September 18, 2024

Ms. Cecilia Henderson
Washington State Department of Ecology
NWRO Toxics Cleanup Program
PO Box 330316
Shoreline, WA 98133

RE: Response to Ecology Opinion Letter
Manor Market
3609 164th Street SW
Lynnwood, Washington 98087-7017
Facility/Site ID #77492944
VCP #NW2621

Dear Ms. Henderson:

AEG Atlas, LLC (AEG) is pleased to present this memorandum for the project listed above in Lynnwood, Washington (Site). This memorandum is a second response to the Washington State Department of Ecology (Ecology) opinion letter, dated August 26, 2020, and includes a summary of additional work performed to address some of Ecology's comments. The comments provided by Ecology in their letter (*in italics*), along with AEG responses, are outlined below.

RESPONSE TO ECOLOGY COMMENTS

1) *Contamination on the Site is related to three 12,000-gallon gasoline USTs that were decommissioned and replaced in 1998. Soil in place on the Site contains TPH-G, benzene, ethylbenzene, xylenes and MTBE at concentrations exceeding Method A cleanup levels. Single ground water sampling events in 2018 and 2019 indicated that TPH-G, benzene and MTBE are present at concentrations exceeding Method A cleanup levels in several monitoring wells.*

   The concentration of TPH-G in monitoring well MW-6 located at the south Property line in December 2019 was 1,830 micrograms per liter (µg/L), the highest measured in the well since installation in 2015 and above Method A. Benzene was also detected above Method A at 147 µg/L, the second highest concentration measured since the well was installed. These exceedances are most likely from a residual source of TPH-G in soil on the Site.

   As of December 2019, MTBE still exceeds the Method A cleanup level (20 µg/L) in monitoring wells MW-1, MW-3 and MW-4 at concentrations ranging from 25 to 700 µg/L. These exceedances are most likely from a residual source in soil on the Site which may be separate

from contamination impacting MW-6, since MTBE has been detected there once, in 2016, at a concentration of 2.4 µg/L.

AEG Response: AEG understands residual groundwater contamination is still present at select well locations. However, groundwater flow direction has consistently been to the east at this Site, and other downgradient wells (MW-2, MW-10, and MW-11) are present and represent conditional points of compliance (CPOCs). These CPOCs would be monitored over the long term to ensure the plume remains stable and does not migrate off the property.

Groundwater monitoring data collected to date is included in Table 2, *Summary of Groundwater Analytical Results*. Based on the data collected to date, concentrations of MTBE in wells MW-10 and MW-11 have either been non-detect or below MTCA cleanup levels. That said, MTBE was detected in MW-2 just above MTCA cleanup levels in October 2023 and January 2024 before dipping back below MTCA cleanup levels in April 2024. To further explore this exceedance, AEG advanced a boring (B-6) within the 36th Avenue right-of-way (ROW) to the east of the CPOC wells. Due to the presence of utilities and heavy traffic, the boring was located as depicted on Figure 2, *Site Map*. This boring was advanced up to 46.5 feet below ground surface (bgs). No evidence of groundwater was noted in the boring throughout the soil column.

Likewise, during this same event, a boring (B-5) was advanced in the 164th Street ROW to the south to define the gasoline impacts identified in groundwater in MW-6, which have significantly decreased since July 2023 (see Table 2). This boring was advanced to 46.0 feet bgs, and no groundwater was encountered within the soil column. The data from borings B-5 and B-6 suggest that the shallow aquifer beneath the Site consists of discontinuous perched zones. This is consistent with the highly variable depths to groundwater documented in Site wells. As such, while concentrations of Site contaminants of concern (COCs) still exceed MTCA cleanup levels in selected Site wells, there does not appear to be a mechanism for the groundwater to migrate off property. Further, soil data collected throughout the soil column of these borings was all non-detect, indicating no evidence of off-property migration of contaminated groundwater. This soil data is presented in Table 1, *Summary of Soil Analytical Results*. Boring logs for B-5 and B-6 are included in Appendix A.

2) *FS Alternative 1 which includes natural attenuation, containment and institutional controls was selected as the recommended remedial alternative. In Alternative 1, containment refers to overburden soil and asphalt that are already in place rather than an engineered cap designed as a component of the remedy.*

   As per WAC 173-340-360 (2)(e)(iii), cleanup actions should not rely primarily on institutional controls and monitoring where it is technically feasible to implement a more permanent cleanup action for all or a portion of the site. Further, as per WAC 173-340-440(1),

institutional controls are measures undertaken to limit or prohibit activities that may interfere with the integrity of an interim action or cleanup action or that may result in exposure to hazardous substances at a site.

Natural attenuation is not considered a remedy in and of itself. Also, the report provides no evidence or Site-specific data to demonstrate that natural attenuation processes are currently active on the Site and thus how it would achieve cleanup of the Site in the estimated restoration time frame of 10 to 15 years. Additionally, it is unclear how the restoration time frame was estimated. Ecology does not consider 10 to 15 years to be a reasonable restoration time frame following a remedial action.

The description of natural attenuation in Section 6.2.1 does not include details about geochemical parameters that would be analyzed for to indicate the progress of natural attenuation other than decreased concentrations of Site contaminants of concern. Without monitoring of geochemical parameters, reduced concentrations of Site contaminants in ground water cannot be attributed to natural attenuation.

AEG Response: It was not AEG's intent to suggest natural attenuation, containment, and institutional controls be the sole remedy for the Site. The Site has already undergone a significant cleanup in 1998. As part of that action, about 1,000 tons of petroleum-contaminated soil (PCS) and 2,800 gallons of impacted water was transported off Site for disposal. Excavation was completed to the maximum extent practicable. Residual impacts summarized in AEG's Remedial Investigation and Feasibility Study (RI/FS) Report, dated April 29, 2020, are localized and limited in extent.

The Disproportionate Cost Analysis provided in the RI/FS Report included other alternatives that were significantly more costly than Alternative 1, and disproportionate to the added benefit value. Further, neither alternative would likely result in achieving MTCA cleanup standards without still needing an environmental covenant (EC). The additional benefit gained by the limited exposure pathways present at the Site does not justify the cost of the more active remedies.

The entire Site is in commercial use and is completely covered in asphalt, concrete, and/or the Site building. With an EC in place, there is no direct contact exposure. The Site is on city water, and groundwater beneath the Site is not a current or potential future source of drinking water. Having an EC in place would ensure it remains that way. Further, while residual PCS may be leaching into groundwater, data collected to date has shown those impacts to be limited in extent with no mechanism for off-property migration given the discontinuous nature of the perched groundwater zone. Given the volume of PCS removed to date, empirical groundwater data does not suggest a significant PCS source remaining to continue to leach into groundwater over time.

With respect to monitored natural attenuation (MNA), AEG collected field parameters, such as dissolved oxygen, conductivity, and oxidation reduction potential (ORP), during groundwater monitoring events performed at the Site. These values, collected since 2018, are included in Table 6, *Summary of Water Quality Indicator Parameters*. Using this data, along with evaluating trends in the groundwater data, the data suggests MNA is successfully reducing contaminant concentrations at the Site. For example, MW-6 has shown a decreasing trend in gasoline and benzene concentrations since 2019, which correlates to an increasing trend in ORP indicating more oxidizing conditions.

With respect to air, see AEG's response to the next comment below.

3) *The November 2019 sampling round indicated that benzene and naphthalene in indoor air exceed the Method B indoor air screening levels. It is unclear how Alternative 1 would address this hazardous condition.*

AEG Response: It is AEG's professional opinion that the data collected to date does not suggest a hazardous condition exists. While benzene and naphthalene may have exceeded their respective Method B cleanup levels for indoor air, the results of the sub-slab vapor sample collected during the same event were below Method B screening levels for benzene, and non-detect for naphthalene. An exceedance of the Method B sub-slab screening level indicates that constituent is present at a concentration that has the potential to migrate into indoor air. Also, this event occurred during the winter months, which is considered worst-case scenario conditions for vapor intrusion. Based on these statements, the data does not support the source of benzene and naphthalene in indoor air being from soil or groundwater impacts, but rather more likely associated with daily operations of the Site as an active fueling station and the door to the building constantly being opened and closed by customers.

AEG understands that benzene was detected in the sub-slab vapor in May 2018; however, that sample was collected using a Tedlar bag (instead of a Summa canister, which was used in November 2019), and was likely exposed to background interference, which is a common side effect of Tedlar bags (AEG strictly uses only Summa canisters now). The drastic difference in benzene concentrations between the two events doesn't make sense otherwise.

In October 2023, AEG conducted a vapor intrusion assessment by collecting two indoor air samples (Indoor1- and Indoor2-231018) and one ambient air sample (Ambient-231018), along with two sub-slab vapor samples (SS1- and SS2-231018) collected in conjunction with the air samples, and submitted to Friedman-Bruya, a Washington-State accredited analytical laboratory for analysis. The analytical results of the sub-slab vapor samples were either non-detect or below screening levels with the exception of sample SS1-231018, which indicated tetrachloroethylene (PCE) and trichloroethylene (TCE) were present at concentrations exceeding MTCA Method B screening

levels for commercial workers. This sample was collected from the vapor pin installed in the neighboring former dry cleaner tenant space (Crystal Cleaners), which is likely the source of these detections.

To further underline the point that naphthalene and benzene are not migrating from soil to indoor air, the analytical results of indoor air sample Indoor1-231018 indicated that benzene and naphthalene were present at concentrations exceeding screening levels; however, the sub-slab vapor sample SS2-231018 collected adjacent to the indoor air sample was non-detect for both benzene and naphthalene. Analytical results of indoor air and sub-slab vapor samples are presented in Table 3, *Summary of Indoor Air Analytical Results*, and Table 4, *Summary of Sub-Slab Vapor Analytical Results*, respectively.

4) *Ecology prefers the selection of a more robust cleanup option such as Alternatives 2 and 3 that will minimize the estimated restoration time frame. The alternative benefit values are nearly twice as much as Alternative 1 according to the disproportionate cost analysis.*

AEG Response: Understood; however, those alternatives are cost disproportionate. Although the alternative benefit values are nearly twice as much as AEG's preferred alternative, the costs to complete the other two alternatives are up to five times more than the cost of the preferred alternative. Also, for the reasons noted above, very little additional benefit is gained by implementing those alternatives with respect to the limited exposure pathways present at the Site, which is currently completely capped with asphalt, concrete, buildings, and infrastructure, and is an operating fueling station. Also, as previously stated, even if the other alternatives were implemented, it's likely institutional controls would still be needed.

5) *Four consecutive quarters of ground water monitoring data below cleanup levels are needed in order for Ecology to consider a No Further Action determination for the Site or the Property.*

AEG Response: If CPOCs are used at the Site, four clean quarters are only needed at the CPOCs, not throughout the Site. At least four rounds of consecutive data from the CPOC wells have been shown to be either non-detect or below MTCA cleanup levels, except for MW-2, which had two detections of MTBE just above the MTCA Method A cleanup level in October 2023 and January 2024, before dropping below the cleanup level again in April 2024. While this may be indicative of plume movement, the additional borings completed by AEG as noted above have shown this groundwater zone to be discontinuous, and there is no mechanism for off-property migration.

6) *If Alternative 1 is implemented, Ecology suggests that the Site be self-terminated from the VCP and re-enrolled as an independent cleanup once a minimum of four consecutive quarters of ground water data below applicable cleanup levels are achieved. It is unlikely an*

environmental covenant could be placed on the Property with ground water concentrations exceeding cleanup levels.

AEG Response: See responses above.

7) *Figure 3: The extent of MTBE in soil has not been delineated as shown on the figure. Besides exceedances in MW-4 and MW-6, only soil in MW-5, MW-10 and MW-11 was analyzed for MTBE and contained non-detectable concentrations. The extent is potentially a much larger area than what is shown on the figure.*

AEG Response: AEG returned to the Site in October 2023 to further delineate the extent of contamination associated with the historical release. AEG advanced four soil borings (B-5 through B-8) up to 45 feet bgs in areas not previously defined. Soil borings B-5 and B-6 were advanced in the 164th Street SW and 36th Avenue W ROWs, respectively, to investigate off-Site impacts. Borings B-7 and B-8 were advanced near the northern and western property boundaries, respectively. Soil samples were collected at approximately 5-foot intervals to the total depth of the boring and submitted to a Washington-State accredited analytical laboratory for the analysis of gasoline-range TPH, BTEX, and MTBE. Analytical results of all soil samples collected were non-detect for their respective analyses. As such, it is the opinion of AEG that the extent of impacted soil has been sufficiently delineated and appears to be limited to areas within the property boundary. This soil data is presented in Table 1, *Summary of Soil Analytical Results*. Boring locations are illustrated on Figure 2, *Site Map*. Boring logs are included in Appendix A.

8) *Figures 5, 6 and 7: Data collected in all borings in the cross-section should be shown or included in the notes if all non-detectable results. It would be helpful to also show the most recent ground water monitoring data on the cross-sections.*

AEG Response: The cross sections have been updated to include AEG's latest borings (B-5 through B-8). Data flags are included for any results above MTCA cleanup levels, and a note was added to the Legend for results below MTCA cleanup levels. AEG does not typically include groundwater data in the cross sections as they are a snapshot in time, and it is not reasonable to update the cross sections with each subsequent monitoring event.

9) *Figures 9, 10 and 11: The 575-foot ground water elevation contour line is missing.*

AEG Response: It is AEG's opinion that sufficient contour lines are present to illustrate the gradient at the Site.

10) *Figure 12: Ground water elevation data is missing from Site monitoring wells MW-7, MW-8 and MW-9 which were not gauged in the December 2, 2019 sampling event. All monitoring*

wells should be gauged even if they are not being sampled. This data helps to confirm the consistency of the direction of the hydraulic gradient. The ground water elevation measured at MW-6 appears anomalous or mounding, as noted in the past, is occurring at that location.

AEG Response: Monitoring wells MW-7, MW-8, and MW-9 were gauged during the four groundwater monitoring events conducted since 2019, and the data was used in creating the attached groundwater elevation contour maps.

11) *Chart 1: Please check the legend for the bar chart color of 'Cost per Benefit Value' and correct if needed.*

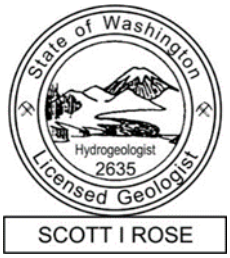
AEG Response: AEG adjusted the colors to match. A revised chart is attached.

If you have any comments or questions, please contact our office at your convenience.

Sincerely,

AEG Atlas, LLC

Scott Rose, L.H.G.
Director of Technical Services



Attachments: Figure 1 – *Vicinity Map*
Figure 2 – *Site Map*
Figure 3 – *Groundwater Elevation Contour Map 07/12/2023*
Figure 4 – *Groundwater Elevation Contour Map 10/26/2023*
Figure 5 – *Groundwater Elevation Contour Map 01/03/2024*
Figure 6 – *Groundwater Elevation Contour Map 04/24/2024*
Figure 7 – *Cross-Section Index Map with Soil Plume*
Figure 8 – *Cross-Section A-A'*
Figure 9 – *Cross-Section B-B'*
Figure 10 – *Cross-Section C-C'*

Table 1 – *Summary of Soil Analytical Results*
Table 2 – *Summary of Groundwater Analytical Results*
Table 3 – *Summary of Indoor Air Analytical Results*
Table 4 – *Summary of Sub-Slab Vapor Analytical Results*
Table 5 – *Summary of Groundwater Elevations*

Table 6 – *Summary of Water Quality Indicator Parameters*
Chart 1 – *Disproportionate Cost Analysis*

Appendix A – Supporting Documents:
Boring Logs
Laboratory Datasheets

FIGURES

2633 Parkmont Lane SW, Suite A • Olympia, WA • 98502-5751
Phone: 360-352-9835 • Fax: 360-352-8164 • Email: admin@aegwa.com

FILENAME	DRAWN BY		CHECKED BY		APPROVED BY		PROJECT NUMBER
11-124_16Q2.DWG	ICD	5/9/2016	DB	5/9/2016	DB	5/9/2016	11-124

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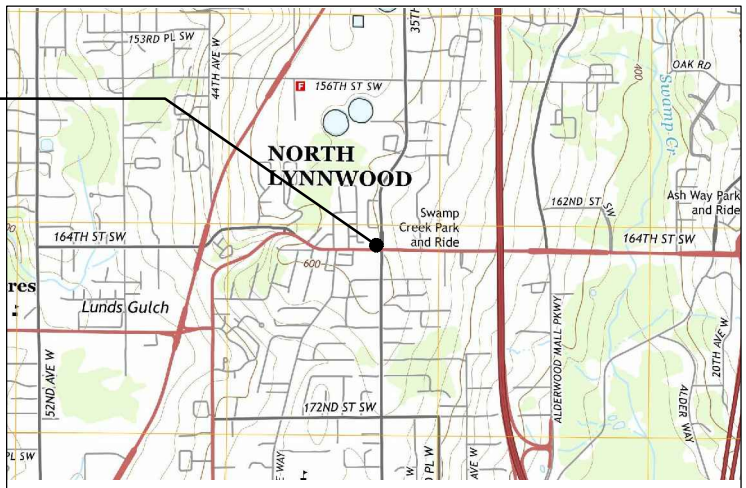
PROJECT LOCATION



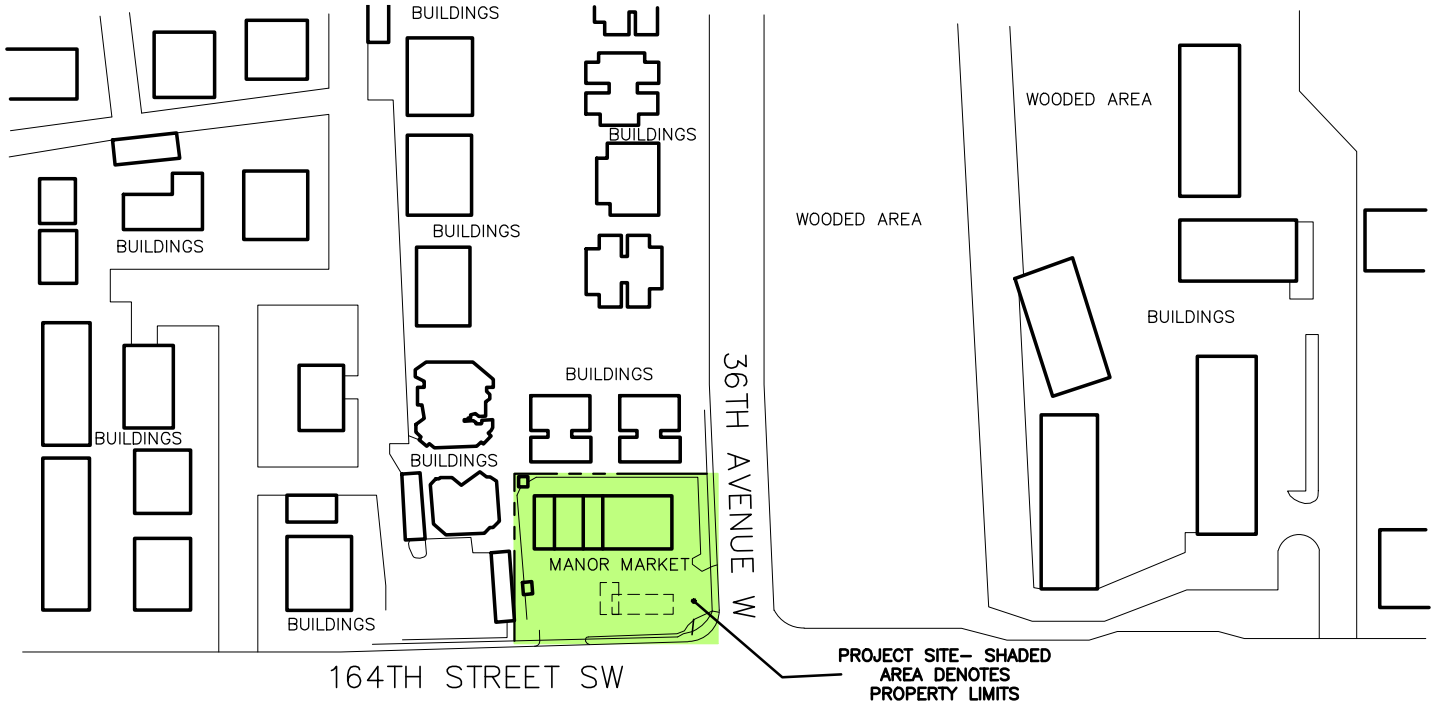
VICINITY MAP

NOTES

1. THE LOCATIONS OF ALL FEATURES SHOWN ARE APPROXIMATE
2. THIS DRAWING IS FOR INFORMATION PURPOSES. IT IS INTENDED TO ASSIST IN SHOWING FEATURES DISCUSSED IN AN ATTACHED DOCUMENT.

REFERENCE

DRAWING CREATED FROM AERIAL PHOTOGRAPH AND NOTES PROVIDED BY AEG, LLC.
VICINITY IMAGE SOURCE: U.S. GEOLOGICAL SURVEY–2014, 7.5 MINUTE QUADRANGLE MAP
EDMONDS EAST, WASHINGTON



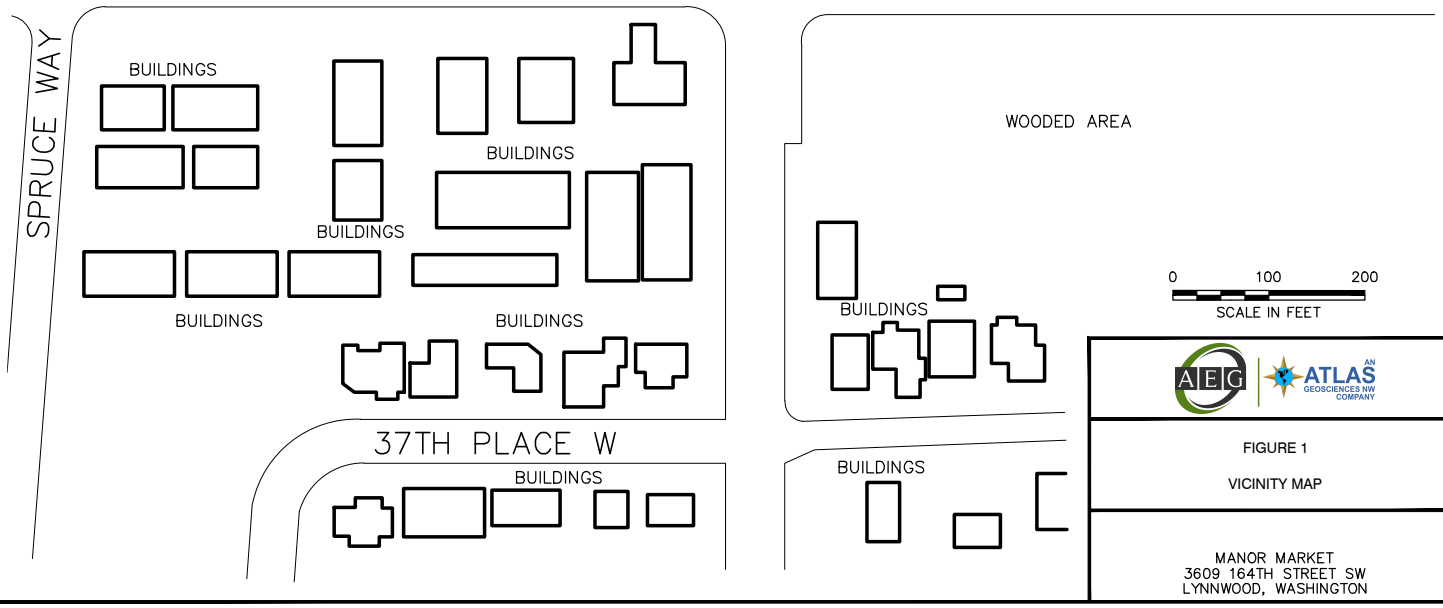


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FIGURE 1

VICINITY MAP

MANOR MARKET
3609 164TH STREET SW
LYNNWOOD, WASHINGTON

PROJECT NUMBER	11-124
APPROVED BY	PH 11/15/2023
CHECKED BY	PH 11/15/2023
DRAWN BY	JGM 11/15/2023
FILENAME	11-124_ALL.DWG

SOURCE: 2022 AERIAL PHOTOGRAPHY; © GOOGLE

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LEGEND

- APPROXIMATE PROPERTY LINE
- MW-1 GROUNDWATER MONITORING WELL LOCATION
- B-1 SOIL BORING LOCATION
- B-4 SOIL BORING LOCATION (AEG 2018 – SPRUCE MARKET
- S-1 SOIL BORING LOCATION (ENVITECH, LLC 2011)
- SS1 SUB SLAB LOCATIONS
- INDOOR-1 AIR SAMPLE LOCATIONS
- EXTENT OF EXCAVATION (Quest 1998)
- CATCH BASIN
- UE UE BURIED ELECTRICAL LINE
- UT UT BURIED COMMUNICATION LINE
- W W WATER LINE
- ST ST STORMWATER DRAIN LINE
- S S SANITARY SEWER LINE
- G G BURIED NATURAL GAS LINE

NOTES

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FIGURE 2

SITE MAP

MANOR MARKET
3609 164TH STREET SW
LYNNWOOD, WASHINGTON

PROJECT NUMBER	APPROVED BY	CHECKED BY	DRAWN BY	FILENAME
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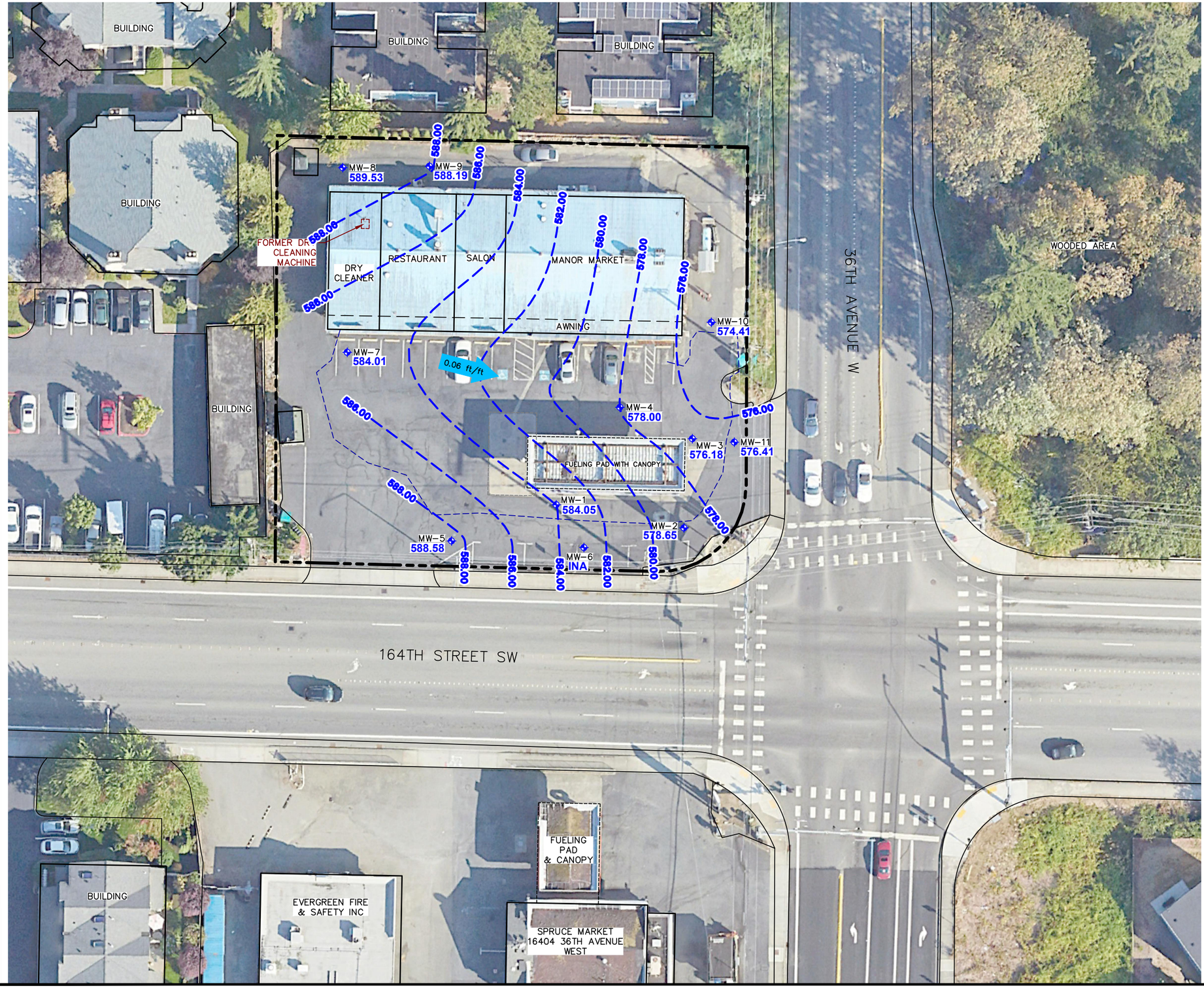

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- APPROXIMATE PROPERTY LINE
- MW-1 — GROUNDWATER MONITORING WELL LOCATION
- EXTENT OF EXCAVATION (Quest 1998)
- 574.69 — GROUNDWATER ELEVATION (FEET)
- 578.00 — GROUNDWATER ELEVATION CONTOUR LINE (FEET)
- 0.06 ft/ft — APPROXIMATE GROUNDWATER GRADIENT DIRECTION (ft/ft)

NOTES

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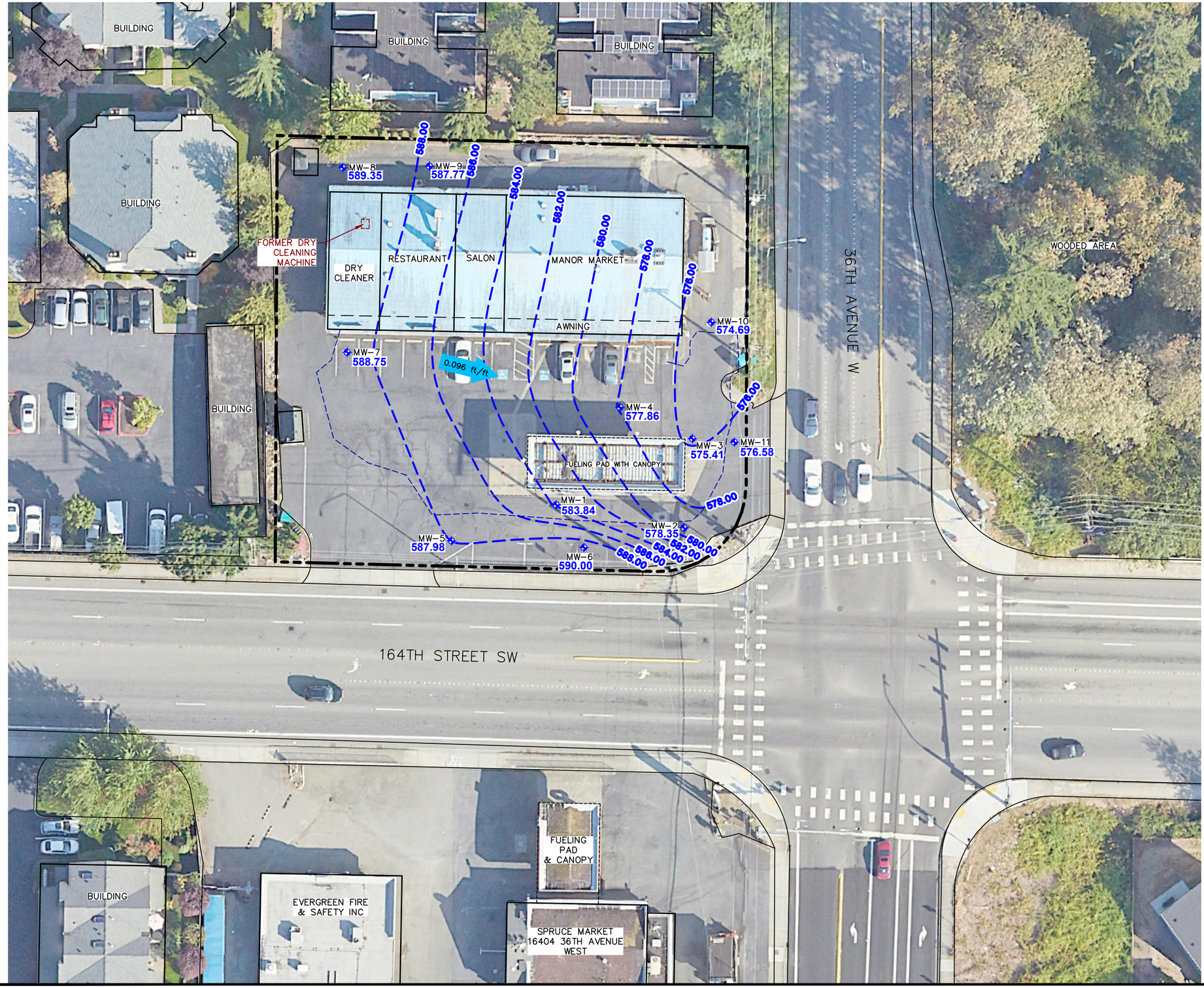
FIGURE 3

