September 8, 2026

Transmitted via e-mail to: cdbrown@pa.gov

C. David Brown, P.G., Environmental Program Manager
Environmental Cleanup and Brownfields
Department of Environmental Protection, Southeast Regional Office
2 East Main Street
Norristown, PA 19401

RE: Weekly Progress Report No. 37
MIPC Chelsea Facility
PADEP Facility ID No. 634737
920 Cherry Tree Road, Aston, PA 19014
Bethel Township, Upper Chichester Township, Aston Township, Delaware County
Langan Project No. 220240201

Dear Mr. Brown:

On behalf of MIPC, LLC (MIPC) and in accordance with Part 1.f. of the Order issued by the Department of Environmental Protection (DEP) to MIPC on December 23, 2025, Langan Engineering and Environmental Services, LLC (Langan) is submitting this 37th Weekly Progress Report for the MIPC Chelsea Facility in Aston, Delaware County, PA. This progress report summarizes activities performed by MIPC regarding the release for the period August 29 through September 4, 2026, and includes the required information per Part 1.f. of the Order.

Weekly progress reports are submitted electronically each Tuesday to report activities completed for the prior week (Saturday through Friday). It is understood that, with DEP's approval, the frequency of the progress reports may be reduced at a future time.

Laboratory reports for property well sampling received within the preceding seven-day (calendar) period, as required by Part 1.h. of the Order, are appended to this progress report, as applicable.

The second quarterly remedial action progress report was submitted to DEP on June 19, 2026 and includes a summary of site characterization and interim remedial action activities and results through early June 2026. Therefore, weekly progress reports submitted after June 19, 2026 do not re-present information and results included within the second quarterly remedial action progress report.

i. Groundwater Supply Wells Identification & Sampling Overview

To date, numbers of groundwater supply wells identified, groundwater supply wells sampled, laboratory results received, and scheduled potable well sampling.

# GW Supply Wells Identified[1]	# GW Supply Wells Sampled	# Laboratory Results Received	# Scheduled Potable Well Sampling
46	40	Initial[2]: 52	7
	Extra[2]: 12	Resample[3]: 89 Resample (results pending)[3]: 1	

[1] – Potable groundwater supply wells within Order-stipulated area of interest (i.e., 1,000 feet from western site boundary). This number does not include non-potable wells that are either unused or used for irrigation/landscaping only. This number was updated to reflect private wells that were isolated or abandoned after MIPC connected certain properties to the CWA public water system (see **Table 1**).

[2] – The number of extra groundwater supply wells sampled and number of initial laboratory results received include:

- seven residences with potable wells located beyond the area of interest;
- one unused, non-potable well that is located beyond the area of interest (residence connected to and uses public water but requested sampling of their private well);
- three non-potable wells that are located within the area of interest but are used for landscaping only (these residences are connected to and use public water but requested sampling of their non-potable private wells); and
- one unused, secondary well (the newer, deeper well is the used drinking water well for this property, but both wells were sampled).

[3] – 39 private drinking water wells have been resampled for Round 2 testing, 15 private drinking water wells have been resampled for Round 3 testing, 12 private drinking water wells have been resampled for Round 4 testing, 10 private drinking water wells have been resampled for Round 5 testing, 9 private drinking water wells have been resampled for Round 6 testing, and 5 private drinking water wells have been resampled for Round 7 testing (see Table 1).

Refer to attached **Figure 1** and **Table 1** for information about groundwater supply wells.

ii. Potable Well Results to Date

To date, numbers of tested potable wells exceeding MSCs for VOCs, and tested potable wells with detections of VOCs that do not exceed MSCs.

# Tested Potable Wells Exceeding MSCs for VOCs	# Tested Potable Wells with Detections of VOCs below MSCs
0	5 (and 2 Non-Potable Wells)

Laboratory results have been received for 47 potable wells (including seven potable wells located outside the area of interest) and five non-potable wells to date. Additionally, laboratory results have been received for 39 potable wells that were re-sampled (Rounds 2, 3, 4, 5, 6 and/or 7 testing). Drinking water samples were analyzed for gasoline-related constituents (i.e., the PADEP petroleum product list for unleaded gasoline) via EPA Method 524.2. None of the analyzed compounds were detected at concentrations above the most stringent PA Act 2 MSCs for groundwater, as well as the PA Act 2 Vapor Intrusion Screening Values for Groundwater and U.S. EPA MCLs.

Table 2, attached, summarizes the private well drinking water results received since submission of the second quarterly remedial action progress report on June 19, 2026, and the laboratory analytical report(s) for the private well samples that were not previously submitted as part of prior Weekly Progress Reports are included as **Attachment 1**. The locations and IDs of the private wells sampled to date are depicted on **Figure 1**, attached.

iii. POET Systems Overview - Numbers

To date, numbers of POETs installed by MIPC, POETs installed by others that are known by MIPC, and planned POETs by MIPC and by others.

No POETs have been installed by MIPC or others to date, and no POETs are planned to be installed by MIPC or others at this time. As indicated in the response to 1.f.ii. above, all results to date have been below the most stringent PA Act 2 MSCs for groundwater, as well as the PA Act 2 Vapor Intrusion Screening Values for Groundwater and U.S. EPA MCLs; therefore, POETs are not warranted at this time.

iv. POET Systems Overview - List

To date, a list of properties with potable wells known to MIPC with operating POETs or other treatment systems for VOCs, a list of properties with potable wells with VOC detections that do not have POETs or other treatment systems, a list of properties with potable wells with planned POETs, and a list of properties with potable wells with VOC detections where MIPC does not know whether the property has a POET or other treatment system.

Properties with potable wells, to date, known to MIPC with:

Operating POETs for VOCs	VOC Detections and No POETs[1]	Planned POETs	VOC Detections and Unknown POETs
None	1) [REDACTED] 2) [REDACTED] 3) [REDACTED] 4) [REDACTED] 5) [REDACTED]	None	None

[1] Water samples collected from two *non-potable* wells have low-level detections of a VOC(s). These properties are connected to the public water system (CWA) for drinking water supply.

Low-level detection(s) of one or more analyzed VOC(s) were reported for one or more prior samples collected from the above-listed properties. Langan notes that results from the most recent five rounds of drinking water samples collected from the first above-listed property did not have detections of analyzed VOCs. These wells are included in a monthly monitoring program.

As described in prior weekly progress reports, water samples with low-level VOC detections collected in January and July 2026 from private well RW-23 at a previously listed property were unknowingly collected from a water heater tank that looks like a well pressure tank. Therefore, those samples are not representative of private well drinking water. The samples collected from this same property in March, April, June and August 2026 were collected from the well pressure tank, and no VOCs were detected in those samples. Because no VOCs were detected in all four samples collected from the well pressure tank, the RW-23 well is monitored on a semi-annual basis as of August 2026.

v. POET System Requests - Number

To date, numbers of properties that have requested POETs from MIPC and where MIPC has declined to install or pay for the installation of a POET.

None (0). No property owners have requested POETs from MIPC to date.

MIPC has or intends to connect several properties to the CWA public water supply, pending the owners' agreement and approval for access. Public water connection has been made for two properties that adjoin the western boundary of the Site (see **Table 1**), and connection to the public water supply is underway or planned for several other properties that adjoin the western boundary of the Site.

vi. POET System Requests - List

To date, a list of properties which have requested POETs and where MIPC has declined to install or pay for the installation of POETs, and the reasoning for declining.

None (0). No property owners have requested POETs from MIPC to date.

vii. Property Well Results Tables - Sample Analytical, Gauging, and Wellhead Field Screening

Tables of all property well sampling analytical results, property well gauging results, and wellhead field screening results.

See **Table 2**, attached, which presents a summary of the private well drinking water analytical results received since submission of the second quarterly remedial action progress report on June 19, 2026.

For private property wells sampled after issuance of the DEP Order on December 23, 2025, Langan retained a PA-licensed well driller to open and close property wells for access to screen and gauge the wells, to the extent practical, as stipulated in the Order. During the meeting among MIPC, Langan, and DEP on January 7, 2026, the DEP stated that it is appropriate to limit the initial wellhead screening and gauging requirement to only those properties closest to the facility. Therefore, as of January 7, 2026, only those private wells located on properties immediately west of the site (i.e., to the east of Chichester Avenue and south of Concord Road), are targeted for opening, wellhead field screening

and gauging. Note that several potable wells on adjoining properties are either unable to be opened because of denied access or well condition (e.g., rusted shut).

Table 3, attached, presents Photoionization Detector (PID) wellhead screening and depth-to-water gauging data for the potable well(s) that have been opened for screening and gauging since submission of the second quarterly remedial action progress report on June 19, 2026. No LNAPL has been detected or measured using a decontaminated interface probe and/or a bailer in any of the potable wells that have been opened to date, and all PID readings have been below 1 part per million (ppm) at the potable wellheads.

viii. Site Characterization Activities Overview

Site characterization activities performed, including investigations and monitoring of soil, groundwater, LNAPL, surface water, ambient air, and vapor intrusion.

On-Site and Off-site Drilling and Well Installation

MIPC initiated a subsurface drilling investigation in November 2025 that remains ongoing. To date, MIPC has installed 99 groundwater monitoring wells and 11 near-source soil gas (or vapor) monitoring points (VMPs) on the site, as shown on **Figures 1** and **1A**, as well as 25 monitoring wells, 6 near-source soil gas VMPs, and 13 sub-slab soil gas monitoring points (SSMPs) on 14 offsite properties and the Chichester Avenue Right-of-Way (ROW) to the west of the MIPC facility (**Figure 1**). Measurable LNAPL is present or was encountered in 54 of the 124 monitoring wells, as indicated by color-coding on **Figures 1** and **1A**.

Offsite drilling and monitoring well installation for further site characterization and delineation to the west and southwest of the Site remains ongoing. Since submission of the last Weekly Progress Report, two additional offsite monitoring wells (MW-[REDACTED] and MW-[REDACTED]) were installed within the northbound ROW of Chichester Avenue to the west of the site (see **Figure 1**). Field indications of petroleum impact were noted during drilling and construction of monitoring well MW-[REDACTED]. No field indications of petroleum impact were noted during drilling and construction of monitoring well MW-[REDACTED].

Further delineation is needed to the west of offsite well MW-[REDACTED] (see **Figure 1**). Drilling and well installation activities within the ROW of Chichester Avenue remain ongoing.

Soil and Groundwater Sampling

Unsaturated soil samples are collected from soil borings advanced at select monitoring well locations at discrete depths corresponding to the highest measured PID reading and/or from immediately above the apparent water table (i.e., unsaturated soil). Since submission of the last (36th) Weekly Progress Report, results have been received for a subsurface soil sample collected from the offsite soil boring advanced at the location of

monitoring well MW-[REDACTED] (see **Figure 1**). Results for soil samples received since submission of the second quarterly remedial action progress report on June 19, 2026 are summarized in **Table 4**. Soil analytical results are compared to the applicable PA Act 2 Soil MSCs and Vapor Intrusion Screening Values for Soil (SV_{SOIL}). Laboratory analytical report(s) for soil samples that were not previously submitted under prior Weekly Progress Reports are presented in **Attachment 2**.

As shown in **Table 4**, no exceedances of the applicable Act 2 Soil MSCs or SV_{SOIL} were detected in the subsurface soil sample collected from the soil boring at location MW-[REDACTED].

As reported in the last (36th) Weekly Progress Report, MIPC/Langan conducted low-flow groundwater sampling between August 10 and 21, 2026. Results for 61 of the 62 monitoring wells sampled in August 2026 were discussed in Weekly Progress Report #36. Since submission of the last report, groundwater results for MW-N1 (see **Figure 1**) have been received. Results for groundwater samples received since submission of the second quarterly remedial action progress report on June 19, 2026 are summarized in **Table 5**. Groundwater analytical results are compared to the applicable PA Act 2 Residential and Non-Residential Used Aquifer Medium-Specific Concentrations (MSCs) and Vapor Intrusion Screening Values for Groundwater (SV_{GW}). Laboratory analytical report(s) for the August 2026 groundwater samples that were not previously submitted under prior Weekly Progress Report(s) are presented in **Attachment 3**.

As shown in **Table 5**, no exceedances of the Residential or Non-Residential Groundwater MSCs or SV_{GW} were detected in the groundwater sample collected from monitoring well MW-N1. Furthermore, analyzed contaminants were not detected above laboratory method detection limits (MDLs) in the MW-N1 groundwater sample.

MIPC has continued conducting routine weekly inspections of Outfalls 1, 2 and 3, the tributary of Marcus Hook Creek known as Bezer's Run, and Marcus Hook Creek, as shown on **Figures 1** and **1A**. No indications of impact to surface water (e.g., sheen, odors, pooled product, stressed vegetation) have been identified to date.

ix. Site Characterization Activities - Data Tables and Maps

Data tables and maps showing results of performed site characterization activities that MIPC obtained in the preceding 7-day (calendar) period.

Refer to **Tables 2** through **5** and **Figures 1** and **1A**, as referenced in *vii* and *viii*.

x. Site Remediation Activities and Petroleum Recovery

Site remediation activities performed and include documenting the cumulative quantity of petroleum recovered from each medium.

