection Agency ("USEPA") Data Qualifiers by category. The laboratory analytical definition of any "flag" must be explicit, and not contradict the qualifiers listed below, and may be included in the narrative that the laboratory supplied with the analytical results. This information is contained in the USEPA Contract Laboratory Program ("CLP"):

ORGANIC COMPOUNDS	
"B" flag	This flag is used when the analyte is found in the associated method blank as well as in the sample. It indicates probable blank contamination and warns the data user to take appropriate action. This flag shall also be used for a Tentatively Identified Compound as well as for a positively identified target compound.
"C" flag	This flag applies to pesticide and Aroclor results when the identification has been confirmed by GC/MS. If GC/MS confirmation was attempted but was unsuccessful, do not apply this flag; use a laboratory-defined flag instead (see the X qualifier).
"D" flag	If a sample or extract is reanalyzed at a DF greater than 1 (e.g., when the response of an analyte exceeds the response of the highest standard in the initial calibration), the DL suffix is appended to the Sample Number on Form I for the more diluted sample, and all reported concentrations on that Form I are flagged with the "D" flag. This flag alerts data users that any discrepancies between the reported concentrations may be due to dilution of the sample or extract.
"E" flag	This flag identifies compounds whose response exceed the response of the highest standard in the initial calibration range of the instrument for that specific analysis. If one or more compounds have a response greater than the response of the highest standard in the initial calibration, the sample or extract shall be diluted and reanalyzed according to the specifications in Exhibit D. Exceptions are also noted in Exhibit D. All such compounds with responses greater than the response of the highest standard in the initial calibration shall have the result flagged with an "E" on Form I for the original analysis. The results of both analyses shall be reported on separate copies of Form I. The Form I for the diluted samples shall have "DL" suffix appended to the Sample Number.

ORGANIC COMPOUNDS	
"J" flag	This flag indicates an estimated value. This flag is used when: (1) estimating a concentration for Tentatively Identified Compounds where a 1:1 response is assumed; (2) the mass spectral and Retention Time data indicate the presence of a compound that meets the volatile and semivolatile GC/MS identification criteria, and the result is less that the adjusted RQL but greater than zero; (3) the Retention Time data indicate the presence of a compound meets the pesticide and/or Aroclor identification criteria, and the result is less than the adjusted Required Quantitation Limit. (For example, if the sample's adjusted Required Quantitation Limit is 5.0 ug/L, but a concentration of 3.0 ug/L is calculated, it is reported at 3.0 ug/L.
"N" flag	This flag indicates the presumptive evidence of a compound. This flag is only used for Tentatively Identified Compounds ("TIC"), where the identification is based on a mass spectral library search and must be used in combination with the J flag. It is applied to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, or for an "unknown" (no matches at 85%), the "N" flag is not used.
"P" flag	This flag is used for pesticides and Aroclor target compounds when there is greater than 25% difference for detected concentrations between the two GC columns (see Fox X). The lower of the two values is reported on Form I and flagged with a "P". The "P" flag is not used unless a compound is identified on both columns.
"U' flag	This flag indicates the compound was analyzed for but not detected

Additional Abbreviations

DL:	Dilution
GC/MS:	Gas chromatograph / mass spectrometer
MDL:	Method Detection Limit
RQL:	Required Quantitation Limit
RT:	Retention Time
TIC:	Tentatively Identified Compound

LABORATORY ANALYTICAL RESULTS

The objective of this Vapor Intrusion Monitoring Investigation was two-fold: (1) to determine the suitability of business occupancy of the subject Property by employees; and (2) to perform a Vapor Intrusion Screening employing the *[Draft] Guidance for Evaluating Soil Vapor Intrusion in Washington State: Investigation and Remediation*.

Property Suitability for Business Occupancy:

In order to determine the suitability for business occupancy, the laboratory analytical results were compared to the State of Washington Health and Safety Core Rules as delineated in the Washington Administrative Code ("WAC") §296-841-200, Table 3, *Permissible Exposure Limits (PELs) for Airborne Contaminants*.

None of the identified airborne substances were above the State of Washington Permissible Exposure Limits for Airborne Contaminants for employees. Based upon the assumed future occupancy, no further investigation is indicated relative to the current identified airborne substances.

Method B Exposure Calculations for Non-Residential Occupancy:

The Draft Guidance for Evaluating Soil Vapor Intrusion in Washington State: Investigation and Remediation (§ 6.6.2) allows for the modification of the Method B Exposure Values for "non-residential, non-industrial buildings." This Section states:

> "Where the building of concern is being used commercially (but not located on an industrial property), and the most highly exposed receptors are workers, the Method B exposure assumptions in WAC 173-340-750 Equations 750-1 and 750-2 are likely to be overly conservative. Average body weight, for example, in Equation 750-1 is 16 kg (representing a child), whereas the receptor on concern at most commercial properties will be adults with an average weight closer to 70 kg. In Addition, the amount of time exposed will often be less than default values: most receptors in commercial buildings will not be exposed to contaminated indoor air 24 hours per day, seven days a week, all year long. Therefore, while subsurface source concentrations must eventually be remediated to cleanup levels derived from Method B air cleanup levels to free the property of future development restrictions, current receptors can be considered protected if indoor air concentrations are somewhat higher than Method B air cleanup levels."

As such, the guidance allows for modifications for exposure times for commercial verses a residential receptor. The current use of the property is that of a specialty grocery store. The cashier station is approximately 35-40 feet east from the crawl space and storage room above it. Aerotech confirmed with the site owner the storage room is utilized for approximately one hour per week to store and restock canned goods for the grocery aisles. This is because the amount of space in the storage room is limited as is the space in the store aisle since this a neighborhood specialty store.

When a conservative exposure of two hours per week is utilized for the Site-Specific conditions, the change from the default value of 30 to the Exposure Duration (ED) is significant, as factor of 15 difference.

Upon discussion and agreement with Ecology VCP Site Manager Tim Mullin, the variable representing exposure duration has been modified to reflect the on-Site conditions.

Vapor Intrusion Screening for Evaluation:

The summary of vapor sample results were completed for Vapor Intrusion Screening employing the *Guidance for Evaluating Soil Vapor Intrusion in Washington State: Investigation and Remediation,* employing *Petroleum Vapor Intrusion: Updated Screening Levels, Cleanup Levels and Sampling Considerations*, Implementation Memorandum No. 18.

■ Contaminants of Concern detected in the background exterior sample located on the northwest exterior of the Site are attributed automotive exhaust due to proximity to Pacific Avenue, a busy throughfare in South Tacoma. The interior sample collected in the storage room and the crawl space sample did not contain concentrations of COC's above their respective calculated Indoor Air Cleanup Level for adjusted for commercial exposure time.

* * * * *

STATEMENT OF WASHINGTON LICENSED PROFESSIONAL

The following ASTM E1903-19 Standard Practice definitions as quoted below is the Practice "...intended to meet the business community's need for a written, practical reference describing a scientifically sound approach to investigating a property to evaluate the presence of a substance or likely presence of a substance." (ASTM E1903-19 § 4.1.2)

"**Elimination of Uncertainty** – No Phase II ESA [Environmental Site Assessment} can eliminate all uncertainty. Furthermore, any sample, either surface or subsurface, taken for chemical testing may or may not be representative of a larger population. Professional judgment and interpretation are inherent in the process, and even when exercised in accordance with objective scientific principles, uncertainty is inevitable." (ASTM E1903-19 § 4.1.2)

"**Failure to Detect** – Even when Phase II work is executed competently and in accordance with this practice, it must be recognized that certain conditions present especially difficult target analyte detection problems. Such conditions may include, but are not limited to, complex geological settings, unusual or generally poorly understood behavior and fate characteristics of certain substances, complex discontinuous, random, dynamic, or spotty distributions of existing target analytes, physical impediments to investigation imposed by the location of utilities and other man-made objects, and the inherent limitations of assessment technologies." (ASTM E1903-19 § 4.2.1.2)

"**Level of Assessment** – Phase II ESAs do not generally require an exhaustive assessment of the environmental conditions of a property. There is a point at which the cost of information obtained and the time required to obtain it outweigh the benefit of the information and, in the context of private transactions and contractual responsibilities, may become a material detriment to the orderly conduct of business. If the presence of target analytes is confirmed on a property, the extent of further assessment is a function of the degree of confidence required and the degree of uncertainty acceptable, in relation to the objectives of the assessment." (ASTM E1903-19 § 4.2.2)

I have reviewed this Limited Phase II Targeted Subsurface Investigation and in my professional opinion the observations, results, conclusions, and recommendations are reasonable and prudent.

Signature of Licensed Washington Geologist:

Signature – Justin Francis Foslien (License No. 2540)

REFERENCES AND CITATIONS

Guidance for Evaluating Soil Vapor Intrusion in Washington State: Investigation and Remedial Action, prepared by the State of Washington Department of Ecology, Toxics Cleanup Program, dated March 2022, Publication No. 09-09-047.

Environmental Consulting Inc., Phase I Environmental Site Assessment, AMG Investment Group, Inc., 11214-11230 Pacific Avenue South, Parkland, WA 98444, September 11, 2013.

Aerotech Environmental Consulting, Inc ("Aerotech") Phase II Subsurface Investigation, AMG investments Group, Inc., 11214-11230 Pacific Avenue South, Parkland, WA 98444, October 14, 2013.

Aerotech, Revised Site Observation and Confirmatory Sampling Report, May 21, 2014.

TERMS AND DEFINITIONS

Description of Terms Specific to this Report

adjacent property..... any real property located within 0.25 mile of the subject Property's border.

adjoining property..... any real property whose border is contiguous or partially contiguous with the subject Property, or it would be if the Properties were not separated by a roadway, street, public thoroughfare, river, or stream.

ASTM..... formerly the American Society for Testing and Materials.

ASTM Phase I Environmental Site Assessment..... the process described in the ASTM practice E 1527, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. The process by which a person or entity seeks to determine if a particular parcel of property including improvements is subject to recognized environmental conditions. The process does not purport to address all of the safety, environmental concerns, and regulatory compliance applicability associated with its use.

dwelling..... any structure all or part of which is designed or used for human habitation, ie.; a place of residence or abode.

field screen questionnaire..... the environmental questionnaire normally completed by the key site manager, that asks the respondent to answer all questions to the best of their actual knowledge and good faith. The answers provide further details on the appropriateness of the investigation and areas of potential environmental concern.