GROUNDWATER ELEVATION CONTOUR MAP
07/12/2023

MANOR MARKET
3609 164TH STREET SW
LYNNWOOD, WASHINGTON

FILENAME	DRAWN BY	CHECKED BY	APPROVED BY	PROJECT NUMBER
11-124_ALL.DWG	JGM 11/14/2023	PH 11/14/2023	PH 11/14/2023	11-124



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- APPROXIMATE PROPERTY LINE
- MW-1 — GROUNDWATER MONITORING WELL LOCATION
- EXTENT OF EXCAVATION (Quest 1998)
- 574.69 — GROUNDWATER ELEVATION (FEET)
- 578.00 — GROUNDWATER ELEVATION CONTOUR LINE (FEET)
- 0.096 ft/ft — APPROXIMATE GROUNDWATER GRADIENT DIRECTION (ft/ft)

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FIGURE 4

GROUNDWATER ELEVATION CONTOUR MAP
10/26/2023

MANOR MARKET
3609 164TH STREET SW
LYNNWOOD, WASHINGTON

PROJECT NUMBER	APPROVED BY	CHECKED BY	DRAWN BY	FILENAME
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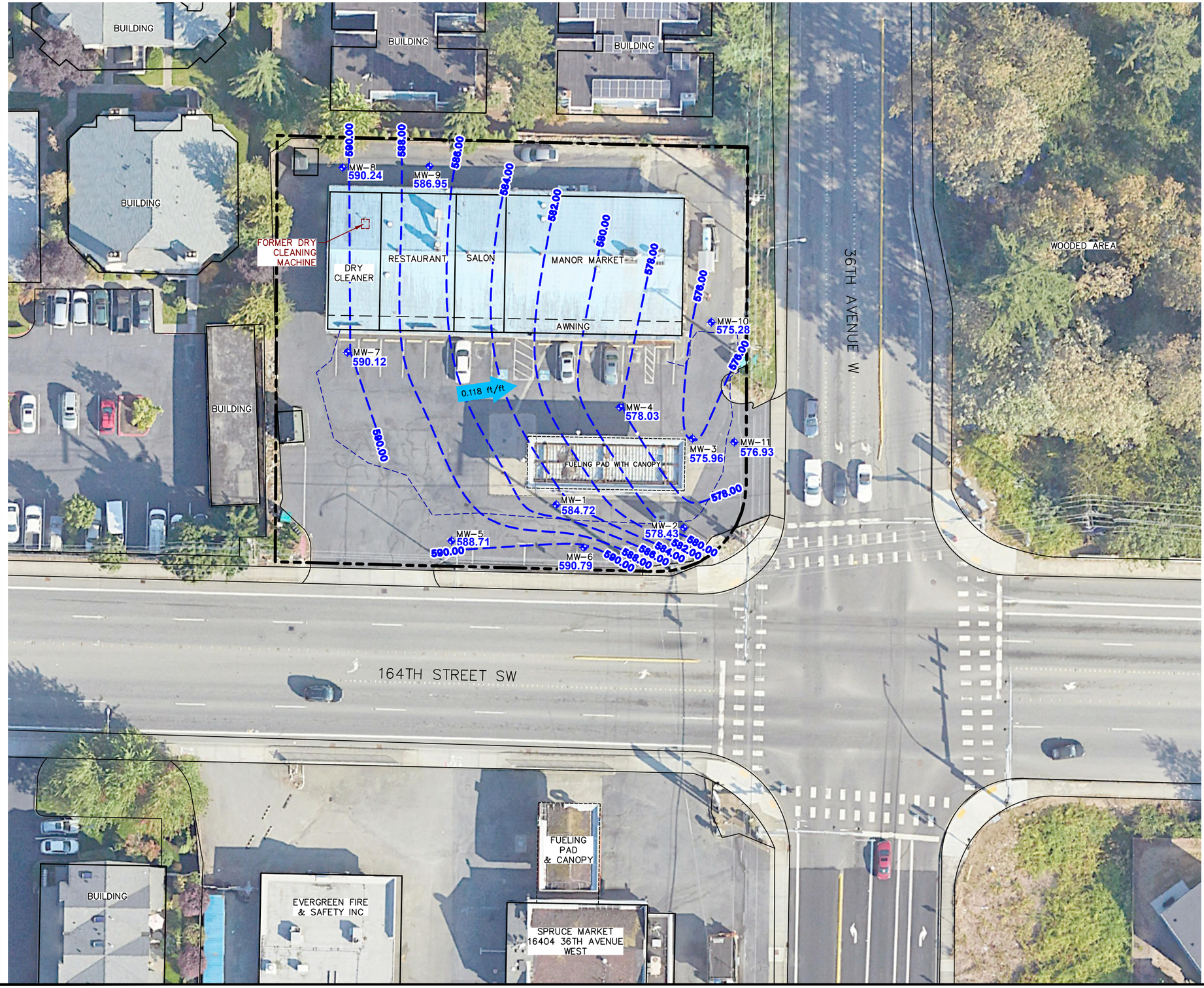

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- APPROXIMATE PROPERTY LINE
- MW-1 — GROUNDWATER MONITORING WELL LOCATION
- EXTENT OF EXCAVATION (Quest 1998)
- 578.03 — GROUNDWATER ELEVATION (FEET)
- 578.00 — GROUNDWATER ELEVATION CONTOUR LINE (FEET)
- 0.118 ft/ft — APPROXIMATE GROUNDWATER GRADIENT DIRECTION (ft/ft)

NOTES

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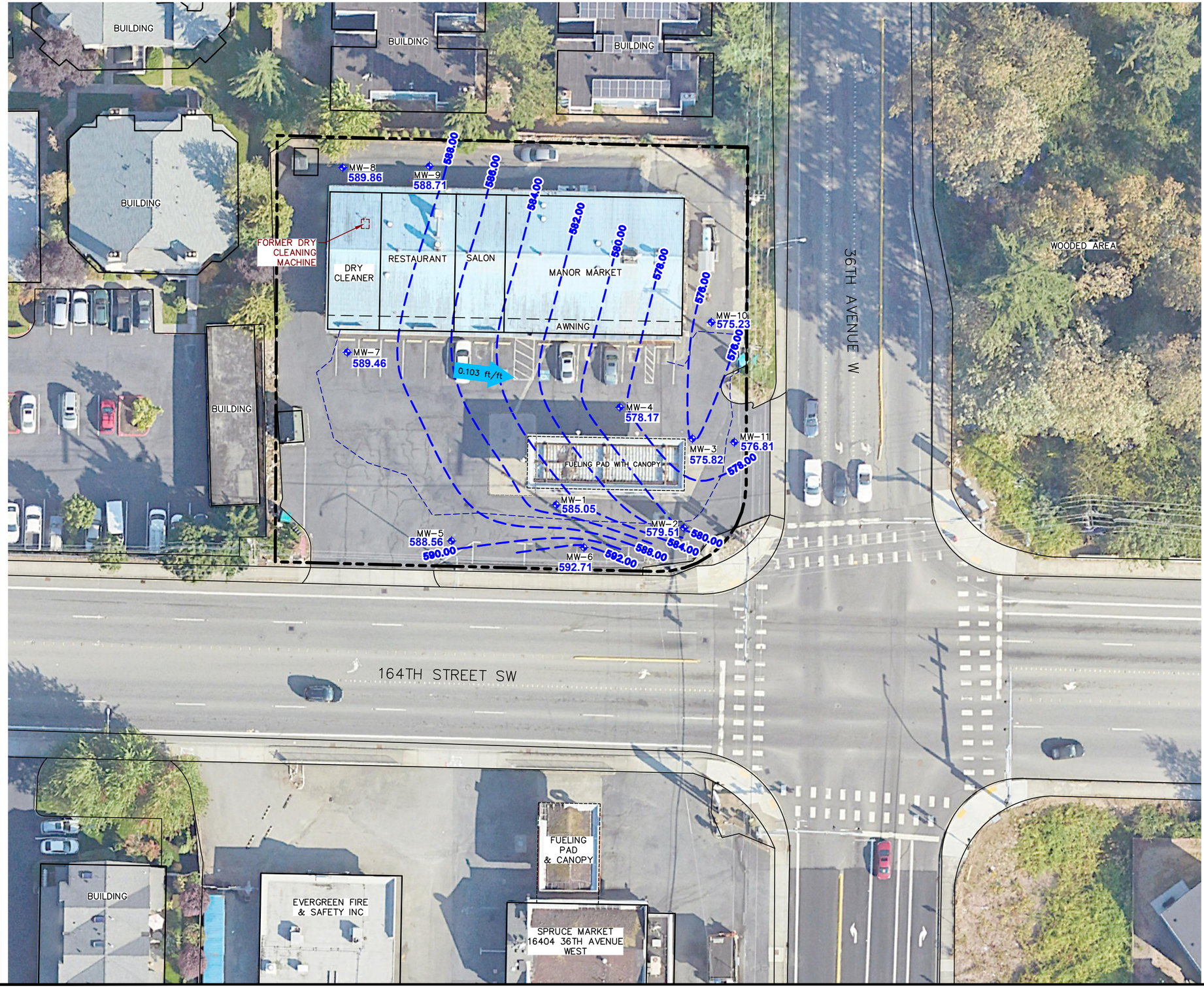
FIGURE 5

GROUNDWATER ELEVATION CONTOUR MAP
01/03/2024

MANOR MARKET
3609 164TH STREET SW
LYNNWOOD, WASHINGTON

PROJECT NUMBER	APPROVED BY	CHECKED BY	DRAWN BY	FILENAME
11-124	PH 4/30/2024	PH 4/30/2024	JGM 4/30/2024	11-124_ALL-2024.DWG



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- APPROXIMATE PROPERTY LINE
- MW-1 — GROUNDWATER MONITORING WELL LOCATION
- EXTENT OF EXCAVATION (Quest 1998)
- 575.82 — GROUNDWATER ELEVATION (FEET)
- 578.00 — GROUNDWATER ELEVATION CONTOUR LINE (FEET)
- 0.103 ft/ft — APPROXIMATE GROUNDWATER GRADIENT DIRECTION (ft/ft)

NOTES

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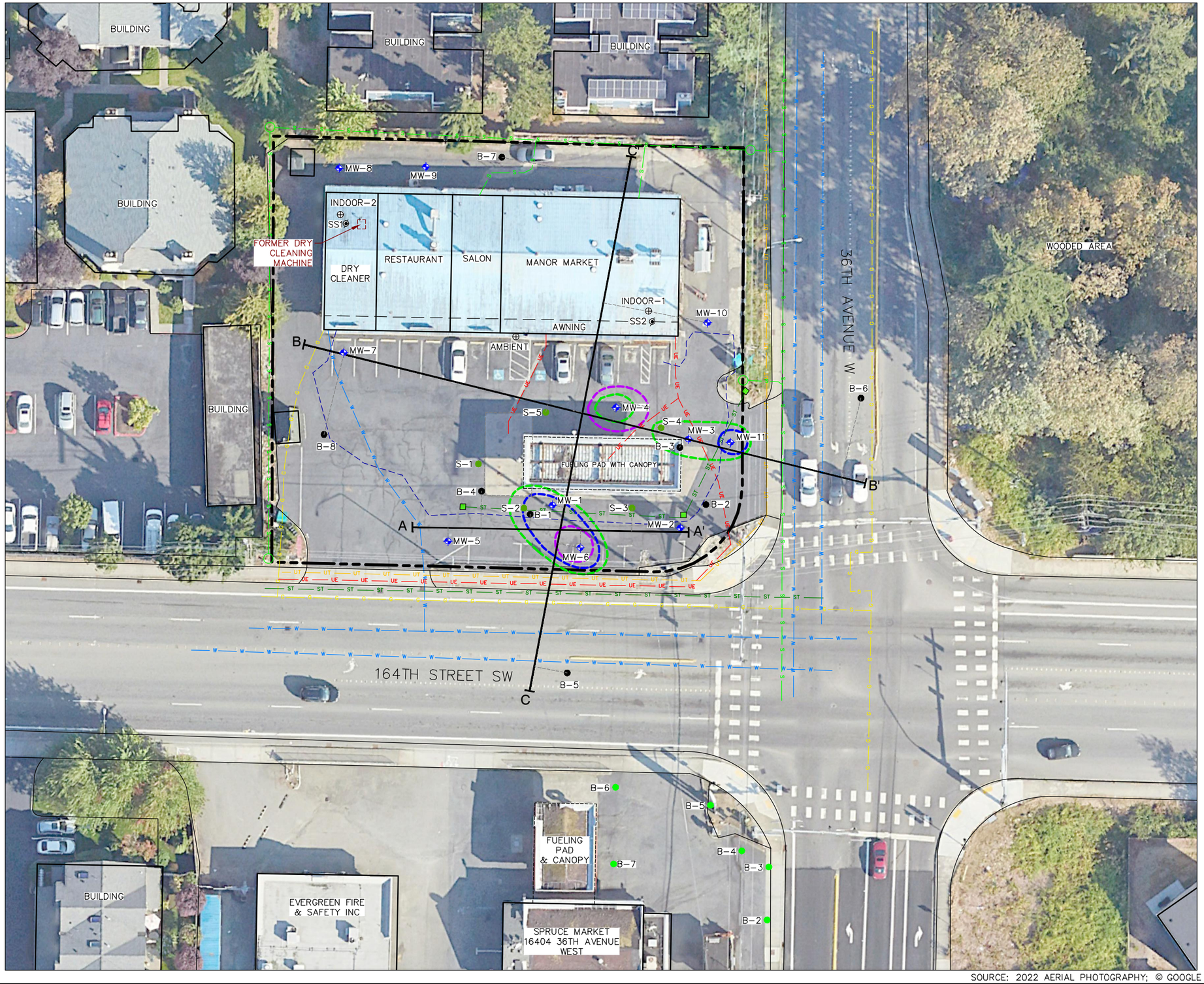
FIGURE 6

GROUNDWATER ELEVATION CONTOUR MAP
04/24/2024

MANOR MARKET
3609 164TH STREET SW
LYNNWOOD, WASHINGTON

PROJECT NUMBER	11-124
APPROVED BY	PH 9/16/2024
CHECKED BY	PH 9/16/2024
DRAWN BY	JGM 9/16/2024
FILENAME	11-124_XSECS.DWG



SOURCE: 2022 AERIAL PHOTOGRAPHY; © GOOGLE

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- CATCH BASIN
- UE UE BURIED ELECTRICAL LINE
- UT UT BURIED COMMUNICATION LINE
- W W WATER LINE
- ST ST STORMWATER DRAIN LINE
- S S SANITARY SEWER LINE
- G G BURIED NATURAL GAS LINE
- APPROXIMATE EXTENT OF GASOLINE-RANGE TPH IN SOIL
- APPROXIMATE EXTENT OF BENZENE IN SOIL
- APPROXIMATE EXTENT OF MTBE IN SOIL
- TPH-g TOTAL PETROLEUM HYDROCARBONS GASOLINE (mg/kg)
- B BENZENE (mg/kg)
- MTBE METHYL TERTIARY-BUTYL ETHER (mg/kg)
- mg/kg MILLIGRAMS PER KILOGRAM
- DP DEPTH IN FEET
- < NOT DETECTED ABOVE LIMIT NOTED

BOLD VALUE INDICATES THE DETECTED CONCENTRATION IS BELOW ECOLOGY MTCA METHOD A CLEANUP LEVELS

RED BOLD VALUE INDICATES THE DETECTED CONCENTRATION EXCEEDS ECOLOGY MTCA METHOD A CLEANUP LEVELS

A A' LINE OF LITHOLOGIC CROSS SECTION AND PROJECTION LINE OR BORING/WELL

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AEG | AN ATLAS GEOSCIENCES NW COMPANY

FIGURE 7

CROSS-SECTION INDEX MAP WITH SOIL PLUME

MANOR MARKET
3609 164TH STREET SW
LYNNWOOD, WASHINGTON

FILENAME	DRAWN BY	CHECKED BY	APPROVED BY	PROJECT NUMBER
11-124_XSECS.DWG	ICD 9/16/2024	CS 9/16/2024	CS 9/16/2024	11-124

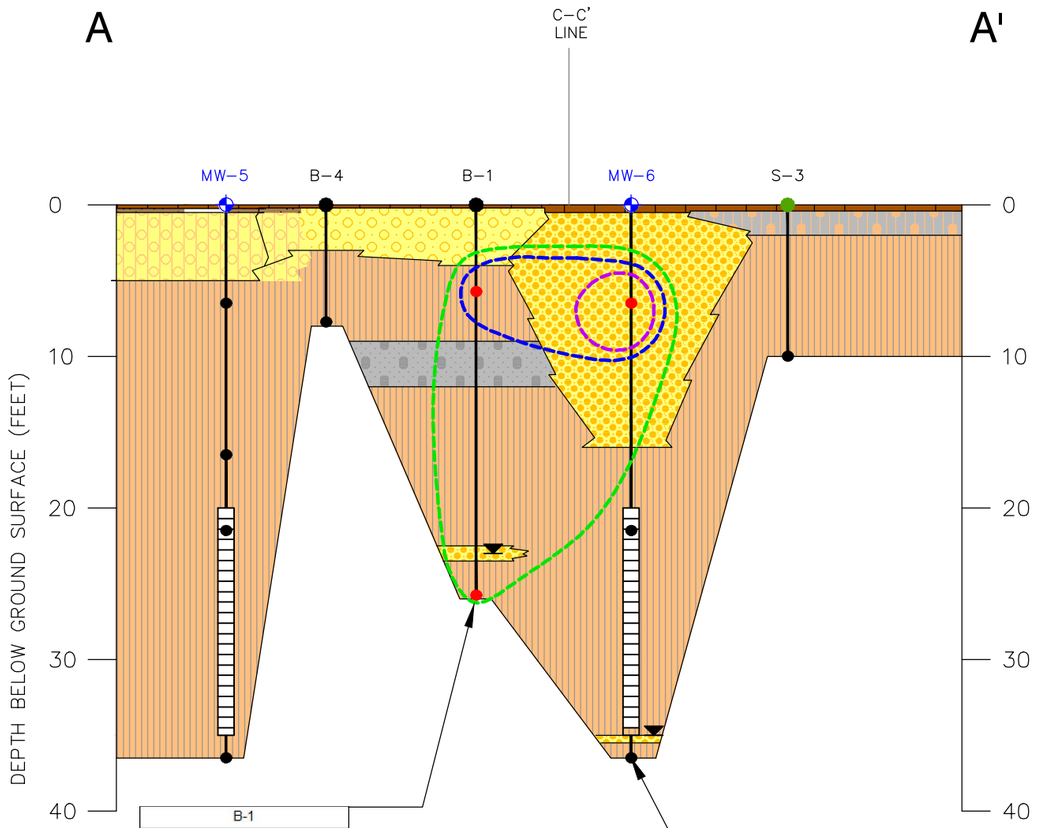
WEST

A

C–C'
LINE

A'

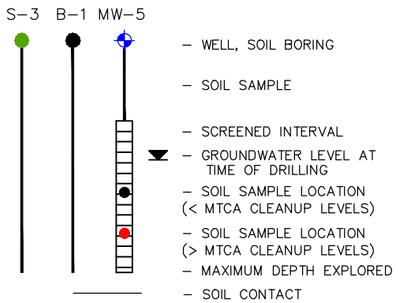
EAST

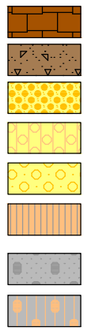


B-1		
08/24/11		
DP	5.5'-6.0'	25.5'-26.0'
TPH-g	190	12
B	1.3	0.11
MTBE	NA	NA

MW-6			
05/26/15			
DP	6.5'	21.5'	36.5'
TPH-g	3,230	<10	<10
B	1.87	<0.02	<0.02
MTBE	<0.20	<0.05	0.078

LEGEND





ASPHALT

CONCRETE

SP= POORLY–GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES

SM= SILTY–SANDS, SAND–SILT MIXTURES

SW= WELL–GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES

ML= INORGANIC SILTS AND VERY FINE SANDS, ROCK FLOUR, SILTY OR CLAYEY FINE SANDS OR CLAYEY SILTS, WITH SLIGHT PLASTICITY

GP= POORLY–GRADED GRAVELS, GRAVEL–SAND MIXTURES, LITTLE OR NO FINES

GM= SILTY GRAVELS, GRAVEL–SAND–SILT MIXTURES

APPROXIMATE EXTENT OF GASOLINE–RANGE TPH IN SOIL

APPROXIMATE EXTENT OF BENZENE IN SOIL

APPROXIMATE EXTENT OF MTBE IN SOIL

TPH–g	TOTAL PETROLEUM HYDROCARBONS GASOLINE (mg/kg)
B	BENZENE (mg/kg)
MTBE	METHYL TERTIARY–BUTYL ETHER (mg/kg)
mg/kg	MILLIGRAMS PER KILOGRAM
DP	DEPTH IN FEET
<	NOT DETECTED ABOVE LIMIT NOTED

BOLD VALUE INDICATES THE DETECTED CONCENTRATION IS BELOW ECOLOGY MTCA METHOD A CLEANUP LEVELS

RED BOLD VALUE INDICATES THE DETECTED CONCENTRATION EXCEEDS ECOLOGY MTCA METHOD A CLEANUP LEVELS

0 10 20
HORIZONTAL SCALE

0 5 10
VERTICAL SCALE

AEG | AN ATLAS GEOSCIENCES NW COMPANY

FIGURE 8

GEOLOGIC CROSS SECTION A-A'

MANOR MARKET
3609 164TH STREET SW
LYNNWOOD, WASHINGTON

PROJECT NUMBER	11-124
APPROVED BY	CS 9/16/2024
CHECKED BY	CS 9/16/2024
DRAWN BY	ICD 9/16/2024
FILENAME	11-124_XSECS.DWG

NORTHWEST

B

C–C' LINE

SOUTHEAST

B'

MW–7 B–8 S–5 MW–4 S–4 B–3 MW–3 MW–11 B–6

DEPTH BELOW GROUND SURFACE (FEET)

0 10 20 30 40 50

MW-4			
05/28/15			
DP	6.5'	16.5'	31.5'
TPH-g	<10	**11**	<10
B	<0.02	<0.02	**8.39**
MTBE	<0.05	**0.85**	**0.71**

S-4	
04/15/11	
DP	10.0'
TPH-g	<10
B	**0.23**
MTBE	NA

B-3		
08/24/11		
DP	5.5'-6.0'	11.5'-12.0'
TPH-g	**22**	<10
B	**0.24**	<0.02
MTBE	NA	NA

MW-3			
02/09/12			
DP	7.0'	13.0'-14.5'	23.0'-24.5'
TPH-g	<10	<10	<10
B	**0.048**	<0.02	**0.036**
MTBE	NA	NA	NA

MW-11					
03/24/16					
DP	5.0'	10.5'	20.5'	25.5'	35.5'
TPH-g	**1,160**	<10	<10	<10	<10
B	**0.27**	<0.02	<0.02	<0.02	<0.02
MTBE	<0.05	<0.05	<0.05	<0.05	<0.05

0 10 20
HORIZONTAL SCALE

0 5 10
VERTICAL SCALE

LEGEND

S–4 B–3 MW–3

- WELL, SOIL BORING
- SOIL SAMPLE
- SCREENED INTERVAL
- GROUNDWATER LEVEL AT TIME OF DRILLING
- SOIL SAMPLE LOCATION (< MTCA CLEANUP LEVELS)
- SOIL SAMPLE LOCATION (> MTCA CLEANUP LEVELS)
- MAXIMUM DEPTH EXPLORED
- SOIL CONTACT

- ASPHALT
- CONCRETE
- FILL
- SM= SILTY–SANDS, SAND–SILT MIXTURES
- SW= WELL–GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES
- ML= INORGANIC SILTS AND VERY FINE SANDS, ROCK FLOUR, SILTY OR CLAYEY FINE SANDS OR CLAYEY SILTS, WITH SLIGHT PLASTICITY

- APPROXIMATE EXTENT OF GASOLINE–RANGE TPH IN SOIL
- APPROXIMATE EXTENT OF BENZENE IN SOIL
- APPROXIMATE EXTENT OF MTBE IN SOIL

TPH–g	TOTAL PETROLEUM HYDROCARBONS GASOLINE (mg/kg)
B	BENZENE (mg/kg)
MTBE	METHYL TERTIARY–BUTYL ETHER (mg/kg)
mg/kg	MILLIGRAMS PER KILOGRAM
DP	DEPTH IN FEET
<	NOT DETECTED ABOVE LIMIT NOTED

BOLD VALUE INDICATES THE DETECTED CONCENTRATION IS BELOW ECOLOGY MTCA METHOD A CLEANUP LEVELS

RED BOLD VALUE INDICATES THE DETECTED CONCENTRATION EXCEEDS ECOLOGY MTCA METHOD A CLEANUP LEVELS

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FIGURE 9

GEOLOGIC CROSS SECTION B-B'

MANOR MARKET
3609 164TH STREET SW
LYNNWOOD, WASHINGTON

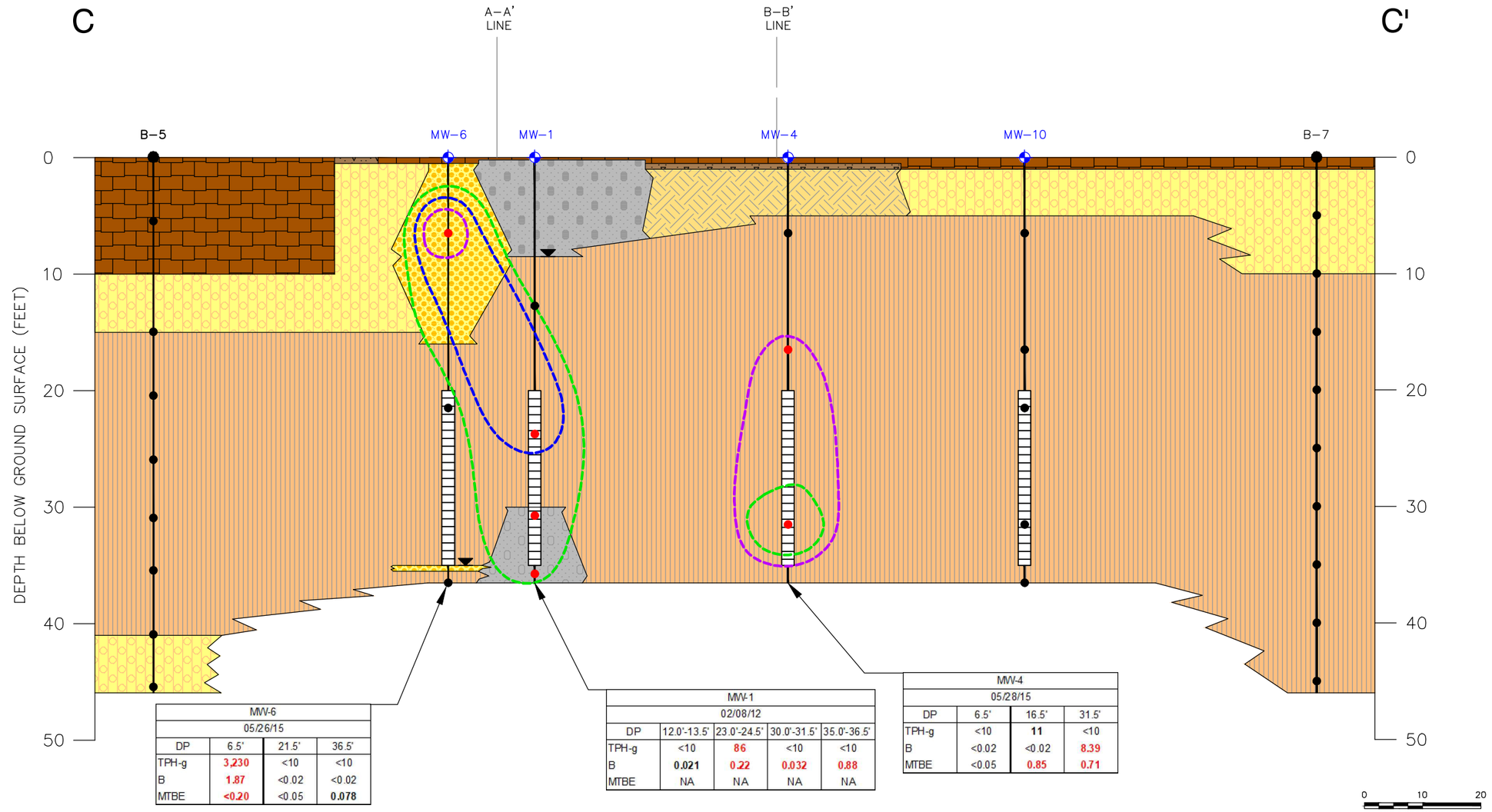
PROJECT NUMBER	11-124
APPROVED BY	CS 9/16/2024
CHECKED BY	CS 9/16/2024
DRAWN BY	ICD 9/16/2024
FILENAME	11-124_XSECS.DWG

SOUTHWEST

C

NORTHEAST

C'



MW-6			
05/26/15			
DP	6.5'	21.5'	36.5'
TPH-g	3,230	<10	<10
B	1.87	<0.02	<0.02
MTBE	<0.20	<0.05	0.078

MW-1				
02/08/12				
DP	12.0'-13.5'	23.0'-24.5'	30.0'-31.5'	35.0'-36.5'
TPH-g	<10	86	<10	<10
B	0.021	0.22	0.032	0.88
MTBE	NA	NA	NA	NA

MW-4			
05/28/15			
DP	6.5'	16.5'	31.5'
TPH-g	<10	11	<10
B	<0.02	<0.02	8.39
MTBE	<0.05	0.85	0.71

0 10 20
HORIZONTAL SCALE

0 5 10
VERTICAL SCALE

LEGEND

MW–1 – WELL, SOIL BORING
– SOIL SAMPLE
– SCREENED INTERVAL
– GROUNDWATER LEVEL AT TIME OF DRILLING
– SOIL SAMPLE LOCATION (< MTCA CLEANUP LEVELS)
– SOIL SAMPLE LOCATION (> MTCA CLEANUP LEVELS)
– MAXIMUM DEPTH EXPLORED
– SOIL CONTACT

ASPHALT
CONCRETE
NO RECOVERY
FILL

SP= POORLY–GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES
ML= INORGANIC SILTS AND VERY FINE SANDS, ROCK FLOUR, SILTY OR CLAYEY FINE SANDS OR CLAYEY SILTS, WITH SLIGHT PLASTICITY
GP= POORLY–GRADED GRAVELS, GRAVEL–SAND MIXTURES, LITTLE OR NO FINES
GW= WELL–GRADED GRAVELS, GRAVEL–SAND MIXTURES, LITTLE OR NO FINES

APPROXIMATE EXTENT OF GASOLINE–RANGE TPH IN SOIL
APPROXIMATE EXTENT OF BENZENE IN SOIL
APPROXIMATE EXTENT OF MTBE IN SOIL

TPH–g	TOTAL PETROLEUM HYDROCARBONS GASOLINE (mg/kg)
B	BENZENE (mg/kg)
MTBE	METHYL TERTIARY–BUTYL ETHER (mg/kg)
mg/kg	MILLIGRAMS PER KILOGRAM
DP	DEPTH IN FEET
<	NOT DETECTED ABOVE LIMIT NOTED

BOLD VALUE INDICATES THE DETECTED CONCENTRATION IS BELOW ECOLOGY MTCA METHOD A CLEANUP LEVELS

RED BOLD VALUE INDICATES THE DETECTED CONCENTRATION EXCEEDS ECOLOGY MTCA METHOD A CLEANUP LEVELS

AEG | AN ATLAS GEOSCIENCES NW COMPANY

FIGURE 10

GEOLOGIC CROSS SECTION C-C'

MANOR MARKET
3609 164TH STREET SW
LYNNWOOD, WASHINGTON

TABLES

2633 Parkmont Lane SW, Suite A • Olympia, WA • 98502-5751
Phone: 360-352-9835 • Fax: 360-352-8164 • Email: admin@aegwa.com