MIPC began site remediation activities immediately on August 18, 2025, upon discovery of the hydrocarbon discharge from the concrete pipe. Initial product recovery efforts

involved continuous vacuum truck extraction, and a temporary water treatment unit (WTU) has been operating since September 2025.

Since December 8, 2025, Langan and its subcontractor have been performing Vacuum Enhanced Fluid Recovery (VEFR) focused on the wells located west of Tank 708 near the western property boundary (see **Figure 1A**). Multi-well extraction using a manifold system began on January 23, 2026, and multi-well extraction using two manifold systems began on March 9, 2026. VEFR has not been conducted since August 6, 2026 because of Site-wide groundwater gauging/sampling and/or space limitations caused by active installation of the Multi-Phase Extraction (MPE) remedial system.

Since January 9, 2026, Langan has periodically conducted hand-bailing to remove LNAPL from select monitoring wells. Additionally, as described in the interim remedial action (IRA) plan and schedule submitted to DEP on January 13, 2026, an LNAPL recovery trench/sump was constructed as an interim remedial measure on January 12, 2026, immediately north (up-gradient) of the existing WTU area in an excavation area where LNAPL was observed (see **Figure 1A**). LNAPL accumulated in the sump has been removed via vacuum truck on 99 occasions between January 14 and September 4, 2026.

Installation and testing of a solar-powered LNAPL skimmer system began on April 1, 2026. The skimmer system was installed to recover product from seven wells, namely: MW-1A, MW-1D, MW-1F, MW-1G, MW-1M, MW-6 and MW-27. The skimmer system began operating on April 21, 2026, as further described in the second quarterly remedial action progress report submitted to PADEP on June 19, 2026. The skimmer system was shut down temporarily on July 9, 2026 to allow for piping installation related to the multi-phase extraction (MPE) / soil vapor extraction (SVE) system. On July 16, 2026, passive skimmers were deployed in monitoring wells MW-32, MW-66, MW-71 and MW-72 to the south-southwest of the Tank 708 basin. On July 28, 2026, the passive skimmers were moved to offsite wells MW-A1, MW-A2, MW-B, and MW-C2 where they remain as of September 4, 2026. LNAPL is removed from the passive skimmers on a near-daily basis.

One of the two catalytic oxidizer units (Falco 2) that is part of the soil vapor extraction (SVE) system began operating on July 29, 2026. The second unit (Falco 1) began operating on August 4, 2026. MIPC/Langan are continuing to shake-down and optimize the SVE system by collecting soil vapor samples (influent and effluent) and opening wells. Sample ports and vacuum gauges were installed on the wells connected to the SVE system to estimate mass destruction and extrapolate gallons of gasoline recovered via the SVE system, which is included as a line item in the table below. The SVE system was temporarily shut down between August 19 and 27, 2026 to troubleshoot an electrical condition. The SVE system is currently fully operating.

The table below presents a summary of gasoline recovered since September 2025.

Point of Recovery	Method of Recovery	# Recovery Events	Est. Total Fluids Removed (gal)	Est. LNAPL Removed (gal)
WTU	Treatment System Operation	Continuous	1,398,318	55,844
Monitoring Wells	Manual Bailing	71	850	830
	VEFR	138	52,871	11,887
	VEFR - GAC Filtration *(Estimated*)*	N/A	4,500	4,500
	Solar Skimmer	Continuous	2,789	2,785
T-708 SVE System	Falco 1 & 2	Continuous	1,800	1,800
Recovery Sump (Excavation Seep Area)	Vacuum Truck	99	33,246	1,043
		TOTAL	**1,494,374**	**78,689**

** Vapor-phase recovery form VEFR is estimated based on the weight of granular activated carbon (GAC) used during VEFR activities. The estimate assumes an average spent-carbon hydrocarbon loading of approximately 34% by weight and a gasoline density of 6.1 pounds per gallon. The estimate is presented as a high-end, gasoline-equivalent vapor-phase mass estimate and is not a directly measured liquid recovery volume.*

Installation and initial testing of the MPE system remains ongoing.

Additional LNAPL has been recovered via baildown transmissivity tests, monitoring well development, and hydrophobic absorbent socks that are deployed in and recovered from the offsite monitoring wells to the west of the facility.

The IRA plan and schedule submitted to DEP on January 13, 2026, further describes proposed supplemental short-term remedial measures to recover LNAPL.

xi. Air Sampling Results

All air sampling results received in the preceding 7-day (calendar) period are incorporated herein.

Fenceline perimeter air monitoring commenced at the end of December 2025 and, until August 30, 2026, was conducted in accordance with the original Fenceline Perimeter Air Monitoring Plan (PAMP) and subsequent PAMP Addendum that PADEP approved on April 10, 2026. Until August 30, 2026, 24-hour ambient air samples were collected from four locations (AA-1 through AA-4) along the perimeter facility fence line, as shown on **Figure 1A**, attached.

On August 13, 2026, MIPC/Langan submitted an updated PAMP Addendum to the DEP, which the Department approved on August 19, 2026. The updated plan uses an alternate, passive approach to perimeter air monitoring that consists of collecting and analyzing 14-day passive air samples by EPA Method 325A/B at five fenceline locations (S1 through S5, as shown on **Figure 1A**). Additionally, one 24-hour air sample (at location AA-3, see

Figure 1A) continues to be collected and analyzed by EPA Method TO-15 concurrently with the five, passive, 14-day samples. As previously agreed to by DEP, 24-hour air sampling only occurs when active site characterization activities and/or gasoline recovery operations are happening (e.g., not on holidays, weekends).

The first round of 14-day passive samples were deployed on August 17, 2026 and closed on August 31, 2026, and the second round of 14-day passive samples were deployed on August 31, 2026 and remain active. The results of the first round of passive air samples remain pending from the laboratory and will be reported in a subsequent weekly progress report.

MIPC/Langan voluntarily continued collecting and analyzing four, 24-hour air samples at stations AA-1 through AA-4 concurrently with the passive samples for the first round of sampling (i.e., through Friday, August 28, 2026). As of August 31, 2026, fenceline perimeter air monitoring is proceeding as detailed in the DEP-approved PAMP Addendum dated August 13, 2026. Collection of a 24-hour air sample at station AA-3 only began on August 31, 2026.

A private weather station is located on the northern portion of the site near the air monitoring stations for data evaluation purposes. In addition to the onsite private weather station (MIPC Aston), Langan also reviews data from an offsite, public weather station in Aston, PA (KPAASTON20), which is located approximately 0.75 miles northeast of the site. Daily weather data from weather station KPAASTON20 is updated every five minutes, and weather data from MIPC Aston is updated every thirty minutes.

Attachment 4 contains the weather data (including daily summaries) for the approximate period of August 29 through September 3, 2026, as well as wind rose diagrams visually depicting the wind speed and direction, as measured at station KPAASTON20 and station MIPC Aston. Across the approximately 7-day period, winds at the off-site KPAASTON20 station were generally light with an overall average wind speed of just 0.62 miles per hour (mph) and an average gust speed of 3.16 mph. The KPAASTON20 station frequently measured calm to no winds and a dominant calm component of wind speeds below 6 mph. During the approximately same time period, winds at the on-site MIPC Aston station were generally light with an overall average wind speed of 1.69 mph and an average gust speed of 5.59 mph. For station KPAASTON20, the primary wind direction from August 29 through September 3, 2026, was from the northeast (see wind rose diagram in **Attachment 4**). For the on-site weather station, the predominant wind direction for the approximately same period was from the west-southwest (**Attachment 4**).

To date, laboratory results have been received for 740, 24-hour samples collected daily since December 31, 2025. **Table 6**, attached, summarizes the TO-15 air monitoring results for the 261 samples received since submission of the second quarterly remedial action progress report on June 19, 2026. Since early June 2026, three samples (AA-1_20260611, AA-4_20260618, and AA-4_20260827) were not submitted to the laboratory for analysis based on sample train or Summa canister quality control issues or physical destruction of the canister (fallen tree). The laboratory analytical reports for the ambient

air samples that were not previously submitted as part of prior Weekly Progress Reports are included as **Attachment 5**.

As summarized in **Table 6**, attached, results for gasoline-related constituents were compared to the EPA's risk-based chronic screening levels (RSLs) for resident air (target hazard quotient of 1.0, target cancer risk of 1 in 100,000) using the more conservative number between the carcinogenic and noncarcinogenic screening levels. As shown in **Table 6**, acrolein, acrylonitrile, and 1,2-dibromoethane were detected at concentrations above the EPA RSL in one or more air sample(s); however, these VOCs are not compounds of concern associated with unleaded gasoline and, therefore, are believed to be background contaminants.

As detailed in Weekly Progress Reports #29 and #31, benzene was detected slightly above the EPA RSL for resident air of 3.6 ug/m^3 in the perimeter air samples collected at monitoring stations AA-2 on July 2, 2026 and AA-1 on July 17, 2026. No onsite activities were identified as the source of the benzene exceedances in the AA-2 and AA-1 air samples collected on July 2 and 17, 2026. A potential source of the recorded air condition on July 2nd at AA-2 is believed to be possibly related to nearby firework usage celebrating the federal 4th of July holiday. The suspected source of the recorded air condition on July 17th at AA-1 is background pollutants from wildfire smoke, which greatly impacted outdoor air quality that day (the Air Quality Index, AQI was 226 in Southeast PA on July 17, 2026).

As depicted in the benzene trend chart included as part of **Attachment 4**, except for samples collected from AA-2 on July 2, 2026 and AA-1 on July 17, 2026, as described above, benzene has otherwise not been detected at concentrations above the EPA RSL for resident air of 3.6 ug/m^3, the EPA Fenceline Action Level for Refineries of 9 ug/m^3, or the PADEP Non-Residential Vapor Intrusion Screening Value for Indoor Air of 16 ug/m^3 since the June 2026 quarterly remedial action progress report was submitted.

If you should have any questions or comments, please feel free to contact Jeffrey Smith directly at 215-694-7549.

Sincerely,
Langan Engineering and Environmental Services, LLC

Jeffrey A. Smith, P.G.
Senior Associate

Robert S. (Rory) Johnston, PE, GE, BCEE
Managing Principal

Enclosure(s):

Figures
Figure 1 – Site Plan with Onsite and Offsite Features
Figure 1A – Site Plan with Onsite Features

Tables
Table 1 – Private Well Inventory and Statuses for Properties Within 1000 Feet of Western Site Boundary Without Public Water Connection
Table 2 – Private Well Drinking Water Results Summary: June to August 2026
Table 3 - Potable Well Gauging and Wellhead Field Screening: June to August 2026
Table 4 – Soil Sample Results Summary: June to August 2026
Table 5 – Groundwater Sample Results Summary: August 2026
Table 6 – Fenceline Perimeter Air Monitoring Results: May 27 – August 28, 2026

Attachments
Attachment 1 – Drinking Water Sample Analytical Report: August 27, 2026
Attachment 2 - Soil Sample Analytical Report: August 25, 2026
Attachment 3 – Groundwater Sample Analytical Report: August 19, 2026
Attachment 4 – Air Monitoring Benzene Trend Chart, Weekly Wind Diagrams, and Daily Weather Data
Attachment 5 - Perimeter Air Monitoring Analytical Reports through August 28, 2026

cc: Alex M. Langan, C. David Brown, Simon Mullen, Lisa Strobridge, Jillian Gallagher – PADEP Southeast
Township Managers - Aston Township, Bethel Township (+ Ray Stiles), Upper Chichester Township
Liz Clapp, Melissa Turchi, Jeffrey Brockett, Adam Gattuso, Regan Howell, Sharon Watkins – MIPC
Margaret Hill - Blank Rome, LLP
Cortney Savidge, CHMM, John Loeffel – Langan

FIGURES

REDACTED

Legend

- Perimeter Air Monitoring Station (EPA Method 325A/B)
- Perimeter Air Monitoring Station (EPA Method TO-15)
- Approximate Soil Boring Location
- Abandoned Soil Boring Location
- Approximate Monitoring Well Location
- Approximate Private Potable Well Location Sampled by Langan in December 2025
- Approximate Near-Source Soil Vapor Monitoring Location
- Approximate Sub-Slab Soil Vapor Monitoring Location
- Approximate Indoor Air Monitoring Location
- Approximate Ambient Air Monitoring Location
- Stormwater Outfall Approximate Location
- Approximate Location of Routine MIPC Surface Water Inspection
- Historic Site Feature
- Site Boundary
- Structure
- Lake/Pond
- Approximate Onsite Portion of Bezer's Run (subject to routine MIPC surface water inspection)
- Stream
- Properties Targeted for Monthly Private Well Testing if Not Connected to Public Water (Access Dependent)
- Properties Targeted for Quarterly Private Well Testing if Not Connected to Public Water (Access Dependent)
- 1000-Foot Buffer along Western Property Boundary (Properties Targeted for Semiannual Private Well Testing if not Connected to Public Water (Access Dependent))
- Properties not Supplied Public Water from Chester Water Authority (With Street Address)
- Queried Properties Supplied Public Water from Chester Water Authority (with Street Address)
- Parcel Boundary

Notes:
Green Sample ID – No LNAPL Encountered in Well/Boring
Pink Sample ID – LNAPL Encountered in Well/Boring

1. All site feature locations are approximate.
2. Imagery provided through Langan's subscription to Nearmap.com. Flown 10/9/2025.
3. Parcel boundaries are provided by the Delaware County Office of Data and Mapping Innovation (ODMI).
4. Monitoring well and soil boring locations per survey data provided by Envirosure.
5. Streams and waterbodies are provided by the National Hydrography Dataset (NHD).
6. Structure outlines provided by the Federal Emergency Management Agency (FEMA) Geospatial Response Office and Oak Ridge National Laboratory (ORNL).
7. Sources of information for properties not serviced by CWA are CWA correspondence and responses from property owner water use questionnaires.