Key Site Manager..... a person identified by the owner of the Property as having the best reliable knowledge of the previous uses, current conditions, and physical characteristics of the Property, and in a position to provide reasonably accurate information for the Field Screen Questionnaire.

obvious..... that which is plain or evident; a condition or fact that could not be ignored or overlooked by a reasonable observer while visually or physically observing the property.

recognized environmental condition(s)..... the presence or likely presence of hazardous substances or petroleum products on the Property under conditions that indicate as existing release, a past release, or a material threat of a release of those same substances into structures on the Property or into the ground, groundwater, or surface water of the Property. The term does not include *de minimis* conditions or those that would not be subject to an enforcement action if brought to the attention of an appropriate governmental agency.

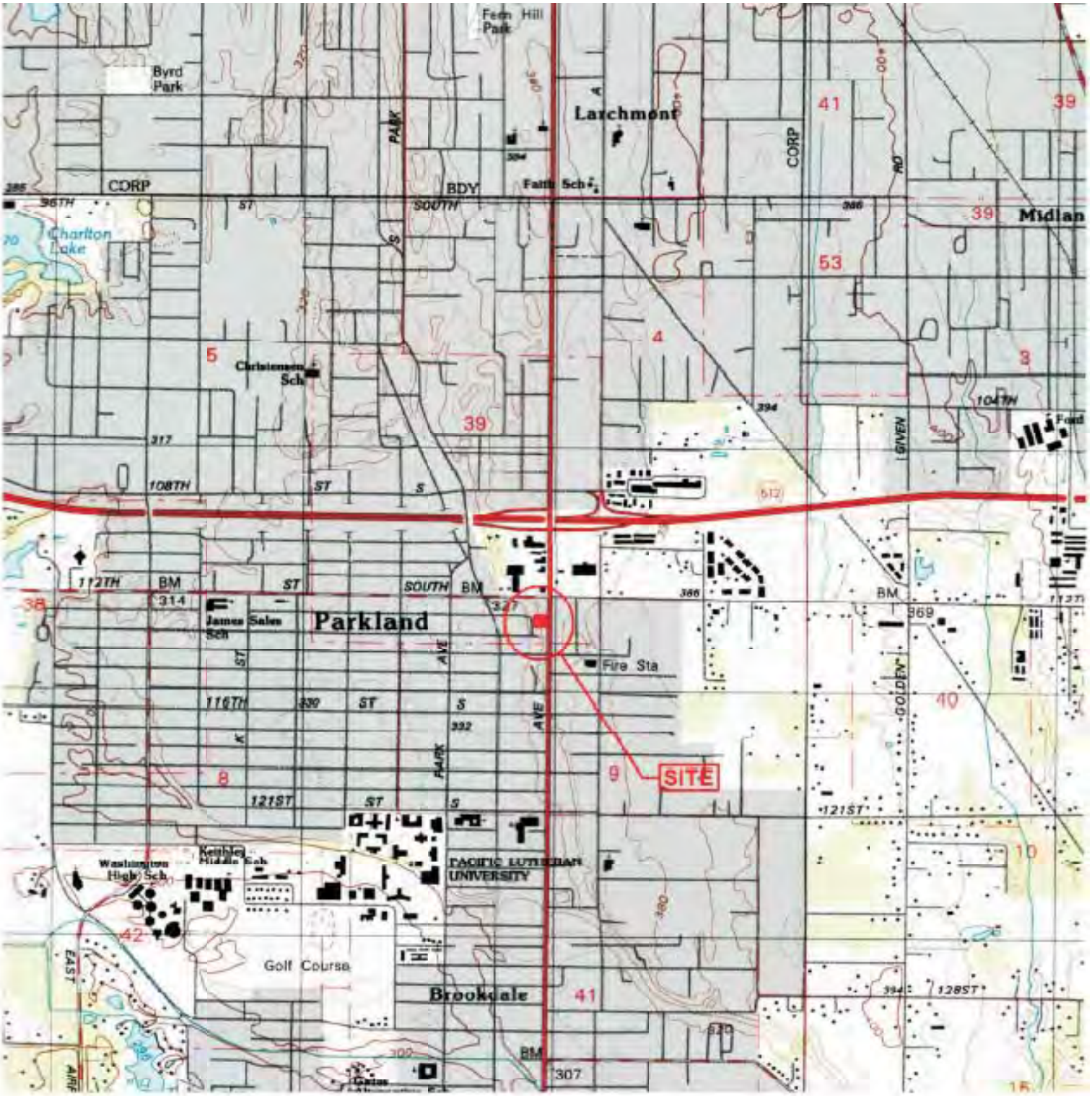
residential building..... any room, group of rooms, or other interior areas of a structure designed or used for human habitation; common areas accessible by inhabitants; and the surrounding property or structures.

Transaction Screen Site Assessment..... the process described in the ASTM E 1528-14 standard, *Standard Practice for Environmental Site Assessments: Transaction Screen Process*.

APPENDIX

- Tables & Figures
- Site Photos
- Supplemental Documents
- Laboratory Analytical Results
- Chain of Custody

■ Tables & Figures



AEROTECH ENVIRONMENTAL CONSULTING

SITE LOCATION & USGS TOPOGRAPHIC MAP

AMG Investment Group LLC
11214 Pacific Avenue South
Tacoma, Washington

Date: 1/15/18
By: Justin Foslien
Figure: 1

EXPLANATION

Green symbols indicate petroleum hydrocarbon concentrations below the MTCA Method A Cleanup Levels in soil

Red symbols indicate petroleum hydrocarbon concentrations above the MTCA Method A Cleanup Levels in soil

B-ECY — Soil Boring Location

TP14 — Soil Sample Location

Crawl Space West — Air Sample

Roof Extraction Vent Fan

Ceiling Vents Pushing Air Out

Window Air Conditioning Unit

Swinging Doors Front & Side Entry

Cash Register

AEROTECH ENVIRONMENTAL CONSULTING

SITE PLAN

AMG Investment Group, LLC
11214 Pacific Avenue South
Tacoma, Washington

0 15 30
SCALE (feet)

Date: 12/29/17
By: Justin Foslien
Figure: 2

TABLE 1
VAPOR ANALYTICAL RESULTS

AMG Investment Group LLC
11214 Pacific Avenue South
Tacoma, Washington

Aerotech - Vapor Intrusion Investigation & Cleanup Action Plan - February 16, 2018

Sample ID	Sampling Date	C5-C12	C5-C8 Aliphatics	C9-C12 Aliphatics	C9-C10 Aromatics	Benzene	Toluene	Ethyl-benzene	o-Xylene	m,p-Xylene	naphthalene
		ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3
Exterior	09/06/17	<100	<100	<100	<100	**1.8**	**3.8**	**0.62**	**0.75**	**1.9**	<0.53
Crawl Space East	09/06/17	<100	<100	<100	<100	**2.0**	**5.3**	**0.97**	**1.1**	**3.1**	<0.53
Crawl Space West	09/06/17	<100	<100	<100	<100	**1.9**	**3.6**	**0.62**	**0.75**	**1.9**	<0.53
Method B Carcenogenic						0.32					0.074
Method B Carcenogenic - Adjusted						4.81					1.10
Method B Non-Carcenogenic			2,720			13.7	2,240	458	46.4[A]	46.4[A]	1.38

Aerotech - Vapor Monitoring Report - 1st Quarter 2024 - April 22, 2024

Sample ID	Sampling Date	C5-C12	C5-C8 Aliphatics	C9-C12 Aliphatics	C9-C10 Aromatics	Benzene	Toluene	Ethyl-benzene	o-Xylene	m,p-Xylene	naphthalene
		ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3
Interior	03/21/24	--	<28.5	<29.4	<7.55	**0.802**	**2.13**	<2.17	<2.17	<4.34	**0.280**
Crawl Space	03/21/24	--	<28.5	<29.4	<7.55	**0.604**	**2.12**	<2.17	<2.17	<4.34	**0.252**
Exterior (Background)	03/21/24	--	**1,710**	**594**	**45.8**	**8.65**	**46.0**	**28.3**	**50.8**	**104**	**2.54**
Method B Carcenogenic						0.32					0.074
Method B Carcenogenic - Adjusted						4.81					1.10
Method B Non-Carcenogenic			2,720			13.7	2,240	458	46.4[A]	46.4[A]	1.38

ug/m3 = microgram per cubic meter
< = not detected at indicated Laboratory Detection Limits
All parameters anlayzed by EPA Method TO-15
-- = Not Analyzed

Bolded numbers denote concentrations detected above the labaratory reporting limit
Red shaded cells denote concentrations detected above the Adjusted Method B Cleanup Level
[A] = This Method B Value is based on total Xylenes

■ Site Photos

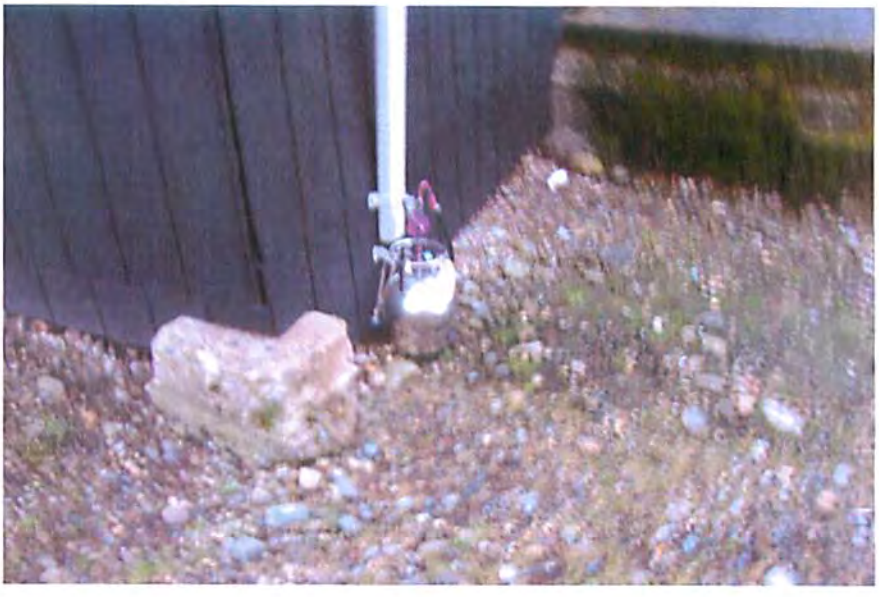
NW corner of building
(view to the east)

NW corner of Building
(view to the south)

Entrance to "storage shed"

Storage Shed canister

Background canister location



Crawl space canister

■ Supplemental Documents

Statement of Assessor Qualifications:

CURRICULUM VITAE
Alan T. Blotch

Mr. Blotch was previously the Corporate General Counsel for a national industrial safety and environmental consulting firm, with offices throughout the United States. Since 2000, he has been the President of an environmental consulting firm while continuing his law practice, specializing in insurance defense litigation orientated towards construction, products liability, environmental, health, and safety matters.