Table 1 - Summary of Soil Analytical Results
Manor Market (11-124)
Lynnwood, WA

Sample Number	Date Sampled	Depth Sampled (feet)	Gasoline	Diesel	Heavy Oil	Select Volatile Organic Compounds							
						Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	PCE	TCE	Vinyl Chloride
Quality Envirionmental Services Team, Inc. (1998 - No Locations Map Provided)													
T1FS@12'	1/16/1998	12	**7**	--	--	<0.1	<0.1	<0.1	<0.3	--	--	--	--
T2FS@13'	1/16/1998	13	<5.0	--	--	<0.1	<0.1	**0.1**	<0.3	--	--	--	--
T3FS@13'	1/16/1998	13	<5.0	--	--	**0.1**	<0.1	**0.2**	<0.3	--	--	--	--
NW@12'	1/16/1998	12	**8**	--	--	<0.1	**0.1**	<0.1	**0.5**	--	--	--	--
SW@11'	1/16/1998	13	<5.0	--	--	**0.1**	<0.1	<0.1	<0.3	--	--	--	--
DISPL@4'	1/20/1998	4	<5.0	--	--	<0.1	<0.1	<0.1	<0.3	--	--	--	--
DISPL@7'	1/20/1998	7	<5.0	--	--	<0.1	<0.1	<0.1	<0.3	--	--	--	--
PIPING@11'	1/20/1998	11	<5.0	--	--	<0.1	<0.1	<0.1	<0.3	--	--	--	--
Envivtech (2011)													
S1-9	9.0	4/15/2011	<10	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--
S2-14	14.0	4/15/2011	<10	<50	<100	**0.21**	<0.05	<0.05	<0.15	--	--	--	--
S3-10	10.0	4/15/2011	<10	<50	<100	**0.02**	<0.05	<0.05	<0.15	--	--	--	--
S4-10	10.0	4/15/2011	<10	<50	<100	**0.23**	**0.14**	**0.11**	**0.27**	--	--	--	--
S5-16	16.0	4/15/2011	<10	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--
Associated Environmental Group, LLC (2011 to 2016)													
B1-S3-5.5/6.0	8/24/2011	5.5-6.0	**190**	--	--	**1.3**	**2.0**	**5.0**	**12**	--	--	--	--
B1-S7-25.5/26.0	8/24/2011	25.5-26.0	**12**	--	--	**0.11**	<0.02	<0.05	**0.11**	--	--	--	--
B2-S5-11.5/12.0	8/24/2011	11.5-12.0	<10	--	--	<0.02	<0.02	<0.05	<0.15	--	--	--	--
B2-S8-16.5/17.0	8/24/2011	16.5-17.0	<10	--	--	<0.02	<0.02	<0.05	<0.15	--	--	--	--
B3-S2-5.5/6.0	8/24/2011	5.5-6.0	**22**	--	--	**0.24**	**0.67**	**0.48**	**0.73**	--	<0.02	<0.03	<0.02
B3-S6-11.5/12.0	8/24/2011	11.5-12.0	<10	--	--	<0.02	<0.02	<0.05	<0.15	--	--	--	--
B4-S3-7.5/8.0	8/24/2011	7.5-8.0	<10	--	--	<0.02	<0.02	<0.05	<0.15	--	--	--	--
MW1-S1/12-13.5	2/8/2012	12.0-13.5	<10	--	--	**0.021**	<0.10	<0.05	<0.15	--	--	--	--
MW1-S2/23-24.5	2/8/2012	23.0-24.5	**86**	--	--	**0.22**	<0.10	<0.05	<0.15	--	--	--	--
MW1-S3/30-31.5	2/8/2012	30.0-31.5	<10	--	--	**0.032**	**0.11**	<0.05	<0.15	--	--	--	--
MW1-S4/35-36.5	2/8/2012	35.0-36.5	<10	--	--	**0.88**	<0.10	<0.05	<0.15	--	--	--	--
MW2-S1/23-24.5	2/8/2012	23.0-24.5	<10	--	--	<0.02	<0.10	<0.05	<0.15	--	--	--	--
MW3-S1/7	2/9/2012	7.0	<10	--	--	**0.048**	**0.20**	**0.27**	**1.1**	--	--	--	--
MW3-S2/23-24.5	2/9/2012	23.0-24.5	<10	--	--	**0.036**	**0.10**	<0.05	<0.15	--	--	--	--
MW3-S3/13-14.5	2/9/2012	13.0-14.5	<10	--	--	<0.02	<0.10	<0.05	<0.15	--	--	--	--
MW4-6.5	5/28/2015	6.5	<10	--	--	<0.02	<0.03	<0.03	<0.03	<0.05	--	--	--
MW4-16.5	5/28/2015	16.5	**11**	--	--	<0.02	<0.03	<0.03	<0.03	**0.85**	--	--	--
MW4-31.5	5/28/2015	31.5	<10	--	--	**8.39**	<0.03	<0.03	<0.03	**0.71**	--	--	--
MW5-6.5	5/26/2015	6.5	<10	--	--	<0.02	<0.03	<0.03	<0.03	<0.05	--	--	--
MW5-16.5	5/26/2015	16.5	<10	--	--	<0.02	<0.03	<0.03	<0.03	<0.05	--	--	--
MW5-21.5	5/26/2015	21.5	<10	--	--	<0.02	<0.03	<0.03	<0.03	<0.05	--	--	--
MW5-36.5	5/26/2015	36.5	<10	--	--	<0.02	<0.03	<0.03	<0.03	<0.05	--	--	--
MW6-6.5	5/26/2015	6.5	**3,230**	--	--	**1.87**	**1.15**	**1.62**	**4.38**	**<0.20**	--	--	--
MW6-21.5	5/26/2015	21.5	<10	--	--	<0.02	<0.03	<0.03	<0.03	<0.05	--	--	--
MW6-36.5	5/26/2015	36.5	<10	--	--	<0.02	<0.03	<0.03	<0.03	**0.078**	--	--	--

Table 1 - Summary of Soil Analytical Results
Manor Market (11-124)
Lynnwood, WA

Sample Number	Date Sampled	Depth Sampled (feet)	Gasoline	Diesel	Heavy Oil	Select Volatile Organic Compounds							
						Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	PCE	TCE	Vinyl Chloride
MW7-3.0	5/27/2015	3.0	--	--	--	--	--	--	--	--	<0.02	<0.02	<0.02
MW7-21.5	5/27/2015	21.5	--	--	--	--	--	--	--	--	<0.02	<0.02	<0.02
MW7-31.5	5/27/2015	31.5	--	--	--	--	--	--	--	--	<0.02	<0.02	<0.02
MW8-16.5	5/27/2015	16.5	--	--	--	--	--	--	--	--	<0.02	<0.02	<0.02
MW8-26.5	5/27/2015	26.5	--	--	--	--	--	--	--	--	<0.02	<0.02	<0.02
MW8-31.5	5/27/2015	31.5	--	--	--	--	--	--	--	--	<0.02	<0.02	<0.02
MW9-6.5	5/27/2015	6.5	--	--	--	--	--	--	--	--	<0.02	<0.02	<0.02
MW9-11.5	5/27/2015	11.5	--	--	--	--	--	--	--	--	<0.02	<0.02	<0.02
MW9-31.5	5/27/2015	31.5	--	--	--	--	--	--	--	--	<0.02	<0.02	<0.02
MW10-6.5	3/24/2016	6.5	<10	--	--	<0.02	<0.10	<0.05	<0.15	<0.05	--	--	--
MW10-16.5	3/24/2016	16.5	<10	--	--	<0.02	<0.10	<0.05	<0.15	<0.05	--	--	--
MW10-21.5	3/24/2016	21.5	<10	--	--	<0.02	<0.10	<0.05	<0.15	<0.05	--	--	--
MW10-31.5	3/24/2016	31.5	<10	--	--	<0.02	<0.10	<0.05	<0.15	<0.05	--	--	--
MW10-36.5	3/24/2016	36.5	<10	--	--	<0.02	<0.10	<0.05	<0.15	<0.05	--	--	--
MW11-5.0	3/24/2016	5.0	**1,160**	--	--	**0.27**	**0.95**	**8.2**	**19**	<0.05	--	--	--
MW11-10.5	3/24/2016	10.5	<10	--	--	<0.02	<0.10	<0.05	<0.15	<0.05	--	--	--
MW11-20.5	3/24/2016	20.5	<10	--	--	<0.02	<0.10	<0.05	<0.15	<0.05	--	--	--
MW11-25.5	3/24/2016	25.5	<10	--	--	<0.02	<0.10	<0.05	<0.15	<0.05	--	--	--
MW11-35.5	3/24/2016	35.5	<10	--	--	<0.02	<0.10	<0.05	<0.15	<0.05	--	--	--
AEG Atlas, LLC (2023)													
B5-05.5	10/16/2023	5.5	<6.0	--	--	<0.012	<0.060	<0.030	<0.090	<0.030	--	--	--
B5-15.0	10/16/2023	15.0	<7.5	--	--	<0.015	<0.075	<0.037	<0.11	<0.037	--	--	--
B5-20.5	10/16/2023	20.5	<6.3	--	--	<0.013	<0.063	<0.032	<0.095	<0.032	--	--	--
B5-26.0	10/16/2023	26.0	<6.4	--	--	<0.013	<0.064	<0.032	<0.096	<0.032	--	--	--
B5-31.0	10/16/2023	31.0	<6.2	--	--	<0.012	<0.062	<0.031	<0.092	<0.031	--	--	--
B5-35.5	10/16/2023	35.5	<6.7	--	--	<0.013	<0.067	<0.034	<0.10	<0.034	--	--	--
B5-41.0	10/16/2023	41.0	<6.0	--	--	<0.012	<0.060	<0.030	<0.090	<0.030	--	--	--
B5-45.5	10/16/2023	45.5	<6.7	--	--	<0.013	<0.067	<0.034	<0.10	<0.034	--	--	--
B6-06.0	10/17/2023	6.0	<6.0	--	--	<0.012	<0.060	<0.030	<0.090	<0.030	--	--	--
B6-10.0	10/17/2023	10.0	<6.8	--	--	<0.014	<0.068	<0.034	<0.10	<0.034	--	--	--
B6-15.0	10/17/2023	15.0	<6.1	--	--	<0.012	<0.061	<0.030	<0.091	<0.030	--	--	--
B6-20.0	10/17/2023	20.0	<5.8	--	--	<0.012	<0.058	<0.029	<0.088	<0.029	--	--	--
B6-25.0	10/17/2023	25.0	<5.7	--	--	<0.011	<0.057	<0.028	<0.085	<0.028	--	--	--
B6-30.5	10/17/2023	30.5	<5.6	--	--	<0.011	<0.056	<0.028	<0.084	<0.028	--	--	--
B6-35.0	10/17/2023	35.0	<5.6	--	--	<0.011	<0.056	<0.028	<0.084	<0.028	--	--	--
B6-40.5	10/17/2023	40.5	<5.6	--	--	<0.011	<0.056	<0.028	<0.084	<0.028	--	--	--
B6-46.0	10/17/2023	46.0	<5.3	--	--	<0.011	<0.053	<0.027	<0.080	<0.027	--	--	--
B7-05.0	10/18/2023	5.0	<5.6	--	--	<0.011	<0.056	<0.028	<0.084	<0.028	--	--	--
B7-10.0	10/18/2023	10.0	<5.1	--	--	<0.010	<0.051	<0.026	<0.077	<0.026	--	--	--
B7-15.0	10/18/2023	15.0	<4.7	--	--	<0.0095	<0.047	<0.024	<0.071	<0.024	--	--	--
B7-20.0	10/18/2023	20.0	<4.8	--	--	<0.0096	<0.048	<0.024	<0.072	<0.024	--	--	--
B7-25.0	10/18/2023	25.0	<4.4	--	--	<0.0089	<0.044	<0.022	<0.066	<0.022	--	--	--
B7-30.0	10/18/2023	30.0	<5.0	--	--	<0.0099	<0.050	<0.025	<0.074	<0.025	--	--	--
B7-35.0	10/18/2023	35.0	<5.0	--	--	<0.010	<0.050	<0.025	<0.075	<0.025	--	--	--
B7-40.0	10/18/2023	40.0	<4.7	--	--	<0.0095	<0.047	<0.024	<0.071	<0.024	--	--	--
B7-45.0	10/18/2023	45.0	<5.0	--	--	<0.010	<0.050	<0.025	<0.075	<0.025	--	--	--

Table 1 - Summary of Soil Analytical Results
Manor Market (11-124)
Lynnwood, WA

Sample Number	Date Sampled	Depth Sampled (feet)	Gasoline	Diesel	Heavy Oil	Select Volatile Organic Compounds							
						Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	PCE	TCE	Vinyl Chloride
B8-05.0	10/18/2023	5.0	<5.5	--	--	<0.011	<0.055	<0.028	<0.083	<0.028	--	--	--
B8-10.0	10/18/2023	10.0	<5.8	--	--	<0.012	<0.058	<0.029	<0.087	<0.029	--	--	--
B8-15.0	10/18/2023	15.0	<4.5	--	--	<0.0091	<0.045	<0.023	<0.068	<0.023	--	--	--
B8-20.0	10/18/2023	20.0	<5.6	--	--	<0.011	<0.056	<0.028	<0.085	<0.028	--	--	--
B8-25.0	10/18/2023	25.0	<5.7	--	--	<0.011	<0.057	<0.028	<0.085	<0.028	--	--	--
B8-30.0	10/18/2023	30.0	<5.9	--	--	<0.012	<0.059	<0.029	<0.088	<0.029	--	--	--
B8-35.0	10/18/2023	35.0	<4.7	--	--	<0.0093	<0.047	<0.023	<0.070	<0.023	--	--	--
B8-40.0	10/18/2023	40.0	<3.5	--	--	<0.0070	<0.035	<0.017	<0.052	<0.017	--	--	--
B8-46.0	10/18/2023	46.0	<4.1	--	--	<0.0082	<0.041	<0.021	<0.062	<0.021	--	--	--
PQL			10	50	100	0.02	0.02/0.10	0.03/0.05	0.03/0.15	0.05	0.02	0.02/0.03	0.02
MTCA Method A Cleanup Levels			30*	2,000	2,000	0.03	7	6	9	0.10	0.05	0.03	0.67**

Notes:

All values are presented in milligrams per kilogram (mg/kg)

-- = Not analyzed for this constituent

< = Not detected above laboratory limits

* TPH-Gasoline Cleanup Level with the presence of Benzene anywhere at the Site

** Method B cleanup level; Method A cleanup level not established

PQL = Practical Quantification Limit (laboratory detection limit)

Red Bold indicates the detected concentration exceeds Ecology MTCA Method A cleanup level

Bold indicates the detected concentration is below Ecology MTCA Method A cleanup levels

MTBE = Methyl tertiary-butyl ether

PCE = Tetrachloroethylene

TCE = Trichloroethylene

Table 2 - Summary of Groundwater Analytical Results
Manor Market (11-124)
Lynnwood, WA

Well Number	Date Sampled	Gasoline	Select Volatile Organic Compounds													Total Lead	Dissolved Lead
			Benzene	Toluene	Ethyl-benzene	Total Xylenes	EDC	EDB	Total Naphthalenes	MTBE	PCE	TCE	*cis*-1,2-DCE	*trans*-1,2-DCE	VC		
MW-1	3/1/2012	<100	**9.9**	<1.0	<1.0	<1.0	<1.0	<0.01	<5.0	<5.0	--	--	--	--	--	<5.0	--
	11/20/2012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/28/2013	<100	**13**	<1.0	<1.0	<1.0	<1.0	<0.01	<5.0	**76.0**	--	--	--	--	--	<5.0	--
	5/30/2013	<100	**13.2**	<1.0	<1.0	<1.0	<1.0	<0.01	<5.0	**111**	--	--	--	--	--	**19.9**	--
	6/4/2015	<100	**3.9**	<2.0	<1.0	<3.0	--	--	--	**315**	--	--	--	--	--	--	--
	9/2/2015	<100	**5.1**	<1.0	<1.0	<1.0	--	--	--	**122**	--	--	--	--	--	**7.1**	<5.0
	11/24/2015	<100	**19**	<1.0	<1.0	<1.0	--	--	--	**74**	--	--	--	--	--	--	--
	4/7/2016	**101**	**9.9**	<2.0	<1.0	<2.0	--	--	--	**20**	--	--	--	--	--	--	--
	12/13/2016	<100	**18**	<2.0	<1.0	<2.0	--	--	--	**77**	--	--	--	--	--	--	--
	5/8/2018	<100	<1.0	<1.0	<1.0	<3.0	--	--	--	**14**	<1.0	<1.0	<1.0	<1.0	<0.2	<2.0	<2.0
	12/2/2019	<100	<1.0	<2.0	<1.0	<2.0	--	--	--	**32**	--	--	--	--	--	--	--
	7/12/2023	**120**	<1.0	<2.0	<1.0	<2.0	--	--	--	**34**	--	--	--	--	--	--	--
	10/26/2023	<100	<1.0	<2.0	<1.0	<2.0	--	--	--	**50**	--	--	--	--	--	--	--
	1/3/2024	**120**	<1.0	<2.0	<1.0	<2.0	--	--	--	**42**	--	--	--	--	--	--	--
	4/24/2024	**<100**	<1.0	<2.0	<1.0	<2.0	--	--	--	**40**	--	--	--	--	--	--	--
MW-2	3/1/2012	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<0.01	<5.0	<5.0	--	--	--	--	--	<5.0	--
	11/20/2012	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<0.01	<5.0	<5.0	--	--	--	--	--	<5.0	--
	3/28/2013	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<0.01	<5.0	<5.0	--	--	--	--	--	<5.0	--
	5/30/2013	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<0.01	<5.0	<5.0	--	--	--	--	--	<5.0	--
	6/4/2015	<100	<1.0	<2.0	<1.0	<3.0	--	--	--	**12.3**	--	--	--	--	--	--	--
	9/2/2015	<100	<1.0	<1.0	<1.0	<1.0	--	--	--	<5.0	--	--	--	--	--	<5.0	<5.0
	11/24/2015	<100	<1.0	<1.0	<1.0	<1.0	--	--	--	<5.0	--	--	--	--	--	--	--
	4/7/2016	<100	<1.0	<2.0	<1.0	<2.0	--	--	--	<2.0	--	--	--	--	--	--	--
	12/13/2016	<100	<1.0	<2.0	<1.0	<2.0	--	--	--	**6.1**	--	--	--	--	--	--	--
	5/8/2018	<100	<1.0	<1.0	<1.0	<3.0	--	--	--	**8.3**	<1.0	<1.0	<1.0	<1.0	<0.2	<2.0	<2.0
	12/2/2019	<100	<1.0	<2.0	<1.0	<2.0	--	--	--	**7.5**	--	--	--	--	--	--	--
	7/12/2023	<100	<1.0	<2.0	<1.0	<2.0	--	--	--	**15**	--	--	--	--	--	--	--
	10/26/2023	<100	<1.0	<2.0	<1.0	<2.0	--	--	--	**25**	--	--	--	--	--	--	--
	1/3/2024	<100	<1.0	<2.0	<1.0	<2.0	--	--	--	**27**	--	--	--	--	--	--	--
	4/24/2024	<100	<1.0	<2.0	<1.0	<2.0	--	--	--	**18**	--	--	--	--	--	--	--
MW-3	3/1/2012	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<0.01	<5.0	<5.0	--	--	--	--	--	<5.0	--
	11/20/2012	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<0.01	<5.0	<5.0	--	--	--	--	--	<5.0	--
	3/28/2013	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<0.01	<5.0	**8.3**	--	--	--	--	--	**6.8**	--
	5/30/2013	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<0.01	<5.0	**8**	--	--	--	--	--	<5.0	--
	6/4/2015	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/2/2015	<100	<1.0	<1.0	<1.0	<1.0	--	--	--	**21**	--	--	--	--	--	**17.4**	<5.0
	11/24/2015	<100	<1.0	<1.0	<1.0	<1.0	--	--	--	**24**	--	--	--	--	--	--	--
	4/7/2016	<100	<1.0	<2.0	<1.0	<2.0	--	--	--	**10**	<1.0	<1.0	<1.0	<1.0	<1.0	--	--
	12/13/2016	<100	<1.0	<2.0	<1.0	<2.0	--	--	--	**27**	--	--	--	--	--	--	--
	5/8/2018	<100	<1.0	<1.0	<1.0	<3.0	--	--	--	**17**	<1.0	<1.0	<1.0	<1.0	<0.2	<2.0	<2.0
	12/2/2019	<100	<1.0	<2.0	<1.0	<2.0	--	--	--	**25**	--	--	--	--	--	--	--
	7/12/2023	<100	<1.0	<2.0	<1.0	<2.0	--	--	--	**55**	--	--	--	--	--	--	--
	10/26/2023	<100	<1.0	<2.0	<1.0	<2.0	--	--	--	**120**	--	--	--	--	--	--	--
	1/3/2024	<100	<1.0	<2.0	<1.0	<2.0	--	--	--	**53**	--	--	--	--	--	--	--
	4/24/2024	<100	<1.0	<2.0	<1.0	<2.0	--	--	--	**80**	--	--	--	--	--	--	--

Table 2 - Summary of Groundwater Analytical Results
Manor Market (11-124)
Lynnwood, WA

Well Number	Date Sampled	Gasoline	Select Volatile Organic Compounds													Total Lead	Dissolved Lead
			Benzene	Toluene	Ethyl-benzene	Total Xylenes	EDC	EDB	Total Naphthalenes	MTBE	PCE	TCE	*cis*-1,2-DCE	*trans*-1,2-DCE	VC		
MW-4	6/4/2015	<100	470	<1.0	<1.0	<3.0	--	--	--	1,740	--	--	--	--	--	--	--
	9/2/2015	<100	63	<1.0	<1.0	<1.0	--	--	--	344	--	--	--	--	--	<5.0	<5.0
	11/24/2015	<100	47	<1.0	<1.0	<1.0	--	--	--	975	--	--	--	--	--	--	--
	4/7/2016	127	70	<2.0	<1.0	<2.0	--	--	--	592	<1.0	<1.0	<1.0	<1.0	<1.0	--	--
	12/13/2016	<100	56	<2.0	<1.0	<2.0	--	--	--	1,400	--	--	--	--	--	--	--
	5/8/2018	<100	110	<1.0	<1.0	<3.0	--	--	--	790	<1.0	<1.0	<1.0	<1.0	<0.2	<2.0	2.2
	12/2/2019	<100	<1.0	<2.0	<1.0	<2.0	--	--	--	700	--	--	--	--	--	--	--
	7/12/2023	140	30	<2.0	<1.0	<2.0	--	--	--	310	--	--	--	--	--	--	--
	10/26/2023	<100	<1.0	<2.0	<1.0	<2.0	--	--	--	410	--	--	--	--	--	--	--
	1/3/2024	<100	<1.0	<2.0	<1.0	<2.0	--	--	--	440	--	--	--	--	--	--	--
	4/24/2024	<100	<1.0	<2.0	<1.0	<2.0	--	--	--	330	--	--	--	--	--	--	--
MW-5	6/4/2015	<100	<1.0	<1.0	<1.0	<1.0	--	--	--	<5.0	--	--	--	--	--	--	--
	9/2/2015	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/24/2015	<100	<1.0	<1.0	<1.0	<1.0	--	--	--	<5.0	--	--	--	--	--	--	--
	4/7/2016	<100	<1.0	<2.0	<1.0	<2.0	--	--	--	<2.0	--	--	--	--	--	--	--
	12/13/2016	<100	<1.0	<2.0	<1.0	<2.0	--	--	--	<1.0	--	--	--	--	--	--	--
	5/8/2018	<100	<1.0	<1.0	<1.0	<3.0	--	--	--	<1.0	<1.0	<1.0	<1.0	<1.0	<0.2	<2.0	<2.0
	12/2/2019	<100	<1.0	<2.0	<1.0	<2.0	--	--	--	<1.0	--	--	--	--	--	--	--
	7/12/2023	<100	<1.0	<2.0	<1.0	<2.0	--	--	--	8.7	--	--	--	--	--	--	--
	10/26/2023	<100	<1.0	<2.0	<1.0	<2.0	--	--	--	15	--	--	--	--	--	--	--
	1/3/2024	<100	<1.0	<2.0	<1.0	<2.0	--	--	--	14	--	--	--	--	--	--	--
	4/24/2024	<100	<1.0	<2.0	<1.0	<2.0	--	--	--	12	--	--	--	--	--	--	--
MW-6	6/4/2015	1,380	54	2.5	<1.0	7.0	--	--	--	<5.0	--	--	--	--	--	--	--
	9/2/2015	1,020	22	<1.0	<1.0	6.6	--	--	--	<5.0	--	--	--	--	--	<5.0	<5.0
	11/24/2015	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/7/2016	1,630	12	<2.0	<1.0	3.0	--	--	--	<2.0	--	--	--	--	--	--	--
	12/13/2016	660	21	<2.0	<1.0	<2.0	--	--	--	2.4	--	--	--	--	--	--	--
	5/8/2018	830	300	52	<1.0	12	--	--	--	<2.0	<1.0	<1.0	<1.0	<1.0	<0.2	<2.0	<2.0
	12/2/2019	1,830	147	2	<1.0	7.5	--	--	--	<5.0	--	--	--	--	--	--	--
	7/18/2023	1,600	5.8	2.9	<1.0	3.7	--	--	--	<5.0	--	--	--	--	--	--	--
	10/26/2023	960	2.0	<2.0	<1.0	2.9	--	--	--	<5.0	--	--	--	--	--	--	--
	1/3/2024	210	2.0	<2.0	<1.0	<2.0	--	--	--	<5.0	--	--	--	--	--	--	--
	4/24/2024	670	6.4	<2.0	<1.0	5	--	--	--	<5.0	--	--	--	--	--	--	--
MW-7	6/4/2015	--	--	--	--	--	--	<1.0	--	--	--	<1.0	<1.0	<1.0	<1.0	<0.2	--	--
	7/12/2023	<100	<1.0	<2.0	<1.0	<2.0	--	--	--	<5.0	--	--	--	--	--	--	--
	10/26/2023	<100	<1.0	<2.0	<1.0	<2.0	--	--	--	<5.0	--	--	--	--	--	--	--
	1/3/2024	<100	<1.0	<2.0	<1.0	<2.0	--	--	--	<5.0	--	--	--	--	--	--	--
	4/24/2024	<100	<1.0	<2.0	<1.0	<2.0	--	--	--	<5.0	--	--	--	--	--	--	--
MW-8	6/4/2015	--	--	--	--	--	--	<1.0	--	--	--	<1.0	<1.0	<1.0	<1.0	<0.2	--	--
	7/12/2023	<100	<1.0	<2.0	<1.0	<2.0	--	--	--	<5.0	--	--	--	--	--	--	--
	10/26/2023	<100	<1.0	<2.0	<1.0	<2.0	--	--	--	<5.0	--	--	--	--	--	--	--
	1/3/2024	<100	<1.0	<2.0	<1.0	<2.0	--	--	--	<5.0	--	--	--	--	--	--	--
	4/24/2024	<100	<1.0	<2.0	<1.0	<2.0	--	--	--	<5.0	--	--	--	--	--	--	--

Table 2 - Summary of Groundwater Analytical Results
Manor Market (11-124)
Lynnwood, WA

Well Number	Date Sampled	Gasoline	Select Volatile Organic Compounds													Total Lead	Dissolved Lead
			Benzene	Toluene	Ethyl-benzene	Total Xylenes	EDC	EDB	Total Naphthalenes	MTBE	PCE	TCE	*cis*-1,2-DCE	*trans*-1,2-DCE	VC		
MW-9	6/4/2015	--	--	--	--	--	<1.0	--	--	--	<1.0	<1.0	<1.0	<1.0	<0.2	--	--
	7/12/2023	<100	<1.0	<2.0	<1.0	<2.0	--	--	--	<5.0	--	--	--	--	--	--	--
	10/26/2023	<100	<1.0	<2.0	<1.0	<2.0	--	--	--	<5.0	--	--	--	--	--	--	--
	1/3/2024	<100	<1.0	<2.0	<1.0	<2.0	--	--	--	<5.0	--	--	--	--	--	--	--
	4/24/2024	<100	<1.0	<2.0	<1.0	<2.0	--	--	--	<5.0	--	--	--	--	--	--	--
MW-10	4/7/2016	<100	<1.0	<2.0	<1.0	<2.0	--	--	--	<2.0	--	--	--	--	--	--	--
	12/13/2016	<100	<1.0	<2.0	<1.0	<2.0	--	--	--	<1.0	--	--	--	--	--	--	--
	5/8/2018	<100	<1.0	<1.0	<1.0	<3.0	--	--	--	<1.0	<1.0	<1.0	<1.0	<1.0	<0.2	<2.0	<2.0
	12/2/2019	<100	<1.0	<2.0	<1.0	<2.0	--	--	--	<1.0	--	--	--	--	--	--	--
	7/12/2023	<100	<1.0	<2.0	<1.0	<2.0	--	--	--	<5.0	--	--	--	--	--	--	--
	10/26/2023	<100	<1.0	<2.0	<1.0	<2.0	--	--	--	<5.0	--	--	--	--	--	--	--
	1/3/2024	<100	<1.0	<2.0	<1.0	<2.0	--	--	--	<5.0	--	--	--	--	--	--	--
	4/24/2024	<100	<1.0	<2.0	<1.0	<2.0	--	--	--	<5.0	--	--	--	--	--	--	--
MW-11	4/7/2016	**254**	<1.0	<2.0	<1.0	<2.0	<1.0	--	--	**8.5**	<1.0	<1.0	<1.0	<1.0	<0.2	--	--
	12/13/2016	<100	<1.0	<2.0	<1.0	<2.0	<1.0	--	--	**16**	--	--	--	--	--	--	--
	5/8/2018	<100	<1.0	<1.0	<1.0	<3.0	--	--	--	**6.4**	<1.0	<1.0	<1.0	<1.0	<0.2	<2.0	<2.0
	12/2/2019	<100	<1.0	<2.0	<1.0	<2.0	--	--	--	<1.0	--	--	--	--	--	--	--
	7/12/2023	<100	<1.0	<2.0	<1.0	<2.0	--	--	--	<5.0	--	--	--	--	--	--	--
	10/26/2023	<100	<1.0	<2.0	<1.0	<2.0	--	--	--	<5.0	--	--	--	--	--	--	--
	1/3/2024	<100	<1.0	<2.0	<1.0	<2.0	--	--	--	<5.0	--	--	--	--	--	--	--
	4/24/2024	<100	<1.0	<2.0	<1.0	<2.0	--	--	--	<5.0	--	--	--	--	--	--	--
PQL		100	1.0	1.0/2.0	1.0	1.0/2.0/3.0	1.0	0.01	5.0	2.0/5.0	1.0	1.0	1.0	1.0	0.2	2.0/5.0	2.0
MTCA Method A Cleanup Levels		800*	5	1,000	700	1,000	5	0.01	160	20	5	5	160**	16**	0.2	15	15

Notes:

All values presented in micrograms per liter (µg/L)
* Cleanup level with presence of benzene
PQL = Practical Quantification Limit
TPH = Total Petroleum Hydrocarbons
-- = Not analyzed for constituent
< = Not detected above laboratory limits
Red Bold indicates the detected concentration exceeds Ecology MTCA Method A cleanup level
Bold indicates the detected concentration is below Ecology MTCA Method A cleanup levels
** MTCA Method B cleanup level; Method A cleanup level not established

EDC = 1,2-Dichloroethane
EDB = 1,2-Dibromoethane
MTBE = Methyl tertiary-butyl ether
PCE = Tetrachloroethylene
TCE = Trichloroethylene
DCE = Dichloroethylene
VC = Vinyl Chloride

Table 3 - Summary of Indoor Air Analytical Results

Manor Market (11-124)

Lynnwood, Washington

		Analytical Results									Adjusted Concentrations							
Sample Number		Indoor 1	Indoor 2	Outdoor	Indoor -1R	Indoor-2R	Ambient-1R	Indoor01-231018	Indoor02-231018	Ambient-231018	Indoor 1 (Adjusted)[1]	Indoor 2 (Adjusted)[1]	Indoor-1R (Adjusted)[1]	Indoor-2R (Adjusted)[1]	Indoor1-231018 (Adjusted)[1]	Indoor2-231018 (Adjusted)[1]	MTCA Method B Indoor Air Cleanup Level	MTCA Method B Indoor Air Screening Level Commercial Worker
Date Collected		5/8/2018	5/8/2018	5/8/2018	11/11/2019	11/11/2019	11/11/2019	10/18/2023	10/18/2023	10/18/2023	5/8/2018	5/8/2018	11/11/2019	11/11/2019	10/18/2023	10/18/2023		
APH - Air Phase Hydrocarbons	EC5-8 Aliphatics	--	--	--	**88**	**1,300 ve**	<46	**170**	**110**	**110**	--	--	**88**	**1,300 ve**	**60**	ND	NE	NE
	EC 9-12 Aliphatics	--	--	--	**58**	**170**	**44**	**28**	**34**	<25	--	--	**14**	**126**	**28**	**34**	NE	NE
	EC 9-10 Aromatics	--	--	--	<25	<25	<25	<25	<25	<25	--	--	<25	<25	<25	<25	NE	NE
	Total TPH	--	--	--	**146**	**1,470**	**44**	**198**	**144**	**110**	--	--	**102**	**1,426**	**88**	**34**	46.0	390
TO-15 - Chlorinated Volatile Organic Compounds	Vinyl Chloride	<0.049	<0.054	<0.050	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.049	<0.054	<0.26	<0.26	<0.26	<0.26	0.284*	1.33*
	trans-1,2-DCE	<0.76	<0.84	<0.78	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.76	<0.84	<0.4	<0.4	<0.4	<0.4	18.3	156
	cis-1,2-DCE	<0.15	<0.17	<0.16	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.15	<0.17	<0.4	<0.4	<0.4	<0.4	18.3	156
	TCE	<0.20	<0.23	<0.21	<0.27	<0.27	<0.27	**0.18**	<0.11	<0.11	<0.20	<0.23	<0.27	<0.27	**0.18**	<0.11	0.334*	2.85*
	PCE	<0.26	**0.92**	<0.26	<6.8	<6.8	<6.8	**11**	<6.8	<6.8	<0.26	**0.92**	<6.8	<6.8	**11**	<6.8	9.62*	44.9*
TO-15 - Other Volatile Organic Compounds	Benzene	**0.64**	**0.69**	**0.44**	**1.9**	**1.4**	**0.97**	**4.8**	**0.55**	**0.6**	**0.20**	**0.25**	**0.93**	**0.43**	**4.20**	ND	0.321*	1.50*
	Hexane	**0.86**	**1.1**	**0.70**	**4.6**	**220 ve**	<3.5	**6.9**	<3.5	<3.5	**0.16**	**0.4**	**4.6**	**220 ve**	**6.9**	<3.5	320	2,730
	Toluene	**2.6**	**6.7**	**1.7**	<19	**250 ve**	<19	**54**	<7.5	<7.5	**0.9**	**5.0**	<19	**250 ve**	**54**	<7.5	2,290	19,500
	Ethylbenzene	**0.37**	**0.62**	**0.26**	**1.1**	**2.1**	**0.53**	**0.97**	<0.43	<0.43	**0.11**	**0.36**	**0.8**	**1.57**	**0.97**	<0.43	457	3,890
	m,p-Xylene	**1.3**	**2.6**	**0.89**	**4.3**	**8.4**	**1.90**	**3.9**	**1.4**	**1.2**	**0.41**	**1.71**	**3.4**	**6.50**	**2.7**	**0.2**	45.7	389
	o-Xylene	**0.50**	**0.95**	**0.30**	**1.7**	**3.1**	**0.79**	**1.5**	**0.53**	**0.45**	**0.20**	**0.65**	**1.4**	**2.31**	**1.05**	**0.08**	45.7	389
	MTBE	**0.69**	**0.76**	**0.71**	<1.8	<1.8	<1.8	<7.2	<7.2	<7.2	ND	**0.05**	<1.8	<1.8	<7.2	<7.2	9.62*	44.9*
	Naphthalene	--	--	--	**0.29**	**0.49**	**0.15**	**0.78**	**0.095 j**	**0.079 j**	--	--	**0.14**	**0.34**	**0.70**	**0.02**	0.0735*	0.344*

Notes:

All values presented in micrograms per cubic meter (µg/m^3)

< = Not detected above laboratory limits

-- = Not analyzed

[1]Adjusted value calculated by subtracting Outdoor/Ambient concentrations from Indoor results.