LANGAN

Langan Engineering and Environmental Services, LLC

1818 Market Street, Suite 3300
Philadelphia, PA 19103-3638

T: 215.845.8946 F: 215.845.8901 www.langan.com

Project

MIPC CHELSEA FACILITY

920 CHERRY TREE ROAD
ASTON TOWNSHIP

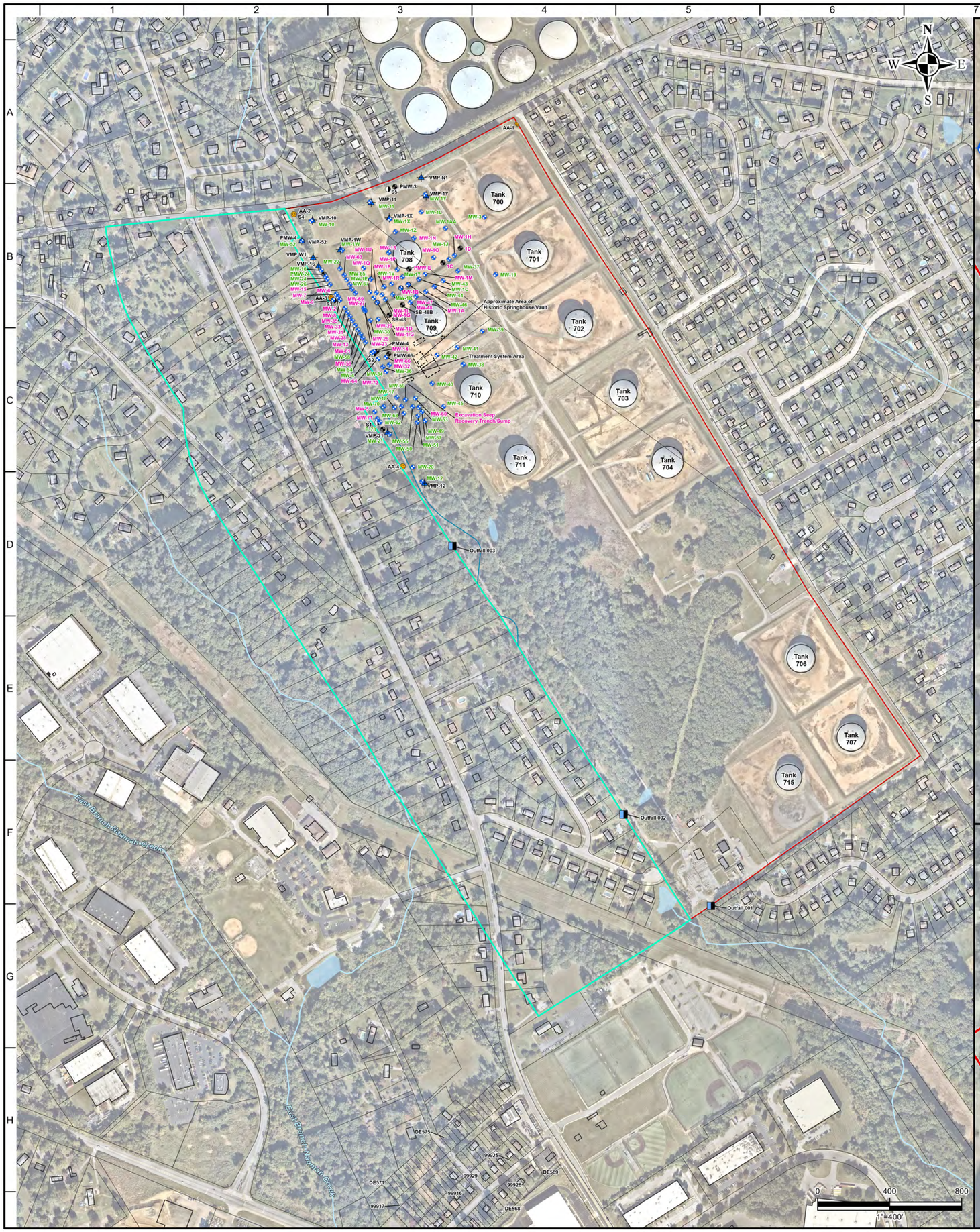
DELAWARE COUNTY PENNSYLVANIA

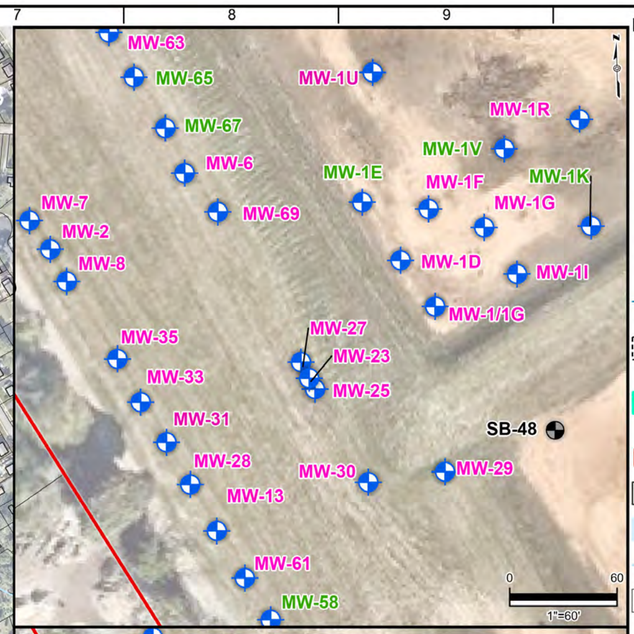
Drawing Title

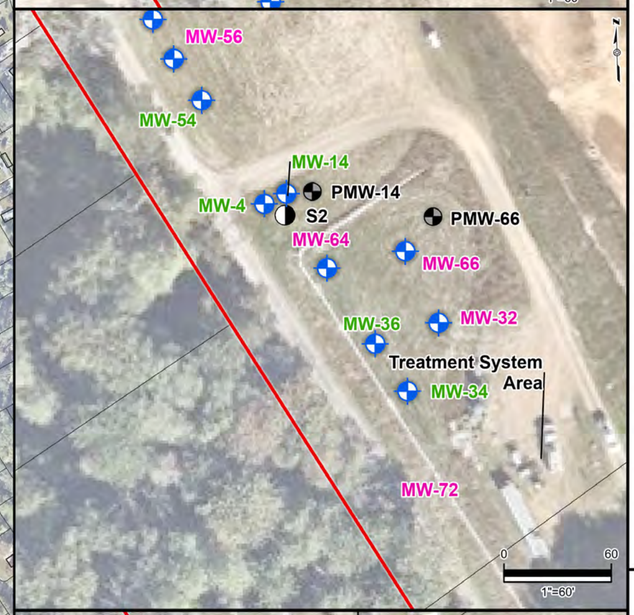
MIPC CHELSEA FACILITY

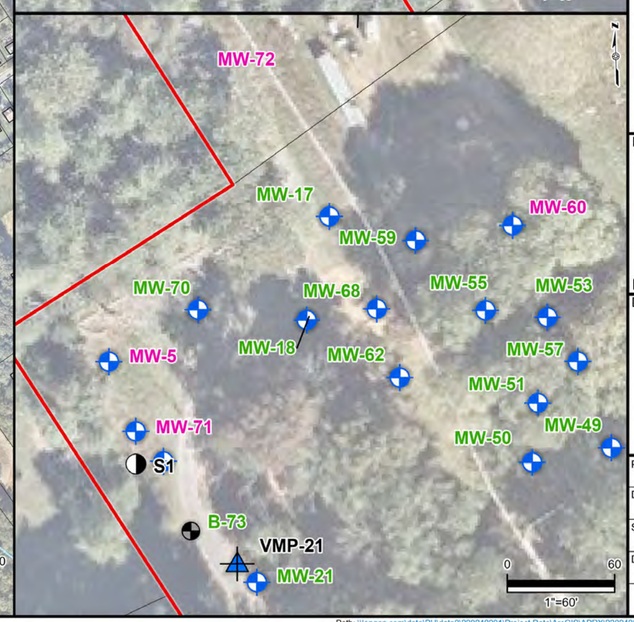
Project No. 220240201	Figure 1
Date 9/2/2026	
Scale SEE MAP	
Drawn By CH	

© 2026 Langan









Legend

- Perimeter Air Monitoring Station (EPA Method 325A/B)
- Perimeter Air Monitoring Station (EPA Method TO-15)
- Abandoned Soil Boring Location
- Approximate Monitoring Well Location
- Approximate Near-Source Soil Vapor Monitoring Location
- Stormwater Outfall Approximate Location
- Approximate Onsite Portion of Bezer's Run (subject to routine MIPC surface water inspection)
- Historic Site Feature
- 1000-Foot Buffer along Western Property Boundary (Properties Targeted for Semiannual Private Well Testing if not Connected to Public Water (Access Dependent))
- Site Boundary
- Structure
- Lake/Pond
- Stream
- Parcel Boundary

Notes:
Green Sample ID – No LNAPL Encountered in Well/Boring
Pink Sample ID – LNAPL Encountered in Well/Boring

1. All site feature locations are approximate.
2. Imagery provided through Langan's subscription to Nearmap.com. Flown 10/9/2025.
3. Parcel boundaries are provided by the Delaware County Office of Data and Mapping Innovation (ODMI).
4. Monitoring well and soil boring locations per survey data provided by Envirosure.
5. Streams and waterbodies are provided by the National Hydrography Dataset (NHD).
6. Structure outlines provided by the Federal Emergency Management Agency (FEMA) Geospatial Response Office and Oak Ridge National Laboratory (ORNL).

LANGAN
Langan Engineering and Environmental Services, LLC
1818 Market Street, Suite 3300
Philadelphia, PA 19103-3638
T: 215.845.8946 F: 215.845.8901 www.langan.com

Project

MIPC CHELSEA FACILITY

920 CHERRY TREE ROAD
ASTON TOWNSHIP

DELAWARE COUNTY PENNSYLVANIA

Drawing Title

MIPC CHELSEA FACILITY

Project No. 220240201	Figure 1A
Date 9/2/2026	
Scale SEE MAP	
Drawn By CH	

© 2026 Langan

TABLES

Table 1

Private Well Inventory and Statuses for Properties Within 1000 Feet of Western Site Boundary Without Public Water Connection