Mr. Blotch has over 36 years experience in the industrial safety and environmental consulting industry, including both field assessment and management positions. For nine years he held a variety of positions with a national consulting firm, including division manager, marketing vice president, and executive vice president.

Additionally, Mr. Blotch has been involved since 1991 in the development of the ASTM E50 Committee Phase I Environmental Site Assessment Standard Practice, ASTM Standard for the Survey of Asbestos Building Materials, EPA/HUD contract NIBS Lead-Based Paint Operations Manual, and NIBS Asbestos Operations and Maintenance Guidance manual.

Education:

University of Illinois at Chicago Circle – undergraduate pre-law
Illinois Benedictine College – Masters of Business Administration
Chicago-Kent College of Law – Juris Doctor of Law
with Certificate in Environmental and Energy Law

Certifications / Licenses:

Registered Environmental Assessor – State of California
Asbestos Supervisor, Project Manager – AHERA Accredited
Asbestos Building Inspector, Management Planner, Project Designer - AHERA Accredited
Attorney at Law – State of Washington and State of Oregon

Organization Memberships:

American Bar Association
– Section of Environmental, Energy, and Natural Resources, member.
American Industrial Hygiene Association
American Society of Safety Engineers
– Board of Directors, Puget Sound Chapter, member;
– Chairman, Regulatory Affairs Committee
American Society for Testing and Materials (ASTM)
– Environmental Standards Committee E50, Environmental Site Assessments, member;
– Asbestos Inspection Protocol for the Survey of Asbestos Building Materials Working Group, member;
– Environmental Standards Committee E06, Performance of Buildings, member.
Association of Trial Lawyers of America
Defense Research Institute, Inc.
National Institute of Building Sciences

– Operations Committee of Consultative Council; member, Project Committee on Lead-Based Paint O&M Work Practices Manual and Procedures Development, member;
– Project Committee on Asbestos Management, and Operations and Maintenance Manual Development, member;
– Project Committee on Asbestos Specifications and Response Actions Standards Revision, member.

Occupational Safety and Health Administration
– Advisory Committee on Construction Safety and Health, participant.
Puget Sound Area Construction Safety Summit
Washington Defense Trial Lawyers Association
– Association magazine editorial board, member.
Washington State Trial Lawyers Association

Professional and Standards Development:

ASTM Phase I Environmental Site Assessment Practice. Beginning in 1991, Mr. Blotch was involved in the drafting and review of the American Society for Testing and Materials ("ASTM") Environmental Standards Committee E50, Environmental Site Assessments, charged with the responsibility of developing the ASTM Phase I Environmental Site Assessment Standard Practice. This involvement in the committee's work continues to the present.

ASTM Survey of Asbestos in Buildings Practice. In 1993, the ASTM formed a working group to develop an Asbestos Inspection Protocol for the Survey of Asbestos Building Materials Working Group. Mr. Blotch personally performed the drafting of significant portions of the initial Survey document. His involvement continues to the present.

National Institute of Building Sciences ("NIBS") Lead-Based Paint Work Practices Manual. In 1992, Mr. Blotch was invited to join the newly formed NIBS Operations Committee of Consultative Council, Project Committee on Lead-Based Paint O&M Work Practices Manual and Procedures Development pursuant to a NIBS contract with the EPA and HUD. For two years Mr. Blotch attended the committee meetings and discussion groups and participated in the development and review of the Manual, which was subsequently published by the EPA.

NIBS Asbestos Operations and Maintenance Manual. Beginning in 1994, Mr. Blotch was invited to join the newly formed Project Committee on Asbestos Management, and Operations and Maintenance, charged with the responsibility of developing an Asbestos O&M Manual. This work included both the attendance of working group committee meetings and document review. This project was completed within two years.

NIBS Asbestos Specifications Revision. In order to ensure compliance with the revised OSHA asbestos regulations, in 1997, NIBS formed a Project Committee on Asbestos Specifications and Response Actions Standards Revision, of which Mr. Blotch was a member. His involvement included review and comment on the draft Specification revisions to the NIBS Asbestos MASTERSPEC® Removal and Response document.

State of Washington Industrial Hygiene & Safety Title Protection Act. Instrumental in drafting the 2001 Session Washington State Industrial Hygiene and Professional Safety Title Protection Act, Chapter 18 of the Washington Revised Code. Testified before the Legislature's combined House and Senate Committee on Commerce and Industry in support of the Title Protection Act.

■ Laboratory Analytical Results

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Aerotech
Justin Foslien
14220 Interurban Ave S, Ste. 116
Tukwila, WA 98168

RE: AMG Investments
Work Order Number: 2403415

April 03, 2024

Attention Justin Foslien:

Fremont Analytical, Inc. received 3 sample(s) on 3/22/2024 for the analyses presented in the following report.

Petroleum Fractionation by EPA Method TO-15/MA APH
Volatile Organic Compounds by EPA Method TO-15

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

Date: *04/03/2024*

CLIENT: Aerotech
Project: AMG Investments
Work Order: 2403415

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2403415-001	Interior	03/21/2024 12:00 AM	03/22/2024 11:55 AM
2403415-002	Exterior	03/21/2024 12:00 AM	03/22/2024 11:55 AM
2403415-003	Crawl Space	03/21/2024 12:00 AM	03/22/2024 11:55 AM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Case Narrative

WO#: **2403415**
Date: **4/3/2024**

CLIENT: Aerotech
Project: AMG Investments

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Air samples are reported in ppbv and ug/m3.

The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Standard temperature and pressure assumes 24.45 = (25C and 1 atm).

***Acrolein: Reporting Limit noted is the laboratory Method Detection Limit (MDL). Any detections below 0.0115 ug/m3 (0.005 ppbv) are considered an estimate.

***1,2-Dibromoethane (EDB): Reporting Limit noted is the Method Detection Limit (MDL). Any detections below 0.0384 ug/m3 (0.005 ppbv) are considered an estimate.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MCL - Maximum Contaminant Level
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Client: **Aerotech**
WorkOrder: 2403415
Project: AMG Investments

Client Sample ID: Interior
Lab ID: 2403415-001A
Sample Type: Summa Canister

Date Sampled: 3/21/2024
Date Received 3/22/2024

Analyte	Concentration		Reporting Limit		Qual	Method	Date/Analyst	
Petroleum Fractionation by EPA Method TO-15/MA APH								
	(ppbv)	(ug/m³)	(ppbv)	(ug/m³)				
Aliphatic Hydrocarbon (EC5-8)	<7.50	<28.5	7.50	28.5		EPA-TO-15	03/31/2024	LB
Aliphatic Hydrocarbon (EC9-12)	<5.00	<29.4	5.00	29.4		EPA-TO-15	03/31/2024	LB
Aromatic Hydrocarbon (EC9-10)	<1.50	<7.55	1.50	7.55		EPA-TO-15	03/31/2024	LB
Surr: 4-Bromofluorobenzene	91.6 %Rec	--	70-130	--		EPA-TO-15	03/31/2024	LB
Volatile Organic Compounds by EPA Method TO-15								
	(ppbv)	(ug/m³)	(ppbv)	(ug/m³)				
1,1,1-Trichloroethane	0.0981	0.535	0.0100	0.0546		EPA-TO-15	04/02/2024	LB
1,1,2,2-Tetrachloroethane	<0.0500	<0.343	0.0500	0.343		EPA-TO-15	04/02/2024	LB
CFC-113	<0.150	<1.15	0.150	1.15		EPA-TO-15	04/02/2024	LB
1,1,2-Trichloroethane (TCA)	<0.0100	<0.0546	0.0100	0.0546		EPA-TO-15	04/02/2024	LB
1,1-Dichloroethane	0.0119	0.0483	0.0100	0.0405		EPA-TO-15	04/02/2024	LB
1,1-Dichloroethene (DCE)	<0.0100	<0.0397	0.0100	0.0397		EPA-TO-15	04/02/2024	LB
1,2,4-Trichlorobenzene	<0.150	<1.11	0.150	1.11		EPA-TO-15	04/02/2024	LB
1,2,4-Trimethylbenzene	<0.500	<2.46	0.500	2.46		EPA-TO-15	04/02/2024	LB
1,2-Dibromoethane (EDB)***	<0.000534	<0.00410	0.000534	0.00410		EPA-TO-15	04/02/2024	LB
1,2-Dichlorobenzene	<0.0500	<0.301	0.0500	0.301		EPA-TO-15	04/02/2024	LB
1,2-Dichloroethane	2.93	11.8	0.0100	0.0405		EPA-TO-15	04/02/2024	LB
1,2-Dichloropropane	<0.0500	<0.231	0.0500	0.231		EPA-TO-15	04/02/2024	LB
1,3,5-Trimethylbenzene	<0.150	<0.737	0.150	0.737		EPA-TO-15	04/02/2024	LB
1,3-Butadiene	0.0816	0.181	0.0500	0.111		EPA-TO-15	04/02/2024	LB
1,3-Dichlorobenzene	<0.0500	<0.301	0.0500	0.301		EPA-TO-15	04/02/2024	LB
1,4-Dichlorobenzene	0.0645	0.388	0.0500	0.301		EPA-TO-15	04/02/2024	LB
1,4-Dioxane	<0.150	<0.541	0.150	0.541		EPA-TO-15	04/02/2024	LB
(MEK) 2-Butanone	0.341	1.01	0.150	0.442		EPA-TO-15	04/02/2024	LB
2-Hexanone	<0.150	<0.614	0.150	0.614		EPA-TO-15	04/02/2024	LB
Isopropyl Alcohol	3.44	8.45	0.500	1.23		EPA-TO-15	03/31/2024	LB
4-Methyl-2-pentanone (MIBK)	<0.150	<0.614	0.150	0.614		EPA-TO-15	04/02/2024	LB
Acetone	5.71	13.6	1.00	2.38		EPA-TO-15	04/02/2024	LB
Acrolein***	0.348	0.798	0.00340	0.00780		EPA-TO-15	04/02/2024	LB
Benzene	0.251	0.802	0.0100	0.0319		EPA-TO-15	04/02/2024	LB