* Cancer cleanup/screening level (all other constituents listed have non-cancer values)

ND = Adjusted value is less than zero.

Red Bold indicates the detected concentration exceeds MTCA Method B cleanup level.

Bold indicates the detected concentration is below MTCA Method B cleanup or screening levels.

NE = Not established; no cleanup/screening level has been established by Ecology for this constituent.

ve = The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

j = The analyte concentration is reported below the standard reporting limit. The value reported is anestimate

TPH = Total Petroleum Hydrocarbons

PCE = Tetrachloroethylene

TCE = Trichloroethylene

DCE = Dichloroethylene

MTBE = Methyl tert-butyl ether

Table 4 - Summary of Sub-Slab Vapor Analytical Results

Manor Market (11-124)

Lynwood, Washington

Sample Number		SS1	SS2	SS-1R	SS-2R	SS1-231018	SS2-231018	MTCA Method B Sub-Slab Screening Level	MTCA Method B Sub-Slab Screening Level for Commercial Workers
Date Collected		5/8/2018	5/8/2018	11/11/2019	11/11/2019	10/18/2023	10/18/2023		
APH - Air Phase Hydrocarbons	EC5-8 Aliphatics	--	--	**440**	**260**	<1,300	**960**	NE	NE
	EC 9-12 Aliphatics	--	--	**110**	**130**	**670**	**650**	NE	NE
	EC 9-10 Aromatics	--	--	<72	<70	<420	<130	NE	NE
	Total TPH	--	--	**550**	**390**	**670**	**1,610**	1,500	13,000
TO-15 - Chlorinated Volatile Organic Compounds	Vinyl Chloride	<10	<10	<0.74	<0.72	<4.3	<1.3	9.50*	44.0*
	trans-1,2-DCE	<10	<10	<1.1	<1.1	<6.7	<2	610	5,200
	cis-1,2-DCE	**23**	<10	<1.1	<1.1	**100**	<2	610	5,200
	TCE	**81**	<10	<0.78	<0.75	**300**	<0.55	11.0*	95.0*
	PCE	**2,500**	<10	<20	<19	**17,000 ve**	<35	320*	1,500*
TO-15 - Other Volatile Organic Compounds	Benzene	<10	**230**	**2.5**	**1.9**	<5.4	<1.6	11.0*	50.0*
	Hexane	--	--	**79**	<9.9	<60	<18	11,000	91,000
	Toluene	**28**	**1,540**	**86**	<52	<130	<38	76,000	650,000
	Ethylbenzene	<10	**140**	**2.7**	**1.4**	<7.4	<2.2	15,000	130,000
	Total Xylenes	**300**	**1,000**	--	--	--	--	1,500	13,000
	m,p-Xylene	--	--	**11**	**4.9**	<15	<4.4	1,500	13,000
	o-Xylene	--	--	**4.1**	**2.2**	<7.4	**3.2**	1,500	13,000
	MTBE	<10	<10	<5.2	<5	<120	<37	320*	1,500*
	Naphthalene	<10	<10	<0.76	<0.73	<4.5	<1.3	2.50*	11.0*

Notes:

All values presented in micrograms per cubic meter ($\mu g/m^3$)

< = Not detected above laboratory limits

-- = Not analyzed

* Cancer screening level (all other constituents listed have non-cancer values)

Red Bold indicates the detected concentration exceeds MTCA Method B screening levels

Bold indicates the detected concentration is below Ecology Method B screening levels

NE = Not established; no Screening level has been established by Ecology for this constituent.

ve = The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

TPH = Total Petroleum Hydrocarbons

PCE = Tetrachloroethylene

TCE = Trichloroethylene

DCE = Dichloroethylene

MTBE = Methyl tert-butyl ether

Table 5 - Summary of Groundwater Elevations
Manor Market (11-124)
Lynnwood, WA

Well Number/ TOC Elevation (feet)	Date of Measurement	Depth to Water (feet)	Depth to Free Product (feet)	Free Product Thickness (feet)	Groundwater Elevation (feet)	Change in Elevation (feet)
MW-1	3/1/2012	24.63	--	--	578.12	--
602.75	11/20/2012	--	--	--	--	--
	3/28/2013	21.39	--	--	581.36	3.24
	5/30/2013	19.97	--	--	582.78	1.42
	6/1/2015	18.52	--	--	584.23	1.45
	9/2/2015	16.99	--	--	585.76	1.53
	11/24/2015	17.62	--	--	585.13	-0.63
	4/7/2016	14.74	--	--	588.01	2.88
	12/13/2016	16.02	--	--	586.73	-1.28
	5/8/2018	15.63	--	--	587.12	0.39
	12/2/2019	17.83	--	--	584.92	-2.20
	7/12/2023	18.70	--	--	584.05	-0.87
	10/26/2023	18.91	--	--	583.84	-0.21
	1/3/2024	18.03	--	--	584.72	0.88
	4/24/2024	17.70	--	--	585.05	0.33
MW-2	3/1/2012	24.70	--	--	578.28	--
602.98	11/20/2012	24.21	--	--	578.77	0.49
	3/28/2013	24.4	--	--	578.58	-0.19
	5/30/2013	25.05	--	--	577.93	-0.65
	6/4/2015	26.85	--	--	576.13	-1.80
	9/2/2015	23.15	--	--	579.83	3.70
	11/24/2015	16.38	--	--	586.60	6.77
	4/7/2016	24.05	--	--	578.93	-7.67
	12/13/2016	22.62	--	--	580.36	1.43
	5/8/2018	23.27	--	--	579.71	-0.65
	12/2/2019	23.59	--	--	579.39	-0.32
	7/12/2023	24.33	--	--	578.65	-0.74
	10/26/2023	24.63	--	--	578.35	-0.30
	1/3/2024	24.55	--	--	578.43	0.08
	4/24/2024	23.47	--	--	579.51	1.08
MW-3	3/1/2012	28.30	--	--	574.96	--
603.26	11/20/2012	28.23	--	--	575.03	0.07
	3/28/2013	28.14	--	--	575.12	0.09
	5/30/2013	28.31	--	--	574.95	-0.17
	6/4/2015	--	--	--	--	--
	9/2/2015	28.19	--	--	575.07	0.12
	11/24/2015	27.32	--	--	575.94	0.87
	4/7/2016	27.43	--	--	575.83	-0.11
	12/13/2016	26.7	--	--	576.56	0.73
	5/8/2018	26.56	--	--	576.70	0.14
	12/2/2019	26.44	--	--	576.82	0.12
	7/12/2023	27.08	--	--	576.18	-0.64
	10/26/2023	27.85	--	--	575.41	-0.77
	1/3/2024	27.30	--	--	575.96	0.55
	4/24/2024	27.44	--	--	575.82	-0.14

Table 5 - Summary of Groundwater Elevations
Manor Market (11-124)
Lynnwood, WA

Well Number/ TOC Elevation (feet)	Date of Measurement	Depth to Water (feet)	Depth to Free Product (feet)	Free Product Thickness (feet)	Groundwater Elevation (feet)	Change in Elevation (feet)
MW-4	6/4/2015	26.45	--	--	577.84	--
604.29	9/2/2015	26.49	--	--	577.80	-0.04
	11/24/2015	26.62	--	--	577.67	-0.13
	4/7/2016	25.79	--	--	578.50	0.83
	12/13/2016	25.33	--	--	578.96	0.46
	5/8/2018	25.22	--	--	579.07	0.11
	12/2/2019	24.45	--	--	579.84	0.77
	7/12/2023	26.29	--	--	578.00	-1.84
	10/26/2023	26.43	--	--	577.86	-0.14
	1/3/2024	26.26	--	--	578.03	0.17
	4/24/2024	26.12	--	--	578.17	0.14
MW-5	6/4/2015	17.30	--	--	586.98	--
604.28	9/2/2015	16.21	--	--	588.07	1.09
	11/24/2015	14.82	--	--	589.46	1.39
	4/7/2016	16.82	--	--	587.46	-2.00
	12/13/2016	14.39	--	--	589.89	2.43
	5/8/2018	14.44	--	--	589.84	-0.05
	12/2/2019	17.78	--	--	586.50	-3.34
	7/12/2023	15.70	--	--	588.58	2.08
	10/26/2023	16.30	--	--	587.98	-0.60
	1/3/2024	15.57	--	--	588.71	0.73
	4/24/2024	15.72	--	--	588.56	-0.15
MW-6	6/4/2015	9.60	--	--	593.36	--
602.96	9/2/2015	10.69	--	--	592.27	-1.09
	11/24/2015	--	--	--	--	--
	4/7/2016	10.25	--	--	592.71	--
	12/13/2016	11.37	--	--	591.59	-1.12
	5/8/2018	14.40	--	--	588.56	-3.03
	12/2/2019	11.93	--	--	591.03	2.47
	7/12/2023	Unable to access; bolt is stripped				
	10/26/2023	12.96	--	--	590.00	590.00
	1/3/2024	12.17	--	--	590.79	0.79
	4/24/2024	10.25	--	--	592.71	1.92
MW-7	6/4/2015	16.31	--	--	588.70	--
605.01	9/2/2015	17.79	--	--	587.22	-1.48
	11/24/2015	15.21	--	--	589.80	2.58
	4/7/2016	--	--	--	--	--
	12/13/2016	--	--	--	--	--
	5/8/2018	17.09	--	--	587.92	1.88
	7/12/2023	21.00	--	--	584.01	-3.91
	10/26/2023	16.26	--	--	588.75	4.74
	1/3/2024	14.89	--	--	590.12	1.37
	4/24/2024	15.55	--	--	589.46	-0.66

Table 5 - Summary of Groundwater Elevations
Manor Market (11-124)
Lynnwood, WA

Well Number/ TOC Elevation (feet)	Date of Measurement	Depth to Water (feet)	Depth to Free Product (feet)	Free Product Thickness (feet)	Groundwater Elevation (feet)	Change in Elevation (feet)
MW-8	6/4/2015	16.18	--	--	589.16	--
605.34	9/2/2015	16.72	--	--	588.62	-0.54
	11/24/2015	14.15	--	--	591.19	2.57
	4/7/2016	14.87	--	--	590.47	-0.72
	12/13/2016	14.89	--	--	590.45	-0.02
	5/8/2018	14.98	--	--	590.36	-0.09
	7/12/2023	15.81	--	--	589.53	-0.83
	10/26/2023	15.99	--	--	589.35	-0.18
	1/3/2024	15.10	--	--	590.24	0.89
	4/24/2024	15.48	--	--	589.86	-0.38
MW-9	6/4/2015	18.63	--	--	586.58	--
605.21	9/2/2015	18.14	--	--	587.07	0.49
	11/24/2015	14.28	--	--	590.93	3.86
	4/7/2016	16.95	--	--	588.26	-2.67
	12/13/2016	16.64	--	--	588.57	0.31
	5/8/2018	16.49	--	--	588.72	0.15
	7/12/2023	17.02	--	--	588.19	-0.53
	10/26/2023	17.44	--	--	587.77	-0.42
	1/3/2024	18.26	--	--	586.95	-0.82
	4/24/2024	16.50	--	--	588.71	1.76
MW-10	4/7/2016	31.30	--	--	572.14	--
603.44	12/13/2016	27.61	--	--	575.83	3.69
	5/8/2018	27.69	--	--	575.75	-0.08
	12/2/2019	27.36	--	--	576.08	0.33
	7/12/2023	29.03	--	--	574.41	-1.67
	10/26/2023	28.75	--	--	574.69	0.28
	1/3/2024	28.16	--	--	575.28	0.59
	4/24/2024	28.21	--	--	575.23	-0.05
MW-11	4/7/2016	32.90	--	--	571.08	--
603.98	12/13/2016	31.26	--	--	572.72	1.64
	5/8/2018	29.23	--	--	574.75	2.03
	12/2/2019	26.12	--	--	577.86	3.11
	7/12/2023	27.57	--	--	576.41	-1.45
	10/26/2023	27.40	--	--	576.58	0.17
	1/3/2024	27.05	--	--	576.93	0.35
	4/24/2024	27.17	--	--	576.81	-0.12

Notes:
TOC = Top of casing elevation relative to assigned benchmark.
-- = Not measured, not available, or not applicable

Table 6 - Summary of Water Quality Indicator Parameters
Manor Market
Lynnwood, WA

Well Number	Date Collected	Temp (°C)	Conductivity (mS/cm)	Dissolved Oxygen (mg/L)	pH	ORP
MW-1	5/8/2018	--	--	--	--	--
	12/2/2019	13.62	0.932	0.6	7.24	99.30
	7/12/2023	17.22	1.73	2.34	6.70	218.70
	10/26/2023	13.81	0.934	2.44	7.00	-59.10
	1/3/2024	14.51	0.895	2.29	6.96	-66.30
	4/24/2024	13.74	0.968	2.21	6.84	4.5
MW-2	5/8/2018	14.60	0.81	0.26	7.88	-106.70
	12/2/2019	13.41	0.635	0.25	7.90	98.80
	7/12/2023	15.47	1.151	2.47	6.57	209.40
	10/26/2023	13.98	0.661	2.32	7.57	-22.90
	1/3/2024	13.56	0.663	2.27	7.48	-27.80
	4/24/2024	13.55	0.672	2.31	7.40	122.80
MW-3	5/8/2018	--	--	--	--	--
	12/2/2019	12.80	0.56	0.56	7.72	87.50
	7/12/2023	15.66	1.01	2.37	6.55	212.00
	10/26/2023	11.73	0.55	2.44	7.59	-1.80
	1/3/2024	11.01	0.49	2.61	7.52	-72.90
	4/24/2024	11.69	0.57	2.45	7.35	12.70
MW-4	5/8/2018	--	--	--	--	--
	12/2/2019	12.53	0.66	0.30	7.58	87.90
	7/12/2023	17.67	1.30	1.52	6.75	190.20
	10/26/2023	13.06	0.65	2.39	7.43	-76.00
	1/3/2024	12.10	0.65	2.59	7.25	112.10
	4/24/2024	12.51	0.66	2.34	7.27	3.80
MW-5	5/8/2018	14.70	0.41	0.13	8.26	-170.10
	12/2/2019	13.70	0.51	0.33	8.42	97.10
	7/12/2023	15.59	0.92	2.41	6.63	203.90
	10/26/2023	14.48	0.53	2.55	7.72	-97.00
	1/3/2024	14.57	0.52	2.27	7.72	-46.10
	4/24/2024	13.96	0.52	2.26	7.54	-12.80

Table 6 - Summary of Water Quality Indicator Parameters
Manor Market
Lynnwood, WA

Well Number	Date Collected	Temp (°C)	Conductivity (mS/cm)	Dissolved Oxygen (mg/L)	pH	ORP
MW-6	5/8/2018	13.60	0.61	0.11	7.04	-177.90
	12/2/2019	14.32	0.89	0.43	6.99	110.20
	7/12/2023	--	--	--	--	--
	10/26/2023	15.80	0.98	2.28	6.69	-27.10
	1/3/2024	13.94	0.97	2.28	6.63	15.60
	4/24/2024	13.89	1.01	2.28	6.57	120.30
MW-7	7/12/2023	18.69	0.83	2.27	6.87	178.90
	10/26/2023	14.00	0.43	2.30	7.54	74.00
	1/3/2024	11.49	0.35	3.11	8.36	75.60
	4/24/2024	14.19	0.42	2.26	7.67	114.00
MW-8	7/12/2023	15.19	0.92	2.60	6.43	219.50
	10/26/2023	14.40	0.51	2.30	7.85	-76.90
	1/3/2024	13.99	0.51	2.37	7.78	-57.40
	4/24/2024	13.32	0.50	2.25	7.72	-56.10
MW-9	7/12/2023	15.62	1.06	2.39	6.40	228.20
	10/26/2023	13.32	0.59	2.39	7.81	-81.40
	1/3/2024	14.10	0.53	2.29	7.79	-82.60
	4/24/2024	13.84	0.59	2.30	7.64	-48.50
MW-10	5/8/2018	18.10	0.38	0.16	7.36	-29.90
	12/2/2019	12.72	0.40	3.21	7.42	91.50
	7/12/2023	17.05	0.79	1.85	6.60	204.90
	10/26/2023	11.85	0.45	3.89	7.09	99.20
	1/3/2024	11.87	0.44	4.75	6.88	141.40
	4/24/2024	12.49	0.49	3.01	7.29	-5.90
MW-11	5/8/2018	--	--	--	--	--
	12/2/2019	13.60	0.85	0.59	7.27	93.80
	7/12/2023	15.72	1.41	3.35	6.57	211.70
	10/26/2023	12.74	0.82	2.37	6.83	58.70
	1/3/2024	13.28	0.81	2.39	6.73	18.30
	4/24/2024	13.23	0.79	2.35	6.86	24.50

Table 6 - Summary of Water Quality Indicator Parameters
Manor Market
Lynnwood, WA

Well Number	Date Collected	Temp (°C)	Conductivity (mS/cm)	Dissolved Oxygen (mg/L)	pH	ORP

Notes:
°C = degrees Celsius
mS/cm = milliSiemens per centimeter
mg/L = milligrams per liter
ORP = Oxidation reduction potential
-- = Not measured, not available, or not applicable

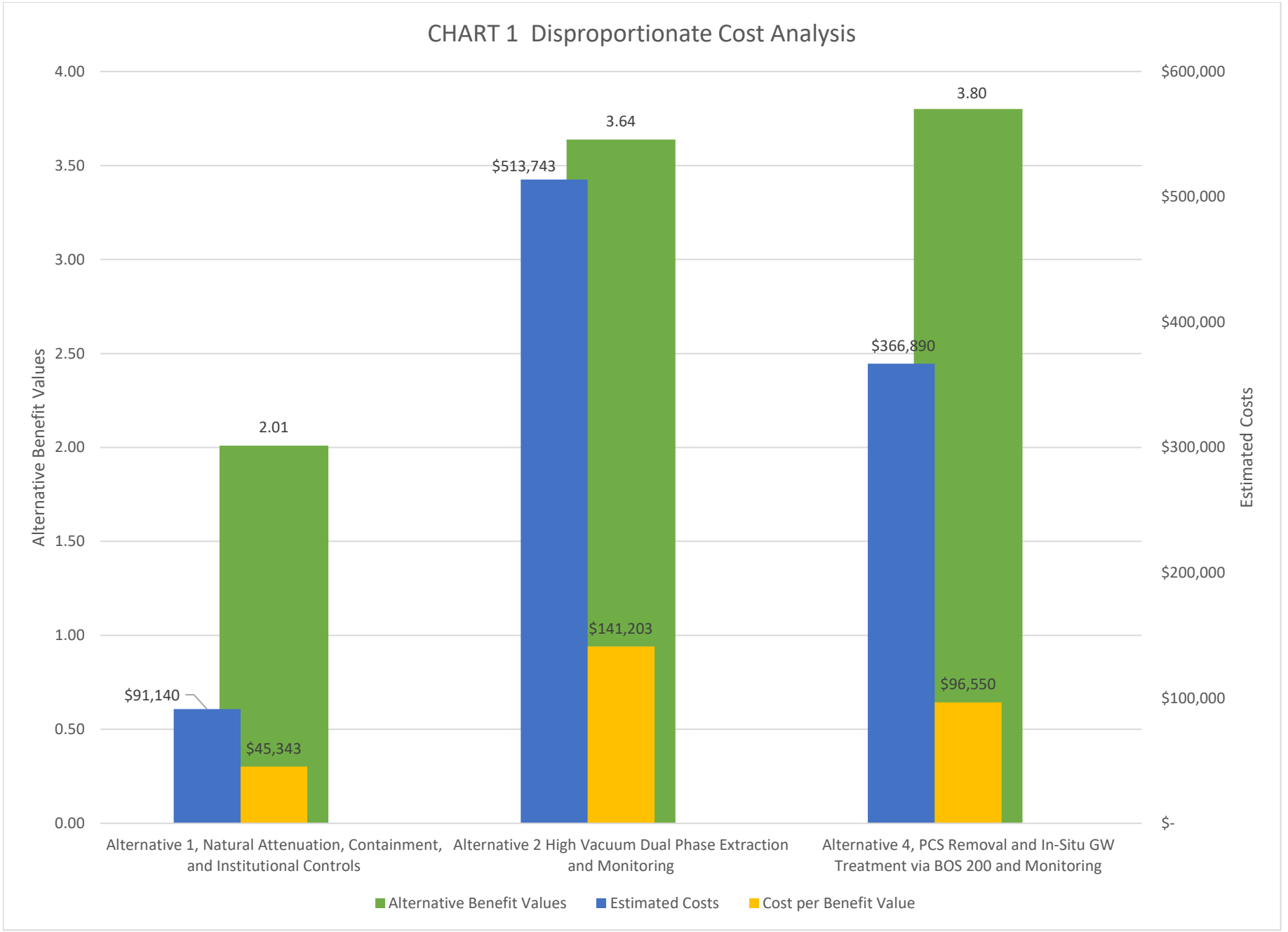


CHART 1 Disproportionate Cost Analysis
Alternative Benefit Values
Estimated Costs
4.00
3.50
3.00
2.50
2.00
1.50
1.00
0.50
0.00
$600,000
$500,000
$400,000
$300,000
$200,000
$100,000
$-
2.01
3.64
3.80
$91,140
$45,343
$513,743
$141,203
$366,890
$96,550
Alternative 1, Natural Attenuation, Containment, and Institutional Controls
Alternative 2 High Vacuum Dual Phase Extraction and Monitoring
Alternative 4, PCS Removal and In-Situ GW Treatment via BOS 200 and Monitoring
Alternative Benefit Values
Estimated Costs
Cost per Benefit Value

APPENDIX A

Supporting Documents
Boring Logs
Laboratory Datasheets
Terrestrial Ecological Evaluation

2633 Parkmont Lane SW, Suite A • Olympia, WA • 98502-5751
Phone: 360-352-9835 • Fax: 360-352-8164 • Email: admin@aegwa.com

LOG OF BOREHOLE

PROJECT: *Manor Market* **JOB #** ***11-124*** **BORING #** ***B-5*** **PAGE 1 of 1**

Location: *3609 164th Street SW, Lynnwood, WA* **Boring Diameter:** *8.5" HSA w/ 3.5x18-inch split spoon*

Subcontractor/Driller: *Cascade/Wes Kennedy* **Drilling Equipment:** *Truck mounted auger w/140lb cable tool*

Date: *October 16, 2023* **Logged by:** *ND*

Boring Depth (feet)	Soil Description	Unified Soil Symbol	Sample Type	Sample Recovery	Sample Number	Blows (6"-12"-18")	PID Reading	Moisture	Comments
	0 to 5': Asphalt								Background PID: 0.0-0.5 ppm
5									
	Grey SILTY SAND with gravel	SM	SS	18/18"	B5-05.5	23-29-27	0.0	Moist	
10									
			SS	None		50/6"			
15									
	Grey-brown SANDY SILT with gravel	ML	SS	3/3"	B5-15	50/3"	0.0	Moist	
20									
	Grey SANDY SILT with sparse gravel	ML	SS	10/10"	B5-20.5	37-50/4"	0.0	Moist	
25									
	Grey SANDY SILT with sparse gravel	ML	SS	18/18"	B5-26.0	14-22-26	0.0	Moist	
30									
	Grey SANDY SILT with sparse gravel	ML	SS	18/18"	B5-31.0	21-25-29	0.3	Moist	
35									
	Grey SANDY SILT with sparse gravel	ML	SS	18/18"	B5-35.5	19-26-24		Moist	
40	Grey SANDY SILT with sparse gravel	ML	SS	18/18"	B5-40.5	27-29-30			
	@ 41': Light brown SILTY SAND with sparse gravel	SM						Moist	
45									
	Brown-grey SILTY SAND	SM	SS	12/12"	B5-46.0	42-50/6"		Moist	
	Total Depth: 46.0 feet; no water encountered. Boring backfilled with bentonite and patched with black concrete.								

Notes:

LOG OF BOREHOLE

PROJECT: *Manor Market* **JOB #** ***11-124*** **BORING #** ***B-6*** **PAGE 1 of 1**

Location: *3609 164th Street SW, Lynnwood, WA* **Boring Diameter:** *8.5" HSA w/ 3.5x18-inch split spoon*

Subcontractor/Driller: *Cascade/Wes Kennedy* **Drilling Equipment:** *Truck mounted auger w/140lb cable tool*

Date: *October 17, 2023* **Logged by:** *ND*

Boring Depth (feet)	Soil Description	Unified Soil Symbol	Sample Type	Sample Recovery	Sample Number	Blows (6"-12"-18")	PID Reading	Moisture	Comments
	0 to 2.5': Asphalt								Background PID: 0.0-0.5 ppm
									Air knife to 6'
5									
	Grey brown SANDY SILT with gravel	ML	SS	18/18"	B6-6.0	12-42-47	0.0	Moist	
10									
	Yellow-brown SANDY SILT with gravel	ML	SS	18/18"	B6-10.0	13-19-20	0.0	Moist	
15									
	Brown-grey SANDY SILT with gravel	ML	SS	18/18"	B6-15.0	18-23-24	0.0	Moist	
20									
	Brown-grey SANDY SILT with gravel	ML	SS	18/18"	B6-20.0	23-14-27	0.0	Moist	
25									
	Grey SANDY SILT with gravel	ML	SS	18/18"	B6-25.0	21-20-23	0.0	Moist	
30									
	Grey SANDY SILT with gravel	ML	SS	18/18"	B6-30.5	20-23-27	0.3	Moist	
35									
	Grey SAND with SILT and gravel	SW-SM	SS	9/18"	B6-35.0	23-24-27	0.0	Moist	
40									
	Grey SILTY SAND with gravel	SM	SS	18/18"	B6-40.5	23-27-25	0.0	Moist	
45									
	Grey SILTY SAND with gravel	SM	SS	14/18"	B6-46.0	25-26-27	0.0	Moist	
	Total Depth: 46.5 feet; no water encountered. Boring backfilled with bentonite and patched with black concrete.								

Notes:

LOG OF BOREHOLE

PROJECT: *Manor Market* **JOB #** ***11-124*** **BORING #** ***B-7*** **PAGE 1 of 1**

Location: *3609 164th Street SW, Lynnwood, WA* **Boring Diameter:** *8.5" HSA w/ 3.5x18-inch split spoon*

Subcontractor/Driller: *Cascade/Wes Kennedy* **Drilling Equipment:** *Truck mounted auger (CME 85) w/140lb cable tool*

Date: *October 18, 2023* **Logged by:** *ND*

Boring Depth (feet)	Soil Description	Unified Soil Symbol	Sample Type	Sample Recovery	Sample Number	Blows (6"-12"-18")	PID Reading	Moisture	Comments
	0 to 1': Asphalt								Background PID: 0.0-0.5 ppm
									Air knife to 5'
5									
	Yellow-brown SILTY SAND with gravel	SM	SS	18/18"	B7-05.0		0.0	Moist	
10									
	Grey-brown SANDY SILT with gravel	ML	SS	18/18"	B7-10.0		0.0	Moist	
15									
	Grey SANDY SILT with gravel	ML	SS	18/18"	B7-15.0	21-22-24	0.0	Moist	
20									
	Grey SANDY SILT with gravel	ML	SS	12/12"	B7-20.0	37-50/6"	0.0	Moist	
25									
	Grey SANDY SILT with gravel	ML	SS	18/18"	B7-25.0	21-23-26	0.0	Moist	
30									
	Grey SANDY SILT with gravel	ML	SS	12/12"	B7-30.0	29-50/6"	0.0	Moist	
35									
	Grey SANDY SILT with gravel	ML	SS	12/18"	B7-35.0	23-25-28	0.0	Moist	
40									
	Grey SANDY SILT with gravel	ML	SS	12/12"	B7-40.0	39-50/6"	0.0	Moist	
45									
	Grey SANDY SILT with gravel	ML	SS	10/12"	B7-45.0	36-50/6"	0.0	Moist	
	Total Depth: 46.0 feet; no water encountered. Boring backfilled with bentonite and patched with black concrete.								

Notes:

LOG OF BOREHOLE

PROJECT: *Manor Market* **JOB #** ***11-124*** **BORING #** ***B-8*** **PAGE 1 of 1**

Location: *3609 164th Street SW, Lynnwood, WA* **Boring Diameter:** *8.5" HSA w/ 3.5x18-inch split spoon*

Subcontractor/Driller: *Cascade/Wes Kennedy* **Drilling Equipment:** *Truck mounted auger (CME 85) w/140lb cable tool*

Date: *October 18, 2023* **Logged by:** *ND*

Boring Depth (feet)	Soil Description	Unified Soil Symbol	Sample Type	Sample Recovery	Sample Number	Blows (6"-12"-18")	PID Reading	Moisture	Comments
	0 to 1': Asphalt								Background PID: 0.0-0.5 ppm
									Air knife to 5'
5									
	Brown-grey SILTY SAND with gravel	SM	SS	12/16"	B8-05.0	17-19-20	0.0	Moist	
10									
	Brown SANDY SILT with gravel	ML	SS	18/18"	B8-10.0	14-17-15	0.0	Moist	
	at 11': Becomes grey								
15									
	Grey SANDY SILT with sparse gravel	ML	SS	18/18"	B8-15.0	20-21-24	0.0	Moist	
20									
	Grey SANDY SILT with sparse gravel	ML	SS	18/18"	B8-20.0	21-24-22	0.0	Moist	
25									
	Grey SANDY SILT with sparse gravel	ML	SS	18/18"	B8-25.0	23-22-25	0.0	Moist	
30									
	Grey SANDY SILT with sparse gravel	ML	SS	12/18"	B8-30.0	24-26-29	0.0	Moist	
35									
	Grey SANDY SILT with sparse gravel	ML	SS	12/12"	B8-35.0	34-50/6"	0.0	Moist	
40									
	Grey SANDY SILT with sparse gravel	ML	SS	12/12"	B8-40.0	38-50/6"	0.0	Moist	
45									
	Grey SANDY SILT with sparse gravel	ML	SS	6/12"	B8-46.0	50-50/6"	0.0	Moist	
	Total Depth: 46.0 feet; no water encountered. Boring backfilled with bentonite and patched with black concrete.								