MIPC Chelsea Facility, Aston, PA 19014

Updated September 8, 2026

	Well Identification No.	Address (All Addresses are Aston, PA 19014)	Parcel No.	Municipality	CWA Connection (Yes/No)	Well Survey Completed/ Received?	Requested Well Testing (No Survey Rcv'd)	Initial Well Sample Date	Scheduled Sampling Date	Door Visit & Leave Behind Letter w/ Request to Sample	Declined Testing	2nd Round Well Sample Date	3rd Round Well Sample Date	4th Round Well Sample Date	5th Round Well Sample Date	6th Round Well Sample Date	7th Round Well Sample Date	8th Round Well Sample Date	Requested/ Receiving Bottled Water
Monthly Sampling Program	REDACTED			Bethel	No		Yes	12/16/2025	← Sampled	N/A	Yes	6/17/2026	*Pending*						
				Bethel	No		Yes	12/8/2025	← Sampled	N/A	N/A	1/29/2026	4/14/2026	5/13/2026	6/29/2026	7/30/2026	8/27/2026		Yes
				Bethel	No	Yes		12/8/2025	← Sampled	N/A	N/A	2/9/2026	3/16/2026	4/13/2026	5/18/2026	6/23/2026	7/28/2026	*9/10/2026*	Yes
				Bethel	**Yes**	Yes		12/8/2025	← Sampled	N/A	N/A	1/23/2026	3/9/2026	4/15/2026	5/19/2026	6/22/2026	**PWS Connection 7/14/26**		Canceled
				Upper Chichester	**Yes**		Yes	1/9/2026	← Sampled	N/A	N/A	3/27/2026	4/13/2026	5/21/2026	**PWS Connection 6/19/26**				Canceled
								N/A	N/A			N/A	N/A	N/A	8/10/2026				
				Upper Chichester	No	Yes		1/13/2026	← Sampled	N/A	N/A	3/4/2026	4/24/2026	5/21/2026	6/22/2026	8/5/2026	9/9/2026		Yes
				Upper Chichester	No	Yes		1/7/2026	← Sampled	N/A	N/A	1/29/2026	3/10/2026	4/16/2026	5/18/2026	6/23/2026	8/5/2026	9/9/2026	Yes
				Upper Chichester	No		Yes	1/9/2026	← Sampled	N/A	N/A	3/3/2026	4/16/2026	5/27/2026	6/23/2026	8/5/2026	9/9/2026		Yes
				Upper Chichester	No	Yes			Email Request Sent	1/20/2026									Yes
				Bethel	No	Yes		1/8/2026	← Sampled	N/A	N/A	2/11/2026	3/13/2026	4/13/2026	5/18/2026	6/22/2026	8/5/2026	9/9/2026	Yes
				Bethel Township	No	Yes		1/12/2026	← Sampled	N/A	N/A	4/24/2026	6/29/2026	7/27/2026	9/9/2026				Yes
				Bethel	No	Yes		1/7/2026	← Sampled	N/A	N/A	1/29/2026	4/30/2026	6/10/2026	7/23/2026	9/1/2026			Yes
				Upper Chichester	No	Yes		2/11/2026	← Sampled	1/20/2026	N/A	7/29/2026	8/27/2026						Yes
				Upper Chichester	No	Asked to Return	Yes	3/3/2026	← Sampled	1/20/2026	N/A	8/6/2026	9/9/2026						Yes
Quarterly Sampling Program				Bethel	No	Asked to Return	Yes	1/15/2026	← Sampled	N/A	N/A	1/29/2026	5/7/2026	9/9/2026					Yes
				Bethel	No	Yes		5/13/2026	← Sampled	1/20/2026	N/A	8/5/2026							
				Bethel Township	No	Asked to Return	Yes	2/17/2026	← Sampled	1/20/2026	N/A	5/7/2026	8/18/2026						Yes
				Bethel Township	No	Yes		1/12/2026	← Sampled	N/A	N/A	4/16/2026	5/13/2026	8/18/2026					Yes
				Bethel Township	No					1/20/2026									
				Bethel	No	Yes		2/17/2026	← Sampled	1/20/2026	N/A	8/18/2026							Yes
				Upper Chichester	No	Yes		1/14/2026	← Sampled	N/A	N/A	7/29/2026							
				Upper Chichester	No			Declined		1/20/2026	Yes								
				Upper Chichester	No	Yes		1/21/2026	← Sampled	N/A	N/A	7/29/2026							Yes
				Upper Chichester	No					1/20/2026									
				Upper Chichester	No	Asked to Return	Yes	1/16/2026	← Sampled	N/A	N/A	7/29/2026							Yes
				Upper Chichester	No	Yes		1/21/2026	← Sampled	N/A	N/A	7/29/2026							
Semi-Annual Sampling Program				Upper Chichester	No	Yes		1/21/2026	← Sampled	N/A	N/A	7/29/2026							Yes
				Upper Chichester	No			Declined		1/20/2026	Yes								
				Upper Chichester	No					1/20/2026									
				Upper Chichester	No	Yes		1/8/2026	← Sampled	N/A	N/A	7/8/2026							Yes
				Upper Chichester	No	Yes		1/7/2026	← Sampled	N/A	N/A	5/19/2026							Yes
				Upper Chichester	No	Yes		1/13/2026	← Sampled	N/A	N/A	7/29/2026							Yes
				Bethel Township	No					1/20/2026									
				Bethel Township	No	Yes		1/21/2026	← Sampled	N/A	N/A	5/12/2026							Yes
				Bethel Township	No	Yes		1/28/2026	← Sampled	1/20/2026	N/A	8/6/2026							
				Bethel Township	No	Yes		1/12/2026	← Sampled	N/A	N/A								Yes
				Bethel Township	No	Yes		1/13/2026	← Sampled	N/A	N/A	5/7/2026							Yes
				Upper Chichester	No	Yes		1/9/2026	← Sampled	N/A	N/A	7/22/2026							Canceled
				Bethel Township	No	Yes		1/7/2026	← Sampled	N/A	N/A	7/29/2026							
				Bethel Township	No	Yes		1/12/2026	← Sampled	N/A	N/A	8/6/2026							Canceled
				Upper Chichester	No	Yes		1/15/2026	← Sampled	N/A	N/A	8/5/2026							
				Upper Chichester	No	Yes		1/14/2026	← Sampled	N/A	N/A	8/5/2026							Yes
				Upper Chichester	No	Yes		1/9/2026	← Sampled	N/A	N/A	7/7/2026							Yes
				Upper Chichester	No	Yes		1/15/2026	← Sampled	N/A	N/A	8/27/2026							
				Upper Chichester	No	Yes		1/14/2026	← Sampled	N/A	N/A	1/28/2026	3/10/2026	4/13/2026	6/29/2026	7/28/2026	8/18/2026		Yes
				Upper Chichester	No	Yes		1/28/2026	← Sampled	N/A	N/A	8/6/2026							
				Upper Chichester	No					1/20/2026									
				Upper Chichester	No	Yes		1/16/2026	← Sampled	N/A	N/A	8/5/2026							Yes
				Upper Chichester	No	Yes		1/9/2026	← Sampled	N/A	N/A	5/20/2026							Yes
				Total Count:	**46**	**33**	**8**	**40**	**0**	**14**	**3**	**39**	**16**	**13**	**11**	**9**	**7**	**3**	**28**

Notes:

List includes parcels located within 1,000 feet of the western site boundary that are not connected to the CWA public water system (PWS), per correspondence with CWA in December 2025, January 2026 and May 2026.

The above-listed properties were hand-delivered well survey questionnaires on December 31, 2025 and mailed questionnaires with SASE on December 10, 2025 or January 2, 2026.

The above-listed properties were offered bottled water during in-person visits on December 31, 2025 and via written letters mailed December 26, 2025 or January 2, 2026.

* - This property has two private wells. The newer, deeper well is the primary well that is used for water supply. The older well is unused and secondary. Both wells were sampled in January and May 2026.

Future dates in *italicized font* are tentative sampling appointment that are pending confirmation by owner or owner's representative.

Table 2
Summary of Private Well Results: June - August 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA 19014
Langan Project #220240201

Analyte	CAS Number	PADEP Residential Groundwater MSC Used Aquifer TDS <=2500 mg/l	PADEP Residential Vapor Intrusion Screening Values for Groundwater	U.S. EPA Maximum Contaminant Levels (MCLs) for Drinking Water	Sample ID:	REDACTED																											
					Lab Sample ID:																												
					Well Use/Area:	Non-Potable/Within AOI				Non-Potable/Within AOI				Non-Potable/Within AOI				Potable/Within AOI				Potable/Within AOI				Potable/Within AOI				Potable/Within AOI				Potable/Within AOI				Potable/Within AOI			
					Date Sampled:	08/06/2026				08/10/2026				08/10/2026				06/22/2026				06/22/2026				06/29/2026				07/30/2026				07/30/2026				08/27/2026			
					Matrix:	Drinking Water				Drinking Water				Drinking Water				Drinking Water				Drinking Water				Drinking Water				Drinking Water				Drinking Water				Drinking Water			
					Unit	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL
Volatile Organic Compounds																																			
1,2,4-Trimethylbenzene	95-63-6	130	510	NS	ug/l	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5
1,3,5-Trimethylbenzene	108-67-8	130	360	NS	ug/l	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5
Benzene	71-43-2	5	23	5	ug/l	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5
Ethylbenzene	100-41-4	700	700	700	ug/l	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5
Isopropylbenzene (Cumene)	98-82-8	840	1900	NS	ug/l	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5
M,P-Xylene	179601-23-1	NS	NS	NS	ug/l	ND	U	0.057	0.5	ND	U	0.057	0.5	ND	U	0.057	0.5	ND	U	0.057	0.1	ND	U	0.057	0.1	ND	U	0.057	0.5	ND	U	0.057	0.5	ND	U	0.057	0.5	ND	U	0.057	0.5
Naphthalene	91-20-3	100	100	NS	ug/l	ND	U	0.23	0.5	0.25	J	0.23	0.5	0.32	J	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5
o-Xylene	95-47-6	NS	NS	NS	ug/l	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	20	6300	NS	ug/l	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5
Toluene	108-88-3	1000	34000	1000	ug/l	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5
Total Xylenes	1330-20-7	10000	10000	10000	ug/l	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5

See notes on last page.

Table 2
Summary of Private Well Results: June - August 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA 19014
Langan Project #220240201

Analyte	CAS Number	PADEP Residential Groundwater MSC Used Aquifer TDS <=2500 mg/l	PADEP Residential Vapor Intrusion Screening Values for Groundwater	U.S. EPA Maximum Contaminant Levels (MCLs) for Drinking Water	Sample ID:	REDACTED																															
					Lab Sample ID:																																
					Well Use/Area:	Potable/Within AOI				Potable/Within AOI				Potable/Within AOI				Potable/Within AOI				Potable/Within AOI				Potable/Within AOI				Potable/Within AOI				Potable/Within AOI				Potable/Within AOI			
					Date Sampled:	06/23/2026				07/28/2026				07/28/2026				06/17/2026				06/17/2026				06/23/2026				08/05/2026				08/05/2026				07/29/2026			
					Matrix:	Drinking Water				Drinking Water				Drinking Water				Drinking Water				Drinking Water				Drinking Water				Drinking Water				Drinking Water				Drinking Water			
					Unit	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL
Volatile Organic Compounds																																							
1,2,4-Trimethylbenzene	95-63-6	130	510	NS	ug/l	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5
1,3,5-Trimethylbenzene	108-67-8	130	360	NS	ug/l	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5
Benzene	71-43-2	5	23	5	ug/l	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5
Ethylbenzene	100-41-4	700	700	700	ug/l	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5
Isopropylbenzene (Cumene)	98-82-8	840	1900	NS	ug/l	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5
M,P-Xylene	179601-23-1	NS	NS	NS	ug/l	ND	U	0.057	0.1	ND	U	0.057	0.5	ND	U	0.057	0.5	ND	U	0.057	0.1	ND	U	0.057	0.1	ND	U	0.057	0.1	ND	U	0.057	0.5	ND	U	0.057	0.5	ND	U	0.057	0.5
Naphthalene	91-20-3	100	100	NS	ug/l	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5
o-Xylene	95-47-6	NS	NS	NS	ug/l	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	20	6300	NS	ug/l	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5
Toluene	108-88-3	1000	34000	1000	ug/l	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5
Total Xylenes	1330-20-7	10000	10000	10000	ug/l	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5

See notes on last page.

Table 2
Summary of Private Well Results: June - August 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA 19014
Langan Project #220240201

Analyte	CAS Number	PADEP Residential Groundwater MSC Used Aquifer TDS <=2500 mg/l	PADEP Residential Vapor Intrusion Screening Values for Groundwater	U.S. EPA Maximum Contaminant Levels (MCLs) for Drinking Water	Sample ID:	REDACTED																															
					Lab Sample ID:																																
					Well Use/Area:	Potable/Within AOI				Potable/Within AOI				Potable/Within AOI				Potable/Within AOI				Potable/Within AOI				Potable/Within AOI				Potable/Within AOI				Potable/Within AOI			
					Date Sampled:	06/10/2026				06/10/2026				07/23/2026				07/23/2026				06/22/2026				08/05/2026				07/08/2026				07/22/2026				07/22/2026			
					Matrix:	Drinking Water				Drinking Water				Drinking Water				Drinking Water				Drinking Water				Drinking Water				Drinking Water				Drinking Water				Drinking Water			
					Unit	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL
Volatile Organic Compounds																																							
1,2,4-Trimethylbenzene	95-63-6	130	510	NS	ug/l	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5
1,3,5-Trimethylbenzene	108-67-8	130	360	NS	ug/l	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5
Benzene	71-43-2	5	23	5	ug/l	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5
Ethylbenzene	100-41-4	700	700	700	ug/l	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5
Isopropylbenzene (Cumene)	98-82-8	840	1900	NS	ug/l	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5
M,P-Xylene	179601-23-1	NS	NS	NS	ug/l	0.14	J	0.057	0.1	0.36	J	0.057	0.1	0.17	J	0.057	0.5	ND	U	0.057	0.5	ND	U	0.057	0.5	ND	U	0.057	0.5	ND	U	0.057	0.1	ND	U	0.057	0.5	ND	U	0.057	0.5
Naphthalene	91-20-3	100	100	NS	ug/l	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5
o-Xylene	95-47-6	NS	NS	NS	ug/l	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	20	6300	NS	ug/l	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5
Toluene	108-88-3	1000	34000	1000	ug/l	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5
Total Xylenes	1330-20-7	10000	10000	10000	ug/l	ND	U	0.5	0.5	ND	U	0.5	0.5	0.17	J	0.057	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5

See notes on last page.