Client: **Aerotech**
WorkOrder: 2403415
Project: AMG Investments

Client Sample ID: Interior
Lab ID: 2403415-001A
Sample Type: Summa Canister

Date Sampled: 3/21/2024
Date Received 3/22/2024

Analyte	Concentration		Reporting Limit		Qual	Method	Date/Analyst	
Volatile Organic Compounds by EPA Method TO-15								
	(ppbv)	(ug/m³)	(ppbv)	(ug/m³)				
Benzyl chloride	<0.150	<0.777	0.150	0.777		EPA-TO-15	04/02/2024	LB
Dichlorobromomethane	<0.0500	<0.335	0.0500	0.335		EPA-TO-15	04/02/2024	LB
Bromoform	<0.0500	<0.517	0.0500	0.517		EPA-TO-15	04/02/2024	LB
Bromomethane	<0.0500	<0.194	0.0500	0.194		EPA-TO-15	04/02/2024	LB
Carbon disulfide	<0.500	<1.56	0.500	1.56		EPA-TO-15	04/02/2024	LB
Carbon tetrachloride	0.0592	0.372	0.0100	0.0629		EPA-TO-15	04/02/2024	LB
Chlorobenzene	<0.0100	<0.0460	0.0100	0.0460		EPA-TO-15	04/02/2024	LB
Dibromochloromethane	<0.0500	<0.426	0.0500	0.426		EPA-TO-15	04/02/2024	LB
Chloroethane	<0.150	<0.396	0.150	0.396		EPA-TO-15	04/02/2024	LB
Chloroform	0.0192	0.0940	0.0100	0.0488		EPA-TO-15	04/02/2024	LB
Chloromethane	0.412	0.850	0.0500	0.103		EPA-TO-15	04/02/2024	LB
cis-1,2-Dichloroethene	<0.0500	<0.198	0.0500	0.198		EPA-TO-15	04/02/2024	LB
cis-1,3-dichloropropene	<0.0500	<0.227	0.0500	0.227		EPA-TO-15	04/02/2024	LB
Cyclohexane	0.288	0.992	0.150	0.516		EPA-TO-15	04/02/2024	LB
Dichlorodifluoromethane (CFC-12)	0.547	2.70	0.0500	0.247		EPA-TO-15	04/02/2024	LB
Dichlorotetrafluoroethane (CFC-114)	<0.150	<1.05	0.150	1.05		EPA-TO-15	04/02/2024	LB
Ethyl acetate	<0.500	<1.80	0.500	1.80		EPA-TO-15	04/02/2024	LB
Ethylbenzene	<0.500	<2.17	0.500	2.17		EPA-TO-15	04/02/2024	LB
Heptane	0.176	0.720	0.150	0.615		EPA-TO-15	04/02/2024	LB
Hexachlorobutadiene	<0.0500	<0.533	0.0500	0.533		EPA-TO-15	04/02/2024	LB
m,p-Xylene	<1.00	<4.34	1.00	4.34		EPA-TO-15	04/02/2024	LB
Methyl methacrylate	<0.500	<2.05	0.500	2.05		EPA-TO-15	04/02/2024	LB
Methylene chloride	0.982	3.41	0.150	0.521		EPA-TO-15	04/02/2024	LB
Naphthalene	0.0534	0.280	0.0140	0.0734		EPA-TO-15	04/02/2024	LB
n-Hexane	<0.500	<1.76	0.500	1.76		EPA-TO-15	04/02/2024	LB
o-Xylene	<0.500	<2.17	0.500	2.17		EPA-TO-15	04/02/2024	LB
4-Ethyltoluene	<0.150	<0.737	0.150	0.737		EPA-TO-15	04/02/2024	LB
Propylene	0.732	1.26	0.150	0.258		EPA-TO-15	04/02/2024	LB
Styrene	<0.150	<0.639	0.150	0.639		EPA-TO-15	04/02/2024	LB
Methyl tert-butyl ether (MTBE)	<0.0500	<0.180	0.0500	0.180		EPA-TO-15	04/02/2024	LB

Client: **Aerotech**
WorkOrder: 2403415
Project: AMG Investments

Client Sample ID: Interior
Lab ID: 2403415-001A
Sample Type: Summa Canister

Date Sampled: 3/21/2024
Date Received 3/22/2024

Analyte	Concentration		Reporting Limit		Qual	Method	Date/Analyst	
Volatile Organic Compounds by EPA Method TO-15								
	(ppbv)	(ug/m³)	(ppbv)	(ug/m³)				
Tetrachloroethene (PCE)	<0.500	<3.39	0.500	3.39		EPA-TO-15	04/02/2024	LB
Tetrahydrofuran	<0.150	<0.442	0.150	0.442		EPA-TO-15	04/02/2024	LB
Toluene	0.564	2.13	0.500	1.88		EPA-TO-15	04/02/2024	LB
trans-1,2-Dichloroethene	<0.0500	<0.198	0.0500	0.198		EPA-TO-15	04/02/2024	LB
trans-1,3-dichloropropene	<0.150	<0.681	0.150	0.681		EPA-TO-15	04/02/2024	LB
Trichloroethene (TCE)	<0.0100	<0.0537	0.0100	0.0537		EPA-TO-15	04/02/2024	LB
Trichlorofluoromethane (CFC-11)	0.345	1.94	0.0500	0.281		EPA-TO-15	04/02/2024	LB
Vinyl acetate	<0.150	<0.528	0.150	0.528		EPA-TO-15	04/02/2024	LB
Vinyl chloride	<0.0500	<0.128	0.0500	0.128		EPA-TO-15	04/02/2024	LB
Surr: 4-Bromofluorobenzene	99.9 %Rec	--	70-130	--		EPA-TO-15	04/02/2024	LB

Client: **Aerotech**
WorkOrder: 2403415
Project: AMG Investments

Client Sample ID: Exterior
Lab ID: 2403415-002A
Sample Type: Summa Canister

Date Sampled: 3/21/2024
Date Received 3/22/2024

Analyte	Concentration		Reporting Limit		Qual	Method	Date/Analyst	
Petroleum Fractionation by EPA Method TO-15/MA APH								
	(ppbv)	(ug/m³)	(ppbv)	(ug/m³)				
Aliphatic Hydrocarbon (EC5-8)	451	1,710	30.0	114		EPA-TO-15	03/31/2024	LB
Aliphatic Hydrocarbon (EC9-12)	101	594	20.0	118		EPA-TO-15	03/31/2024	LB
Aromatic Hydrocarbon (EC9-10)	9.10	45.8	6.00	30.2		EPA-TO-15	03/31/2024	LB
Surr: 4-Bromofluorobenzene	107 %Rec	--	70-130	--		EPA-TO-15	03/31/2024	LB
Volatile Organic Compounds by EPA Method TO-15								
	(ppbv)	(ug/m³)	(ppbv)	(ug/m³)				
1,1,1-Trichloroethane	0.0256	0.140	0.0100	0.0546		EPA-TO-15	04/02/2024	LB
1,1,2,2-Tetrachloroethane	<0.0500	<0.343	0.0500	0.343		EPA-TO-15	04/02/2024	LB
CFC-113	<0.150	<1.15	0.150	1.15		EPA-TO-15	04/02/2024	LB
1,1,2-Trichloroethane (TCA)	<0.0100	<0.0546	0.0100	0.0546		EPA-TO-15	04/02/2024	LB
1,1-Dichloroethane	<0.0100	<0.0405	0.0100	0.0405		EPA-TO-15	04/02/2024	LB
1,1-Dichloroethene (DCE)	<0.0100	<0.0397	0.0100	0.0397		EPA-TO-15	04/02/2024	LB
1,2,4-Trichlorobenzene	<0.150	<1.11	0.150	1.11		EPA-TO-15	04/02/2024	LB
1,2,4-Trimethylbenzene	2.26	11.1	0.500	2.46		EPA-TO-15	04/02/2024	LB
1,2-Dibromoethane (EDB)***	0.00178	0.0137	0.000534	0.00410		EPA-TO-15	04/02/2024	LB
1,2-Dichlorobenzene	<0.0500	<0.301	0.0500	0.301		EPA-TO-15	04/02/2024	LB
1,2-Dichloroethane	0.167	0.677	0.0100	0.0405		EPA-TO-15	04/02/2024	LB
1,2-Dichloropropane	<0.0500	<0.231	0.0500	0.231		EPA-TO-15	04/02/2024	LB
1,3,5-Trimethylbenzene	0.441	2.17	0.150	0.737		EPA-TO-15	04/02/2024	LB
1,3-Butadiene	0.0790	0.175	0.0500	0.111		EPA-TO-15	04/02/2024	LB
1,3-Dichlorobenzene	<0.0500	<0.301	0.0500	0.301		EPA-TO-15	04/02/2024	LB
1,4-Dichlorobenzene	0.0715	0.430	0.0500	0.301		EPA-TO-15	04/02/2024	LB
1,4-Dioxane	<0.150	<0.541	0.150	0.541		EPA-TO-15	04/02/2024	LB
(MEK) 2-Butanone	4.18	12.3	0.150	0.442		EPA-TO-15	04/02/2024	LB
2-Hexanone	0.216	0.887	0.150	0.614		EPA-TO-15	04/02/2024	LB
Isopropyl Alcohol	118	291	2.00	4.92	E	EPA-TO-15	03/31/2024	LB
4-Methyl-2-pentanone (MIBK)	0.349	1.43	0.150	0.614		EPA-TO-15	04/02/2024	LB
Acetone	27.6	65.5	4.00	9.50		EPA-TO-15	04/02/2024	LB
Acrolein***	0.199	0.456	0.00340	0.00780		EPA-TO-15	04/02/2024	LB
Benzene	2.71	8.65	0.0100	0.0319		EPA-TO-15	04/02/2024	LB