Notes:

Libby Environmental, Inc.

3322 South Bay Road NE • Olympia, WA 98506-2957

Phone (360) 352-2110 • libbyenv@gmail.com

October 26, 2023

Scott Rose
AEG an Atlas Geosciences NW Company
2633 Parkmont Lane SW, Suite A
Olympia, WA 98502

RE: Manor Market
Work Order Number: L23J097

Enclosed are the results of analyses for samples received by our laboratory on 10/19/2023.

Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of within 30 days unless we are contacted to arrange long term storage.

Libby Environmental, Inc. appreciates the opportunity to have provided analytical services for this project. If you have any further questions about the data report, please feel free to contact us. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

Sherry Chilcutt
Senior Chemist

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Chain of Custody Record

www.LibbyEnvironmental.c

Date: 10/19/23 Page: 1 of 3

Client: AEG ATLAS LLC
Project Manager: Nathan Dicky
Address:
Project Name: Manor Market
City: Olympia State: Zip:
Location: Lynnwood, WA City, State:
Phone: Fax:
Collector: Nathan Dicky Date of Collection: 10/16-18
Client Project # 11-124
Email: AEG email list

Sample Number	Depth	Time	Sample Type	Container Type	VOC 8260	PCE & Daughter Prod.	NWTPH-Gx	BTEX (8260) / (8021)	NWTPH-HCID	NWTPH-Dx / Dx	PCB 8082	MTCA 5 Metals	RCRA 8 Metals	c PAH 8270	PAH 8270	Semi Vol 8270	MTBE	Field Notes
1 BS-05.5	5.5	1236	S	JAR+VOA			X	X								X		10/16 2
2 BS-15.0	15	1250																
3 BS-20.5	20.5	1258																
4 BS-26.0	26	1305																
5 BS-31.0	31	1311																
6 BS-35.5	35.5	1317																
7 BS-41.0	41	1325																
8 BS-45.5	45.5	1330																
9 B6-06.0	6	1148																10/17 2
10 B6-10.0	10	1153																
11 B6-15.0	15	1200																
12 B6-20.0	20	1207																
13 B6-25.0	25	1211																
14 B6-30.5	30.5	1217																
15 B6-35.0	35.	1222																
16 B6-40.5	40.5	1228																
17 B6-46.0	46	1230																

Relinquished by:	Date / Time	Received by:	Date / Time
	10/19 1315		10/19/23 1315
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt

	Y	N
Good Condition?		
Cooler Temp.		°C
Sample Temp.		°C
Total Number of Containers		

Remarks:

TAT: 1-Day 2-Day 5-DAY

LEGAL ACTION CLAUSE: *In the event of default of payment and/or failure to pay, Client agrees to pay the costs of collection including court costs and reasonable attorney fees to be determined by a court of law.*

Distribution: White - Lab, Yellow - Originator

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Chain of Custody Record

www.LibbyEnvironmental.c

Date: 10/18/23 Page: 2 of 3

Client:

Address:

City: State: Zip:

Phone: Fax:

Client Project # 11-124

Project Manager: Nathan Dickey

Project Name: Manor Market

Location: City, State:

Collector: Date of Collection:

Email:

	Sample Number	Depth	Time	Sample Type	Container Type	VOC 8260	PCE & Daughter Prod.	NWTPH-Gx	BTEX (8260) / (8021)	NWTPH-HCID	NWTPH-Dx / Dx	PCB 8082	MTCA 5 Metals	RCRA 8 Metals	c PAH 8270	PAH 8270	Semi Vol 8270	MTBE	Field Notes
1	B7-05.0	5	0825	S	Jar + VOA			X	X								X		
2	B7-10.0	10	0830																
3	B7-15.0	15	0838																
4	B7-20.0	20	0842																
5	B7-25.0	25	0926																
6	B7-30.0	30	0932																
7	B7-35.0	35	0942																
8	B7-40.0	40	0946																
9	B7-45.0	45	0953																
10	B8-05.0	5	1056																
11	B8-10.0	10	1100																
12	B8-15.0	15	1105																
13	B8-20.0	20	1112																
14	B8-25.0	25	1152																
15	B8-30.0	30	1158																
16	B8-35.0	35	1203																
17	B8-40.0	40	1215																

Relinquished by:	Date / Time	Received by:	Date / Time
	10/19 1315		10/19/23 1315
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt

Good Condition?	Y	N
Cooler Temp.		°C
Sample Temp.		°C
Total Number of Containers		

Remarks:

TAT: 1-Day 2-Day 5-DAY

LEGAL ACTION CLAUSE: *In the event of default of payment and/or failure to pay, Client agrees to pay the costs of collection including court costs and reasonable attorney fees to be determined by a court of law.*

Distribution: White - Lab, Yellow - Originator

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Chain of Custody Record

www.LibbyEnvironmental.c

Date: 10/19/23 Page: 3 of 3

Client:
Address:
City: State: Zip:
Phone: Fax:
Client Project # 11-124

Project Manager:
Project Name:
Location: City, State:
Collector: Date of Collection: 10/18/23
Email:

Sample Number	Depth	Time	Sample Type	Container Type	VOC 8260	PCE & Daughter Prod.	NWTPH-Gx	BTEX (8260) / (8021)	NWTPH-HCID	NWTPH-Dx / Dx	PCB 8082	MTCA 5 Metals	RCRA 8 Metals	c PAH 8270	PAH 8270	Semi Vol 8270	MTBE		Field Notes
1 BB-46.0	46	1224	S	JAR-WA			X	X								X			
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			

Relinquished by:	Date / Time	Received by:	Date / Time
	10/19 1315		10/19/23 13:13
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt

Good Condition?	Y	N
Cooler Temp.		°C
Sample Temp.		°C
Total Number of Containers		

Remarks:

TAT: 1-Day 2-Day 5-DAY

LEGAL ACTION CLAUSE: *In the event of default of payment and/or failure to pay, Client agrees to pay the costs of collection including court costs and reasonable attorney fees to be determined by a court of law.*

Distribution: White - Lab, Yellow - Originator

Libby Environmental, Inc.

AEG an Atlas Geosciences NW Company
2633 Parkmont Lane SW, Suite A
Olympia, WA 98502

Project: Manor Market
Project Number: 11-124
Project Manager: Scott Rose

City/State: Lynwood, WA
Work Order: L23J097
Reported: 10/26/2023 16:24

Notes and Definitions

Item	Definition
RL	Reporting Limit
ND	Analyte NOT DETECTED at or above the reporting limit
DET	Analyte DETECTED at or above the reporting limit
Qual	Qualifier

All results reported on an "as received" basis unless indicated by "Dry"

Work Order Sample Summary

Lab ID	Sample	Matrix	Date Sampled	Date Received
L23J097-01	B5-05.5	Soil	10/16/2023	10/19/2023
L23J097-02	B5-15.0	Soil	10/16/2023	10/19/2023
L23J097-03	B5-20.5	Soil	10/16/2023	10/19/2023
L23J097-04	B5-26.0	Soil	10/16/2023	10/19/2023
L23J097-05	B5-31.0	Soil	10/16/2023	10/19/2023
L23J097-06	B5-35.5	Soil	10/16/2023	10/19/2023
L23J097-07	B5-41.0	Soil	10/16/2023	10/19/2023
L23J097-08	B5-45.5	Soil	10/16/2023	10/19/2023
L23J097-09	B6-06.0	Soil	10/17/2023	10/19/2023
L23J097-10	B6-10.0	Soil	10/17/2023	10/19/2023
L23J097-11	B6-15.0	Soil	10/17/2023	10/19/2023
L23J097-12	B6-20.0	Soil	10/17/2023	10/19/2023
L23J097-13	B6-25.0	Soil	10/17/2023	10/19/2023
L23J097-14	B6-30.5	Soil	10/17/2023	10/19/2023
L23J097-15	B6-35.0	Soil	10/17/2023	10/19/2023
L23J097-16	B6-40.5	Soil	10/17/2023	10/19/2023
L23J097-17	B6-46.0	Soil	10/17/2023	10/19/2023
L23J097-18	B7-05.0	Soil	10/18/2023	10/19/2023
L23J097-19	B7-10.0	Soil	10/18/2023	10/19/2023
L23J097-20	B7-15.0	Soil	10/18/2023	10/19/2023
L23J097-21	B7-20.0	Soil	10/18/2023	10/19/2023
L23J097-22	B7-25.0	Soil	10/18/2023	10/19/2023
L23J097-23	B7-30.0	Soil	10/18/2023	10/19/2023
L23J097-24	B7-35.0	Soil	10/18/2023	10/19/2023
L23J097-25	B7-40.0	Soil	10/18/2023	10/19/2023
L23J097-26	B7-45.0	Soil	10/18/2023	10/19/2023
L23J097-27	B8-05.0	Soil	10/18/2023	10/19/2023
L23J097-28	B8-10.0	Soil	10/18/2023	10/19/2023
L23J097-29	B8-15.0	Soil	10/18/2023	10/19/2023
L23J097-30	B8-20.0	Soil	10/18/2023	10/19/2023
L23J097-31	B8-25.0	Soil	10/18/2023	10/19/2023
L23J097-32	B8-30.0	Soil	10/18/2023	10/19/2023
L23J097-33	B8-35.0	Soil	10/18/2023	10/19/2023
L23J097-34	B8-40.0	Soil	10/18/2023	10/19/2023

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document.
No duplication of this report is allowed, except in its entirety.

Libby Environmental, Inc.

AEG an Atlas Geosciences NW Company	**Project:** Manor Market	**City/State:** Lynwood, WA
2633 Parkmont Lane SW, Suite A	**Project Number:** 11-124	**Work Order:** L23J097
Olympia, WA 98502	**Project Manager:** Scott Rose	**Reported:** 10/26/2023 16:24

Work Order Sample Summary

Lab ID	Sample	Matrix	Date Sampled	Date Received
L23J097-35	B8-46.0	Soil	10/18/2023	10/19/2023

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document.
No duplication of this report is allowed, except in its entirety.

AEG an Atlas Geosciences NW Company
2633 Parkmont Lane SW, Suite A
Olympia, WA 98502

Project: Manor Market
Project Number: 11-124
Project Manager: Scott Rose

City/State: Lynwood, WA
Work Order: L23J097
Reported: 10/26/2023 16:24

Sample Results

Client Sample ID: B5-05.5

Lab ID: L23J097-01 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Methyl tert-Butyl Ether (MTBE)	ND		0.030	mg/kg dry	10/21/2023	SC
Benzene	ND		0.012	mg/kg dry	10/21/2023	SC
Toluene	ND		0.060	mg/kg dry	10/21/2023	SC
Ethylbenzene	ND		0.030	mg/kg dry	10/21/2023	SC
Total Xylenes	ND		0.090	mg/kg dry	10/21/2023	SC
Surrogate: Dibromofluoromethane	*123%*		*22.9-220*		*10/21/2023*	*SC*
Surrogate: 1,2-Dichloroethane-d4	*122%*		*32.2-196*		*10/21/2023*	*SC*
Surrogate: Toluene-d8	*89.1%*		*47.3-146*		*10/21/2023*	*SC*
Surrogate: 4-Bromofluorobenzene	*74.3%*		*38.4-136*		*10/21/2023*	*SC*
Gasoline by Method NWTPH-Gx						
Gasoline	ND		6.0	mg/kg dry	10/21/2023	SC
Surrogate: Toluene-d8	*89.1%*		*47.3-146*		*10/21/2023*	*SC*
Moisture by ASTM D2216-19						
Moisture	12		0.50	%	10/20/2023	BW

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No duplication of this report is allowed, except in its entirety.

AEG an Atlas Geosciences NW Company
2633 Parkmont Lane SW, Suite A
Olympia, WA 98502

Project: Manor Market
Project Number: 11-124
Project Manager: Scott Rose

City/State: Lynwood, WA
Work Order: L23J097
Reported: 10/26/2023 16:24

Sample Results (Continued)

Client Sample ID: B5-15.0

Lab ID: L23J097-02 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Methyl tert-Butyl Ether (MTBE)	ND		0.037	mg/kg dry	10/21/2023	SC
Benzene	ND		0.015	mg/kg dry	10/21/2023	SC
Toluene	ND		0.075	mg/kg dry	10/21/2023	SC
Ethylbenzene	ND		0.037	mg/kg dry	10/21/2023	SC
Total Xylenes	ND		0.11	mg/kg dry	10/21/2023	SC
Surrogate: Dibromofluoromethane	*119%*		*22.9-220*		*10/21/2023*	*SC*
Surrogate: 1,2-Dichloroethane-d4	*104%*		*32.2-196*		*10/21/2023*	*SC*
Surrogate: Toluene-d8	*70.4%*		*47.3-146*		*10/21/2023*	*SC*
Surrogate: 4-Bromofluorobenzene	*79.6%*		*38.4-136*		*10/21/2023*	*SC*
Gasoline by Method NWTPH-Gx						
Gasoline	ND		7.5	mg/kg dry	10/21/2023	SC
Surrogate: Toluene-d8	*70.4%*		*47.3-146*		*10/21/2023*	*SC*
Moisture by ASTM D2216-19						
Moisture	14		0.50	%	10/20/2023	BW

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No duplication of this report is allowed, except in its entirety.

AEG an Atlas Geosciences NW Company
2633 Parkmont Lane SW, Suite A
Olympia, WA 98502

Project: Manor Market
Project Number: 11-124
Project Manager: Scott Rose

City/State: Lynwood, WA
Work Order: L23J097
Reported: 10/26/2023 16:24

Sample Results (Continued)

Client Sample ID: B5-20.5

Lab ID: L23J097-03 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Methyl tert-Butyl Ether (MTBE)	ND		0.032	mg/kg dry	10/21/2023	SC
Benzene	ND		0.013	mg/kg dry	10/21/2023	SC
Toluene	ND		0.063	mg/kg dry	10/21/2023	SC
Ethylbenzene	ND		0.032	mg/kg dry	10/21/2023	SC
Total Xylenes	ND		0.095	mg/kg dry	10/21/2023	SC
Surrogate: Dibromofluoromethane	*124%*		*22.9-220*		*10/21/2023*	*SC*
Surrogate: 1,2-Dichloroethane-d4	*119%*		*32.2-196*		*10/21/2023*	*SC*
Surrogate: Toluene-d8	*87.8%*		*47.3-146*		*10/21/2023*	*SC*
Surrogate: 4-Bromofluorobenzene	*74.8%*		*38.4-136*		*10/21/2023*	*SC*
Gasoline by Method NWTPH-Gx						
Gasoline	ND		6.3	mg/kg dry	10/21/2023	SC
Surrogate: Toluene-d8	*87.8%*		*47.3-146*		*10/21/2023*	*SC*
Moisture by ASTM D2216-19						
Moisture	13		0.50	%	10/20/2023	BW

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document.
No duplication of this report is allowed, except in its entirety.

AEG an Atlas Geosciences NW Company	**Project:** Manor Market	**City/State:** Lynwood, WA
2633 Parkmont Lane SW, Suite A	**Project Number:** 11-124	**Work Order:** L23J097
Olympia, WA 98502	**Project Manager:** Scott Rose	**Reported:** 10/26/2023 16:24

Sample Results (Continued)

Client Sample ID: B5-26.0

Lab ID: L23J097-04 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Methyl tert-Butyl Ether (MTBE)	ND		0.032	mg/kg dry	10/21/2023	SC
Benzene	ND		0.013	mg/kg dry	10/21/2023	SC
Toluene	ND		0.064	mg/kg dry	10/21/2023	SC
Ethylbenzene	ND		0.032	mg/kg dry	10/21/2023	SC
Total Xylenes	ND		0.096	mg/kg dry	10/21/2023	SC
Surrogate: Dibromofluoromethane	*124%*		*22.9-220*		*10/21/2023*	*SC*
Surrogate: 1,2-Dichloroethane-d4	*122%*		*32.2-196*		*10/21/2023*	*SC*
Surrogate: Toluene-d8	*89.0%*		*47.3-146*		*10/21/2023*	*SC*
Surrogate: 4-Bromofluorobenzene	*75.7%*		*38.4-136*		*10/21/2023*	*SC*
Gasoline by Method NWTPH-Gx						
Gasoline	ND		6.4	mg/kg dry	10/21/2023	SC
Surrogate: Toluene-d8	*89.0%*		*47.3-146*		*10/21/2023*	*SC*
Moisture by ASTM D2216-19						
Moisture	14		0.50	%	10/20/2023	BW

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No duplication of this report is allowed, except in its entirety.

AEG an Atlas Geosciences NW Company
2633 Parkmont Lane SW, Suite A
Olympia, WA 98502

Project: Manor Market
Project Number: 11-124
Project Manager: Scott Rose

City/State: Lynwood, WA
Work Order: L23J097
Reported: 10/26/2023 16:24

Sample Results (Continued)

Client Sample ID: B5-31.0

Lab ID: L23J097-05 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Methyl tert-Butyl Ether (MTBE)	ND		0.031	mg/kg dry	10/21/2023	SC
Benzene	ND		0.012	mg/kg dry	10/21/2023	SC
Toluene	ND		0.062	mg/kg dry	10/21/2023	SC
Ethylbenzene	ND		0.031	mg/kg dry	10/21/2023	SC
Total Xylenes	ND		0.092	mg/kg dry	10/21/2023	SC
Surrogate: Dibromofluoromethane	*132%*		*22.9-220*		*10/21/2023*	*SC*
Surrogate: 1,2-Dichloroethane-d4	*131%*		*32.2-196*		*10/21/2023*	*SC*
Surrogate: Toluene-d8	*92.7%*		*47.3-146*		*10/21/2023*	*SC*
Surrogate: 4-Bromofluorobenzene	*79.1%*		*38.4-136*		*10/21/2023*	*SC*
Gasoline by Method NWTPH-Gx						
Gasoline	ND		6.2	mg/kg dry	10/21/2023	SC
Surrogate: Toluene-d8	*92.7%*		*47.3-146*		*10/21/2023*	*SC*
Moisture by ASTM D2216-19						
Moisture	12		0.50	%	10/20/2023	BW

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AEG an Atlas Geosciences NW Company	**Project:** Manor Market	**City/State:** Lynwood, WA
2633 Parkmont Lane SW, Suite A	**Project Number:** 11-124	**Work Order:** L23J097
Olympia, WA 98502	**Project Manager:** Scott Rose	**Reported:** 10/26/2023 16:24

Sample Results (Continued)

Client Sample ID: B5-35.5

Lab ID: L23J097-06 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Methyl tert-Butyl Ether (MTBE)	ND		0.034	mg/kg dry	10/21/2023	SC
Benzene	ND		0.013	mg/kg dry	10/21/2023	SC
Toluene	ND		0.067	mg/kg dry	10/21/2023	SC
Ethylbenzene	ND		0.034	mg/kg dry	10/21/2023	SC
Total Xylenes	ND		0.10	mg/kg dry	10/21/2023	SC
Surrogate: Dibromofluoromethane	*123%*		*22.9-220*		*10/21/2023*	*SC*
Surrogate: 1,2-Dichloroethane-d4	*111%*		*32.2-196*		*10/21/2023*	*SC*
Surrogate: Toluene-d8	*84.2%*		*47.3-146*		*10/21/2023*	*SC*
Surrogate: 4-Bromofluorobenzene	*69.2%*		*38.4-136*		*10/21/2023*	*SC*
Gasoline by Method NWTPH-Gx						
Gasoline	ND		6.7	mg/kg dry	10/21/2023	SC
Surrogate: Toluene-d8	*84.2%*		*47.3-146*		*10/21/2023*	*SC*
Moisture by ASTM D2216-19						
Moisture	11		0.50	%	10/20/2023	BW

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AEG an Atlas Geosciences NW Company	**Project:** Manor Market	**City/State:** Lynwood, WA
2633 Parkmont Lane SW, Suite A	**Project Number:** 11-124	**Work Order:** L23J097
Olympia, WA 98502	**Project Manager:** Scott Rose	**Reported:** 10/26/2023 16:24

Sample Results (Continued)

Client Sample ID: B5-41.0

Lab ID: L23J097-07 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Methyl tert-Butyl Ether (MTBE)	ND		0.030	mg/kg dry	10/21/2023	SC
Benzene	ND		0.012	mg/kg dry	10/21/2023	SC
Toluene	ND		0.060	mg/kg dry	10/21/2023	SC
Ethylbenzene	ND		0.030	mg/kg dry	10/21/2023	SC
Total Xylenes	ND		0.090	mg/kg dry	10/21/2023	SC
Surrogate: Dibromofluoromethane	*129%*		*22.9-220*		*10/21/2023*	*SC*
Surrogate: 1,2-Dichloroethane-d4	*138%*		*32.2-196*		*10/21/2023*	*SC*
Surrogate: Toluene-d8	*86.2%*		*47.3-146*		*10/21/2023*	*SC*
Surrogate: 4-Bromofluorobenzene	*73.7%*		*38.4-136*		*10/21/2023*	*SC*
Gasoline by Method NWTPH-Gx						
Gasoline	ND		6.0	mg/kg dry	10/21/2023	SC
Surrogate: Toluene-d8	*86.2%*		*47.3-146*		*10/21/2023*	*SC*
Moisture by ASTM D2216-19						
Moisture	12		0.50	%	10/20/2023	BW

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No duplication of this report is allowed, except in its entirety.

AEG an Atlas Geosciences NW Company	**Project:** Manor Market	**City/State:** Lynwood, WA
2633 Parkmont Lane SW, Suite A	**Project Number:** 11-124	**Work Order:** L23J097
Olympia, WA 98502	**Project Manager:** Scott Rose	**Reported:** 10/26/2023 16:24

Sample Results (Continued)

Client Sample ID: B5-45.5

Lab ID: L23J097-08 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Methyl tert-Butyl Ether (MTBE)	ND		0.034	mg/kg dry	10/21/2023	SC
Benzene	ND		0.013	mg/kg dry	10/21/2023	SC
Toluene	ND		0.067	mg/kg dry	10/21/2023	SC
Ethylbenzene	ND		0.034	mg/kg dry	10/21/2023	SC
Total Xylenes	ND		0.10	mg/kg dry	10/21/2023	SC
Surrogate: Dibromofluoromethane	*105%*		*22.9-220*		*10/21/2023*	*SC*
Surrogate: 1,2-Dichloroethane-d4	*85.8%*		*32.2-196*		*10/21/2023*	*SC*
Surrogate: Toluene-d8	*90.0%*		*47.3-146*		*10/21/2023*	*SC*
Surrogate: 4-Bromofluorobenzene	*62.4%*		*38.4-136*		*10/21/2023*	*SC*
Gasoline by Method NWTPH-Gx						
Gasoline	ND		6.7	mg/kg dry	10/21/2023	SC
Surrogate: Toluene-d8	*90.0%*		*47.3-146*		*10/21/2023*	*SC*
Moisture by ASTM D2216-19						
Moisture	9.8		0.50	%	10/20/2023	BW

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AEG an Atlas Geosciences NW Company
2633 Parkmont Lane SW, Suite A
Olympia, WA 98502

Project: Manor Market
Project Number: 11-124
Project Manager: Scott Rose

City/State: Lynwood, WA
Work Order: L23J097
Reported: 10/26/2023 16:24

Sample Results (Continued)

Client Sample ID: B6-06.0

Lab ID: L23J097-09 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Methyl tert-Butyl Ether (MTBE)	ND		0.030	mg/kg dry	10/21/2023	SC
Benzene	ND		0.012	mg/kg dry	10/21/2023	SC
Toluene	ND		0.060	mg/kg dry	10/21/2023	SC
Ethylbenzene	ND		0.030	mg/kg dry	10/21/2023	SC
Total Xylenes	ND		0.090	mg/kg dry	10/21/2023	SC
Surrogate: Dibromofluoromethane	*132%*		*22.9-220*		*10/21/2023*	*SC*
Surrogate: 1,2-Dichloroethane-d4	*124%*		*32.2-196*		*10/21/2023*	*SC*
Surrogate: Toluene-d8	*85.2%*		*47.3-146*		*10/21/2023*	*SC*
Surrogate: 4-Bromofluorobenzene	*69.8%*		*38.4-136*		*10/21/2023*	*SC*
Gasoline by Method NWTPH-Gx						
Gasoline	ND		6.0	mg/kg dry	10/21/2023	SC
Surrogate: Toluene-d8	*85.2%*		*47.3-146*		*10/21/2023*	*SC*
Moisture by ASTM D2216-19						
Moisture	12		0.50	%	10/20/2023	BW

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AEG an Atlas Geosciences NW Company	**Project:** Manor Market	**City/State:** Lynwood, WA
2633 Parkmont Lane SW, Suite A	**Project Number:** 11-124	**Work Order:** L23J097
Olympia, WA 98502	**Project Manager:** Scott Rose	**Reported:** 10/26/2023 16:24

Sample Results (Continued)

Client Sample ID: B6-10.0

Lab ID: L23J097-10 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Methyl tert-Butyl Ether (MTBE)	ND		0.034	mg/kg dry	10/21/2023	SC
Benzene	ND		0.014	mg/kg dry	10/21/2023	SC
Toluene	ND		0.068	mg/kg dry	10/21/2023	SC
Ethylbenzene	ND		0.034	mg/kg dry	10/21/2023	SC
Total Xylenes	ND		0.10	mg/kg dry	10/21/2023	SC
Surrogate: Dibromofluoromethane	*115%*		*22.9-220*		*10/21/2023*	*SC*
Surrogate: 1,2-Dichloroethane-d4	*112%*		*32.2-196*		*10/21/2023*	*SC*
Surrogate: Toluene-d8	*85.8%*		*47.3-146*		*10/21/2023*	*SC*
Surrogate: 4-Bromofluorobenzene	*75.0%*		*38.4-136*		*10/21/2023*	*SC*
Gasoline by Method NWTPH-Gx						
Gasoline	ND		6.8	mg/kg dry	10/21/2023	SC
Surrogate: Toluene-d8	*85.8%*		*47.3-146*		*10/21/2023*	*SC*
Moisture by ASTM D2216-19						
Moisture	9.9		0.50	%	10/20/2023	BW

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document.
No duplication of this report is allowed, except in its entirety.

AEG an Atlas Geosciences NW Company	**Project:** Manor Market	**City/State:** Lynwood, WA
2633 Parkmont Lane SW, Suite A	**Project Number:** 11-124	**Work Order:** L23J097
Olympia, WA 98502	**Project Manager:** Scott Rose	**Reported:** 10/26/2023 16:24

Sample Results (Continued)

Client Sample ID: B6-15.0

Lab ID: L23J097-11 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Methyl tert-Butyl Ether (MTBE)	ND		0.030	mg/kg dry	10/21/2023	SC
Benzene	ND		0.012	mg/kg dry	10/21/2023	SC
Toluene	ND		0.061	mg/kg dry	10/21/2023	SC
Ethylbenzene	ND		0.030	mg/kg dry	10/21/2023	SC
Total Xylenes	ND		0.091	mg/kg dry	10/21/2023	SC
Surrogate: Dibromofluoromethane	*124%*		*22.9-220*		*10/21/2023*	*SC*
Surrogate: 1,2-Dichloroethane-d4	*120%*		*32.2-196*		*10/21/2023*	*SC*
Surrogate: Toluene-d8	*88.4%*		*47.3-146*		*10/21/2023*	*SC*
Surrogate: 4-Bromofluorobenzene	*76.4%*		*38.4-136*		*10/21/2023*	*SC*
Gasoline by Method NWTPH-Gx						
Gasoline	ND		6.1	mg/kg dry	10/21/2023	SC
Surrogate: Toluene-d8	*88.4%*		*47.3-146*		*10/21/2023*	*SC*
Moisture by ASTM D2216-19						
Moisture	13		0.50	%	10/20/2023	BW

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No duplication of this report is allowed, except in its entirety.

AEG an Atlas Geosciences NW Company	**Project:** Manor Market	**City/State:** Lynwood, WA
2633 Parkmont Lane SW, Suite A	**Project Number:** 11-124	**Work Order:** L23J097
Olympia, WA 98502	**Project Manager:** Scott Rose	**Reported:** 10/26/2023 16:24

Sample Results (Continued)

Client Sample ID: B6-20.0

Lab ID: L23J097-12 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Methyl tert-Butyl Ether (MTBE)	ND		0.029	mg/kg dry	10/21/2023	SC
Benzene	ND		0.012	mg/kg dry	10/21/2023	SC
Toluene	ND		0.058	mg/kg dry	10/21/2023	SC
Ethylbenzene	ND		0.029	mg/kg dry	10/21/2023	SC
Total Xylenes	ND		0.088	mg/kg dry	10/21/2023	SC
Surrogate: Dibromofluoromethane	*118%*		*22.9-220*		*10/21/2023*	*SC*
Surrogate: 1,2-Dichloroethane-d4	*115%*		*32.2-196*		*10/21/2023*	*SC*
Surrogate: Toluene-d8	*89.2%*		*47.3-146*		*10/21/2023*	*SC*
Surrogate: 4-Bromofluorobenzene	*77.4%*		*38.4-136*		*10/21/2023*	*SC*
Gasoline by Method NWTPH-Gx						
Gasoline	ND		5.8	mg/kg dry	10/21/2023	SC
Surrogate: Toluene-d8	*89.2%*		*47.3-146*		*10/21/2023*	*SC*
Moisture by ASTM D2216-19						
Moisture	13		0.50	%	10/20/2023	BW

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document.
No duplication of this report is allowed, except in its entirety.

AEG an Atlas Geosciences NW Company	**Project:** Manor Market	**City/State:** Lynwood, WA
2633 Parkmont Lane SW, Suite A	**Project Number:** 11-124	**Work Order:** L23J097
Olympia, WA 98502	**Project Manager:** Scott Rose	**Reported:** 10/26/2023 16:24

Sample Results (Continued)

Client Sample ID: B6-25.0

Lab ID: L23J097-13 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Methyl tert-Butyl Ether (MTBE)	ND		0.028	mg/kg dry	10/21/2023	SC
Benzene	ND		0.011	mg/kg dry	10/21/2023	SC
Toluene	ND		0.057	mg/kg dry	10/21/2023	SC
Ethylbenzene	ND		0.028	mg/kg dry	10/21/2023	SC
Total Xylenes	ND		0.085	mg/kg dry	10/21/2023	SC
Surrogate: Dibromofluoromethane	*124%*		*22.9-220*		*10/21/2023*	*SC*
Surrogate: 1,2-Dichloroethane-d4	*127%*		*32.2-196*		*10/21/2023*	*SC*
Surrogate: Toluene-d8	*91.1%*		*47.3-146*		*10/21/2023*	*SC*
Surrogate: 4-Bromofluorobenzene	*76.9%*		*38.4-136*		*10/21/2023*	*SC*
Gasoline by Method NWTPH-Gx						
Gasoline	ND		5.7	mg/kg dry	10/21/2023	SC
Surrogate: Toluene-d8	*91.1%*		*47.3-146*		*10/21/2023*	*SC*
Moisture by ASTM D2216-19						
Moisture	11		0.50	%	10/20/2023	BW

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No duplication of this report is allowed, except in its entirety.