Table 2
Summary of Private Well Results: June - August 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA 19014
Langan Project #220240201

Analyte	CAS Number	PADEP Residential Groundwater MSC Used Aquifer TDS <=2500 mg/l	PADEP Residential Vapor Intrusion Screening Values for Groundwater	U.S. EPA Maximum Contaminant Levels (MCLs) for Drinking Water	Sample ID:	REDACTED																													
					Lab Sample ID:																														
					Well Use/Area:	Potable/Within AOI				Potable/Within AOI				Potable/Within AOI				Potable/Within AOI				Potable/Within AOI				Potable/Within AOI				Potable/Within AOI				Potable/Within AOI				Potable/Within AOI			
					Date Sampled:	06/23/2026				08/05/2026				07/07/2026				07/07/2026				08/06/2026				06/29/2026				07/27/2026				07/27/2026				08/18/2026			
					Matrix:	Drinking Water				Drinking Water				Drinking Water				Drinking Water				Drinking Water				Drinking Water				Drinking Water				Drinking Water				Drinking Water			
					Unit	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL
Volatile Organic Compounds																																			
1,2,4-Trimethylbenzene	95-63-6	130	510	NS	ug/l	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5
1,3,5-Trimethylbenzene	108-67-8	130	360	NS	ug/l	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5
Benzene	71-43-2	5	23	5	ug/l	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5
Ethylbenzene	100-41-4	700	700	700	ug/l	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5
Isopropylbenzene (Cumene)	98-82-8	840	1900	NS	ug/l	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5
M,P-Xylene	179601-23-1	NS	NS	NS	ug/l	ND	U	0.057	0.1	ND	U	0.057	0.5	ND	U	0.057	0.1	ND	U	0.057	0.1	ND	U	0.057	0.5	0.21	J	0.057	0.5	0.23	J	0.057	0.5	0.18	J	0.057	0.5	ND	U	0.057	0.5
Naphthalene	91-20-3	100	100	NS	ug/l	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5
o-Xylene	95-47-6	NS	NS	NS	ug/l	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	20	6300	NS	ug/l	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5
Toluene	108-88-3	1000	34000	1000	ug/l	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5
Total Xylenes	1330-20-7	10000	10000	10000	ug/l	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5

See notes on last page.

Table 2
Summary of Private Well Results: June - August 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA 19014
Langan Project #220240201

REDACTED

Analyte	CAS Number	PADEP Residential Groundwater MSC Used Aquifer TDS <=2500 mg/l	PADEP Residential Vapor Intrusion Screening Values for Groundwater	U.S. EPA Maximum Contaminant Levels (MCLs) for Drinking Water	Sample ID:																													
					Lab Sample ID:																													
					Well Use/Area:	Potable/Within AOI				Potable/Within AOI				Potable/Within AOI				Potable/Within AOI				Potable/Within AOI				Potable/Within AOI				Potable/Within AOI				Potable/Within AOI				Potable/Within AOI			
					Date Sampled:	08/18/2026				07/29/2026				06/22/2026				08/05/2026				06/29/2026				08/18/2026				08/18/2026				08/05/2026				07/29/2026			
					Matrix:	Drinking Water				Drinking Water				Drinking Water				Drinking Water				Drinking Water				Drinking Water				Drinking Water				Drinking Water				Drinking Water			
					Unit	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL
Volatile Organic Compounds																																									
1,2,4-Trimethylbenzene	95-63-6	130	510	NS	ug/l	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5
1,3,5-Trimethylbenzene	108-67-8	130	360	NS	ug/l	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5
Benzene	71-43-2	5	23	5	ug/l	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5
Ethylbenzene	100-41-4	700	700	700	ug/l	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5
Isopropylbenzene (Cumene)	98-82-8	840	1900	NS	ug/l	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5
M,P-Xylene	179601-23-1	NS	NS	NS	ug/l	ND	U	0.057	0.5	ND	U	0.057	0.5	ND	U	0.057	0.1	ND	U	0.057	0.5	ND	U	0.057	0.5	ND	U	0.057	0.5	ND	U	0.057	0.5	ND	U	0.057	0.5	ND	U	0.057	0.5
Naphthalene	91-20-3	100	100	NS	ug/l	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5
o-Xylene	95-47-6	NS	NS	NS	ug/l	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	20	6300	NS	ug/l	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5
Toluene	108-88-3	1000	34000	1000	ug/l	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5
Total Xylenes	1330-20-7	10000	10000	10000	ug/l	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5

See notes on last page.

Table 2
Summary of Private Well Results: June - August 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA 19014
Langan Project #220240201

Analyte	CAS Number	PADEP Residential Groundwater MSC Used Aquifer TDS <=2500 mg/l	PADEP Residential Vapor Intrusion Screening Values for Groundwater	U.S. EPA Maximum Contaminant Levels (MCLs) for Drinking Water	Sample ID:	REDACTED																													
					Lab Sample ID:																														
					Well Use/Area:	Potable/Within AOI				Potable/Within AOI				Potable/Within AOI				Potable/Within AOI				Potable/Within AOI				Potable/Within AOI				Potable/Within AOI				Potable/Within AOI				Potable/Within AOI			
					Date Sampled:	08/27/2026				08/05/2026				08/05/2026				07/29/2026				07/29/2026				07/29/2026				07/29/2026				08/06/2026				08/06/2026			
					Matrix:	Drinking Water				Drinking Water				Drinking Water				Drinking Water				Drinking Water				Drinking Water				Drinking Water				Drinking Water				Drinking Water			
					Unit	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL
Volatile Organic Compounds																																			
1,2,4-Trimethylbenzene	95-63-6	130	510	NS	ug/l	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5
1,3,5-Trimethylbenzene	108-67-8	130	360	NS	ug/l	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5
Benzene	71-43-2	5	23	5	ug/l	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5
Ethylbenzene	100-41-4	700	700	700	ug/l	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5
Isopropylbenzene (Cumene)	98-82-8	840	1900	NS	ug/l	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5
M,P-Xylene	179601-23-1	NS	NS	NS	ug/l	ND	U	0.057	0.5	ND	U	0.057	0.5	ND	U	0.057	0.5	ND	U	0.057	0.5	ND	U	0.057	0.5	ND	U	0.057	0.5	ND	U	0.057	0.5	ND	U	0.057	0.5	ND	U	0.057	0.5
Naphthalene	91-20-3	100	100	NS	ug/l	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5
o-Xylene	95-47-6	NS	NS	NS	ug/l	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	20	6300	NS	ug/l	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5
Toluene	108-88-3	1000	34000	1000	ug/l	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5
Total Xylenes	1330-20-7	10000	10000	10000	ug/l	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5

See notes on last page.

Table 2
Summary of Private Well Results: June - August 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA 19014
Langan Project #220240201

Analyte	CAS Number	PADEP Residential Groundwater MSC Used Aquifer TDS <=2500 mg/l	PADEP Residential Vapor Intrusion Screening Values for Groundwater	U.S. EPA Maximum Contaminant Levels (MCLs) for Drinking Water	Sample ID:	REDACTED																											
					Lab Sample ID:																												
					Well Use/Area:	Potable/Within AOI				Potable/Within AOI				Potable/Within AOI				Potable/Within AOI				Potable/Within AOI				Potable/Within AOI				Potable/Within AOI			
					Date Sampled:	07/29/2026				08/27/2026				08/27/2026				08/18/2026				08/18/2026				08/06/2026				08/06/2026				08/05/2026			
					Matrix:	Drinking Water				Drinking Water				Drinking Water				Drinking Water				Drinking Water				Drinking Water				Drinking Water				Drinking Water			
					Unit	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL
Volatile Organic Compounds																																			
1,2,4-Trimethylbenzene	95-63-6	130	510	NS	ug/l	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5
1,3,5-Trimethylbenzene	108-67-8	130	360	NS	ug/l	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5
Benzene	71-43-2	5	23	5	ug/l	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5
Ethylbenzene	100-41-4	700	700	700	ug/l	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5
Isopropylbenzene (Cumene)	98-82-8	840	1900	NS	ug/l	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5
M,P-Xylene	179601-23-1	NS	NS	NS	ug/l	0.090	J	0.057	0.5	ND	U	0.057	0.5	ND	U	0.057	0.5	ND	U	0.057	0.5	ND	U	0.057	0.5	0.76		0.057	0.5	0.63		0.057	0.5	ND	U	0.057	0.5
Naphthalene	91-20-3	100	100	NS	ug/l	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5
o-Xylene	95-47-6	NS	NS	NS	ug/l	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5	0.37	J	0.22	0.5	0.28	J	0.22	0.5	ND	U	0.22	0.5
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	20	6300	NS	ug/l	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5
Toluene	108-88-3	1000	34000	1000	ug/l	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5	0.53		0.28	0.5	0.44	J	0.28	0.5	ND	U	0.28	0.5
Total Xylenes	1330-20-7	10000	10000	10000	ug/l	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5	1.1		0.5	0.5	0.91		0.5	0.5	ND	U	0.5	0.5

See notes on last page.

Table 2
Summary of Private Well Results: June - August 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA 19014
Langan Project #220240201

Analyte	CAS Number	PADEP Residential Groundwater MSC Used Aquifer TDS <=2500 mg/l	PADEP Residential Vapor Intrusion Screening Values for Groundwater	U.S. EPA Maximum Contaminant Levels (MCLs) for Drinking Water	Sample ID:	REDACTED																															
					Lab Sample ID:																																
					Date Sampled:	06/10/2026				06/10/2026				06/16/2026				06/17/2026				06/22/2026				06/22/2026				06/23/2026				06/23/2026				06/29/2026			
					Matrix:	TRIP BLANK				FIELD BLANK				TRIP BLANK				FIELD BLANK				TRIP BLANK				FIELD BLANK				TRIP BLANK				FIELD BLANK				TRIP BLANK			
					Unit	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL
01_VOCs																																							
1,2,4-Trimethylbenzene	95-63-6	130	510	NS	ug/l	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5
1,3,5-Trimethylbenzene	108-67-8	130	360	NS	ug/l	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5
Benzene	71-43-2	5	23	5	ug/l	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5
Ethylbenzene	100-41-4	700	700	700	ug/l	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5
Isopropylbenzene (Cumene)	98-82-8	840	1900	NS	ug/l	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5
M,P-Xylene	179601-23-1	NS	NS	NS	ug/l	ND	U	0.057	0.1	ND	U	0.057	0.1	ND	U	0.057	0.1	ND	U	0.057	0.1	ND	U	0.057	0.5	ND	U	0.057	0.5	ND	U	0.057	0.1	ND	U	0.057	0.1	ND	U	0.057	0.5
Naphthalene	91-20-3	100	100	NS	ug/l	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5
o-Xylene	95-47-6	NS	NS	NS	ug/l	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	20	6300	NS	ug/l	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5
Toluene	108-88-3	1000	34000	1000	ug/l	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5
Total Xylenes	1330-20-7	10000	10000	10000	ug/l	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5

See notes on last page.

Table 2
Summary of Private Well Results: June - August 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA 19014
Langan Project #220240201

REDACTED

Analyte	CAS Number	PADEP Residential Groundwater MSC Used Aquifer TDS <=2500 mg/l	PADEP Residential Vapor Intrusion Screening Values for Groundwater	U.S. EPA Maximum Contaminant Levels (MCLs) for Drinking Water	Sample ID:																													
					Lab Sample ID:																													
					Date Sampled:	06/29/2026				07/07/2026				07/07/2026				07/08/2026				07/08/2026				07/22/2026				07/22/2026				07/23/2026				07/23/2026			
					Matrix:	FIELD BLANK				TRIP BLANK				FIELD BLANK				TRIP BLANK				FIELD BLANK				TRIP BLANK				FIELD BLANK				TRIP BLANK				FIELD BLANK			
					Unit	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL
01_VOCs																																									
1,2,4-Trimethylbenzene	95-63-6	130	510	NS	ug/l	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5
1,3,5-Trimethylbenzene	108-67-8	130	360	NS	ug/l	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5
Benzene	71-43-2	5	23	5	ug/l	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5
Ethylbenzene	100-41-4	700	700	700	ug/l	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5
Isopropylbenzene (Cumene)	98-82-8	840	1900	NS	ug/l	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5
M,P-Xylene	179601-23-1	NS	NS	NS	ug/l	ND	U	0.057	0.5	ND	U	0.057	0.1	ND	U	0.057	0.1	ND	U	0.057	0.1	ND	U	0.057	0.1	ND	U	0.057	0.5	ND	U	0.057	0.5	ND	U	0.057	0.5	ND	U	0.057	0.5
Naphthalene	91-20-3	100	100	NS	ug/l	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5
o-Xylene	95-47-6	NS	NS	NS	ug/l	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	20	6300	NS	ug/l	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5
Toluene	108-88-3	1000	34000	1000	ug/l	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5
Total Xylenes	1330-20-7	10000	10000	10000	ug/l	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5

See notes on last page.