Client: **Aerotech**
WorkOrder: 2403415
Project: AMG Investments

Client Sample ID: Exterior
Lab ID: 2403415-002A
Sample Type: Summa Canister

Date Sampled: 3/21/2024
Date Received 3/22/2024

Volatile Organic Compounds by EPA Method TO-15

Analyte	Concentration (ppbv)	Concentration (ug/m³)	Reporting Limit (ppbv)	Reporting Limit (ug/m³)	Qual	Method	Date/Analyst	
Benzyl chloride	<0.150	<0.777	0.150	0.777		EPA-TO-15	04/02/2024	LB
Dichlorobromomethane	<0.0500	<0.335	0.0500	0.335		EPA-TO-15	04/02/2024	LB
Bromoform	<0.0500	<0.517	0.0500	0.517		EPA-TO-15	04/02/2024	LB
Bromomethane	<0.0500	<0.194	0.0500	0.194		EPA-TO-15	04/02/2024	LB
Carbon disulfide	37.7	117	2.00	6.23		EPA-TO-15	04/02/2024	LB
Carbon tetrachloride	0.0541	0.340	0.0100	0.0629		EPA-TO-15	04/02/2024	LB
Chlorobenzene	<0.0100	<0.0460	0.0100	0.0460		EPA-TO-15	04/02/2024	LB
Dibromochloromethane	<0.0500	<0.426	0.0500	0.426		EPA-TO-15	04/02/2024	LB
Chloroethane	<0.150	<0.396	0.150	0.396		EPA-TO-15	04/02/2024	LB
Chloroform	0.430	2.10	0.0100	0.0488		EPA-TO-15	04/02/2024	LB
Chloromethane	0.302	0.623	0.0500	0.103		EPA-TO-15	04/02/2024	LB
cis-1,2-Dichloroethene	<0.0500	<0.198	0.0500	0.198		EPA-TO-15	04/02/2024	LB
cis-1,3-dichloropropene	<0.0500	<0.227	0.0500	0.227		EPA-TO-15	04/02/2024	LB
Cyclohexane	13.9	47.7	0.150	0.516		EPA-TO-15	04/02/2024	LB
Dichlorodifluoromethane (CFC-12)	0.409	2.02	0.0500	0.247		EPA-TO-15	04/02/2024	LB
Dichlorotetrafluoroethane (CFC-114)	<0.150	<1.05	0.150	1.05		EPA-TO-15	04/02/2024	LB
Ethyl acetate	873	3,150	20.0	72.1	E	EPA-TO-15	04/02/2024	LB
Ethylbenzene	6.51	28.3	0.500	2.17		EPA-TO-15	04/02/2024	LB
Heptane	1.50	6.13	0.150	0.615		EPA-TO-15	04/02/2024	LB
Hexachlorobutadiene	<0.0500	<0.533	0.0500	0.533		EPA-TO-15	04/02/2024	LB
m,p-Xylene	23.9	104	1.00	4.34		EPA-TO-15	04/02/2024	LB
Methyl methacrylate	<0.500	<2.05	0.500	2.05		EPA-TO-15	04/02/2024	LB
Methylene chloride	0.561	1.95	0.150	0.521		EPA-TO-15	04/02/2024	LB
Naphthalene	0.485	2.54	0.0140	0.0734		EPA-TO-15	04/02/2024	LB
n-Hexane	0.622	2.19	0.500	1.76		EPA-TO-15	04/02/2024	LB
o-Xylene	11.7	50.8	0.500	2.17		EPA-TO-15	04/02/2024	LB
4-Ethyltoluene	0.550	2.70	0.150	0.737		EPA-TO-15	04/02/2024	LB
Propylene	0.677	1.16	0.150	0.258		EPA-TO-15	04/02/2024	LB
Styrene	2.02	8.59	0.150	0.639		EPA-TO-15	04/02/2024	LB
Methyl tert-butyl ether (MTBE)	6.80	24.5	0.0500	0.180		EPA-TO-15	04/02/2024	LB

Client: **Aerotech**
WorkOrder: 2403415
Project: AMG Investments

Client Sample ID: Exterior
Lab ID: 2403415-002A
Sample Type: Summa Canister

Date Sampled: 3/21/2024
Date Received 3/22/2024

Analyte	Concentration		Reporting Limit		Qual	Method	Date/Analyst	
Volatile Organic Compounds by EPA Method TO-15								
	(ppbv)	(ug/m³)	(ppbv)	(ug/m³)				
Tetrachloroethene (PCE)	1.90	12.9	0.500	3.39		EPA-TO-15	04/02/2024	LB
Tetrahydrofuran	0.171	0.505	0.150	0.442		EPA-TO-15	04/02/2024	LB
Toluene	46.0	173	2.00	7.54		EPA-TO-15	04/02/2024	LB
trans-1,2-Dichloroethene	<0.0500	<0.198	0.0500	0.198		EPA-TO-15	04/02/2024	LB
trans-1,3-dichloropropene	<0.150	<0.681	0.150	0.681		EPA-TO-15	04/02/2024	LB
Trichloroethene (TCE)	0.0200	0.107	0.0100	0.0537		EPA-TO-15	04/02/2024	LB
Trichlorofluoromethane (CFC-11)	0.163	0.916	0.0500	0.281		EPA-TO-15	04/02/2024	LB
Vinyl acetate	<0.150	<0.528	0.150	0.528		EPA-TO-15	04/02/2024	LB
Vinyl chloride	<0.0500	<0.128	0.0500	0.128		EPA-TO-15	04/02/2024	LB
Surr: 4-Bromofluorobenzene	116 %Rec	--	70-130	--		EPA-TO-15	04/02/2024	LB

Client: **Aerotech**
WorkOrder: 2403415
Project: AMG Investments

Client Sample ID: Crawl Space
Lab ID: 2403415-003A
Sample Type: Summa Canister

Date Sampled: 3/21/2024
Date Received 3/22/2024

Analyte	Concentration		Reporting Limit		Qual	Method	Date/Analyst	
Petroleum Fractionation by EPA Method TO-15/MA APH								
	(ppbv)	(ug/m³)	(ppbv)	(ug/m³)				
Aliphatic Hydrocarbon (EC5-8)	<7.50	<28.5	7.50	28.5		EPA-TO-15	03/31/2024	LB
Aliphatic Hydrocarbon (EC9-12)	<5.00	<29.4	5.00	29.4		EPA-TO-15	03/31/2024	LB
Aromatic Hydrocarbon (EC9-10)	<1.50	<7.55	1.50	7.55		EPA-TO-15	03/31/2024	LB
Surr: 4-Bromofluorobenzene	92.9 %Rec	--	70-130	--		EPA-TO-15	03/31/2024	LB
Volatile Organic Compounds by EPA Method TO-15								
	(ppbv)	(ug/m³)	(ppbv)	(ug/m³)				
1,1,1-Trichloroethane	0.0123	0.0669	0.0100	0.0546		EPA-TO-15	04/02/2024	LB
1,1,2,2-Tetrachloroethane	<0.0500	<0.343	0.0500	0.343		EPA-TO-15	04/02/2024	LB
CFC-113	<0.150	<1.15	0.150	1.15		EPA-TO-15	04/02/2024	LB
1,1,2-Trichloroethane (TCA)	<0.0100	<0.0546	0.0100	0.0546		EPA-TO-15	04/02/2024	LB
1,1-Dichloroethane	<0.0100	<0.0405	0.0100	0.0405		EPA-TO-15	04/02/2024	LB
1,1-Dichloroethene (DCE)	<0.0100	<0.0397	0.0100	0.0397		EPA-TO-15	04/02/2024	LB
1,2,4-Trichlorobenzene	<0.150	<1.11	0.150	1.11		EPA-TO-15	04/02/2024	LB
1,2,4-Trimethylbenzene	<0.500	<2.46	0.500	2.46		EPA-TO-15	04/02/2024	LB
1,2-Dibromoethane (EDB)***	<0.000534	<0.00410	0.000534	0.00410		EPA-TO-15	04/02/2024	LB
1,2-Dichlorobenzene	<0.0500	<0.301	0.0500	0.301		EPA-TO-15	04/02/2024	LB
1,2-Dichloroethane	0.0119	0.0480	0.0100	0.0405		EPA-TO-15	04/02/2024	LB
1,2-Dichloropropane	<0.0500	<0.231	0.0500	0.231		EPA-TO-15	04/02/2024	LB
1,3,5-Trimethylbenzene	<0.150	<0.737	0.150	0.737		EPA-TO-15	04/02/2024	LB
1,3-Butadiene	0.0762	0.168	0.0500	0.111		EPA-TO-15	04/02/2024	LB
1,3-Dichlorobenzene	<0.0500	<0.301	0.0500	0.301		EPA-TO-15	04/02/2024	LB
1,4-Dichlorobenzene	<0.0500	<0.301	0.0500	0.301		EPA-TO-15	04/02/2024	LB
1,4-Dioxane	<0.150	<0.541	0.150	0.541		EPA-TO-15	04/02/2024	LB
(MEK) 2-Butanone	0.179	0.528	0.150	0.442		EPA-TO-15	04/02/2024	LB
2-Hexanone	<0.150	<0.614	0.150	0.614		EPA-TO-15	04/02/2024	LB
Isopropyl Alcohol	1.12	2.75	0.500	1.23		EPA-TO-15	03/31/2024	LB
4-Methyl-2-pentanone (MIBK)	<0.150	<0.614	0.150	0.614		EPA-TO-15	04/02/2024	LB
Acetone	1.50	3.55	1.00	2.38		EPA-TO-15	04/02/2024	LB
Acrolein***	0.210	0.481	0.00340	0.00780		EPA-TO-15	04/02/2024	LB
Benzene	0.189	0.604	0.0100	0.0319		EPA-TO-15	04/02/2024	LB