AEG an Atlas Geosciences NW Company	**Project:** Manor Market	**City/State:** Lynwood, WA
2633 Parkmont Lane SW, Suite A	**Project Number:** 11-124	**Work Order:** L23J097
Olympia, WA 98502	**Project Manager:** Scott Rose	**Reported:** 10/26/2023 16:24

Sample Results (Continued)

Client Sample ID: B6-30.5

Lab ID: L23J097-14 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Methyl tert-Butyl Ether (MTBE)	ND		0.028	mg/kg dry	10/21/2023	SC
Benzene	ND		0.011	mg/kg dry	10/21/2023	SC
Toluene	ND		0.056	mg/kg dry	10/21/2023	SC
Ethylbenzene	ND		0.028	mg/kg dry	10/21/2023	SC
Total Xylenes	ND		0.084	mg/kg dry	10/21/2023	SC
Surrogate: Dibromofluoromethane	*132%*		*22.9-220*		*10/21/2023*	*SC*
Surrogate: 1,2-Dichloroethane-d4	*139%*		*32.2-196*		*10/21/2023*	*SC*
Surrogate: Toluene-d8	*88.2%*		*47.3-146*		*10/21/2023*	*SC*
Surrogate: 4-Bromofluorobenzene	*78.2%*		*38.4-136*		*10/21/2023*	*SC*
Gasoline by Method NWTPH-Gx						
Gasoline	ND		5.6	mg/kg dry	10/21/2023	SC
Surrogate: Toluene-d8	*88.2%*		*47.3-146*		*10/21/2023*	*SC*
Moisture by ASTM D2216-19						
Moisture	11		0.50	%	10/20/2023	BW

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No duplication of this report is allowed, except in its entirety.

AEG an Atlas Geosciences NW Company	**Project:** Manor Market	**City/State:** Lynwood, WA
2633 Parkmont Lane SW, Suite A	**Project Number:** 11-124	**Work Order:** L23J097
Olympia, WA 98502	**Project Manager:** Scott Rose	**Reported:** 10/26/2023 16:24

Sample Results (Continued)

Client Sample ID: B6-35.0

Lab ID: L23J097-15 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Methyl tert-Butyl Ether (MTBE)	ND		0.028	mg/kg dry	10/21/2023	SC
Benzene	ND		0.011	mg/kg dry	10/21/2023	SC
Toluene	ND		0.056	mg/kg dry	10/21/2023	SC
Ethylbenzene	ND		0.028	mg/kg dry	10/21/2023	SC
Total Xylenes	ND		0.084	mg/kg dry	10/21/2023	SC
Surrogate: Dibromofluoromethane	*137%*		*22.9-220*		*10/21/2023*	*SC*
Surrogate: 1,2-Dichloroethane-d4	*167%*		*32.2-196*		*10/21/2023*	*SC*
Surrogate: Toluene-d8	*87.6%*		*47.3-146*		*10/21/2023*	*SC*
Surrogate: 4-Bromofluorobenzene	*107%*		*38.4-136*		*10/21/2023*	*SC*
Gasoline by Method NWTPH-Gx						
Gasoline	ND		5.6	mg/kg dry	10/21/2023	SC
Surrogate: Toluene-d8	*87.6%*		*47.3-146*		*10/21/2023*	*SC*
Moisture by ASTM D2216-19						
Moisture	11		0.50	%	10/20/2023	BW

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AEG an Atlas Geosciences NW Company	**Project:** Manor Market	**City/State:** Lynwood, WA
2633 Parkmont Lane SW, Suite A	**Project Number:** 11-124	**Work Order:** L23J097
Olympia, WA 98502	**Project Manager:** Scott Rose	**Reported:** 10/26/2023 16:24

Sample Results (Continued)

Client Sample ID: B6-40.5

Lab ID: L23J097-16 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Methyl tert-Butyl Ether (MTBE)	ND		0.028	mg/kg dry	10/23/2023	SC
Benzene	ND		0.011	mg/kg dry	10/23/2023	SC
Toluene	ND		0.056	mg/kg dry	10/23/2023	SC
Ethylbenzene	ND		0.028	mg/kg dry	10/23/2023	SC
Total Xylenes	ND		0.084	mg/kg dry	10/23/2023	SC
Surrogate: Dibromofluoromethane	*135%*		*22.9-220*		*10/23/2023*	*SC*
Surrogate: 1,2-Dichloroethane-d4	*141%*		*32.2-196*		*10/23/2023*	*SC*
Surrogate: Toluene-d8	*85.6%*		*47.3-146*		*10/23/2023*	*SC*
Surrogate: 4-Bromofluorobenzene	*68.1%*		*38.4-136*		*10/23/2023*	*SC*
Gasoline by Method NWTPH-Gx						
Gasoline	ND		5.6	mg/kg dry	10/23/2023	SC
Surrogate: Toluene-d8	*85.6%*		*47.3-146*		*10/23/2023*	*SC*
Moisture by ASTM D2216-19						
Moisture	12		0.50	%	10/20/2023	BW

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AEG an Atlas Geosciences NW Company
2633 Parkmont Lane SW, Suite A
Olympia, WA 98502

Project: Manor Market
Project Number: 11-124
Project Manager: Scott Rose

City/State: Lynwood, WA
Work Order: L23J097
Reported: 10/26/2023 16:24

Sample Results (Continued)

Client Sample ID: B6-46.0

Lab ID: L23J097-17 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Methyl tert-Butyl Ether (MTBE)	ND		0.027	mg/kg dry	10/23/2023	SC
Benzene	ND		0.011	mg/kg dry	10/23/2023	SC
Toluene	ND		0.053	mg/kg dry	10/23/2023	SC
Ethylbenzene	ND		0.027	mg/kg dry	10/23/2023	SC
Total Xylenes	ND		0.080	mg/kg dry	10/23/2023	SC
Surrogate: Dibromofluoromethane	*122%*		*22.9-220*		*10/23/2023*	*SC*
Surrogate: 1,2-Dichloroethane-d4	*122%*		*32.2-196*		*10/23/2023*	*SC*
Surrogate: Toluene-d8	*88.0%*		*47.3-146*		*10/23/2023*	*SC*
Surrogate: 4-Bromofluorobenzene	*72.4%*		*38.4-136*		*10/23/2023*	*SC*
Gasoline by Method NWTPH-Gx						
Gasoline	ND		5.3	mg/kg dry	10/23/2023	SC
Surrogate: Toluene-d8	*88.0%*		*47.3-146*		*10/23/2023*	*SC*
Moisture by ASTM D2216-19						
Moisture	12		0.50	%	10/20/2023	BW

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AEG an Atlas Geosciences NW Company
2633 Parkmont Lane SW, Suite A
Olympia, WA 98502

Project: Manor Market
Project Number: 11-124
Project Manager: Scott Rose

City/State: Lynwood, WA
Work Order: L23J097
Reported: 10/26/2023 16:24

Sample Results (Continued)

Client Sample ID: B7-05.0

Lab ID: L23J097-18 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Methyl tert-Butyl Ether (MTBE)	ND		0.028	mg/kg dry	10/21/2023	SC
Benzene	ND		0.011	mg/kg dry	10/21/2023	SC
Toluene	ND		0.056	mg/kg dry	10/21/2023	SC
Ethylbenzene	ND		0.028	mg/kg dry	10/21/2023	SC
Total Xylenes	ND		0.084	mg/kg dry	10/21/2023	SC
Surrogate: Dibromofluoromethane	*128%*		*22.9-220*		*10/21/2023*	*SC*
Surrogate: 1,2-Dichloroethane-d4	*135%*		*32.2-196*		*10/21/2023*	*SC*
Surrogate: Toluene-d8	*85.7%*		*47.3-146*		*10/21/2023*	*SC*
Surrogate: 4-Bromofluorobenzene	*71.6%*		*38.4-136*		*10/21/2023*	*SC*
Gasoline by Method NWTPH-Gx						
Gasoline	ND		5.6	mg/kg dry	10/21/2023	SC
Surrogate: Toluene-d8	*85.7%*		*47.3-146*		*10/21/2023*	*SC*
Moisture by ASTM D2216-19						
Moisture	10		0.50	%	10/20/2023	BW

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AEG an Atlas Geosciences NW Company	**Project:** Manor Market	**City/State:** Lynwood, WA
2633 Parkmont Lane SW, Suite A	**Project Number:** 11-124	**Work Order:** L23J097
Olympia, WA 98502	**Project Manager:** Scott Rose	**Reported:** 10/26/2023 16:24

Sample Results (Continued)

Client Sample ID: B7-10.0

Lab ID: L23J097-19 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Methyl tert-Butyl Ether (MTBE)	ND		0.026	mg/kg dry	10/21/2023	SC
Benzene	ND		0.010	mg/kg dry	10/21/2023	SC
Toluene	ND		0.051	mg/kg dry	10/21/2023	SC
Ethylbenzene	ND		0.026	mg/kg dry	10/21/2023	SC
Total Xylenes	ND		0.077	mg/kg dry	10/21/2023	SC
Surrogate: Dibromofluoromethane	*118%*		*22.9-220*		*10/21/2023*	*SC*
Surrogate: 1,2-Dichloroethane-d4	*128%*		*32.2-196*		*10/21/2023*	*SC*
Surrogate: Toluene-d8	*85.8%*		*47.3-146*		*10/21/2023*	*SC*
Surrogate: 4-Bromofluorobenzene	*73.8%*		*38.4-136*		*10/21/2023*	*SC*
Gasoline by Method NWTPH-Gx						
Gasoline	ND		5.1	mg/kg dry	10/21/2023	SC
Surrogate: Toluene-d8	*85.8%*		*47.3-146*		*10/21/2023*	*SC*
Moisture by ASTM D2216-19						
Moisture	9.9		0.50	%	10/20/2023	BW

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AEG an Atlas Geosciences NW Company	**Project:** Manor Market	**City/State:** Lynwood, WA
2633 Parkmont Lane SW, Suite A	**Project Number:** 11-124	**Work Order:** L23J097
Olympia, WA 98502	**Project Manager:** Scott Rose	**Reported:** 10/26/2023 16:24

Sample Results (Continued)

Client Sample ID: B7-15.0

Lab ID: L23J097-20 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Methyl tert-Butyl Ether (MTBE)	ND		0.024	mg/kg dry	10/21/2023	SC
Benzene	ND		0.0095	mg/kg dry	10/21/2023	SC
Toluene	ND		0.047	mg/kg dry	10/21/2023	SC
Ethylbenzene	ND		0.024	mg/kg dry	10/21/2023	SC
Total Xylenes	ND		0.071	mg/kg dry	10/21/2023	SC
Surrogate: Dibromofluoromethane	*119%*		*22.9-220*		*10/21/2023*	*SC*
Surrogate: 1,2-Dichloroethane-d4	*110%*		*32.2-196*		*10/21/2023*	*SC*
Surrogate: Toluene-d8	*90.8%*		*47.3-146*		*10/21/2023*	*SC*
Surrogate: 4-Bromofluorobenzene	*74.3%*		*38.4-136*		*10/21/2023*	*SC*
Gasoline by Method NWTPH-Gx						
Gasoline	ND		4.7	mg/kg dry	10/21/2023	SC
Surrogate: Toluene-d8	*90.8%*		*47.3-146*		*10/21/2023*	*SC*
Moisture by ASTM D2216-19						
Moisture	9.9		0.50	%	10/20/2023	BW

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AEG an Atlas Geosciences NW Company
2633 Parkmont Lane SW, Suite A
Olympia, WA 98502

Project: Manor Market
Project Number: 11-124
Project Manager: Scott Rose

City/State: Lynwood, WA
Work Order: L23J097
Reported: 10/26/2023 16:24

Sample Results (Continued)

Client Sample ID: B7-20.0

Lab ID: L23J097-21 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Methyl tert-Butyl Ether (MTBE)	ND		0.024	mg/kg dry	10/22/2023	SC
Benzene	ND		0.0096	mg/kg dry	10/22/2023	SC
Toluene	ND		0.048	mg/kg dry	10/22/2023	SC
Ethylbenzene	ND		0.024	mg/kg dry	10/22/2023	SC
Total Xylenes	ND		0.072	mg/kg dry	10/22/2023	SC
Surrogate: Dibromofluoromethane	*121%*		*22.9-220*		*10/22/2023*	*SC*
Surrogate: 1,2-Dichloroethane-d4	*112%*		*32.2-196*		*10/22/2023*	*SC*
Surrogate: Toluene-d8	*91.5%*		*47.3-146*		*10/22/2023*	*SC*
Surrogate: 4-Bromofluorobenzene	*72.0%*		*38.4-136*		*10/22/2023*	*SC*
Gasoline by Method NWTPH-Gx						
Gasoline	ND		4.8	mg/kg dry	10/22/2023	SC
Surrogate: Toluene-d8	*91.5%*		*47.3-146*		*10/22/2023*	*SC*
Moisture by ASTM D2216-19						
Moisture	11		0.50	%	10/20/2023	BW

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AEG an Atlas Geosciences NW Company
2633 Parkmont Lane SW, Suite A
Olympia, WA 98502

Project: Manor Market
Project Number: 11-124
Project Manager: Scott Rose

City/State: Lynwood, WA
Work Order: L23J097
Reported: 10/26/2023 16:24

Sample Results (Continued)

Client Sample ID: B7-25.0

Lab ID: L23J097-22 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Methyl tert-Butyl Ether (MTBE)	ND		0.022	mg/kg dry	10/22/2023	SC
Benzene	ND		0.0089	mg/kg dry	10/22/2023	SC
Toluene	ND		0.044	mg/kg dry	10/22/2023	SC
Ethylbenzene	ND		0.022	mg/kg dry	10/22/2023	SC
Total Xylenes	ND		0.066	mg/kg dry	10/22/2023	SC
Surrogate: Dibromofluoromethane	*129%*		*22.9-220*		*10/22/2023*	*SC*
Surrogate: 1,2-Dichloroethane-d4	*133%*		*32.2-196*		*10/22/2023*	*SC*
Surrogate: Toluene-d8	*91.4%*		*47.3-146*		*10/22/2023*	*SC*
Surrogate: 4-Bromofluorobenzene	*75.8%*		*38.4-136*		*10/22/2023*	*SC*
Gasoline by Method NWTPH-Gx						
Gasoline	ND		4.4	mg/kg dry	10/22/2023	SC
Surrogate: Toluene-d8	*91.4%*		*47.3-146*		*10/22/2023*	*SC*
Moisture by ASTM D2216-19						
Moisture	9.2		0.50	%	10/20/2023	BW

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AEG an Atlas Geosciences NW Company
2633 Parkmont Lane SW, Suite A
Olympia, WA 98502

Project: Manor Market
Project Number: 11-124
Project Manager: Scott Rose

City/State: Lynwood, WA
Work Order: L23J097
Reported: 10/26/2023 16:24

Sample Results (Continued)

Client Sample ID: B7-30.0

Lab ID: L23J097-23 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Methyl tert-Butyl Ether (MTBE)	ND		0.025	mg/kg dry	10/22/2023	SC
Benzene	ND		0.0099	mg/kg dry	10/22/2023	SC
Toluene	ND		0.050	mg/kg dry	10/22/2023	SC
Ethylbenzene	ND		0.025	mg/kg dry	10/22/2023	SC
Total Xylenes	ND		0.074	mg/kg dry	10/22/2023	SC
Surrogate: Dibromofluoromethane	*118%*		*22.9-220*		*10/22/2023*	*SC*
Surrogate: 1,2-Dichloroethane-d4	*115%*		*32.2-196*		*10/22/2023*	*SC*
Surrogate: Toluene-d8	*91.6%*		*47.3-146*		*10/22/2023*	*SC*
Surrogate: 4-Bromofluorobenzene	*71.6%*		*38.4-136*		*10/22/2023*	*SC*
Gasoline by Method NWTPH-Gx						
Gasoline	ND		5.0	mg/kg dry	10/22/2023	SC
Surrogate: Toluene-d8	*91.6%*		*47.3-146*		*10/22/2023*	*SC*
Moisture by ASTM D2216-19						
Moisture	10		0.50	%	10/20/2023	BW

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AEG an Atlas Geosciences NW Company	**Project:** Manor Market	**City/State:** Lynwood, WA
2633 Parkmont Lane SW, Suite A	**Project Number:** 11-124	**Work Order:** L23J097
Olympia, WA 98502	**Project Manager:** Scott Rose	**Reported:** 10/26/2023 16:24

Sample Results (Continued)

Client Sample ID: B7-35.0

Lab ID: L23J097-24 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Methyl tert-Butyl Ether (MTBE)	ND		0.025	mg/kg dry	10/22/2023	SC
Benzene	ND		0.010	mg/kg dry	10/22/2023	SC
Toluene	ND		0.050	mg/kg dry	10/22/2023	SC
Ethylbenzene	ND		0.025	mg/kg dry	10/22/2023	SC
Total Xylenes	ND		0.075	mg/kg dry	10/22/2023	SC
Surrogate: Dibromofluoromethane	*122%*		*22.9-220*		*10/22/2023*	*SC*
Surrogate: 1,2-Dichloroethane-d4	*116%*		*32.2-196*		*10/22/2023*	*SC*
Surrogate: Toluene-d8	*90.8%*		*47.3-146*		*10/22/2023*	*SC*
Surrogate: 4-Bromofluorobenzene	*69.6%*		*38.4-136*		*10/22/2023*	*SC*
Gasoline by Method NWTPH-Gx						
Gasoline	ND		5.0	mg/kg dry	10/22/2023	SC
Surrogate: Toluene-d8	*90.8%*		*47.3-146*		*10/22/2023*	*SC*
Moisture by ASTM D2216-19						
Moisture	9.5		0.50	%	10/20/2023	BW

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AEG an Atlas Geosciences NW Company	**Project:** Manor Market	**City/State:** Lynwood, WA
2633 Parkmont Lane SW, Suite A	**Project Number:** 11-124	**Work Order:** L23J097
Olympia, WA 98502	**Project Manager:** Scott Rose	**Reported:** 10/26/2023 16:24

Sample Results (Continued)

Client Sample ID: B7-40.0

Lab ID: L23J097-25 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Methyl tert-Butyl Ether (MTBE)	ND		0.024	mg/kg dry	10/22/2023	SC
Benzene	ND		0.0095	mg/kg dry	10/22/2023	SC
Toluene	ND		0.047	mg/kg dry	10/22/2023	SC
Ethylbenzene	ND		0.024	mg/kg dry	10/22/2023	SC
Total Xylenes	ND		0.071	mg/kg dry	10/22/2023	SC
Surrogate: Dibromofluoromethane	*125%*		*22.9-220*		*10/22/2023*	*SC*
Surrogate: 1,2-Dichloroethane-d4	*121%*		*32.2-196*		*10/22/2023*	*SC*
Surrogate: Toluene-d8	*90.7%*		*47.3-146*		*10/22/2023*	*SC*
Surrogate: 4-Bromofluorobenzene	*70.6%*		*38.4-136*		*10/22/2023*	*SC*
Gasoline by Method NWTPH-Gx						
Gasoline	ND		4.7	mg/kg dry	10/22/2023	SC
Surrogate: Toluene-d8	*90.7%*		*47.3-146*		*10/22/2023*	*SC*
Moisture by ASTM D2216-19						
Moisture	9.7		0.50	%	10/20/2023	BW

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AEG an Atlas Geosciences NW Company	**Project:** Manor Market	**City/State:** Lynwood, WA
2633 Parkmont Lane SW, Suite A	**Project Number:** 11-124	**Work Order:** L23J097
Olympia, WA 98502	**Project Manager:** Scott Rose	**Reported:** 10/26/2023 16:24

Sample Results (Continued)

Client Sample ID: B7-45.0

Lab ID: L23J097-26 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Methyl tert-Butyl Ether (MTBE)	ND		0.025	mg/kg dry	10/22/2023	SC
Benzene	ND		0.010	mg/kg dry	10/22/2023	SC
Toluene	ND		0.050	mg/kg dry	10/22/2023	SC
Ethylbenzene	ND		0.025	mg/kg dry	10/22/2023	SC
Total Xylenes	ND		0.075	mg/kg dry	10/22/2023	SC
Surrogate: Dibromofluoromethane	*126%*		*22.9-220*		*10/22/2023*	*SC*
Surrogate: 1,2-Dichloroethane-d4	*130%*		*32.2-196*		*10/22/2023*	*SC*
Surrogate: Toluene-d8	*89.4%*		*47.3-146*		*10/22/2023*	*SC*
Surrogate: 4-Bromofluorobenzene	*74.4%*		*38.4-136*		*10/22/2023*	*SC*
Gasoline by Method NWTPH-Gx						
Gasoline	ND		5.0	mg/kg dry	10/22/2023	SC
Surrogate: Toluene-d8	*89.4%*		*47.3-146*		*10/22/2023*	*SC*
Moisture by ASTM D2216-19						
Moisture	9.3		0.50	%	10/20/2023	BW

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AEG an Atlas Geosciences NW Company	**Project:** Manor Market	**City/State:** Lynwood, WA
2633 Parkmont Lane SW, Suite A	**Project Number:** 11-124	**Work Order:** L23J097
Olympia, WA 98502	**Project Manager:** Scott Rose	**Reported:** 10/26/2023 16:24

Sample Results (Continued)

Client Sample ID: B8-05.0

Lab ID: L23J097-27 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Methyl tert-Butyl Ether (MTBE)	ND		0.028	mg/kg dry	10/22/2023	SC
Benzene	ND		0.011	mg/kg dry	10/22/2023	SC
Toluene	ND		0.055	mg/kg dry	10/22/2023	SC
Ethylbenzene	ND		0.028	mg/kg dry	10/22/2023	SC
Total Xylenes	ND		0.083	mg/kg dry	10/22/2023	SC
Surrogate: Dibromofluoromethane	*124%*		*22.9-220*		*10/22/2023*	*SC*
Surrogate: 1,2-Dichloroethane-d4	*123%*		*32.2-196*		*10/22/2023*	*SC*
Surrogate: Toluene-d8	*88.1%*		*47.3-146*		*10/22/2023*	*SC*
Surrogate: 4-Bromofluorobenzene	*76.0%*		*38.4-136*		*10/22/2023*	*SC*
Gasoline by Method NWTPH-Gx						
Gasoline	ND		5.5	mg/kg dry	10/22/2023	SC
Surrogate: Toluene-d8	*88.1%*		*47.3-146*		*10/22/2023*	*SC*
Moisture by ASTM D2216-19						
Moisture	9.9		0.50	%	10/20/2023	BW

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AEG an Atlas Geosciences NW Company	**Project:** Manor Market	**City/State:** Lynwood, WA
2633 Parkmont Lane SW, Suite A	**Project Number:** 11-124	**Work Order:** L23J097
Olympia, WA 98502	**Project Manager:** Scott Rose	**Reported:** 10/26/2023 16:24

Sample Results (Continued)

Client Sample ID: B8-10.0

Lab ID: L23J097-28 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Methyl tert-Butyl Ether (MTBE)	ND		0.029	mg/kg dry	10/22/2023	SC
Benzene	ND		0.012	mg/kg dry	10/22/2023	SC
Toluene	ND		0.058	mg/kg dry	10/22/2023	SC
Ethylbenzene	ND		0.029	mg/kg dry	10/22/2023	SC
Total Xylenes	ND		0.087	mg/kg dry	10/22/2023	SC
Surrogate: Dibromofluoromethane	*126%*		*22.9-220*		*10/22/2023*	*SC*
Surrogate: 1,2-Dichloroethane-d4	*141%*		*32.2-196*		*10/22/2023*	*SC*
Surrogate: Toluene-d8	*89.0%*		*47.3-146*		*10/22/2023*	*SC*
Surrogate: 4-Bromofluorobenzene	*76.2%*		*38.4-136*		*10/22/2023*	*SC*
Gasoline by Method NWTPH-Gx						
Gasoline	ND		5.8	mg/kg dry	10/22/2023	SC
Surrogate: Toluene-d8	*89.0%*		*47.3-146*		*10/22/2023*	*SC*
Moisture by ASTM D2216-19						
Moisture	11		0.50	%	10/20/2023	BW

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AEG an Atlas Geosciences NW Company
2633 Parkmont Lane SW, Suite A
Olympia, WA 98502

Project: Manor Market
Project Number: 11-124
Project Manager: Scott Rose

City/State: Lynwood, WA
Work Order: L23J097
Reported: 10/26/2023 16:24

Sample Results (Continued)

Client Sample ID: B8-15.0

Lab ID: L23J097-29 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Methyl tert-Butyl Ether (MTBE)	ND		0.023	mg/kg dry	10/22/2023	SC
Benzene	ND		0.0091	mg/kg dry	10/22/2023	SC
Toluene	ND		0.045	mg/kg dry	10/22/2023	SC
Ethylbenzene	ND		0.023	mg/kg dry	10/22/2023	SC
Total Xylenes	ND		0.068	mg/kg dry	10/22/2023	SC
Surrogate: Dibromofluoromethane	*125%*		*22.9-220*		*10/22/2023*	*SC*
Surrogate: 1,2-Dichloroethane-d4	*125%*		*32.2-196*		*10/22/2023*	*SC*
Surrogate: Toluene-d8	*93.0%*		*47.3-146*		*10/22/2023*	*SC*
Surrogate: 4-Bromofluorobenzene	*70.3%*		*38.4-136*		*10/22/2023*	*SC*
Gasoline by Method NWTPH-Gx						
Gasoline	ND		4.5	mg/kg dry	10/22/2023	SC
Surrogate: Toluene-d8	*93.0%*		*47.3-146*		*10/22/2023*	*SC*
Moisture by ASTM D2216-19						
Moisture	11		0.50	%	10/20/2023	BW

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AEG an Atlas Geosciences NW Company
2633 Parkmont Lane SW, Suite A
Olympia, WA 98502

Project: Manor Market
Project Number: 11-124
Project Manager: Scott Rose

City/State: Lynwood, WA
Work Order: L23J097
Reported: 10/26/2023 16:24

Sample Results (Continued)

Client Sample ID: B8-20.0

Lab ID: L23J097-30 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Methyl tert-Butyl Ether (MTBE)	ND		0.028	mg/kg dry	10/22/2023	SC
Benzene	ND		0.011	mg/kg dry	10/22/2023	SC
Toluene	ND		0.056	mg/kg dry	10/22/2023	SC
Ethylbenzene	ND		0.028	mg/kg dry	10/22/2023	SC
Total Xylenes	ND		0.085	mg/kg dry	10/22/2023	SC
Surrogate: Dibromofluoromethane	*127%*		*22.9-220*		*10/22/2023*	*SC*
Surrogate: 1,2-Dichloroethane-d4	*138%*		*32.2-196*		*10/22/2023*	*SC*
Surrogate: Toluene-d8	*87.3%*		*47.3-146*		*10/22/2023*	*SC*
Surrogate: 4-Bromofluorobenzene	*67.8%*		*38.4-136*		*10/22/2023*	*SC*
Gasoline by Method NWTPH-Gx						
Gasoline	ND		5.6	mg/kg dry	10/22/2023	SC
Surrogate: Toluene-d8	*87.3%*		*47.3-146*		*10/22/2023*	*SC*
Moisture by ASTM D2216-19						
Moisture	10		0.50	%	10/20/2023	BW

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AEG an Atlas Geosciences NW Company	**Project:** Manor Market	**City/State:** Lynwood, WA
2633 Parkmont Lane SW, Suite A	**Project Number:** 11-124	**Work Order:** L23J097
Olympia, WA 98502	**Project Manager:** Scott Rose	**Reported:** 10/26/2023 16:24

Sample Results (Continued)

Client Sample ID: B8-25.0

Lab ID: L23J097-31 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Methyl tert-Butyl Ether (MTBE)	ND		0.028	mg/kg dry	10/22/2023	SC
Benzene	ND		0.011	mg/kg dry	10/22/2023	SC
Toluene	ND		0.057	mg/kg dry	10/22/2023	SC
Ethylbenzene	ND		0.028	mg/kg dry	10/22/2023	SC
Total Xylenes	ND		0.085	mg/kg dry	10/22/2023	SC
Surrogate: Dibromofluoromethane	*118%*		*22.9-220*		*10/22/2023*	*SC*
Surrogate: 1,2-Dichloroethane-d4	*109%*		*32.2-196*		*10/22/2023*	*SC*
Surrogate: Toluene-d8	*86.5%*		*47.3-146*		*10/22/2023*	*SC*
Surrogate: 4-Bromofluorobenzene	*71.9%*		*38.4-136*		*10/22/2023*	*SC*
Gasoline by Method NWTPH-Gx						
Gasoline	ND		5.7	mg/kg dry	10/22/2023	SC
Surrogate: Toluene-d8	*86.5%*		*47.3-146*		*10/22/2023*	*SC*
Moisture by ASTM D2216-19						
Moisture	11		0.50	%	10/20/2023	BW

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AEG an Atlas Geosciences NW Company
2633 Parkmont Lane SW, Suite A
Olympia, WA 98502

Project: Manor Market
Project Number: 11-124
Project Manager: Scott Rose

City/State: Lynwood, WA
Work Order: L23J097
Reported: 10/26/2023 16:24

Sample Results (Continued)

Client Sample ID: B8-30.0

Lab ID: L23J097-32 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Methyl tert-Butyl Ether (MTBE)	ND		0.029	mg/kg dry	10/22/2023	SC
Benzene	ND		0.012	mg/kg dry	10/22/2023	SC
Toluene	ND		0.059	mg/kg dry	10/22/2023	SC
Ethylbenzene	ND		0.029	mg/kg dry	10/22/2023	SC
Total Xylenes	ND		0.088	mg/kg dry	10/22/2023	SC
Surrogate: Dibromofluoromethane	*128%*		*22.9-220*		*10/22/2023*	*SC*
Surrogate: 1,2-Dichloroethane-d4	*127%*		*32.2-196*		*10/22/2023*	*SC*
Surrogate: Toluene-d8	*90.2%*		*47.3-146*		*10/22/2023*	*SC*
Surrogate: 4-Bromofluorobenzene	*71.7%*		*38.4-136*		*10/22/2023*	*SC*
Gasoline by Method NWTPH-Gx						
Gasoline	ND		5.9	mg/kg dry	10/22/2023	SC
Surrogate: Toluene-d8	*90.2%*		*47.3-146*		*10/22/2023*	*SC*
Moisture by ASTM D2216-19						
Moisture	9.6		0.50	%	10/20/2023	BW

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AEG an Atlas Geosciences NW Company	**Project:** Manor Market	**City/State:** Lynwood, WA
2633 Parkmont Lane SW, Suite A	**Project Number:** 11-124	**Work Order:** L23J097
Olympia, WA 98502	**Project Manager:** Scott Rose	**Reported:** 10/26/2023 16:24

Sample Results (Continued)

Client Sample ID: B8-35.0

Lab ID: L23J097-33 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Methyl tert-Butyl Ether (MTBE)	ND		0.023	mg/kg dry	10/22/2023	SC
Benzene	ND		0.0093	mg/kg dry	10/22/2023	SC
Toluene	ND		0.047	mg/kg dry	10/22/2023	SC
Ethylbenzene	ND		0.023	mg/kg dry	10/22/2023	SC
Total Xylenes	ND		0.070	mg/kg dry	10/22/2023	SC
Surrogate: Dibromofluoromethane	*123%*		*22.9-220*		*10/22/2023*	*SC*
Surrogate: 1,2-Dichloroethane-d4	*129%*		*32.2-196*		*10/22/2023*	*SC*
Surrogate: Toluene-d8	*85.8%*		*47.3-146*		*10/22/2023*	*SC*
Surrogate: 4-Bromofluorobenzene	*74.2%*		*38.4-136*		*10/22/2023*	*SC*
Gasoline by Method NWTPH-Gx						
Gasoline	ND		4.7	mg/kg dry	10/22/2023	SC
Surrogate: Toluene-d8	*85.8%*		*47.3-146*		*10/22/2023*	*SC*
Moisture by ASTM D2216-19						
Moisture	9.3		0.50	%	10/20/2023	BW

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AEG an Atlas Geosciences NW Company	**Project:** Manor Market	**City/State:** Lynwood, WA
2633 Parkmont Lane SW, Suite A	**Project Number:** 11-124	**Work Order:** L23J097
Olympia, WA 98502	**Project Manager:** Scott Rose	**Reported:** 10/26/2023 16:24

Sample Results (Continued)

Client Sample ID: B8-40.0

Lab ID: L23J097-34 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Methyl tert-Butyl Ether (MTBE)	ND		0.017	mg/kg dry	10/22/2023	SC
Benzene	ND		0.0070	mg/kg dry	10/22/2023	SC
Toluene	ND		0.035	mg/kg dry	10/22/2023	SC
Ethylbenzene	ND		0.017	mg/kg dry	10/22/2023	SC
Total Xylenes	ND		0.052	mg/kg dry	10/22/2023	SC
Surrogate: Dibromofluoromethane	*127%*		*22.9-220*		*10/22/2023*	*SC*
Surrogate: 1,2-Dichloroethane-d4	*129%*		*32.2-196*		*10/22/2023*	*SC*
Surrogate: Toluene-d8	*89.6%*		*47.3-146*		*10/22/2023*	*SC*
Surrogate: 4-Bromofluorobenzene	*70.8%*		*38.4-136*		*10/22/2023*	*SC*
Gasoline by Method NWTPH-Gx						
Gasoline	ND		3.5	mg/kg dry	10/22/2023	SC
Surrogate: Toluene-d8	*89.6%*		*47.3-146*		*10/22/2023*	*SC*
Moisture by ASTM D2216-19						
Moisture	7.1		0.50	%	10/20/2023	BW