Table 2
Summary of Private Well Results: June - August 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA 19014
Langan Project #220240201

REDACTED

Analyte	CAS Number	PADEP Residential Groundwater MSC Used Aquifer TDS <=2500 mg/l	PADEP Residential Vapor Intrusion Screening Values for Groundwater	U.S. EPA Maximum Contaminant Levels (MCLs) for Drinking Water	Sample ID:																													
					Lab Sample ID:																													
					Date Sampled:	07/27/2026				07/27/2026				07/28/2026				07/28/2026				07/29/2026				07/29/2026				07/29/2026				07/30/2026				07/30/2026			
					Matrix:	TRIP BLANK				FIELD BLANK				TRIP BLANK				FIELD BLANK				TRIP BLANK				TRIP BLANK				FIELD BLANK				TRIP BLANK				FIELD BLANK			
					Unit	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL
01_VOCs																																							
1,2,4-Trimethylbenzene	95-63-6	130	510	NS	ug/l	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5
1,3,5-Trimethylbenzene	108-67-8	130	360	NS	ug/l	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5
Benzene	71-43-2	5	23	5	ug/l	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5
Ethylbenzene	100-41-4	700	700	700	ug/l	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5
Isopropylbenzene (Cumene)	98-82-8	840	1900	NS	ug/l	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5
M,P-Xylene	179601-23-1	NS	NS	NS	ug/l	ND	U	0.057	0.5	ND	U	0.057	0.5	ND	U	0.057	0.5	ND	U	0.057	0.5	ND	U	0.057	0.5	ND	U	0.057	0.5	ND	U	0.057	0.5	ND	U	0.057	0.5	ND	U	0.057	0.5
Naphthalene	91-20-3	100	100	NS	ug/l	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5
o-Xylene	95-47-6	NS	NS	NS	ug/l	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	20	6300	NS	ug/l	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5
Toluene	108-88-3	1000	34000	1000	ug/l	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5
Total Xylenes	1330-20-7	10000	10000	10000	ug/l	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5

See notes on last page.

Table 2
Summary of Private Well Results: June - August 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA 19014
Langan Project #220240201

Analyte	CAS Number	PADEP Residential Groundwater MSC Used Aquifer TDS <=2500 mg/l	PADEP Residential Vapor Intrusion Screening Values for Groundwater	U.S. EPA Maximum Contaminant Levels (MCLs) for Drinking Water	Sample ID:	REDACTED																															
					Lab Sample ID:																																
					Date Sampled:	08/03/2026				08/05/2026				08/05/2026				08/06/2026				08/10/2026				08/10/2026				08/17/2026				08/18/2026				08/27/2026			
					Matrix:	TRIP BLANK				TRIP BLANK				FIELD BLANK				FIELD BLANK				TRIP BLANK				FIELD BLANK				TRIP BLANK				FIELD BLANK				TRIP BLANK			
					Unit	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL
01_VOCs																																							
1,2,4-Trimethylbenzene	95-63-6	130	510	NS	ug/l	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5
1,3,5-Trimethylbenzene	108-67-8	130	360	NS	ug/l	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5	ND	U	0.2	0.5
Benzene	71-43-2	5	23	5	ug/l	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5
Ethylbenzene	100-41-4	700	700	700	ug/l	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5	ND	U	0.21	0.5
Isopropylbenzene (Cumene)	98-82-8	840	1900	NS	ug/l	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5	ND	U	0.19	0.5
M,P-Xylene	179601-23-1	NS	NS	NS	ug/l	ND	U	0.057	0.5	ND	U	0.057	0.5	ND	U	0.057	0.5	ND	U	0.057	0.5	ND	U	0.057	0.5	ND	U	0.057	0.5	ND	U	0.057	0.5	ND	U	0.057	0.5	ND	U	0.057	0.5
Naphthalene	91-20-3	100	100	NS	ug/l	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5	ND	U	0.23	0.5
o-Xylene	95-47-6	NS	NS	NS	ug/l	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5	ND	U	0.22	0.5
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	20	6300	NS	ug/l	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5	ND	U	0.12	0.5
Toluene	108-88-3	1000	34000	1000	ug/l	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5	ND	U	0.28	0.5
Total Xylenes	1330-20-7	10000	10000	10000	ug/l	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5	ND	U	0.5	0.5

See notes on last page.

Table 2
Summary of Drinking Water Results: June - August 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA 19014
Langan Project #220240201

Notes:
USEPA - United States Environmental Protection Agency
PADEP - Pennsylvania Department of Environmental Protection
MSC - Medium-Specific Concentration (i.e., Act 2 cleanup standards, as published in 25 Pa. Code Chapter 250, last revised November 2021)
TDS - Total Dissolved Solids
VI - Vapor Intrusion
AOI - Area of Interest (1,000 feet from western MIPC facility boundary, as stipulated in PADEP Order)
CAS - Chemical Abstract Service
NS - No standard
ug/l - Micrograms per liter
ND - Not detected
NA - Not analyzed
Q - Qualifier
MDL - Method detection limit
RL - Reporting Limit
DF - Dilution factor

Qualifiers:
J – The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
U – The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

Table 3

Potable Well Gauging and Wellhead Field Screening: June to August 2026
MIPC, LLC Chelsea Tank Farm
920 Cherry Tree Rd, Aston, PA 19014
Langan Project No. 220240201

	Well ID:	REDACTED						
	Well Use/Location:	Potable/Within AOI	Potable/Within AOI	Potable/Within AOI	Potable/Within AOI	Potable/Within AOI	Potable/Within AOI	Potable/Within AOI
	Property Address:	REDACTED						
	Date Sampled:	6/23/2026	6/22/2026	8/5/2026	6/23/2026	8/5/2026	6/22/2026	8/5/2026
Measurement	**Unit**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
PID	ppm	0.00	0.10	0.00	0.00	0.00	0.10	0.00
DTP	ft btoc	None	None	None	None	None	None	None
DTW	ft btoc	30.00	31.83	32.38	25.02	26.3	20.83	21.72

Notes:

Private wells were opened and closed by a PA-licensed well driller under Langan observation.

Per PADEP (Simon Mullen, Project Officer) during the meeting among MIPC, Langan, and PADEP on January 7, 2026 the Department reconsidered and is amenable to limiting the initial wellhead screening and gauging requirement to only those properties closest to the facility (immediately west of the Site, east of Chichester Avenue and south of Concord Road).

Wells are opened for gauging and screening if they are accessible and in satisfactory condition (e.g., not rusted shut) and with the approval of the property owner.

AOI - Order-stipulated area of interest (i.e., 1,000 feet from western site boundary).
ppm - Parts Per Million
ft btoc - feet below top of casing
PID - Photoionization Detector
DTP - Depth to Product (no product was detected using a decontaminated interface probe in any of the gauged private wells)
DTW - Depth to Water

Table 4
Soil Sample Results Summary: June to August 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project No.: 220240201

Analyte	CAS Number	PADEP Residential Direct Contact Soil MSC (0-15 Ft)	PADEP Residential Soil to Groundwater MSC Used Aquifer	PADEP Residential SHS VI Screening Values for Soil	Location	SB_MW-F2					SB_MW-F2					SB_MW-F3					SB_VMP-F					SB_VMP-F				
					Sample Name	SB_MW-F2_1					SB_MW-F2_4					SB_MW-F3_1					SB_VMP-F_1.5					SB_VMP-F_7.5				
					Sample Date	06/29/2026					06/29/2026					06/29/2026					06/29/2026					07/07/2026				
					Depth (' bgs)	1-1.5					4-4.5					1-1.5					1.5-2					7.5-8				
					Saturation	Unsaturated					Unsaturated					Unsaturated					Unsaturated					Unsaturated				
					Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds																													
1,2,4-Trimethylbenzene	95-63-6	1100	73	73	mg/kg	ND	U	0.00053	0.0021	1	ND	U	0.0005	0.002	1	ND	U	0.0005	0.002	1	ND	U	0.00051	0.002	1	ND	U	0.00068	0.0027	1
1,3,5-Trimethylbenzene	108-67-8	1100	23	23	mg/kg	ND	U	0.00046	0.0021	1	ND	U	0.00043	0.002	1	ND	U	0.00043	0.002	1	ND	U	0.00044	0.002	1	ND	U	0.00058	0.0027	1
Benzene	71-43-2	57	0.5	0.13	mg/kg	ND	U	0.00048	0.00053	1	ND	U	0.00045	0.0005	1	ND	U	0.00045	0.0005	1	ND	U	0.00046	0.00051	1	ND	U	0.00062	0.00068	1
Ethylbenzene	100-41-4	180	70	46	mg/kg	ND	U	0.00048	0.0011	1	ND	U	0.00045	0.00099	1	ND	U	0.00045	0.001	1	ND	U	0.00046	0.001	1	ND	U	0.00061	0.0014	1
Isopropylbenzene (Cumene)	98-82-8	7600	600	600	mg/kg	ND	U	0.0015	0.0021	1	ND	U	0.0014	0.002	1	ND	U	0.0014	0.002	1	ND	U	0.0014	0.002	1	ND	U	0.0019	0.0027	1
Naphthalene	91-20-3	13	25	25	mg/kg	ND	U	0.0027	0.0053	1	ND	U	0.0025	0.005	1	ND	U	0.0025	0.005	1	ND	U	0.0025	0.0051	1	ND	U	0.0034	0.0068	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	1700	2	0.28	mg/kg	ND	U	0.0005	0.0011	1	ND	U	0.00046	0.00099	1	ND	U	0.00047	0.001	1	ND	U	0.00048	0.001	1	ND	U	0.00064	0.0014	1
Toluene	108-88-3	10000	100	44	mg/kg	ND	U	0.00056	0.0011	1	ND	U	0.00052	0.00099	1	ND	U	0.00052	0.001	1	ND	U	0.00053	0.001	1	ND	U	0.00071	0.0014	1
Total Xylenes	1330-20-7	1900	1000	990	mg/kg	ND	U	0.00049	0.0011	1	ND	U	0.00045	0.00099	1	ND	U	0.00046	0.001	1	ND	U	0.00046	0.001	1	ND	U	0.00062	0.0014	1
General Chemistry																													
Solids, Percent	SOLID	NS	NS	NS	Percent	79.8		0	0	1	81.4		0	0	1	80.7		0	0	1	85		0	0	1	72.4		0	0	1

See notes on last page.

Table 4
Soil Sample Results Summary: June to August 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project No.: 220240201

Analyte	CAS Number	PADEP Residential Direct Contact Soil MSC (0-15 Ft)	PADEP Residential Soil to Groundwater MSC Used Aquifer	PADEP Residential SHS VI Screening Values for Soil	Location	SB-F1					SB-F1					REDACTED					SB-MW-C4					SB-MW-C4				
					Sample Name	SB-F1_1.5					SB-F1_10										SB-MW-C4_2					SB-MW-C4_18.5				
					Sample Date	06/29/2026					07/09/2026					08/25/2026					07/30/2026					07/31/2026				
					Depth (' bgs)	1.5-2					10-10.5					20-20.5					2-2.5					18.5-19				
					Saturation	Unsaturated					Unsaturated					Unsaturated					Unsaturated					Unsaturated				
					Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds																													
1,2,4-Trimethylbenzene	95-63-6	1100	73	73	mg/kg	ND	U	0.00053	0.0021	1	0.0022		0.00052	0.0021	1	ND	U	0.00055	0.0022	1	ND	U	0.00063	0.0025	1	ND	U	0.00058	0.0023	1
1,3,5-Trimethylbenzene	108-67-8	1100	23	23	mg/kg	ND	U	0.00045	0.0021	1	0.0007	J	0.00044	0.0021	1	ND	U	0.00048	0.0022	1	ND	U	0.00054	0.0025	1	ND	U	0.0005	0.0023	1
Benzene	71-43-2	57	0.5	0.13	mg/kg	ND	U	0.00048	0.00053	1	0.0672		0.00047	0.00052	1	ND	U	0.0005	0.00055	1	ND	U	0.00057	0.00063	1	ND	U	0.00053	0.00058	1
Ethylbenzene	100-41-4	180	70	46	mg/kg	ND	U	0.00048	0.0011	1	0.0046		0.00047	0.001	1	ND	U	0.0005	0.0011	1	ND	U	0.00057	0.0013	1	ND	U	0.00053	0.0012	1
Isopropylbenzene (Cumene)	98-82-8	7600	600	600	mg/kg	ND	U	0.0015	0.0021	1	ND	U	0.0015	0.0021	1	ND	U	0.0016	0.0022	1	ND	U	0.0018	0.0025	1	ND	U	0.0016	0.0023	1
Naphthalene	91-20-3	13	25	25	mg/kg	ND	U	0.0026	0.0053	1	ND	U	0.0026	0.0052	1	ND	U	0.0028	0.0055	1	ND	U	0.0031	0.0063	1	ND	U	0.0029	0.0058	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	1700	2	0.28	mg/kg	ND	U	0.00049	0.0011	1	0.001		0.00048	0.001	1	ND	U	0.00052	0.0011	1	ND	U	0.00059	0.0013	1	ND	U	0.00054	0.0012	1
Toluene	108-88-3	10000	100	44	mg/kg	ND	U	0.00055	0.0011	1	0.0724		0.00054	0.001	1	ND	U	0.00058	0.0011	1	ND	U	0.00066	0.0013	1	ND	U	0.00061	0.0012	1
Total Xylenes	1330-20-7	1900	1000	990	mg/kg	ND	U	0.00048	0.0011	1	0.0257		0.00047	0.001	1	ND	U	0.00051	0.0011	1	ND	U	0.00058	0.0013	1	ND	U	0.00053	0.0012	1
General Chemistry																													
Solids, Percent	SOLID	NS	NS	NS	Percent	80.5		0	0	1	74.6		0	0	1	75.4		0	0	1	86.3		0	0	1	75.5		0	0	1

See notes on last page.