Client: **Aerotech**
WorkOrder: 2403415
Project: AMG Investments

Client Sample ID: Crawl Space
Lab ID: 2403415-003A
Sample Type: Summa Canister

Date Sampled: 3/21/2024
Date Received 3/22/2024

Analyte	Concentration		Reporting Limit		Qual	Method	Date/Analyst	
Volatile Organic Compounds by EPA Method TO-15								
	(ppbv)	(ug/m³)	(ppbv)	(ug/m³)				
Benzyl chloride	<0.150	<0.777	0.150	0.777		EPA-TO-15	04/02/2024	LB
Dichlorobromomethane	<0.0500	<0.335	0.0500	0.335		EPA-TO-15	04/02/2024	LB
Bromoform	<0.0500	<0.517	0.0500	0.517		EPA-TO-15	04/02/2024	LB
Bromomethane	<0.0500	<0.194	0.0500	0.194		EPA-TO-15	04/02/2024	LB
Carbon disulfide	<0.500	<1.56	0.500	1.56		EPA-TO-15	04/02/2024	LB
Carbon tetrachloride	0.0587	0.369	0.0100	0.0629		EPA-TO-15	04/02/2024	LB
Chlorobenzene	<0.0100	<0.0460	0.0100	0.0460		EPA-TO-15	04/02/2024	LB
Dibromochloromethane	<0.0500	<0.426	0.0500	0.426		EPA-TO-15	04/02/2024	LB
Chloroethane	<0.150	<0.396	0.150	0.396		EPA-TO-15	04/02/2024	LB
Chloroform	0.0102	0.0500	0.0100	0.0488		EPA-TO-15	04/02/2024	LB
Chloromethane	0.344	0.710	0.0500	0.103		EPA-TO-15	04/02/2024	LB
cis-1,2-Dichloroethene	<0.0500	<0.198	0.0500	0.198		EPA-TO-15	04/02/2024	LB
cis-1,3-dichloropropene	<0.0500	<0.227	0.0500	0.227		EPA-TO-15	04/02/2024	LB
Cyclohexane	0.153	0.526	0.150	0.516		EPA-TO-15	04/02/2024	LB
Dichlorodifluoromethane (CFC-12)	0.454	2.24	0.0500	0.247		EPA-TO-15	04/02/2024	LB
Dichlorotetrafluoroethane (CFC-114)	<0.150	<1.05	0.150	1.05		EPA-TO-15	04/02/2024	LB
Ethyl acetate	<0.500	<1.80	0.500	1.80		EPA-TO-15	04/02/2024	LB
Ethylbenzene	<0.500	<2.17	0.500	2.17		EPA-TO-15	04/02/2024	LB
Heptane	<0.150	<0.615	0.150	0.615		EPA-TO-15	04/02/2024	LB
Hexachlorobutadiene	<0.0500	<0.533	0.0500	0.533		EPA-TO-15	04/02/2024	LB
m,p-Xylene	<1.00	<4.34	1.00	4.34		EPA-TO-15	04/02/2024	LB
Methyl methacrylate	<0.500	<2.05	0.500	2.05		EPA-TO-15	04/02/2024	LB
Methylene chloride	0.204	0.708	0.150	0.521		EPA-TO-15	04/02/2024	LB
Naphthalene	0.0481	0.252	0.0140	0.0734		EPA-TO-15	04/02/2024	LB
n-Hexane	<0.500	<1.76	0.500	1.76		EPA-TO-15	04/02/2024	LB
o-Xylene	<0.500	<2.17	0.500	2.17		EPA-TO-15	04/02/2024	LB
4-Ethyltoluene	<0.150	<0.737	0.150	0.737		EPA-TO-15	04/02/2024	LB
Propylene	0.502	0.864	0.150	0.258		EPA-TO-15	04/02/2024	LB
Styrene	<0.150	<0.639	0.150	0.639		EPA-TO-15	04/02/2024	LB
Methyl tert-butyl ether (MTBE)	<0.0500	<0.180	0.0500	0.180		EPA-TO-15	04/02/2024	LB

Client: **Aerotech**
WorkOrder: 2403415
Project: AMG Investments

Client Sample ID: Crawl Space
Lab ID: 2403415-003A
Sample Type: Summa Canister

Date Sampled: 3/21/2024
Date Received 3/22/2024

Analyte	Concentration		Reporting Limit		Qual	Method	Date/Analyst	
Volatile Organic Compounds by EPA Method TO-15								
	(ppbv)	(ug/m³)	(ppbv)	(ug/m³)				
Tetrachloroethene (PCE)	<0.500	<3.39	0.500	3.39		EPA-TO-15	04/02/2024	LB
Tetrahydrofuran	<0.150	<0.442	0.150	0.442		EPA-TO-15	04/02/2024	LB
Toluene	0.563	2.12	0.500	1.88		EPA-TO-15	04/02/2024	LB
trans-1,2-Dichloroethene	<0.0500	<0.198	0.0500	0.198		EPA-TO-15	04/02/2024	LB
trans-1,3-dichloropropene	<0.150	<0.681	0.150	0.681		EPA-TO-15	04/02/2024	LB
Trichloroethene (TCE)	<0.0100	<0.0537	0.0100	0.0537		EPA-TO-15	04/02/2024	LB
Trichlorofluoromethane (CFC-11)	0.190	1.07	0.0500	0.281		EPA-TO-15	04/02/2024	LB
Vinyl acetate	0.330	1.16	0.150	0.528		EPA-TO-15	04/02/2024	LB
Vinyl chloride	<0.0500	<0.128	0.0500	0.128		EPA-TO-15	04/02/2024	LB
Surr: 4-Bromofluorobenzene	104 %Rec	--	70-130	--		EPA-TO-15	04/02/2024	LB

Work Order: 2403415
CLIENT: Aerotech
Project: AMG Investments

QC SUMMARY REPORT

Petroleum Fractionation by EPA Method TO-15/MA APH

Sample ID: **LCS-R90690** SampType: **LCS** Units: **ppbv** Prep Date: **3/30/2024** RunNo: **90690**
Client ID: **LCSW** Batch ID: **R90690** Analysis Date: **3/30/2024** SeqNo: **1891288**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aliphatic Hydrocarbon (EC5-8)	11.9	7.50	12.00	0	99.5	70	130				
Aromatic Hydrocarbon (EC9-10)	8.58	1.50	10.00	0	85.8	70	130				B
Aliphatic Hydrocarbon (EC9-12)	11.9	5.00	12.00	0	99.5	70	130				
Surr: 4-Bromofluorobenzene	3.97		4.000		99.2	70	130				

Sample ID: **MB-R90690** SampType: **MBLK** Units: **ppbv** Prep Date: **3/31/2024** RunNo: **90690**
Client ID: **MBLKW** Batch ID: **R90690** Analysis Date: **3/31/2024** SeqNo: **1891312**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aliphatic Hydrocarbon (EC5-8)	ND	7.50									
Aromatic Hydrocarbon (EC9-10)	1.60	1.50									
Aliphatic Hydrocarbon (EC9-12)	ND	5.00									
Surr: 4-Bromofluorobenzene	3.35		4.000		83.8	70	130				

Sample ID: **2403447-001AREP** SampType: **REP** Units: **ppbv** Prep Date: **3/31/2024** RunNo: **90690**
Client ID: **BATCH** Batch ID: **R90690** Analysis Date: **3/31/2024** SeqNo: **1891317**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aliphatic Hydrocarbon (EC5-8)	ND	30.0						0		25	
Aromatic Hydrocarbon (EC9-10)	ND	6.00						0		25	
Aliphatic Hydrocarbon (EC9-12)	ND	20.0						0		25	
Surr: 4-Bromofluorobenzene	14.3		16.00		89.1	70	130		0		

Work Order: 2403415
CLIENT: Aerotech
Project: AMG Investments

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method TO-15

Sample ID: **LCS-R90726** SampType: **LCS** Units: **ppbv** Prep Date: **3/30/2024** RunNo: **90726**
Client ID: **LCSW** Batch ID: **R90726** Analysis Date: **3/30/2024** SeqNo: **1891917**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Isopropyl Alcohol	1.88	0.500	2.000	0	94.0	70	130				
Surr: 4-Bromofluorobenzene	3.72		4.000		93.0	70	130				

Sample ID: **MB-R90726** SampType: **MBLK** Units: **ppbv** Prep Date: **3/31/2024** RunNo: **90726**
Client ID: **MBLKW** Batch ID: **R90726** Analysis Date: **3/31/2024** SeqNo: **1891931**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Isopropyl Alcohol	ND	0.500									
Surr: 4-Bromofluorobenzene	3.20		4.000		80.1	70	130				

Sample ID: **2403447-001AREP** SampType: **REP** Units: **ppbv** Prep Date: **3/31/2024** RunNo: **90726**
Client ID: **BATCH** Batch ID: **R90726** Analysis Date: **3/31/2024** SeqNo: **1891930**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Isopropyl Alcohol	ND	2.00						0		25	
Surr: 4-Bromofluorobenzene	13.6		16.00		85.3	70	130		0		

Sample ID: **LCS-R90724** SampType: **LCS** Units: **ppbv** Prep Date: **4/2/2024** RunNo: **90724**
Client ID: **LCSW** Batch ID: **R90724** Analysis Date: **4/2/2024** SeqNo: **1891894**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Propylene	1.83	0.150	2.000	0	91.6	70	130				
Dichlorodifluoromethane (CFC-12)	1.95	0.0500	2.000	0	97.5	70	130				
Chloromethane	1.41	0.0500	2.000	0	70.7	70	130				
Dichlorotetrafluoroethane (CFC-114)	1.95	0.150	2.000	0	97.3	70	130				
Vinyl chloride	1.93	0.0500	2.000	0	96.7	70	130				
1,3-Butadiene	2.10	0.0500	2.000	0	105	70	130				
Bromomethane	1.87	0.0500	2.000	0	93.3	70	130				
Trichlorofluoromethane (CFC-11)	2.02	0.0500	2.000	0	101	70	130				
Chloroethane	1.85	0.150	2.000	0	92.4	70	130				