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AEG an Atlas Geosciences NW Company
2633 Parkmont Lane SW, Suite A
Olympia, WA 98502

Project: Manor Market
Project Number: 11-124
Project Manager: Scott Rose

City/State: Lynwood, WA
Work Order: L23J097
Reported: 10/26/2023 16:24

Sample Results (Continued)

Client Sample ID: B8-46.0

Lab ID: L23J097-35 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Methyl tert-Butyl Ether (MTBE)	ND		0.021	mg/kg dry	10/22/2023	SC
Benzene	ND		0.0082	mg/kg dry	10/22/2023	SC
Toluene	ND		0.041	mg/kg dry	10/22/2023	SC
Ethylbenzene	ND		0.021	mg/kg dry	10/22/2023	SC
Total Xylenes	ND		0.062	mg/kg dry	10/22/2023	SC
Surrogate: Dibromofluoromethane	*132%*		*22.9-220*		*10/22/2023*	*SC*
Surrogate: 1,2-Dichloroethane-d4	*131%*		*32.2-196*		*10/22/2023*	*SC*
Surrogate: Toluene-d8	*92.2%*		*47.3-146*		*10/22/2023*	*SC*
Surrogate: 4-Bromofluorobenzene	*72.8%*		*38.4-136*		*10/22/2023*	*SC*
Gasoline by Method NWTPH-Gx						
Gasoline	ND		4.1	mg/kg dry	10/22/2023	SC
Surrogate: Toluene-d8	*92.2%*		*47.3-146*		*10/22/2023*	*SC*
Moisture by ASTM D2216-19						
Moisture	9.3		0.50	%	10/20/2023	BW

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AEG an Atlas Geosciences NW Company
2633 Parkmont Lane SW, Suite A
Olympia, WA 98502

Project: Manor Market
Project Number: 11-124
Project Manager: Scott Rose

City/State: Lynwood, WA
Work Order: L23J097
Reported: 10/26/2023 16:24

Quality Control

Volatile Organic Compounds by EPA Method 8260D

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BXJ0152 - VOA										
Blank (BXJ0152-BLK1)					Prepared & Analyzed: 10/21/2023					
Methyl tert-Butyl Ether (MTBE)	ND		0.050	mg/kg wet						
Benzene	ND		0.020	mg/kg wet						
Toluene	ND		0.10	mg/kg wet						
Ethylbenzene	ND		0.050	mg/kg wet						
Total Xylenes	ND		0.15	mg/kg wet						
1-Methylnaphthalene	ND		0.40	mg/kg wet						
Surrogate: Dibromofluoromethane			*25.6*	*ug/L*	*20.0*		*128*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*25.1*	*ug/L*	*20.0*		*126*	*32.2-196*		
Surrogate: Toluene-d8			*18.0*	*ug/L*	*20.0*		*90.2*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*14.0*	*ug/L*	*20.0*		*70.0*	*38.4-136*		
LCS (BXJ0152-BS1)					Prepared & Analyzed: 10/21/2023					
Methyl tert-Butyl Ether (MTBE)	0.423		0.050	mg/kg wet	0.250		169	17.2-189		
Benzene	0.208		0.020	mg/kg wet	0.250		83.3	56.1-138		
Toluene	0.215		0.10	mg/kg wet	0.250		86.2	54-132		
Ethylbenzene	0.201		0.050	mg/kg wet	0.250		80.6	53.8-127		
Total Xylenes	0.614		0.15	mg/kg wet	0.750		81.9	37.5-127		
Surrogate: Dibromofluoromethane			*25.8*	*ug/L*	*20.0*		*129*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*27.7*	*ug/L*	*20.0*		*138*	*32.2-196*		
Surrogate: Toluene-d8			*19.8*	*ug/L*	*20.0*		*99.0*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*23.0*	*ug/L*	*20.0*		*115*	*38.4-136*		
Duplicate (BXJ0152-DUP1)		**Parent: L23J097-10**			Prepared & Analyzed: 10/21/2023					
Methyl tert-Butyl Ether (MTBE)	ND		0.034	mg/kg dry		ND				35
Benzene	ND		0.014	mg/kg dry		ND				35
Toluene	ND		0.068	mg/kg dry		ND				35
Ethylbenzene	ND		0.034	mg/kg dry		ND				35
Total Xylenes	ND		0.10	mg/kg dry		ND				35
Surrogate: Dibromofluoromethane			*24.1*	*ug/L*	*20.0*		*121*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*23.2*	*ug/L*	*20.0*		*116*	*32.2-196*		
Surrogate: Toluene-d8			*18.8*	*ug/L*	*20.0*		*93.9*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*15.7*	*ug/L*	*20.0*		*78.4*	*38.4-136*		

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AEG an Atlas Geosciences NW Company
2633 Parkmont Lane SW, Suite A
Olympia, WA 98502

Project: Manor Market
Project Number: 11-124
Project Manager: Scott Rose

City/State: Lynwood, WA
Work Order: L23J097
Reported: 10/26/2023 16:24

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Duplicate (BXJ0152-DUP2)		**Parent: L23J097-20**			Prepared & Analyzed: 10/21/2023					
Methyl tert-Butyl Ether (MTBE)	ND		0.022	mg/kg dry		ND				35
Benzene	ND		0.0090	mg/kg dry		ND				35
Toluene	ND		0.045	mg/kg dry		ND				35
Ethylbenzene	ND		0.022	mg/kg dry		ND				35
Total Xylenes	ND		0.067	mg/kg dry		ND				35
Surrogate: Dibromofluoromethane			*25.1*	*ug/L*	*20.0*		*126*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*25.4*	*ug/L*	*20.0*		*127*	*32.2-196*		
Surrogate: Toluene-d8			*18.0*	*ug/L*	*20.0*		*89.8*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*15.4*	*ug/L*	*20.0*		*76.9*	*38.4-136*		
Matrix Spike (BXJ0152-MS1)		**Parent: L23J097-10**			Prepared & Analyzed: 10/21/2023					
Methyl tert-Butyl Ether (MTBE)	0.294		0.034	mg/kg dry	0.213	ND	138	10-236		
Benzene	0.141		0.014	mg/kg dry	0.213	ND	66.2	45.8-150		
Toluene	0.142		0.068	mg/kg dry	0.213	ND	66.7	19.5-171		
Ethylbenzene	0.121		0.034	mg/kg dry	0.213	ND	56.7	11.2-170		
Total Xylenes	0.383		0.10	mg/kg dry	0.640	ND	59.8	10-163		
Surrogate: Dibromofluoromethane			*26.6*	*ug/L*	*20.0*		*133*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*29.4*	*ug/L*	*20.0*		*147*	*32.2-196*		
Surrogate: Toluene-d8			*18.7*	*ug/L*	*20.0*		*93.5*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*19.7*	*ug/L*	*20.0*		*98.4*	*38.4-136*		
Matrix Spike Dup (BXJ0152-MSD1)		**Parent: L23J097-10**			Prepared & Analyzed: 10/21/2023					
Methyl tert-Butyl Ether (MTBE)	0.208		0.034	mg/kg dry	0.213	ND	97.3	10-236	34.3	35
Benzene	0.139		0.014	mg/kg dry	0.213	ND	65.2	45.8-150	1.45	35
Toluene	0.144		0.068	mg/kg dry	0.213	ND	67.4	19.5-171	1.02	35
Ethylbenzene	0.116		0.034	mg/kg dry	0.213	ND	54.5	11.2-170	4.00	35
Total Xylenes	0.367		0.10	mg/kg dry	0.640	ND	57.3	10-163	4.30	35
Surrogate: Dibromofluoromethane			*26.4*	*ug/L*	*20.0*		*132*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*27.3*	*ug/L*	*20.0*		*137*	*32.2-196*		
Surrogate: Toluene-d8			*18.3*	*ug/L*	*20.0*		*91.3*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*19.3*	*ug/L*	*20.0*		*96.6*	*38.4-136*		
Blank (BXJ0157-BLK1)					Prepared: 10/18/2023 Analyzed: 10/22/2023					
Methyl tert-Butyl Ether (MTBE)	ND		0.050	mg/kg wet						
Benzene	ND		0.020	mg/kg wet						
Toluene	ND		0.10	mg/kg wet						
Ethylbenzene	ND		0.050	mg/kg wet						
Total Xylenes	ND		0.15	mg/kg wet						
Surrogate: Dibromofluoromethane			*24.5*	*ug/L*	*20.0*		*122*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*22.8*	*ug/L*	*20.0*		*114*	*32.2-196*		
Surrogate: Toluene-d8			*19.4*	*ug/L*	*20.0*		*97.2*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*12.9*	*ug/L*	*20.0*		*64.4*	*38.4-136*		

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AEG an Atlas Geosciences NW Company
2633 Parkmont Lane SW, Suite A
Olympia, WA 98502

Project: Manor Market
Project Number: 11-124
Project Manager: Scott Rose

City/State: Lynwood, WA
Work Order: L23J097
Reported: 10/26/2023 16:24

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
LCS (BXJ0157-BS1)					Prepared: 10/18/2023 Analyzed: 10/22/2023					
Methyl tert-Butyl Ether (MTBE)	0.298		0.050	mg/kg wet	0.250		119	17.2-189		
Benzene	0.201		0.020	mg/kg wet	0.250		80.5	56.1-138		
Toluene	0.227		0.10	mg/kg wet	0.250		90.9	54-132		
Ethylbenzene	0.197		0.050	mg/kg wet	0.250		78.7	53.8-127		
Total Xylenes	0.600		0.15	mg/kg wet	0.750		80.0	37.5-127		
Surrogate: Dibromofluoromethane			*24.5*	*ug/L*	*20.0*		*122*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*24.6*	*ug/L*	*20.0*		*123*	*32.2-196*		
Surrogate: Toluene-d8			*20.7*	*ug/L*	*20.0*		*104*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*19.5*	*ug/L*	*20.0*		*97.3*	*38.4-136*		
Duplicate (BXJ0157-DUP1)		**Parent: L23J097-30**			Prepared: 10/18/2023 Analyzed: 10/22/2023					
Methyl tert-Butyl Ether (MTBE)	ND		0.024	mg/kg dry		ND				35
Benzene	ND		0.0095	mg/kg dry		ND				35
Toluene	ND		0.048	mg/kg dry		ND				35
Ethylbenzene	ND		0.024	mg/kg dry		ND				35
Total Xylenes	ND		0.072	mg/kg dry		ND				35
Surrogate: Dibromofluoromethane			*24.5*	*ug/L*	*20.0*		*122*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*25.2*	*ug/L*	*20.0*		*126*	*32.2-196*		
Surrogate: Toluene-d8			*16.5*	*ug/L*	*20.0*		*82.4*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*14.5*	*ug/L*	*20.0*		*72.7*	*38.4-136*		
Duplicate (BXJ0157-DUP2)		**Parent: L23J097-35**			Prepared: 10/18/2023 Analyzed: 10/22/2023					
Methyl tert-Butyl Ether (MTBE)	ND		0.019	mg/kg dry		ND				35
Benzene	ND		0.0076	mg/kg dry		ND				35
Toluene	ND		0.038	mg/kg dry		ND				35
Ethylbenzene	ND		0.019	mg/kg dry		ND				35
Total Xylenes	ND		0.057	mg/kg dry		ND				35
Surrogate: Dibromofluoromethane			*24.0*	*ug/L*	*20.0*		*120*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*22.5*	*ug/L*	*20.0*		*112*	*32.2-196*		
Surrogate: Toluene-d8			*17.8*	*ug/L*	*20.0*		*89.0*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*13.9*	*ug/L*	*20.0*		*69.4*	*38.4-136*		
Matrix Spike (BXJ0157-MS1)		**Parent: L23J097-30**			Prepared: 10/18/2023 Analyzed: 10/22/2023					
Methyl tert-Butyl Ether (MTBE)	0.140		0.028	mg/kg dry	0.141	ND	99.5	10-236		
Benzene	0.113		0.011	mg/kg dry	0.141	ND	80.0	45.8-150		
Toluene	0.118		0.056	mg/kg dry	0.141	ND	84.1	19.5-171		
Ethylbenzene	0.110		0.028	mg/kg dry	0.141	ND	78.3	11.2-170		
Total Xylenes	0.341		0.085	mg/kg dry	0.422	ND	80.8	10-163		
Surrogate: Dibromofluoromethane			*24.0*	*ug/L*	*20.0*		*120*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*23.0*	*ug/L*	*20.0*		*115*	*32.2-196*		
Surrogate: Toluene-d8			*17.8*	*ug/L*	*20.0*		*89.2*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*19.3*	*ug/L*	*20.0*		*96.6*	*38.4-136*		

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AEG an Atlas Geosciences NW Company
2633 Parkmont Lane SW, Suite A
Olympia, WA 98502

Project: Manor Market
Project Number: 11-124
Project Manager: Scott Rose

City/State: Lynwood, WA
Work Order: L23J097
Reported: 10/26/2023 16:24

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike Dup (BXJ0157-MSD1)		**Parent: L23J097-30**			Prepared: 10/18/2023 Analyzed: 10/22/2023					
Methyl tert-Butyl Ether (MTBE)	0.176		0.028	mg/kg dry	0.141	ND	125	10-236	22.5	35
Benzene	0.114		0.011	mg/kg dry	0.141	ND	81.0	45.8-150	1.19	35
Toluene	0.124		0.056	mg/kg dry	0.141	ND	88.4	19.5-171	4.99	35
Ethylbenzene	0.111		0.028	mg/kg dry	0.141	ND	79.0	11.2-170	0.942	35
Total Xylenes	0.354		0.085	mg/kg dry	0.422	ND	83.9	10-163	3.77	35
Surrogate: Dibromofluoromethane			*25.6*	*ug/L*	*20.0*		*128*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*25.9*	*ug/L*	*20.0*		*129*	*32.2-196*		
Surrogate: Toluene-d8			*18.5*	*ug/L*	*20.0*		*92.4*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*19.3*	*ug/L*	*20.0*		*96.6*	*38.4-136*		
Blank (BXJ0160-BLK1)					Prepared & Analyzed: 10/23/2023					
Methyl tert-Butyl Ether (MTBE)	ND		0.050	mg/kg wet						
Benzene	ND		0.020	mg/kg wet						
Toluene	ND		0.10	mg/kg wet						
Ethylbenzene	ND		0.050	mg/kg wet						
Total Xylenes	ND		0.15	mg/kg wet						
Surrogate: Dibromofluoromethane			*25.1*	*ug/L*	*20.0*		*125*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*24.3*	*ug/L*	*20.0*		*122*	*32.2-196*		
Surrogate: Toluene-d8			*18.1*	*ug/L*	*20.0*		*90.7*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*13.6*	*ug/L*	*20.0*		*67.8*	*38.4-136*		
LCS (BXJ0160-BS1)					Prepared & Analyzed: 10/23/2023					
Methyl tert-Butyl Ether (MTBE)	0.397		0.050	mg/kg wet	0.250		159	17.2-189		
Benzene	0.179		0.020	mg/kg wet	0.250		71.7	56.1-138		
Toluene	0.202		0.10	mg/kg wet	0.250		80.7	54-132		
Ethylbenzene	0.185		0.050	mg/kg wet	0.250		74.2	53.8-127		
Total Xylenes	0.556		0.15	mg/kg wet	0.750		74.2	37.5-127		
Surrogate: Dibromofluoromethane			*26.1*	*ug/L*	*20.0*		*130*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*27.6*	*ug/L*	*20.0*		*138*	*32.2-196*		
Surrogate: Toluene-d8			*19.8*	*ug/L*	*20.0*		*99.2*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*20.6*	*ug/L*	*20.0*		*103*	*38.4-136*		
Duplicate (BXJ0160-DUP1)		**Parent: L23J097-17RE1**			Prepared & Analyzed: 10/23/2023					
Methyl tert-Butyl Ether (MTBE)	ND		0.030	mg/kg dry		ND				35
Benzene	ND		0.012	mg/kg dry		ND				35
Toluene	ND		0.060	mg/kg dry		ND				35
Ethylbenzene	ND		0.030	mg/kg dry		ND				35
Total Xylenes	ND		0.090	mg/kg dry		ND				35
Surrogate: Dibromofluoromethane			*24.0*	*ug/L*	*20.0*		*120*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*22.5*	*ug/L*	*20.0*		*113*	*32.2-196*		
Surrogate: Toluene-d8			*17.1*	*ug/L*	*20.0*		*85.5*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*14.2*	*ug/L*	*20.0*		*71.2*	*38.4-136*		

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AEG an Atlas Geosciences NW Company
2633 Parkmont Lane SW, Suite A
Olympia, WA 98502

Project: Manor Market
Project Number: 11-124
Project Manager: Scott Rose

City/State: Lynwood, WA
Work Order: L23J097
Reported: 10/26/2023 16:24

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike (BXJ0160-MS1)		**Parent: L23J097-17RE1**			Prepared & Analyzed: 10/23/2023					
Methyl tert-Butyl Ether (MTBE)	0.156		0.027	mg/kg dry	0.133	ND	118	10-236		
Benzene	0.101		0.011	mg/kg dry	0.133	ND	76.4	45.8-150		
Toluene	0.113		0.053	mg/kg dry	0.133	ND	85.4	19.5-171		
Ethylbenzene	0.101		0.027	mg/kg dry	0.133	ND	76.2	11.2-170		
Total Xylenes	0.329		0.080	mg/kg dry	0.398	ND	82.8	10-163		
Surrogate: Dibromofluoromethane			*24.5*	*ug/L*	*20.0*		*123*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*25.2*	*ug/L*	*20.0*		*126*	*32.2-196*		
Surrogate: Toluene-d8			*18.2*	*ug/L*	*20.0*		*91.0*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*19.7*	*ug/L*	*20.0*		*98.6*	*38.4-136*		
Matrix Spike Dup (BXJ0160-MSD1)		**Parent: L23J097-17RE1**			Prepared & Analyzed: 10/23/2023					
Methyl tert-Butyl Ether (MTBE)	0.144		0.027	mg/kg dry	0.133	ND	109	10-236	7.97	35
Benzene	0.105		0.011	mg/kg dry	0.133	ND	79.1	45.8-150	3.53	35
Toluene	0.108		0.053	mg/kg dry	0.133	ND	81.4	19.5-171	4.75	35
Ethylbenzene	0.110		0.027	mg/kg dry	0.133	ND	82.8	11.2-170	8.28	35
Total Xylenes	0.352		0.080	mg/kg dry	0.398	ND	88.5	10-163	6.63	35
Surrogate: Dibromofluoromethane			*22.5*	*ug/L*	*20.0*		*112*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*21.2*	*ug/L*	*20.0*		*106*	*32.2-196*		
Surrogate: Toluene-d8			*18.3*	*ug/L*	*20.0*		*91.5*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*18.2*	*ug/L*	*20.0*		*90.9*	*38.4-136*		

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AEG an Atlas Geosciences NW Company
2633 Parkmont Lane SW, Suite A
Olympia, WA 98502

Project: Manor Market
Project Number: 11-124
Project Manager: Scott Rose

City/State: Lynwood, WA
Work Order: L23J097
Reported: 10/26/2023 16:24

Quality Control
(Continued)

Gasoline by Method NWTPH-Gx

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BXJ0152 - VOA										
Blank (BXJ0152-BLK1)					Prepared & Analyzed: 10/21/2023					
Gasoline	ND		10	mg/kg wet						
Surrogate: Toluene-d8			*18.0*	*ug/L*	*20.0*		*90.2*	*47.3-146*		
Duplicate (BXJ0152-DUP1)		**Parent: L23J097-10**			Prepared & Analyzed: 10/21/2023					
Gasoline	ND		6.8	mg/kg dry		ND				35
Surrogate: Toluene-d8			*18.8*	*ug/L*	*20.0*		*93.9*	*47.3-146*		
Duplicate (BXJ0152-DUP2)		**Parent: L23J097-20**			Prepared & Analyzed: 10/21/2023					
Gasoline	ND		4.5	mg/kg dry		ND				35
Surrogate: Toluene-d8			*18.0*	*ug/L*	*20.0*		*89.8*	*47.3-146*		
Blank (BXJ0157-BLK1)					Prepared: 10/18/2023 Analyzed: 10/22/2023					
Gasoline	ND		10	mg/kg wet						
Surrogate: Toluene-d8			*19.4*	*ug/L*	*20.0*		*97.2*	*47.3-146*		
Duplicate (BXJ0157-DUP1)		**Parent: L23J097-30**			Prepared: 10/18/2023 Analyzed: 10/22/2023					
Gasoline	ND		4.8	mg/kg dry		ND				35
Surrogate: Toluene-d8			*16.5*	*ug/L*	*20.0*		*82.4*	*47.3-146*		
Duplicate (BXJ0157-DUP2)		**Parent: L23J097-35**			Prepared: 10/18/2023 Analyzed: 10/22/2023					
Gasoline	ND		3.8	mg/kg dry		ND				35
Surrogate: Toluene-d8			*17.8*	*ug/L*	*20.0*		*89.0*	*47.3-146*		
Blank (BXJ0160-BLK1)					Prepared & Analyzed: 10/23/2023					
Gasoline	ND		10	mg/kg wet						
Surrogate: Toluene-d8			*18.1*	*ug/L*	*20.0*		*90.7*	*47.3-146*		
Duplicate (BXJ0160-DUP1)		**Parent: L23J097-17RE1**			Prepared & Analyzed: 10/23/2023					
Gasoline	ND		6.0	mg/kg dry		ND				35
Surrogate: Toluene-d8			*17.1*	*ug/L*	*20.0*		*85.5*	*47.3-146*		

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AEG an Atlas Geosciences NW Company	**Project:** Manor Market	**City/State:** Lynwood, WA
2633 Parkmont Lane SW, Suite A	**Project Number:** 11-124	**Work Order:** L23J097
Olympia, WA 98502	**Project Manager:** Scott Rose	**Reported:** 10/26/2023 16:24

Quality Control
(Continued)

Moisture by ASTM D2216-19

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BXJ0145 - Gen Chem										
LCS (BXJ0145-BS1)					Prepared & Analyzed: 10/20/2023					
Moisture	17			%	17.0		101	90-115		
LCS (BXJ0146-BS1)					Prepared & Analyzed: 10/20/2023					
Moisture	18			%	17.0		103	90-115		

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Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@gmail.com

Manor Market Project
AEG an Atlas Geosciences NW Company
Libby Work Order # L23J097
Date Received 10/19/2023
Time Received 1:15 PM

Received By JC

Sample Receipt Checklist

Chain of Custody

1. Is the Chain of Custody is complete?	☑ Yes	☐ No	
2. How was the sample delivered?	☑ Hand Delivered	☐ Picked Up	☐ Shipped

Log In

3. Cooler or Shipping Container is present.	☑ Yes	☐ No	☐ N/A
4. Cooler or Shipping Container is in good condition.	☑ Yes	☐ No	☐ N/A
5. Cooler or Shipping Container has Custody Seals present.	☐ Yes	☑ No	☐ N/A
6. Was an attempt made to cool the samples?	☑ Yes	☐ No	☐ N/A
7. Temperature of cooler (0°C to 8°C recommended)	-0.2 °C		
8. Temperature of sample(s) (0°C to 8°C recommended)	4.1 °C		
9. Did all containers arrive in good condition (unbroken)?	☑ Yes	☐ No	
10. Is it clear what analyses were requested?	☑ Yes	☐ No	
11. Did container labels match Chain of Custody?	☑ Yes	☐ No	
12. Are matrices correctly identified on Chain of Custody?	☑ Yes	☐ No	
13. Are correct containers used for the analysis indicated?	☑ Yes	☐ No	
14. Is there sufficient sample volume for indicated analysis?	☑ Yes	☐ No	
15. Were all containers properly preserved per each analysis?	☑ Yes	☐ No	
16. Were VOA vials collected correctly (no headspace)?	☐ Yes	☐ No	☑ N/A
17. Were all holding times able to be met?	☑ Yes	☐ No	

Discrepancies/ Notes

18. Was client notified of all discrepancies?	☐ Yes	☐ No	☑ N/A

Person Notified: _____ Date: _____

By Whom: _____ Via: _____

Regarding: _____

19. Comments. _____

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Vineta Mills, M.S.
Eric Young, B.S.

5500 4th Avenue South
Seattle, WA 98108
(206) 285-8282
fbi@isomedia.com
www.friedmanandbruya.com

November 2, 2023

Nathan Dickey, Project Manager
AEG Atlas LLC
2633 Parkmont Lane SW, Suite A
Olympia, WA 98502

Dear Mr Dickey:

Included are the results from the testing of material submitted on October 19, 2023 from the Manor Market 11-124, F&BI 310361 project. There are 19 pages included in this report.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: AEG A/P
AEG1102R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on October 19, 2023 by Friedman & Bruya, Inc. from the AEG Atlas LLC Manor Market 11-124, F&BI 310361 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	AEG Atlas LLC
310361 -01	Ambient-231018
310361 -02	Indoor 01-231018
310361 -03	Indoor 02-231018
310361 -04	SS1-231018
310361 -05	SS2-231018

Non-petroleum compounds identified in the air phase hydrocarbon (APH) ranges were subtracted per the MA-APH method.

The TO-15 ethanol calibration standard did not meet the acceptance criteria. The data were flagged accordingly.

The ethanol concentration in samples Indoor 01-231018 and Indoor 02-231018 exceeded the calibration range of the instrument. The data were flagged accordingly.

All other quality control requirements were acceptable.

Analysis For Volatile Compounds By Method MA-APH

Client Sample ID:	Ambient-231018	Client:	AEG Atlas LLC
Date Received:	10/19/23	Project:	Manor Market 11-124
Date Collected:	10/18/23	Lab ID:	310361-01
Date Analyzed:	10/24/23	Data File:	102319.D
Matrix:	Air	Instrument:	GCMS8
Units:	ug/m3	Operator:	bat

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	96	70	130

Compounds:	Concentration ug/m3
APH EC5-8 aliphatics	110
APH EC9-12 aliphatics	<25
APH EC9-10 aromatics	<25

Analysis For Volatile Compounds By Method MA-APH

Client Sample ID:	Indoor 01-231018	Client:	AEG Atlas LLC
Date Received:	10/19/23	Project:	Manor Market 11-124
Date Collected:	10/18/23	Lab ID:	310361-02
Date Analyzed:	10/24/23	Data File:	102320.D
Matrix:	Air	Instrument:	GCMS8
Units:	ug/m3	Operator:	bat

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	99	70	130

Compounds:	Concentration ug/m3
APH EC5-8 aliphatics	170
APH EC9-12 aliphatics	28
APH EC9-10 aromatics	<25

Analysis For Volatile Compounds By Method MA-APH

Client Sample ID:	Indoor 02-231018	Client:	AEG Atlas LLC
Date Received:	10/19/23	Project:	Manor Market 11-124
Date Collected:	10/18/23	Lab ID:	310361-03
Date Analyzed:	10/24/23	Data File:	102321.D
Matrix:	Air	Instrument:	GCMS8
Units:	ug/m3	Operator:	bat

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	99	70	130

Compounds:	Concentration ug/m3
APH EC5-8 aliphatics	110
APH EC9-12 aliphatics	34
APH EC9-10 aromatics	<25

Analysis For Volatile Compounds By Method MA-APH

Client Sample ID:	SS1-231018	Client:	AEG Atlas LLC
Date Received:	10/19/23	Project:	Manor Market 11-124
Date Collected:	10/18/23	Lab ID:	310361-04 1/17
Date Analyzed:	10/24/23	Data File:	102323.D
Matrix:	Air	Instrument:	GCMS8
Units:	ug/m3	Operator:	bat

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	102	70	130

Compounds:	Concentration ug/m3
APH EC5-8 aliphatics	<1,300
APH EC9-12 aliphatics	670
APH EC9-10 aromatics	<420

Analysis For Volatile Compounds By Method MA-APH

Client Sample ID:	SS2-231018	Client:	AEG Atlas LLC
Date Received:	10/19/23	Project:	Manor Market 11-124
Date Collected:	10/18/23	Lab ID:	310361-05 1/5.1
Date Analyzed:	10/24/23	Data File:	102322.D
Matrix:	Air	Instrument:	GCMS8
Units:	ug/m3	Operator:	bat

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	99	70	130

Compounds:	Concentration ug/m3
APH EC5-8 aliphatics	960
APH EC9-12 aliphatics	650
APH EC9-10 aromatics	<130

Analysis For Volatile Compounds By Method MA-APH

Client Sample ID:	Method Blank	Client:	AEG Atlas LLC
Date Received:	Not Applicable	Project:	Manor Market 11-124
Date Collected:	Not Applicable	Lab ID:	03-2435 mb
Date Analyzed:	10/24/23	Data File:	102312.D
Matrix:	Air	Instrument:	GCMS8
Units:	ug/m3	Operator:	bat

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	95	70	130

Compounds:	Concentration ug/m3
APH EC5-8 aliphatics	<75
APH EC9-12 aliphatics	<25
APH EC9-10 aromatics	<25

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	Ambient-231018	Client:	AEG Atlas LLC
Date Received:	10/19/23	Project:	Manor Market 11-124
Date Collected:	10/18/23	Lab ID:	310361-01
Date Analyzed:	10/24/23	Data File:	102319.D
Matrix:	Air	Instrument:	GCMS8
Units:	ug/m3	Operator:	bat

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	93	70	130

Compounds:	Concentration ug/m3	Concentration ppbv	Compounds:	Concentration ug/m3	Concentration ppbv
Propene	<1.2	<0.7	1,2-Dichloropropane	<0.23	<0.05
Dichlorodifluoromethane	1.8	0.36	1,4-Dioxane	<0.36	<0.1
Chloromethane	<3.7	<1.8	2,2,4-Trimethylpentane	<4.7	<1
F-114	<2.1	<0.3	Methyl methacrylate	<4.1	<1
Vinyl chloride	<0.26	<0.1	Heptane	<4.1	<1
1,3-Butadiene	0.084	0.038	Bromodichloromethane	<0.067	<0.01
Butane	5.1	2.1	Trichloroethene	<0.11	<0.02
Bromomethane	<3.9	<1	cis-1,3-Dichloropropene	<0.91	<0.2
Chloroethane	<2.6	<1	4-Methyl-2-pentanone	<8.2	<2
Vinyl bromide	<0.44	<0.1	trans-1,3-Dichloropropene	<0.45	<0.1
Ethanol	8.4 ca	4.5 ca	Toluene	<7.5	<2
Acrolein	0.31	0.13	1,1,2-Trichloroethane	<0.055	<0.01
Pentane	<5.9	<2	2-Hexanone	<4.1	<1
Trichlorofluoromethane	<2.2	<0.4	Tetrachloroethene	<6.8	<1
Acetone	<4.8	<2	Dibromochloromethane	<0.085	<0.01
2-Propanol	<8.6	<3.5	1,2-Dibromoethane (EDB)	<0.077	<0.01
1,1-Dichloroethene	<0.4	<0.1	Chlorobenzene	<0.46	<0.1
trans-1,2-Dichloroethene	<0.4	<0.1	Ethylbenzene	<0.43	<0.1
Methylene chloride	<35	<10	1,1,2,2-Tetrachloroethane	<0.14	<0.02
t-Butyl alcohol (TBA)	<12	<4	Nonane	<5.2	<1
3-Chloropropene	<3.1	<1	Isopropylbenzene	<9.8	<2
CFC-113	<1.5	<0.2	2-Chlorotoluene	<5.2	<1
Carbon disulfide	<6.2	<2	Propylbenzene	<4.9	<1
Methyl t-butyl ether (MTBE)	<7.2	<2	4-Ethyltoluene	<4.9	<1
Vinyl acetate	<7	<2	m,p-Xylene	1.2	0.28
1,1-Dichloroethane	<0.4	<0.1	o-Xylene	0.45	0.10
cis-1,2-Dichloroethene	<0.4	<0.1	Styrene	<0.85	<0.2
Hexane	<3.5	<1	Bromoform	<2.1	<0.2
Chloroform	0.063	0.013	Benzyl chloride	<0.052	<0.01
Ethyl acetate	<7.2	<2	1,3,5-Trimethylbenzene	<4.9	<1
Tetrahydrofuran	<0.59	<0.2	1,2,4-Trimethylbenzene	<4.9	<1
2-Butanone (MEK)	<5.9	<2	1,3-Dichlorobenzene	<0.6	<0.1
1,2-Dichloroethane (EDC)	0.045	0.011	1,4-Dichlorobenzene	<0.23	<0.038
1,1,1-Trichloroethane	<0.55	<0.1	1,2-Dichlorobenzene	<0.6	<0.1
Carbon tetrachloride	0.52	0.082	1,2,4-Trichlorobenzene	<0.74	<0.1
Benzene	0.6	0.19	Naphthalene	0.079 j	0.015 j
Cyclohexane	<6.9	<2	Hexachlorobutadiene	<0.21	<0.02