Table 4
Soil Sample Results Summary: June to August 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project No.: 220240201

Analyte	CAS Number	PADEP Residential Direct Contact Soil MSC (0-15 Ft)	PADEP Residential Soil to Groundwater MSC Used Aquifer	PADEP Residential SHS VI Screening Values for Soil	Location	SB-MW-C5					SB-MW-C5					SB-MW-F1					SB-MW-F1					SB-MW-F3				
					Sample Name	SB-MW-C5_2					SB-MW-C5_15.5					SB-MW-F1_1.5					SB-MW-F1_10					SB-MW-F3_12.5				
					Sample Date	07/30/2026					08/04/2026					07/13/2026					07/14/2026					07/01/2026				
					Depth (' bgs)	2-2.5					15.5-16					1.5-2					10-10.5					12.5-13				
					Saturation	Unsaturated					Unsaturated					Unsaturated					Unsaturated					Unsaturated				
					Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds																													
1,2,4-Trimethylbenzene	95-63-6	1100	73	73	mg/kg	ND	U	0.00056	0.0022	1	ND	U	0.00058	0.0023	1	ND	U	0.00051	0.002	1	ND	U	0.0005	0.002	1	29.7		0.66	2.6	1
1,3,5-Trimethylbenzene	108-67-8	1100	23	23	mg/kg	ND	U	0.00048	0.0022	1	ND	U	0.0005	0.0023	1	ND	U	0.00044	0.002	1	ND	U	0.00043	0.002	1	9.2		0.057	0.26	1
Benzene	71-43-2	57	0.5	0.13	mg/kg	ND	U	0.00051	0.00056	1	ND	U	0.00053	0.00058	1	ND	U	0.00046	0.00051	1	ND	U	0.00046	0.0005	1	**8.7**		0.06	0.066	1
Ethylbenzene	100-41-4	180	70	46	mg/kg	ND	U	0.00051	0.0011	1	ND	U	0.00053	0.0012	1	ND	U	0.00046	0.001	1	ND	U	0.00046	0.001	1	15.3		0.06	0.13	1
Isopropylbenzene (Cumene)	98-82-8	7600	600	600	mg/kg	ND	U	0.0016	0.0022	1	ND	U	0.0016	0.0023	1	ND	U	0.0014	0.002	1	ND	U	0.0014	0.002	1	1.52		0.19	0.26	1
Naphthalene	91-20-3	13	25	25	mg/kg	ND	U	0.0028	0.0056	1	ND	U	0.0029	0.0058	1	ND	U	0.0025	0.0051	1	ND	U	0.0025	0.005	1	1.85		0.33	0.66	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	1700	2	0.28	mg/kg	ND	U	0.00053	0.0011	1	ND	U	0.00054	0.0012	1	ND	U	0.00047	0.001	1	ND	U	0.00047	0.001	1	ND	U	0.062	0.13	1
Toluene	108-88-3	10000	100	44	mg/kg	ND	U	0.00059	0.0011	1	ND	U	0.00061	0.0012	1	ND	U	0.00053	0.001	1	ND	U	0.00053	0.001	1	58.8		0.69	1.3	1
Total Xylenes	1330-20-7	1900	1000	990	mg/kg	ND	U	0.00051	0.0011	1	ND	U	0.00053	0.0012	1	ND	U	0.00046	0.001	1	ND	U	0.00046	0.001	1	99.2		0.6	1.3	1
General Chemistry																													
Solids, Percent	SOLID	NS	NS	NS	Percent	84		0	0	1	74.3		0	0	1	83.7		0	0	1	78.7		0	0	1	71.8		0	0	1

See notes on last page.

Table 4
Soil Sample Results Summary: June to August 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project No.: 220240201

Analyte	CAS Number	PADEP Residential Direct Contact Soil MSC (0-15 Ft)	PADEP Residential Soil to Groundwater MSC Used Aquifer	PADEP Residential SHS VI Screening Values for Soil	Location	SB-MW-J1					SB-MW-J1					SB-MW-J2					SB-MW-J2					SB-MW-J3				
					Sample Name	SB-MW-J1_1					SB-MW-J1_13					SB-MW-J2_1					SB-MW-J2_17.5					SB-MW-J3_1				
					Sample Date	07/16/2026					07/23/2026					07/16/2026					07/22/2026					07/16/2026				
					Depth (' bgs)	1-1.5					13-13.5					1-1.5					17.5-18					1-1.5				
					Saturation	Unsaturated					Unsaturated					Unsaturated					Unsaturated					Unsaturated				
					Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds																													
1,2,4-Trimethylbenzene	95-63-6	1100	73	73	mg/kg	ND	U	0.00056	0.0022	1	2.46		0.068	0.27	1	ND	U	0.00064	0.0026	1	ND	U	0.00076	0.003	1	ND	U	0.00054	0.0022	1
1,3,5-Trimethylbenzene	108-67-8	1100	23	23	mg/kg	ND	U	0.00048	0.0022	1	0.755		0.059	0.27	1	ND	U	0.00055	0.0026	1	ND	U	0.00065	0.003	1	ND	U	0.00046	0.0022	1
Benzene	71-43-2	57	0.5	0.13	mg/kg	ND	U	0.00051	0.00056	1	0.333		0.062	0.068	1	ND	U	0.00058	0.00064	1	ND	U	0.00069	0.00076	1	ND	U	0.00049	0.00054	1
Ethylbenzene	100-41-4	180	70	46	mg/kg	ND	U	0.00051	0.0011	1	1.52		0.062	0.14	1	ND	U	0.00058	0.0013	1	ND	U	0.00069	0.0015	1	ND	U	0.00049	0.0011	1
Isopropylbenzene (Cumene)	98-82-8	7600	600	600	mg/kg	ND	U	0.0016	0.0022	1	ND	U	0.19	0.27	1	ND	U	0.0018	0.0026	1	ND	U	0.0022	0.003	1	ND	U	0.0015	0.0022	1
Naphthalene	91-20-3	13	25	25	mg/kg	ND	U	0.0028	0.0056	1	ND	U	0.34	0.68	1	ND	U	0.0032	0.0064	1	ND	U	0.0038	0.0076	1	ND	U	0.0027	0.0054	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	1700	2	0.28	mg/kg	ND	U	0.00053	0.0011	1	ND	U	0.064	0.14	1	ND	U	0.0006	0.0013	1	ND	U	0.00071	0.0015	1	ND	U	0.00051	0.0011	1
Toluene	108-88-3	10000	100	44	mg/kg	ND	U	0.00059	0.0011	1	5.05		0.072	0.14	1	ND	U	0.00067	0.0013	1	ND	U	0.00079	0.0015	1	ND	U	0.00057	0.0011	1
Total Xylenes	1330-20-7	1900	1000	990	mg/kg	ND	U	0.00051	0.0011	1	9.14		0.063	0.14	1	ND	U	0.00059	0.0013	1	ND	U	0.00069	0.0015	1	ND	U	0.00049	0.0011	1
General Chemistry																													
Solids, Percent	SOLID	NS	NS	NS	Percent	79.7		0	0	1	69.3		0	0	1	79.8		0	0	1	62.3		0	0	1	82.8		0	0	1

See notes on last page.

Table 4
Soil Sample Results Summary: June to August 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project No.: 220240201

Analyte	CAS Number	PADEP Residential Direct Contact Soil MSC (0-15 Ft)	PADEP Residential Soil to Groundwater MSC Used Aquifer	PADEP Residential SHS VI Screening Values for Soil	Location	SB-MW-J3					SB-MW-N1					SB-MW-N1A					SB-MW-N2					SB-MW-N2				
					Sample Name	SB-MW-J3_17.5					SB-MW-N1_1.5					SB-MW-N1A_1.5					SB-MW-N2_2					SB-MW-N2_17.5				
					Sample Date	07/20/2026					08/10/2026					08/10/2026					08/10/2026					08/11/2026				
					Depth (' bgs)	17.5-18					1.5-2					1.5-2					2-2.5					17.5-18				
					Saturation	Unsaturated					Unsaturated					Unsaturated					Unsaturated					Unsaturated				
					Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds																													
1,2,4-Trimethylbenzene	95-63-6	1100	73	73	mg/kg	ND	U	0.0006	0.0024	1	ND	U	0.00063	0.0025	1	ND	U	0.00051	0.002	1	ND	U	0.00056	0.0022	1	ND	U	0.00058	0.0023	1
1,3,5-Trimethylbenzene	108-67-8	1100	23	23	mg/kg	ND	U	0.00052	0.0024	1	ND	U	0.00055	0.0025	1	ND	U	0.00044	0.002	1	ND	U	0.00048	0.0022	1	ND	U	0.0005	0.0023	1
Benzene	71-43-2	57	0.5	0.13	mg/kg	ND	U	0.00055	0.0006	1	ND	U	0.00058	0.00063	1	ND	U	0.00047	0.00051	1	ND	U	0.00051	0.00056	1	ND	U	0.00052	0.00058	1
Ethylbenzene	100-41-4	180	70	46	mg/kg	ND	U	0.00054	0.0012	1	ND	U	0.00057	0.0013	1	ND	U	0.00046	0.001	1	ND	U	0.00051	0.0011	1	ND	U	0.00052	0.0012	1
Isopropylbenzene (Cumene)	98-82-8	7600	600	600	mg/kg	ND	U	0.0017	0.0024	1	ND	U	0.0018	0.0025	1	ND	U	0.0015	0.002	1	ND	U	0.0016	0.0022	1	ND	U	0.0016	0.0023	1
Naphthalene	91-20-3	13	25	25	mg/kg	ND	U	0.003	0.006	1	ND	U	0.0032	0.0063	1	ND	U	0.0026	0.0051	1	ND	U	0.0028	0.0056	1	ND	U	0.0029	0.0058	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	1700	2	0.28	mg/kg	ND	U	0.00056	0.0012	1	ND	U	0.00059	0.0013	1	ND	U	0.00048	0.001	1	ND	U	0.00052	0.0011	1	ND	U	0.00054	0.0012	1
Toluene	108-88-3	10000	100	44	mg/kg	ND	U	0.00063	0.0012	1	ND	U	0.00066	0.0013	1	ND	U	0.00054	0.001	1	ND	U	0.00059	0.0011	1	ND	U	0.00061	0.0012	1
Total Xylenes	1330-20-7	1900	1000	990	mg/kg	ND	U	0.00055	0.0012	1	ND	U	0.00058	0.0013	1	ND	U	0.00047	0.001	1	ND	U	0.00051	0.0011	1	ND	U	0.00053	0.0012	1
General Chemistry																													
Solids, Percent	SOLID	NS	NS	NS	Percent	71.7		0	0	1	87.8		0	0	1	81.5		0	0	1	78.4		0	0	1	74.8		0	0	1

See notes on last page.

Table 4
Soil Sample Results Summary: June to August 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project No.: 220240201

Analyte	CAS Number	PADEP Residential Direct Contact Soil MSC (0-15 Ft)	PADEP Residential Soil to Groundwater MSC Used Aquifer	PADEP Residential SHS VI Screening Values for Soil	Location	SB-MW-N3					SB-MW-N3					SB-VMP-C					SB-VMP-C					SB-VMP-J				
					Sample Name	SB-MW-N3_2					SB-MW-N3_20					SB-VMP-C_1.5					SB-VMP-C_17.5					SB-VMP-J_1				
					Sample Date	08/10/2026					08/17/2026					08/03/2026					08/03/2026					07/16/2026				
					Depth (' bgs)	2-2.5					20-20.5					1.5-2					17.5-18					1-1.5				
					Saturation	Unsaturated					Unsaturated					Unsaturated					Unsaturated					Unsaturated				
					Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds																													
1,2,4-Trimethylbenzene	95-63-6	1100	73	73	mg/kg	ND	U	0.00053	0.0021	1	ND	U	0.00067	0.0027	1	ND	U	0.00051	0.002	1	ND	U	0.0006	0.0024	1	ND	U	0.0005	0.002	1
1,3,5-Trimethylbenzene	108-67-8	1100	23	23	mg/kg	ND	U	0.00045	0.0021	1	ND	U	0.00058	0.0027	1	ND	U	0.00044	0.002	1	ND	U	0.00052	0.0024	1	ND	U	0.00043	0.002	1
Benzene	71-43-2	57	0.5	0.13	mg/kg	ND	U	0.00048	0.00053	1	ND	U	0.00061	0.00067	1	ND	U	0.00047	0.00051	1	0.002		0.00055	0.0006	1	ND	U	0.00045	0.0005	1
Ethylbenzene	100-41-4	180	70	46	mg/kg	ND	U	0.00048	0.0011	1	ND	U	0.00061	0.0013	1	ND	U	0.00046	0.001	1	ND	U	0.00055	0.0012	1	ND	U	0.00045	0.001	1
Isopropylbenzene (Cumene)	98-82-8	7600	600	600	mg/kg	ND	U	0.0015	0.0021	1	ND	U	0.0019	0.0027	1	ND	U	0.0015	0.002	1	ND	U	0.0017	0.0024	1	ND	U	0.0014	0.002	1
Naphthalene	91-20-3	13	25	25	mg/kg	ND	U	0.0026	0.0053	1	ND	U	0.0034	0.0067	1	ND	U	0.0026	0.0051	1	ND	U	0.003	0.006	1	ND	U	0.0025	0.005	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	1700	2	0.28	mg/kg	ND	U	0.00049	0.0011	1	ND	U	0.00063	0.0013	1	ND	U	0.00048	0.001	1	ND	U	0.00057	0.0012	1	ND	U	0.00047	0.001	1
Toluene	108-88-3	10000	100	44	mg/kg	ND	U	0.00055	0.0011	1	ND	U	0.00071	0.0013	1	0.00058	J	0.00054	0.001	1	ND	U	0.00063	0.0012	1	ND	U	0.00052	0.001	1
Total Xylenes	1330-20-7	1900	1000	990	mg/kg	ND	U	0.00048	0.0011	1	ND	U	0.00062	0.0013	1	ND	U	0.00047	0.001	1	ND	U	0.00055	0.0012	1	ND	U	0.00046	0.001	1
General Chemistry																													
Solids, Percent	SOLID	NS	NS	NS	Percent	81.7		0	0	1	68.9		0	0	1	82.8		0	0	1	69		0	0	1	80.9		0	0	1

See notes on last page.