Work Order: 2403415
CLIENT: Aerotech
Project: AMG Investments

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method TO-15

Sample ID: **LCS-R90724** SampType: **LCS** Units: **ppbv** Prep Date: **4/2/2024** RunNo: **90724**
Client ID: **LCSW** Batch ID: **R90724** Analysis Date: **4/2/2024** SeqNo: **1891894**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acrolein***	1.84	0.00340	2.000	0	92.0	70	130				
1,1-Dichloroethene (DCE)	2.10	0.0100	2.000	0	105	70	130				
Acetone	2.10	1.00	2.000	0	105	70	130				
Methylene chloride	1.98	0.150	2.000	0	99.2	70	130				
Carbon disulfide	1.93	0.500	2.000	0	96.5	70	130				
trans-1,2-Dichloroethene	1.89	0.0500	2.000	0	94.5	70	130				
Methyl tert-butyl ether (MTBE)	2.11	0.0500	2.000	0	106	70	130				
n-Hexane	1.75	0.500	2.000	0	87.4	70	130				
1,1-Dichloroethane	1.83	0.0100	2.000	0	91.7	70	130				
Vinyl acetate	1.75	0.150	2.000	0	87.6	70	130				
cis-1,2-Dichloroethene	1.91	0.0500	2.000	0	95.3	70	130				
(MEK) 2-Butanone	1.89	0.150	2.000	0	94.6	70	130				
Ethyl acetate	1.76	0.500	2.000	0	88.0	70	130				
Chloroform	1.84	0.0100	2.000	0	92.0	70	130				
Tetrahydrofuran	1.84	0.150	2.000	0	91.9	70	130				
1,1,1-Trichloroethane	1.89	0.0100	2.000	0	94.3	70	130				
Carbon tetrachloride	1.82	0.0100	2.000	0	91.0	70	130				
1,2-Dichloroethane	1.96	0.0100	2.000	0	98.1	70	130				
Benzene	1.73	0.0100	2.000	0	86.6	70	130				
Cyclohexane	2.08	0.150	2.000	0	104	70	130				
Trichloroethene (TCE)	2.23	0.0100	2.000	0	111	70	130				
1,2-Dichloropropane	2.16	0.0500	2.000	0	108	70	130				
Methyl methacrylate	2.04	0.500	2.000	0	102	70	130				
Dichlorobromomethane	2.14	0.0500	2.000	0	107	70	130				
1,4-Dioxane	2.21	0.150	2.000	0	110	70	130				
cis-1,3-dichloropropene	2.32	0.0500	2.000	0	116	70	130				
Toluene	2.23	0.500	2.000	0	112	70	130				
trans-1,3-dichloropropene	1.94	0.150	2.000	0	97.1	70	130				
1,1,2-Trichloroethane (TCA)	2.23	0.0100	2.000	0	112	70	130				
Tetrachloroethene (PCE)	2.28	0.500	2.000	0	114	70	130				
Dibromochloromethane	2.11	0.0500	2.000	0	105	70	130				
1,2-Dibromoethane (EDB)***	2.29	0.000534	2.000	0	115	70	130				

Work Order: 2403415
CLIENT: Aerotech
Project: AMG Investments

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method TO-15

Sample ID: **LCS-R90724** SampType: **LCS** Units: **ppbv** Prep Date: **4/2/2024** RunNo: **90724**
Client ID: **LCSW** Batch ID: **R90724** Analysis Date: **4/2/2024** SeqNo: **1891894**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chlorobenzene	1.86	0.0100	2.000	0	93.2	70	130				
Ethylbenzene	1.97	0.500	2.000	0	98.5	70	130				
m,p-Xylene	3.68	1.00	4.000	0	91.9	70	130				
o-Xylene	1.79	0.500	2.000	0	89.5	70	130				
Styrene	2.10	0.150	2.000	0	105	70	130				
Bromoform	2.04	0.0500	2.000	0	102	70	130				
1,1,2,2-Tetrachloroethane	1.89	0.0500	2.000	0	94.3	70	130				
1,3,5-Trimethylbenzene	1.91	0.150	2.000	0	95.5	70	130				
1,2,4-Trimethylbenzene	1.82	0.500	2.000	0	91.2	70	130				
Benzyl chloride	1.77	0.150	2.000	0	88.6	70	130				
4-Ethyltoluene	2.03	0.150	2.000	0	101	70	130				
1,3-Dichlorobenzene	2.03	0.0500	2.000	0	102	70	130				
1,4-Dichlorobenzene	1.93	0.0500	2.000	0	96.5	70	130				
1,2-Dichlorobenzene	2.05	0.0500	2.000	0	102	70	130				
1,2,4-Trichlorobenzene	2.13	0.150	2.000	0	106	70	130				
Hexachlorobutadiene	1.91	0.0500	2.000	0	95.4	70	130				
Naphthalene	2.01	0.0140	2.000	0	101	70	130				
2-Hexanone	1.85	0.150	2.000	0	92.4	70	130				
4-Methyl-2-pentanone (MIBK)	1.79	0.150	2.000	0	89.5	70	130				
CFC-113	1.87	0.150	2.000	0	93.3	70	130				
Heptane	2.01	0.150	2.000	0	100	70	130				
Surr: 4-Bromofluorobenzene	4.14		4.000		103	70	130				

Sample ID: **MB-R90724** SampType: **MBLK** Units: **ppbv** Prep Date: **4/2/2024** RunNo: **90724**
Client ID: **MBLKW** Batch ID: **R90724** Analysis Date: **4/2/2024** SeqNo: **1891895**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Propylene	ND	0.150									
Dichlorodifluoromethane (CFC-12)	ND	0.0500									
Chloromethane	ND	0.0500									
Dichlorotetrafluoroethane (CFC-114)	ND	0.150									

Work Order: 2403415
CLIENT: Aerotech
Project: AMG Investments

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method TO-15

Sample ID: **MB-R90724** SampType: **MBLK** Units: **ppbv** Prep Date: **4/2/2024** RunNo: **90724**
Client ID: **MBLKW** Batch ID: **R90724** Analysis Date: **4/2/2024** SeqNo: **1891895**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0500									
1,3-Butadiene	ND	0.0500									
Bromomethane	ND	0.0500									
Trichlorofluoromethane (CFC-11)	ND	0.0500									
Chloroethane	ND	0.150									
Acrolein***	ND	0.00340									
1,1-Dichloroethene (DCE)	ND	0.0100									
Acetone	ND	1.00									
Methylene chloride	ND	0.150									
Carbon disulfide	ND	0.500									
trans-1,2-Dichloroethene	ND	0.0500									
Methyl tert-butyl ether (MTBE)	ND	0.0500									
n-Hexane	ND	0.500									
1,1-Dichloroethane	ND	0.0100									
Vinyl acetate	ND	0.150									
cis-1,2-Dichloroethene	ND	0.0500									
(MEK) 2-Butanone	ND	0.150									
Ethyl acetate	ND	0.500									
Chloroform	ND	0.0100									
Tetrahydrofuran	ND	0.150									
1,1,1-Trichloroethane	ND	0.0100									
Carbon tetrachloride	ND	0.0100									
1,2-Dichloroethane	ND	0.0100									
Benzene	ND	0.0100									
Cyclohexane	ND	0.150									
Trichloroethene (TCE)	ND	0.0100									
1,2-Dichloropropane	ND	0.0500									
Methyl methacrylate	ND	0.500									
Dichlorobromomethane	ND	0.0500									
1,4-Dioxane	ND	0.150									
cis-1,3-dichloropropene	ND	0.0500									
Toluene	ND	0.500									

Work Order: 2403415
CLIENT: Aerotech
Project: AMG Investments

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method TO-15

Sample ID: **MB-R90724** SampType: **MBLK** Units: **ppbv** Prep Date: **4/2/2024** RunNo: **90724**
Client ID: **MBLKW** Batch ID: **R90724** Analysis Date: **4/2/2024** SeqNo: **1891895**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,3-dichloropropene	ND	0.150									
1,1,2-Trichloroethane (TCA)	ND	0.0100									
Tetrachloroethene (PCE)	ND	0.500									
Dibromochloromethane	ND	0.0500									
1,2-Dibromoethane (EDB)***	ND	0.000534									
Chlorobenzene	ND	0.0100									
Ethylbenzene	ND	0.500									
m,p-Xylene	ND	1.00									
o-Xylene	ND	0.500									
Styrene	ND	0.150									
Bromoform	ND	0.0500									
1,1,2,2-Tetrachloroethane	ND	0.0500									
1,3,5-Trimethylbenzene	ND	0.150									
1,2,4-Trimethylbenzene	ND	0.500									
Benzyl chloride	ND	0.150									
4-Ethyltoluene	ND	0.150									
1,3-Dichlorobenzene	ND	0.0500									
1,4-Dichlorobenzene	ND	0.0500									
1,2-Dichlorobenzene	ND	0.0500									
1,2,4-Trichlorobenzene	ND	0.150									
Hexachlorobutadiene	ND	0.0500									
Naphthalene	ND	0.0140									
2-Hexanone	ND	0.150									
4-Methyl-2-pentanone (MIBK)	ND	0.150									
CFC-113	ND	0.150									
Heptane	ND	0.150									
Surr: 4-Bromofluorobenzene	3.46		4.000		86.6	70	130				