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	Indoor 01-231018	Client:	AEG Atlas LLC
Date Received:	10/19/23	Project:	Manor Market 11-124
Date Collected:	10/18/23	Lab ID:	310361-02
Date Analyzed:	10/24/23	Data File:	102320.D
Matrix:	Air	Instrument:	GCMS8
Units:	ug/m3	Operator:	bat

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	97	70	130

Compounds:	Concentration ug/m3	Concentration ppbv	Compounds:	Concentration ug/m3	Concentration ppbv
Propene	<1.2	<0.7	1,2-Dichloropropane	<0.23	<0.05
Dichlorodifluoromethane	1.9	0.39	1,4-Dioxane	<0.36	<0.1
Chloromethane	<3.7	<1.8	2,2,4-Trimethylpentane	<4.7	<1
F-114	<2.1	<0.3	Methyl methacrylate	<4.1	<1
Vinyl chloride	<0.26	<0.1	Heptane	13	3.1
1,3-Butadiene	0.14	0.062	Bromodichloromethane	<0.067	<0.01
Butane	4.8	2.0	Trichloroethene	0.18	0.033
Bromomethane	<3.9	<1	cis-1,3-Dichloropropene	<0.91	<0.2
Chloroethane	<2.6	<1	4-Methyl-2-pentanone	<8.2	<2
Vinyl bromide	<0.44	<0.1	trans-1,3-Dichloropropene	<0.45	<0.1
Ethanol	30 ve ca	16 ve ca	Toluene	54	14
Acrolein	0.87	0.38	1,1,2-Trichloroethane	<0.055	<0.01
Pentane	<5.9	<2	2-Hexanone	<4.1	<1
Trichlorofluoromethane	<2.2	<0.4	Tetrachloroethene	11	1.6
Acetone	34	14	Dibromochloromethane	<0.085	<0.01
2-Propanol	<8.6	<3.5	1,2-Dibromoethane (EDB)	<0.077	<0.01
1,1-Dichloroethene	<0.4	<0.1	Chlorobenzene	<0.46	<0.1
trans-1,2-Dichloroethene	<0.4	<0.1	Ethylbenzene	0.97	0.22
Methylene chloride	<35	<10	1,1,2,2-Tetrachloroethane	<0.14	<0.02
t-Butyl alcohol (TBA)	<12	<4	Nonane	<5.2	<1
3-Chloropropene	<3.1	<1	Isopropylbenzene	<9.8	<2
CFC-113	<1.5	<0.2	2-Chlorotoluene	<5.2	<1
Carbon disulfide	<6.2	<2	Propylbenzene	<4.9	<1
Methyl t-butyl ether (MTBE)	<7.2	<2	4-Ethyltoluene	<4.9	<1
Vinyl acetate	<7	<2	m,p-Xylene	3.9	0.91
1,1-Dichloroethane	<0.4	<0.1	o-Xylene	1.5	0.34
cis-1,2-Dichloroethene	<0.4	<0.1	Styrene	<0.85	<0.2
Hexane	6.9	1.9	Bromoform	<2.1	<0.2
Chloroform	0.088	0.018	Benzyl chloride	<0.052	<0.01
Ethyl acetate	<7.2	<2	1,3,5-Trimethylbenzene	<4.9	<1
Tetrahydrofuran	<0.59	<0.2	1,2,4-Trimethylbenzene	<4.9	<1
2-Butanone (MEK)	11	3.9	1,3-Dichlorobenzene	<0.6	<0.1
1,2-Dichloroethane (EDC)	0.053	0.013	1,4-Dichlorobenzene	<0.23	<0.038
1,1,1-Trichloroethane	<0.55	<0.1	1,2-Dichlorobenzene	<0.6	<0.1
Carbon tetrachloride	0.53	0.084	1,2,4-Trichlorobenzene	<0.74	<0.1
Benzene	0.63	0.20	Naphthalene	0.78	0.15
Cyclohexane	<6.9	<2	Hexachlorobutadiene	<0.21	<0.02

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	Indoor 02-231018	Client:	AEG Atlas LLC
Date Received:	10/19/23	Project:	Manor Market 11-124
Date Collected:	10/18/23	Lab ID:	310361-03
Date Analyzed:	10/24/23	Data File:	102321.D
Matrix:	Air	Instrument:	GCMS8
Units:	ug/m3	Operator:	bat

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	96	70	130

Compounds:	Concentration ug/m3	Concentration ppbv	Compounds:	Concentration ug/m3	Concentration ppbv
Propene	1.6	0.96	1,2-Dichloropropane	<0.23	<0.05
Dichlorodifluoromethane	1.9	0.39	1,4-Dioxane	<0.36	<0.1
Chloromethane	<3.7	<1.8	2,2,4-Trimethylpentane	<4.7	<1
F-114	<2.1	<0.3	Methyl methacrylate	<4.1	<1
Vinyl chloride	<0.26	<0.1	Heptane	<4.1	<1
1,3-Butadiene	0.11	0.048	Bromodichloromethane	<0.067	<0.01
Butane	5.2	2.2	Trichloroethene	<0.11	<0.02
Bromomethane	<3.9	<1	cis-1,3-Dichloropropene	<0.91	<0.2
Chloroethane	<2.6	<1	4-Methyl-2-pentanone	<8.2	<2
Vinyl bromide	<0.44	<0.1	trans-1,3-Dichloropropene	<0.45	<0.1
Ethanol	93 ve ca	49 ve ca	Toluene	<7.5	<2
Acrolein	0.44	0.19	1,1,2-Trichloroethane	<0.055	<0.01
Pentane	<5.9	<2	2-Hexanone	<4.1	<1
Trichlorofluoromethane	<2.2	<0.4	Tetrachloroethene	<6.8	<1
Acetone	6.6	2.8	Dibromochloromethane	<0.085	<0.01
2-Propanol	<8.6	<3.5	1,2-Dibromoethane (EDB)	<0.077	<0.01
1,1-Dichloroethene	<0.4	<0.1	Chlorobenzene	<0.46	<0.1
trans-1,2-Dichloroethene	<0.4	<0.1	Ethylbenzene	<0.43	<0.1
Methylene chloride	<35	<10	1,1,2,2-Tetrachloroethane	<0.14	<0.02
t-Butyl alcohol (TBA)	<12	<4	Nonane	<5.2	<1
3-Chloropropene	<3.1	<1	Isopropylbenzene	<9.8	<2
CFC-113	<1.5	<0.2	2-Chlorotoluene	<5.2	<1
Carbon disulfide	<6.2	<2	Propylbenzene	<4.9	<1
Methyl t-butyl ether (MTBE)	<7.2	<2	4-Ethyltoluene	<4.9	<1
Vinyl acetate	<7	<2	m,p-Xylene	1.4	0.33
1,1-Dichloroethane	<0.4	<0.1	o-Xylene	0.53	0.12
cis-1,2-Dichloroethene	<0.4	<0.1	Styrene	<0.85	<0.2
Hexane	<3.5	<1	Bromoform	<2.1	<0.2
Chloroform	0.093	0.019	Benzyl chloride	<0.052	<0.01
Ethyl acetate	<7.2	<2	1,3,5-Trimethylbenzene	<4.9	<1
Tetrahydrofuran	<0.59	<0.2	1,2,4-Trimethylbenzene	<4.9	<1
2-Butanone (MEK)	<5.9	<2	1,3-Dichlorobenzene	<0.6	<0.1
1,2-Dichloroethane (EDC)	0.085	0.021	1,4-Dichlorobenzene	<0.23	<0.038
1,1,1-Trichloroethane	<0.55	<0.1	1,2-Dichlorobenzene	<0.6	<0.1
Carbon tetrachloride	0.52	0.083	1,2,4-Trichlorobenzene	<0.74	<0.1
Benzene	0.55	0.17	Naphthalene	0.095 j	0.018 j
Cyclohexane	<6.9	<2	Hexachlorobutadiene	<0.21	<0.02

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	SS1-231018	Client:	AEG Atlas LLC
Date Received:	10/19/23	Project:	Manor Market 11-124
Date Collected:	10/18/23	Lab ID:	310361-04 1/17
Date Analyzed:	10/24/23	Data File:	102323.D
Matrix:	Air	Instrument:	GCMS8
Units:	ug/m3	Operator:	bat

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	99	70	130

Compounds:	Concentration ug/m3	Concentration ppbv	Compounds:	Concentration ug/m3	Concentration ppbv
Propene	<20	<12	1,2-Dichloropropane	<3.9	<0.85
Dichlorodifluoromethane	<17	<3.4	1,4-Dioxane	<6.1	<1.7
Chloromethane	<63	<31	2,2,4-Trimethylpentane	<79	<17
F-114	<36	<5.1	Methyl methacrylate	<70	<17
Vinyl chloride	<4.3	<1.7	Heptane	<70	<17
1,3-Butadiene	<0.75	<0.34	Bromodichloromethane	<1.1	<0.17
Butane	<81	<34	Trichloroethene	300	55
Bromomethane	<66	<17	cis-1,3-Dichloropropene	<15	<3.4
Chloroethane	<45	<17	4-Methyl-2-pentanone	<140	<34
Vinyl bromide	<7.4	<1.7	trans-1,3-Dichloropropene	<7.7	<1.7
Ethanol	<130	<68	Toluene	<130	<34
Acrolein	<1.9	<0.85	1,1,2-Trichloroethane	<0.93	<0.17
Pentane	<100	<34	2-Hexanone	<70	<17
Trichlorofluoromethane	<38	<6.8	Tetrachloroethene	17,000 ve	2,500 ve
Acetone	<81	<34	Dibromochloromethane	<1.4	<0.17
2-Propanol	<150	<59	1,2-Dibromoethane (EDB)	<1.3	<0.17
1,1-Dichloroethene	<6.7	<1.7	Chlorobenzene	<7.8	<1.7
trans-1,2-Dichloroethene	<6.7	<1.7	Ethylbenzene	<7.4	<1.7
Methylene chloride	<590	<170	1,1,2,2-Tetrachloroethane	<2.3	<0.34
t-Butyl alcohol (TBA)	<210	<68	Nonane	<89	<17
3-Chloropropene	<53	<17	Isopropylbenzene	<170	<34
CFC-113	<26	<3.4	2-Chlorotoluene	<88	<17
Carbon disulfide	<110	<34	Propylbenzene	<84	<17
Methyl t-butyl ether (MTBE)	<120	<34	4-Ethyltoluene	<84	<17
Vinyl acetate	<120	<34	m,p-Xylene	<15	<3.4
1,1-Dichloroethane	<6.9	<1.7	o-Xylene	<7.4	<1.7
cis-1,2-Dichloroethene	100	25	Styrene	<14	<3.4
Hexane	<60	<17	Bromoform	<35	<3.4
Chloroform	30	6.1	Benzyl chloride	<0.88	<0.17
Ethyl acetate	<120	<34	1,3,5-Trimethylbenzene	<84	<17
Tetrahydrofuran	<10	<3.4	1,2,4-Trimethylbenzene	<84	<17
2-Butanone (MEK)	<100	<34	1,3-Dichlorobenzene	<10	<1.7
1,2-Dichloroethane (EDC)	<0.69	<0.17	1,4-Dichlorobenzene	<3.9	<0.65
1,1,1-Trichloroethane	98	18	1,2-Dichlorobenzene	<10	<1.7
Carbon tetrachloride	<5.3	<0.85	1,2,4-Trichlorobenzene	<13	<1.7
Benzene	<5.4	<1.7	Naphthalene	<4.5	<0.85
Cyclohexane	<120	<34	Hexachlorobutadiene	<3.6	<0.34

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	SS2-231018	Client:	AEG Atlas LLC
Date Received:	10/19/23	Project:	Manor Market 11-124
Date Collected:	10/18/23	Lab ID:	310361-05 1/5.1
Date Analyzed:	10/24/23	Data File:	102322.D
Matrix:	Air	Instrument:	GCMS8
Units:	ug/m3	Operator:	bat

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	96	70	130

Compounds:	Concentration ug/m3	Concentration ppbv	Compounds:	Concentration ug/m3	Concentration ppbv
Propene	<6.1	<3.6	1,2-Dichloropropane	<1.2	<0.25
Dichlorodifluoromethane	<5	<1	1,4-Dioxane	<1.8	<0.51
Chloromethane	<19	<9.2	2,2,4-Trimethylpentane	<24	<5.1
F-114	<11	<1.5	Methyl methacrylate	<21	<5.1
Vinyl chloride	<1.3	<0.51	Heptane	<21	<5.1
1,3-Butadiene	<0.23	<0.1	Bromodichloromethane	<0.34	<0.051
Butane	<24	<10	Trichloroethene	<0.55	<0.1
Bromomethane	<20	<5.1	cis-1,3-Dichloropropene	<4.6	<1
Chloroethane	<13	<5.1	4-Methyl-2-pentanone	<42	<10
Vinyl bromide	<2.2	<0.51	trans-1,3-Dichloropropene	<2.3	<0.51
Ethanol	75 ca	40 ca	Toluene	<38	<10
Acrolein	1.3	0.57	1,1,2-Trichloroethane	<0.28	<0.051
Pentane	72	24	2-Hexanone	47	11
Trichlorofluoromethane	<11	<2	Tetrachloroethene	<35	<5.1
Acetone	98	41	Dibromochloromethane	<0.43	<0.051
2-Propanol	45	18	1,2-Dibromoethane (EDB)	<0.39	<0.051
1,1-Dichloroethene	<2	<0.51	Chlorobenzene	<2.3	<0.51
trans-1,2-Dichloroethene	<2	<0.51	Ethylbenzene	<2.2	<0.51
Methylene chloride	<180	<51	1,1,2,2-Tetrachloroethane	<0.7	<0.1
t-Butyl alcohol (TBA)	130	43	Nonane	<27	<5.1
3-Chloropropene	<16	<5.1	Isopropylbenzene	<50	<10
CFC-113	<7.8	<1	2-Chlorotoluene	<26	<5.1
Carbon disulfide	<32	<10	Propylbenzene	<25	<5.1
Methyl t-butyl ether (MTBE)	<37	<10	4-Ethyltoluene	<25	<5.1
Vinyl acetate	<36	<10	m,p-Xylene	<4.4	<1
1,1-Dichloroethane	<2.1	<0.51	o-Xylene	3.2	0.74
cis-1,2-Dichloroethene	<2	<0.51	Styrene	<4.3	<1
Hexane	<18	<5.1	Bromoform	<11	<1
Chloroform	0.35	0.071	Benzyl chloride	<0.26	<0.051
Ethyl acetate	<37	<10	1,3,5-Trimethylbenzene	<25	<5.1
Tetrahydrofuran	6.3	2.1	1,2,4-Trimethylbenzene	<25	<5.1
2-Butanone (MEK)	<30	<10	1,3-Dichlorobenzene	<3.1	<0.51
1,2-Dichloroethane (EDC)	<0.21	<0.051	1,4-Dichlorobenzene	<1.2	<0.19
1,1,1-Trichloroethane	<2.8	<0.51	1,2-Dichlorobenzene	<3.1	<0.51
Carbon tetrachloride	<1.6	<0.25	1,2,4-Trichlorobenzene	<3.8	<0.51
Benzene	<1.6	<0.51	Naphthalene	<1.3	<0.25
Cyclohexane	<35	<10	Hexachlorobutadiene	<1.1	<0.1

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	Method Blank	Client:	AEG Atlas LLC
Date Received:	Not Applicable	Project:	Manor Market 11-124
Date Collected:	Not Applicable	Lab ID:	03-2435mb
Date Analyzed:	10/24/23	Data File:	102312.D
Matrix:	Air	Instrument:	GCMS8
Units:	ug/m3	Operator:	bat

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	93	70	130

Compounds:	Concentration ug/m3	Concentration ppbv	Compounds:	Concentration ug/m3	Concentration ppbv
Propene	<1.2	<0.7	1,2-Dichloropropane	<0.23	<0.05
Dichlorodifluoromethane	<0.99	<0.2	1,4-Dioxane	<0.36	<0.1
Chloromethane	<3.7	<1.8	2,2,4-Trimethylpentane	<4.7	<1
F-114	<2.1	<0.3	Methyl methacrylate	<4.1	<1
Vinyl chloride	<0.26	<0.1	Heptane	<4.1	<1
1,3-Butadiene	<0.044	<0.02	Bromodichloromethane	<0.067	<0.01
Butane	<4.8	<2	Trichloroethene	<0.11	<0.02
Bromomethane	<3.9	<1	cis-1,3-Dichloropropene	<0.91	<0.2
Chloroethane	<2.6	<1	4-Methyl-2-pentanone	<8.2	<2
Vinyl bromide	<0.44	<0.1	trans-1,3-Dichloropropene	<0.45	<0.1
Ethanol	<7.5	<4	Toluene	<7.5	<2
Acrolein	<0.11	<0.05	1,1,2-Trichloroethane	<0.055	<0.01
Pentane	<5.9	<2	2-Hexanone	<4.1	<1
Trichlorofluoromethane	<2.2	<0.4	Tetrachloroethene	<6.8	<1
Acetone	<4.8	<2	Dibromochloromethane	<0.085	<0.01
2-Propanol	<8.6	<3.5	1,2-Dibromoethane (EDB)	<0.077	<0.01
1,1-Dichloroethene	<0.4	<0.1	Chlorobenzene	<0.46	<0.1
trans-1,2-Dichloroethene	<0.4	<0.1	Ethylbenzene	<0.43	<0.1
Methylene chloride	<35	<10	1,1,2,2-Tetrachloroethane	<0.14	<0.02
t-Butyl alcohol (TBA)	<12	<4	Nonane	<5.2	<1
3-Chloropropene	<3.1	<1	Isopropylbenzene	<9.8	<2
CFC-113	<1.5	<0.2	2-Chlorotoluene	<5.2	<1
Carbon disulfide	<6.2	<2	Propylbenzene	<4.9	<1
Methyl t-butyl ether (MTBE)	<7.2	<2	4-Ethyltoluene	<4.9	<1
Vinyl acetate	<7	<2	m,p-Xylene	<0.87	<0.2
1,1-Dichloroethane	<0.4	<0.1	o-Xylene	<0.43	<0.1
cis-1,2-Dichloroethene	<0.4	<0.1	Styrene	<0.85	<0.2
Hexane	<3.5	<1	Bromoform	<2.1	<0.2
Chloroform	<0.049	<0.01	Benzyl chloride	<0.052	<0.01
Ethyl acetate	<7.2	<2	1,3,5-Trimethylbenzene	<4.9	<1
Tetrahydrofuran	<0.59	<0.2	1,2,4-Trimethylbenzene	<4.9	<1
2-Butanone (MEK)	<5.9	<2	1,3-Dichlorobenzene	<0.6	<0.1
1,2-Dichloroethane (EDC)	<0.04	<0.01	1,4-Dichlorobenzene	<0.23	<0.038
1,1,1-Trichloroethane	<0.55	<0.1	1,2-Dichlorobenzene	<0.6	<0.1
Carbon tetrachloride	<0.31	<0.05	1,2,4-Trichlorobenzene	<0.74	<0.1
Benzene	<0.32	<0.1	Naphthalene	<0.052 j	<0.01 j
Cyclohexane	<6.9	<2	Hexachlorobutadiene	<0.21	<0.02

Date of Report: 11/02/23
Date Received: 10/19/23
Project: Manor Market 11-124, F&BI 310361

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF AIR SAMPLES FOR VOLATILES BY METHOD MA-APH

Laboratory Code: 310376-01 1/5.6 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	RPD (Limit 30)
APH EC5-8 aliphatics	ug/m3	510	<420	nm
APH EC9-12 aliphatics	ug/m3	320	310	3
APH EC9-10 aromatics	ug/m3	<140	<140	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
APH EC5-8 aliphatics	ug/m3	67	83	70-130
APH EC9-12 aliphatics	ug/m3	67	83	70-130
APH EC9-10 aromatics	ug/m3	67	91	70-130

Date of Report: 11/02/23
Date Received: 10/19/23
Project: Manor Market 11-124, F&BI 310361

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF AIR SAMPLES FOR VOLATILES BY METHOD TO-15

Laboratory Code: 310376-01 1/5.6 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	RPD (Limit 30)
Propene	ug/m3	<6.7	<6.7	nm
Dichlorodifluoromethane	ug/m3	<5.5	<5.5	nm
Chloromethane	ug/m3	<21	<21	nm
F-114	ug/m3	<12	<12	nm
Vinyl chloride	ug/m3	<1.4	<1.4	nm
1,3-Butadiene	ug/m3	<0.25	<0.25	nm
Butane	ug/m3	<27	<27	nm
Bromomethane	ug/m3	<22	<22	nm
Chloroethane	ug/m3	<15	<15	nm
Vinyl bromide	ug/m3	<2.4	<2.4	nm
Ethanol	ug/m3	<42	44	nm
Acrolein	ug/m3	<0.64	<0.64	nm
Pentane	ug/m3	<33	<33	nm
Trichlorofluoromethane	ug/m3	<13	<13	nm
Acetone	ug/m3	<27	30	nm
2-Propanol	ug/m3	<48	<48	nm
1,1-Dichloroethene	ug/m3	<2.2	<2.2	nm
trans-1,2-Dichloroethene	ug/m3	<2.2	<2.2	nm
Methylene chloride	ug/m3	<190	<190	nm
t-Butyl alcohol (TBA)	ug/m3	<68	<68	nm
3-Chloropropene	ug/m3	<18	<18	nm
CFC-113	ug/m3	<8.6	<8.6	nm
Carbon disulfide	ug/m3	<35	<35	nm
Methyl t-butyl ether (MTBE)	ug/m3	<40	<40	nm
Vinyl acetate	ug/m3	<39	<39	nm
1,1-Dichloroethane	ug/m3	<2.3	<2.3	nm
cis-1,2-Dichloroethene	ug/m3	<2.2	<2.2	nm
Hexane	ug/m3	<20	<20	nm
Chloroform	ug/m3	<0.27	<0.27	nm
Ethyl acetate	ug/m3	<40	<40	nm
Tetrahydrofuran	ug/m3	<3.3	<3.3	nm
2-Butanone (MEK)	ug/m3	<33	<33	nm
1,2-Dichloroethane (EDC)	ug/m3	<0.23	<0.23	nm
1,1,1-Trichloroethane	ug/m3	<3.1	<3.1	nm
Carbon tetrachloride	ug/m3	<1.8	<1.8	nm
Benzene	ug/m3	<1.8	<1.8	nm
Cyclohexane	ug/m3	<39	<39	nm
1,2-Dichloropropane	ug/m3	<1.3	<1.3	nm
1,4-Dioxane	ug/m3	<2	<2	nm
2,2,4-Trimethylpentane	ug/m3	<26	<26	nm

Date of Report: 11/02/23
Date Received: 10/19/23
Project: Manor Market 11-124, F&BI 310361

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF AIR SAMPLES FOR VOLATILES BY METHOD TO-15

Laboratory Code: 310376-01 1/5.6 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	RPD (Limit 30)
Methyl methacrylate	ug/m3	<23	<23	nm
Heptane	ug/m3	<23	<23	nm
Bromodichloromethane	ug/m3	<0.38	<0.38	nm
Trichloroethene	ug/m3	<0.6	<0.6	nm
cis-1,3-Dichloropropene	ug/m3	<5.1	<5.1	nm
4-Methyl-2-pentanone	ug/m3	<46	<46	nm
trans-1,3-Dichloropropene	ug/m3	<2.5	<2.5	nm
Toluene	ug/m3	<42	<42	nm
1,1,2-Trichloroethane	ug/m3	<0.31	<0.31	nm
2-Hexanone	ug/m3	<23	<23	nm
Tetrachloroethene	ug/m3	<38	<38	nm
Dibromochloromethane	ug/m3	<0.48	<0.48	nm
1,2-Dibromoethane (EDB)	ug/m3	<0.43	<0.43	nm
Chlorobenzene	ug/m3	<2.6	<2.6	nm
Ethylbenzene	ug/m3	<2.4	<2.4	nm
1,1,2,2-Tetrachloroethane	ug/m3	<0.77	<0.77	nm
Nonane	ug/m3	<29	<29	nm
Isopropylbenzene	ug/m3	<55	<55	nm
2-Chlorotoluene	ug/m3	<29	<29	nm
Propylbenzene	ug/m3	<28	<28	nm
4-Ethyltoluene	ug/m3	<28	<28	nm
m,p-Xylene	ug/m3	7.2	7.3	1
o-Xylene	ug/m3	2.5	2.5	0
Styrene	ug/m3	<4.8	<4.8	nm
Bromoform	ug/m3	<12	<12	nm
Benzyl chloride	ug/m3	<0.29	<0.29	nm
1,3,5-Trimethylbenzene	ug/m3	<28	<28	nm
1,2,4-Trimethylbenzene	ug/m3	<28	<28	nm
1,3-Dichlorobenzene	ug/m3	<3.4	<3.4	nm
1,4-Dichlorobenzene	ug/m3	<1.3	<1.3	nm
1,2-Dichlorobenzene	ug/m3	<3.4	<3.4	nm
1,2,4-Trichlorobenzene	ug/m3	<4.2	<4.2	nm
Naphthalene	ug/m3	<1.5	<1.5	nm
Hexachlorobutadiene	ug/m3	<1.2	<1.2	nm

Date of Report: 11/02/23
Date Received: 10/19/23
Project: Manor Market 11-124, F&BI 310361

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF AIR SAMPLES FOR VOLATILES BY METHOD TO-15

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Propene	ug/m3	23	120	70-130
Dichlorodifluoromethane	ug/m3	67	99	70-130
Chloromethane	ug/m3	28	97	70-130
F-114	ug/m3	94	89	70-130
Vinyl chloride	ug/m3	35	88	70-130
1,3-Butadiene	ug/m3	30	92	70-130
Butane	ug/m3	32	92	70-130
Bromomethane	ug/m3	52	102	70-130
Chloroethane	ug/m3	36	95	70-130
Vinyl bromide	ug/m3	59	111	70-130
Ethanol	ug/m3	25	136 vo	70-130
Acrolein	ug/m3	31	104	70-130
Pentane	ug/m3	40	103	70-130
Trichlorofluoromethane	ug/m3	76	101	70-130
Acetone	ug/m3	32	112	70-130
2-Propanol	ug/m3	33	109	70-130
1,1-Dichloroethene	ug/m3	54	98	70-130
trans-1,2-Dichloroethene	ug/m3	54	105	70-130
Methylene chloride	ug/m3	94	102	70-130
t-Butyl alcohol (TBA)	ug/m3	41	114	70-130
3-Chloropropene	ug/m3	42	96	70-130
CFC-113	ug/m3	100	102	70-130
Carbon disulfide	ug/m3	42	95	70-130
Methyl t-butyl ether (MTBE)	ug/m3	49	97	70-130
Vinyl acetate	ug/m3	48	136 vo	70-130
1,1-Dichloroethane	ug/m3	55	98	70-130
cis-1,2-Dichloroethene	ug/m3	54	99	70-130
Hexane	ug/m3	48	92	70-130
Chloroform	ug/m3	66	99	70-130
Ethyl acetate	ug/m3	49	114	70-130
Tetrahydrofuran	ug/m3	40	93	70-130
2-Butanone (MEK)	ug/m3	40	95	70-130
1,2-Dichloroethane (EDC)	ug/m3	55	95	70-130
1,1,1-Trichloroethane	ug/m3	74	113	70-130
Carbon tetrachloride	ug/m3	85	117	70-130
Benzene	ug/m3	43	94	70-130
Cyclohexane	ug/m3	46	101	70-130
1,2-Dichloropropane	ug/m3	62	98	70-130
1,4-Dioxane	ug/m3	49	117	70-130
2,2,4-Trimethylpentane	ug/m3	63	94	70-130

Date of Report: 11/02/23
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Project: Manor Market 11-124, F&BI 310361

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF AIR SAMPLES FOR VOLATILES BY METHOD TO-15

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Methyl methacrylate	ug/m3	55	103	70-130
Heptane	ug/m3	55	95	70-130
Bromodichloromethane	ug/m3	90	109	70-130
Trichloroethene	ug/m3	73	102	70-130
cis-1,3-Dichloropropene	ug/m3	61	115	70-130
4-Methyl-2-pentanone	ug/m3	55	114	70-130
trans-1,3-Dichloropropene	ug/m3	61	121	70-130
Toluene	ug/m3	51	106	70-130
1,1,2-Trichloroethane	ug/m3	74	100	70-130
2-Hexanone	ug/m3	55	106	70-130
Tetrachloroethene	ug/m3	92	107	70-130
Dibromochloromethane	ug/m3	120	119	70-130
1,2-Dibromoethane (EDB)	ug/m3	100	102	70-130
Chlorobenzene	ug/m3	62	111	70-130
Ethylbenzene	ug/m3	59	105	70-130
1,1,2,2-Tetrachloroethane	ug/m3	93	110	70-130
Nonane	ug/m3	71	95	70-130
Isopropylbenzene	ug/m3	66	107	70-130
2-Chlorotoluene	ug/m3	70	108	70-130
Propylbenzene	ug/m3	66	108	70-130
4-Ethyltoluene	ug/m3	66	107	70-130
m,p-Xylene	ug/m3	120	107	70-130
o-Xylene	ug/m3	59	108	70-130
Styrene	ug/m3	58	105	70-130
Bromoform	ug/m3	140	132 vo	70-130
Benzyl chloride	ug/m3	70	157 vo	70-130
1,3,5-Trimethylbenzene	ug/m3	66	107	70-130
1,2,4-Trimethylbenzene	ug/m3	66	110	70-130
1,3-Dichlorobenzene	ug/m3	81	114	70-130
1,4-Dichlorobenzene	ug/m3	81	111	70-130
1,2-Dichlorobenzene	ug/m3	81	111	70-130
1,2,4-Trichlorobenzene	ug/m3	100	102	70-130
Naphthalene	ug/m3	71	106	70-130
Hexachlorobutadiene	ug/m3	140	116	70-130

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for the analyte were outside of acceptance criteria, biased low; or, the calibration results for the analyte were outside of acceptance criteria, biased high, with a detection for the analyte in the sample. The value reported is an estimate.

c - The presence of the analyte may be due to carryover from previous sample injections.

cf - The sample was centrifuged prior to analysis.

d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.

dv - Insufficient sample volume was available to achieve normal reporting limits.

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

fc - The analyte is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.

hs - Headspace was present in the container used for analysis.

ht – The analysis was performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of control limits due to sample matrix effects.

j - The analyte concentration is reported below the standard reporting limit. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

k – The calibration results for the analyte were outside of acceptance criteria, biased high, and the analyte was not detected in the sample.

lc - The presence of the analyte is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.

ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

SAMPLE CHAIN OF CUSTODY

310361

10/19/23

Report To Nathan Dickey

Company AEG Atlas LLC

Address

City, State, ZIP Olympia

Phone Email ndickey@aegwa.com

SAMPLERS (*signature*)

PROJECT NAME & ADDRESS: Manor Market

PO #: 11-129

NOTES:

INVOICE TO

Page # 1 of 1

TURNAROUND TIME: Standard ~~RUSH~~

Rush charges authorized by:

SAMPLE DISPOSAL
Default: Clean following final report delivery
Hold (Fee may apply):

SAMPLE INFORMATION										ANALYSIS REQUESTED						
Sample Name	Lab ID	Canister ID	Flow Cont. ID	Reporting Level: IA=Indoor Air SG=Soil Gas (Circle One)	Date Sampled	Initial Vac. ("Hg)	Field Initial Time	Final Vac. ("Hg)	Field Final Time	TO15 Full Scan	TO15 BTEXN	TO15 cVOCs	APH	Helium		Notes
AMBIENT-231018	01	46631	06605	(IA) / SG	10/18	29	0817	6	1620	X			X			
INDOOR01-231018	02	18576	06606	(IA) / SG	10/18	32	0825	8	1626	X			X			
INDOOR 02-231018	03	18563	07870	(IA) / SG	10/18	28	0820	6	1623	X			X			
SS1-231018	04	8526	259	IA / (SG)	10/18	28	1507	4	1513	X			X			
SS2-231018	05	8211	301	IA / (SG)	10/18	28	1448	3	1453	X			X			
				IA / SG												
				IA / SG												
				IA / SG							Samples received at 20 °C					

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Nathan Dickey	AEG	10/19	1118
Received by:	ANH PHAN	FB	10/19/23	11:18
Relinquished by:				
Received by:				

Friedman & Bruya, Inc.
5500 4th Avenue South
Seattle, WA 98108
Ph. (206) 285-8282
Fax (206) 283-5044