Work Order: 2403415
CLIENT: Aerotech
Project: AMG Investments

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method TO-15

Sample ID: **2403447-001AREP** SampType: **REP** Units: **ppbv** Prep Date: **4/2/2024** RunNo: **90724**
Client ID: **BATCH** Batch ID: **R90724** Analysis Date: **4/2/2024** SeqNo: **1891914**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Propylene	ND	0.600						0		25	
Dichlorodifluoromethane (CFC-12)	0.886	0.200						0.8860	0.0316	25	
Chloromethane	ND	0.200						0		25	
Dichlorotetrafluoroethane (CFC-114)	ND	0.600						0		25	
Vinyl chloride	ND	0.200						0		25	
1,3-Butadiene	ND	0.200						0		25	
Bromomethane	ND	0.200						0		25	
Trichlorofluoromethane (CFC-11)	1.83	0.200						1.781	2.48	25	
Chloroethane	ND	0.600						0		25	
Acrolein***	0.0825	0.0136						0.07920	4.11	25	
1,1-Dichloroethene (DCE)	ND	0.0400						0		25	
Acetone	ND	4.00						0		25	
Methylene chloride	ND	0.600						0		25	
Carbon disulfide	5.64	2.00						5.684	0.853	25	
trans-1,2-Dichloroethene	0.423	0.200						0.4378	3.40	25	
Methyl tert-butyl ether (MTBE)	ND	0.200						0		25	
n-Hexane	ND	2.00						0		25	
1,1-Dichloroethane	ND	0.0400						0		25	
Vinyl acetate	ND	0.600						0		25	
cis-1,2-Dichloroethene	1.33	0.200						1.359	2.22	25	
(MEK) 2-Butanone	ND	0.600						0.6221	10.5	25	
Ethyl acetate	ND	2.00						0		25	
Chloroform	2.15	0.0400						2.189	1.62	25	
Tetrahydrofuran	ND	0.600						0		25	
1,1,1-Trichloroethane	1.19	0.0400						1.210	1.99	25	
Carbon tetrachloride	0.328	0.0400						0.3312	0.910	25	
1,2-Dichloroethane	ND	0.0400						0		25	
Benzene	0.204	0.0400						0.2028	0.629	25	
Cyclohexane	ND	0.600						0		25	
Trichloroethene (TCE)	5.28	0.0400						5.391	2.08	25	
1,2-Dichloropropane	ND	0.200						0		25	
Methyl methacrylate	ND	2.00						0		25	

Work Order: 2403415
CLIENT: Aerotech
Project: AMG Investments

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method TO-15

Sample ID: **2403447-001AREP** SampType: **REP** Units: **ppbv** Prep Date: **4/2/2024** RunNo: **90724**
Client ID: **BATCH** Batch ID: **R90724** Analysis Date: **4/2/2024** SeqNo: **1891914**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorobromomethane	ND	0.200						0		25	
1,4-Dioxane	ND	0.600						0		25	
cis-1,3-dichloropropene	ND	0.200						0		25	
Toluene	ND	2.00						0		25	
trans-1,3-dichloropropene	ND	0.600						0		25	
1,1,2-Trichloroethane (TCA)	ND	0.0400						0		25	
Tetrachloroethene (PCE)	215	2.00						216.0	0.619	25	E
Dibromochloromethane	ND	0.200						0		25	
1,2-Dibromoethane (EDB)***	ND	0.00214						0		25	
Chlorobenzene	ND	0.0400						0		25	
Ethylbenzene	ND	2.00						0		25	
m,p-Xylene	ND	4.00						0		25	
o-Xylene	ND	2.00						0		25	
Styrene	ND	0.600						0		25	
Bromoform	ND	0.200						0		25	
1,1,2,2-Tetrachloroethane	ND	0.200						0		25	
1,3,5-Trimethylbenzene	ND	0.600						0		25	
1,2,4-Trimethylbenzene	ND	2.00						0		25	
Benzyl chloride	ND	0.600						0		25	
4-Ethyltoluene	ND	0.600						0		25	
1,3-Dichlorobenzene	ND	0.200						0		25	
1,4-Dichlorobenzene	ND	0.200						0		25	
1,2-Dichlorobenzene	ND	0.200						0		25	
1,2,4-Trichlorobenzene	ND	0.600						0		25	
Hexachlorobutadiene	ND	0.200						0		25	
Naphthalene	0.144	0.0560						0.1534	6.43	25	
2-Hexanone	ND	0.600						0		25	
4-Methyl-2-pentanone (MIBK)	ND	0.600						0		25	
CFC-113	ND	0.600						0		25	
Heptane	ND	0.600						0		25	
Surr: 4-Bromofluorobenzene	15.0		16.00		93.6	70	130		0		

Fremont Analytical
An Alliance Technical Group Company

Sample Log-In Check List

Client Name:	AEROTE	Work Order Number:	2403415
Logged by:	Clare Griggs	Date Received:	3/22/2024 11:55:00 AM

Chain of Custody

1.	Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
2.	How was the sample delivered?	Client		

Log In

3.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes ☐	No ☐	Not Present ☑
4.	Was an attempt made to cool the samples?	Yes ☐	No ☐	NA ☑
5.	Were all items received at a temperature of >2°C to 6°C *	Yes ☐	No ☐	NA ☑
6.	Sample(s) in proper container(s)?	Yes ☑	No ☐	
7.	Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
8.	Are samples properly preserved?	Yes ☑	No ☐	
9.	Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
10.	Is there headspace in the VOA vials?	Yes ☐	No ☐	NA ☑
11.	Did all samples containers arrive in good condition(unbroken)?	Yes ☑	No ☐	
12.	Does paperwork match bottle labels?	Yes ☑	No ☐	
13.	Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
14.	Is it clear what analyses were requested?	Yes ☑	No ☐	
15.	Were all hold times (except field parameters, pH e.g.) able to be met?	Yes ☑	No ☐	

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified:		Date:	
By Whom:		Via:	☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:			
Client Instructions:			

17. Additional remarks:

Item Information

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Air Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical — An Alliance Technical Group Company

3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790

Date: 03/22/24 Page: 1 of: 1

Laboratory Project No (Internal): 2403415

Project Name: AMG INVESTMENTS

Special Remarks:

Project No: 240-021

Client: AEROTECH

Address:

Location:

City, State, Zip:

Collected by:

Telephone: (360) 710-5899

Reports to (PM):

Disposal: Samples will be disposed of one week after report is submitted unless otherwise requested. ☐ Retain volume (specify above) ☐ Return to client

Fax:

Email (PM):

Sample Name	Canister / Flow Reg Serial #	Sample Type (Matrix) *	Container Type **	Expected Fill Time / Flow Rate	Sample Start Date & Time	Field Initial Sample Pressure (" Hg)	Sample End Date & Time	Field Final Sample Pressure (" Hg)	Analysis: Full list VOCs TO15	Select VOCs TO15 ***	APH TO15	Siloxanes TO15	Sulfur TO15	Major Gases 3C	Helium 3C Mod	VOCs 8260	GX/BTEX 8260		Comments
1 INTERIOR	10942 / FR8-39	IA	6L	8HR	03/21	-29	03/21	-4											
2 BACKGROUND	34758 / FR8-35	OA	6L	8HR	03/21	-30	03/21	-4											
3 INTERSTITUAL	17242 / FR8-36	S	6L	8HR	03/21	-30	03/21	-5											
4																			
5																			

* Matrix Codes: AA = Ambient Air OA = Outdoor Air IA = Indoor Air S = Subslab / Soil Gas SVE = SVE RNG = Biogas / Landfill / Digester

** Container Codes: BV = 1 Liter Bottle Vac 6L = 6L Canister 1L = 1L Canister CYL = High Pressure Cylinder F = Filter S = Sorbent Tube TB = Tedlar Bag

*** Select one: ☐ BTEXN & APH ☐ PCE & Breakdown ☐ Other, specify in comments

Turn-Around Time:
☒ Standard ☐ Next Day ☐ 3 Day ☐ Same Day ☐ 2 Day _____ specify

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above, that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x Laura Olsen	LAURA OLSEN	3/22/24	x	Nathan Waffle	3/22/24 1155
Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x			x		

Air Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical — An Alliance Technical Group Company

3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790

Date: 03/22/24 Page: 1 of: 1

Laboratory Project No (Internal): 2403415

Project Name: AMG INVESTMENTS

Special Remarks:

Edits per J.F. 3/25/2024 -BB

Project No: 240-021

Client: AEROTECH

Address:

Location:

City, State, Zip:

Collected by:

Telephone: (360) 710-5899

Reports to (PM):

Disposal: Samples will be disposed of one week after report is submitted unless otherwise requested. ☐ Retain volume (specify above) ☐ Return to client

Fax:

Email (PM):

	Sample Name	Canister / Flow Reg Serial #	Sample Type (Matrix) *	Container Type **	Expected Fill Time / Flow Rate	Sample Start Date & Time	Field Initial Sample Pressure (" Hg)	Sample End Date & Time	Field Final Sample Pressure (" Hg)	Analysis: Full list VOCs TO15	Select VOCs TO15 ***	APH TO15	Siloxanes TO15	Sulfur TO15	Major Gases 3C	Helium 3C Mod	VOCs 8260	GX/BTEX 8260		Comments
1	INTERIOR	10942 / FR8-39	IA	6L	8HR	03/21	-29	03/21	-4	X		X								
2	~~BACKGROUND~~ Exterior	34758 / FR8-35	OA	6L	8HR	03/21	-30	03/21	-4	X		X								
3	Crawl Space ~~INTERSTITIAL~~	17242 / FR8-36	~~OA~~	6L	8HR	03/21	-30	03/21	-5	X		X								
4																				
5																				

* Matrix Codes: AA = Ambient Air OA = Outdoor Air IA = Indoor Air S = Subslab / Soil Gas SVE = SVE RNG = Biogas / Landfill / Digester

** Container Codes: BV = 1 Liter Bottle Vac 6L = 6L Canister 1L = 1L Canister CYL = High Pressure Cylinder F = Filter S = Sorbent Tube TB = Tedlar Bag

*** Select one: ☐ BTEXN & APH ☐ PCE & Breakdown ☐ Other, specify in comments

Turn-Around Time:
☒ Standard ☐ Next Day ☐ 3 Day ☐ Same Day ☐ 2 Day ____ specify

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above, that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x Laura Olsen	LAURA OLSEN	3/22/24	x	Nathan Waffle	3/22/24 1155
Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x			x		