Table 4
Soil Sample Results Summary: June to August 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project No.: 220240201

Analyte	CAS Number	PADEP Residential Direct Contact Soil MSC (0-15 Ft)	PADEP Residential Soil to Groundwater MSC Used Aquifer	PADEP Residential SHS VI Screening Values for Soil	Location	SB-VMP-J					SB-VMP-N					SB-VMP-N				
					Sample Name	SB-VMP-J_15					SB-VMP-N_2					SB-VMP-N_18				
					Sample Date	07/22/2026					08/10/2026					08/14/2026				
					Depth (' bgs)	15-15.5					2-2.5					18-18.5				
					Saturation	Unsaturated					Unsaturated					Unsaturated				
					Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds																				
1,2,4-Trimethylbenzene	95-63-6	1100	73	73	mg/kg	ND	U	0.00066	0.0027	1	ND	U	0.00053	0.0021	1	ND	U	0.00075	0.003	1
1,3,5-Trimethylbenzene	108-67-8	1100	23	23	mg/kg	ND	U	0.00057	0.0027	1	ND	U	0.00046	0.0021	1	ND	U	0.00064	0.003	1
Benzene	71-43-2	57	0.5	0.13	mg/kg	ND	U	0.0006	0.00066	1	ND	U	0.00048	0.00053	1	ND	U	0.00068	0.00075	1
Ethylbenzene	100-41-4	180	70	46	mg/kg	ND	U	0.0006	0.0013	1	ND	U	0.00048	0.0011	1	ND	U	0.00068	0.0015	1
Isopropylbenzene (Cumene)	98-82-8	7600	600	600	mg/kg	ND	U	0.0019	0.0027	1	ND	U	0.0015	0.0021	1	ND	U	0.0021	0.003	1
Naphthalene	91-20-3	13	25	25	mg/kg	ND	U	0.0033	0.0066	1	ND	U	0.0026	0.0053	1	ND	U	0.0037	0.0075	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	1700	2	0.28	mg/kg	ND	U	0.00062	0.0013	1	ND	U	0.0005	0.0011	1	ND	U	0.0007	0.0015	1
Toluene	108-88-3	10000	100	44	mg/kg	ND	U	0.0007	0.0013	1	ND	U	0.00056	0.0011	1	ND	U	0.00079	0.0015	1
Total Xylenes	1330-20-7	1900	1000	990	mg/kg	ND	U	0.00061	0.0013	1	ND	U	0.00049	0.0011	1	ND	U	0.00068	0.0015	1
General Chemistry																				
Solids, Percent	SOLID	NS	NS	NS	Percent	69.8		0	0	1	77.4		0	0	1	64.3		0	0	1

See notes on last page.

Table 4

Soil Sample Results Summary: June to August 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project No.: 220240201

Notes:

Soil samples were compared to the PADEP MSCs (November 2021)
PADEP - Pennsylvania Department of Environmental Protection
MSC - Medium Specific Concentrations
CAS - Chemical Abstract Service
SHS VI - Statewide Health Standard Vapor Intrusion
' bgs - feet below ground surface
NS - No standard
mg/kg - Milligrams per kilogram
ND - Not detected
Q - Qualifier
MDL - Method detection limit
RL - Reporting Limit
DF - Dilution factor

Qualifiers:

U – The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

Exceedance Summary:

10 - Result exceeds PADEP Residential Direct Contact Soil MSC (0-15 Ft)
10 - Result exceeds PADEP Residential Soil to Groundwater MSC Used Aquifer
10 - Result exceeds PADEP Residential SHS VI Screening Values for Soil
10 - MDL or RL greater than the applicable standard

LANGAN

Table 5
Summary of Groundwater Results: August 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project #220240201

Analyte	CAS Number	PADEP Groundwater MSCs Used Aquifer, TDS < 2,500		PADEP Groundwater VI Screening Values (SV_{GW})		Location	MW-1C					MW-1J					MW-1K					MW-1L					MW-1W					MW-1X				
						Sample Name	MW-1C_081226					MW-1J_081226					MW-1K_081326					MW-1L_081326					MW-1W_081226					MW-1X_081126				
						Sample Date	08/12/2026					08/12/2026					08/13/2026					08/13/2026					08/12/2026					08/11/2026				
		Residential	Non-Residential	Residential	Non-Residential	Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds																																			
1,2,4-Trimethylbenzene	95-63-6	130	530	510	6400	ug/l	**1,760**		*200*	400	200	**993**		50	100	50	302		25	50	25	15.1		5	10	5	ND	U	1	2	1	ND	U	1	2	1
1,3,5-Trimethylbenzene	108-67-8	130	530	360	4500	ug/l	450		*200*	400	200	250		50	100	50	80.6		25	50	25	7.9	J	5	10	5	ND	U	1	2	1	ND	U	1	2	1
Benzene	71-43-2	5	5	23	350	ug/l	**23,700**		*85*	100	200	**13,000**		*85*	100	200	**4,500**		*110*	130	250	**610**		2.1	2.5	5	ND	U	0.43	0.5	1	ND	U	0.43	0.5	1
Ethylbenzene	100-41-4	700	700	700	860	ug/l	**1,140**		120	200	200	**1,270**		30	50	50	400		15	25	25	36.2		3	5	5	ND	U	0.6	1	1	ND	U	0.6	1	1
Isopropylbenzene (Cumene)	98-82-8	840	3500	1900	24000	ug/l	ND	U	130	200	200	34.1	J	32	50	50	ND	U	16	25	25	ND	U	3.2	5	5	ND	U	0.65	1	1	ND	U	0.65	1	1
Naphthalene	91-20-3	100	100	100	1300	ug/l	ND	U	*870*	1,000	200	ND	U	*220*	250	50	ND	U	*110*	130	25	ND	U	22	25	5	ND	U	4.4	5	1	ND	U	4.4	5	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	20	20	6300	96000	ug/l	ND	U	*100*	200	200	ND	U	*25*	50	50	ND	U	13	25	25	ND	U	2.5	5	5	ND	U	0.51	1	1	ND	U	0.51	1	1
Toluene	108-88-3	1000	1000	34000	430000	ug/l	**33,700**		98	200	200	**22,000**		98	200	200	**3,630**		12	25	25	999		2.5	5	5	ND	U	0.49	1	1	ND	U	0.49	1	1
Total Xylenes	1330-20-7	10000	10000	10000	12000	ug/l	**20,500**		120	200	200	**10,100**		30	50	50	2,930		15	25	25	320		3	5	5	ND	U	0.59	1	1	ND	U	0.59	1	1

See notes on last page.

Table 5
Summary of Groundwater Results: August 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project #220240201

Analyte	CAS Number	PADEP Groundwater MSCs Used Aquifer, TDS < 2,500		PADEP Groundwater VI Screening Values (SV_{GW})		Location	MW-1Z					MW-3					MW-4					MW-10					MW-11					MW-12				
						Sample Name	MW-1Z_081226					MW-3_081126					MW-4_081226					MW-10_081126					MW-11_081126					MW-12_081026				
						Sample Date	08/12/2026					08/11/2026					08/12/2026					08/11/2026					08/11/2026					08/10/2026				
		Residential	Non-Residential	Residential	Non-Residential	Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds																																				
1,2,4-Trimethylbenzene	95-63-6	130	530	510	6400	ug/l	**1,230**		100	200	100	ND	U	1	2	1	358		25	50	25	ND	U	1	2	1	ND	U	1	2	1	ND	U	1	2	1
1,3,5-Trimethylbenzene	108-67-8	130	530	360	4500	ug/l	292		100	200	100	ND	U	1	2	1	91.9		25	50	25	ND	U	1	2	1	ND	U	1	2	1	ND	U	1	2	1
Benzene	71-43-2	5	5	23	350	ug/l	**29,200**		*210*	250	500	ND	U	0.43	0.5	1	**6,360**		*43*	50	100	ND	U	0.43	0.5	1	ND	U	0.43	0.5	1	ND	U	0.43	0.5	1
Ethylbenzene	100-41-4	700	700	700	860	ug/l	**1,490**		60	100	100	ND	U	0.6	1	1	509		15	25	25	ND	U	0.6	1	1	ND	U	0.6	1	1	ND	U	0.6	1	1
Isopropylbenzene (Cumene)	98-82-8	840	3500	1900	24000	ug/l	ND	U	65	100	100	ND	U	0.65	1	1	16.3	J	16	25	25	ND	U	0.65	1	1	ND	U	0.65	1	1	ND	U	0.65	1	1
Naphthalene	91-20-3	100	100	100	1300	ug/l	ND	U	*440*	500	100	ND	U	4.4	5	1	ND	U	*110*	130	25	ND	U	4.4	5	1	ND	U	4.4	5	1	ND	U	4.4	5	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	20	20	6300	96000	ug/l	ND	U	*51*	100	100	ND	U	0.51	1	1	ND	U	13	25	25	ND	U	0.51	1	1	ND	U	0.51	1	1	ND	U	0.51	1	1
Toluene	108-88-3	1000	1000	34000	430000	ug/l	**35,400**		250	500	500	ND	U	0.49	1	1	**5,340**		49	100	100	ND	U	0.49	1	1	ND	U	0.49	1	1	ND	U	0.49	1	1
Total Xylenes	1330-20-7	10000	10000	10000	12000	ug/l	**14,400**		59	100	100	ND	U	0.59	1	1	3,820		15	25	25	ND	U	0.59	1	1	ND	U	0.59	1	1	ND	U	0.59	1	1

See notes on last page.

Table 5
Summary of Groundwater Results: August 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project #220240201

Analyte	CAS Number	PADEP Groundwater MSCs Used Aquifer, TDS < 2,500		PADEP Groundwater VI Screening Values (SV_{GW})		Location	MW-12					MW-16					MW-17					MW-18					MW-19					MW-1AA				
						Sample Name	DUP_081026_GW					MW-16_081226					MW-17_081026					MW-18_081126					MW-19_081026					MW-1AA_081026				
		Residential	Non-Residential	Residential	Non-Residential	Sample Date	08/10/2026					08/12/2026					08/10/2026					08/11/2026					08/10/2026					08/10/2026				
						Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds																																		
1,2,4-Trimethylbenzene	95-63-6	130	530	510	6400	ug/l	ND	U	1	2	1	ND	U	1	2	1	ND	U	1	2	1	ND	U	1	2	1	ND	U	1	2	1	ND	U	1	2	1
1,3,5-Trimethylbenzene	108-67-8	130	530	360	4500	ug/l	ND	U	1	2	1	ND	U	1	2	1	ND	U	1	2	1	ND	U	1	2	1	ND	U	1	2	1	ND	U	1	2	1
Benzene	71-43-2	5	5	23	350	ug/l	ND	U	0.43	0.5	1	ND	U	0.43	0.5	1	ND	U	0.43	0.5	1	ND	U	0.43	0.5	1	ND	U	0.43	0.5	1	ND	U	0.43	0.5	1
Ethylbenzene	100-41-4	700	700	700	860	ug/l	ND	U	0.6	1	1	ND	U	0.6	1	1	ND	U	0.6	1	1	ND	U	0.6	1	1	ND	U	0.6	1	1	ND	U	0.6	1	1
Isopropylbenzene (Cumene)	98-82-8	840	3500	1900	24000	ug/l	ND	U	0.65	1	1	ND	U	0.65	1	1	ND	U	0.65	1	1	ND	U	0.65	1	1	ND	U	0.65	1	1	ND	U	0.65	1	1
Naphthalene	91-20-3	100	100	100	1300	ug/l	ND	U	4.4	5	1	ND	U	4.4	5	1	ND	U	4.4	5	1	ND	U	4.4	5	1	ND	U	4.4	5	1	ND	U	4.4	5	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	20	20	6300	96000	ug/l	ND	U	0.51	1	1	ND	U	0.51	1	1	ND	U	0.51	1	1	ND	U	0.51	1	1	ND	U	0.51	1	1	ND	U	0.51	1	1
Toluene	108-88-3	1000	1000	34000	430000	ug/l	ND	U	0.49	1	1	ND	U	0.49	1	1	ND	U	0.49	1	1	ND	U	0.49	1	1	ND	U	0.49	1	1	ND	U	0.49	1	1
Total Xylenes	1330-20-7	10000	10000	10000	12000	ug/l	ND	U	0.59	1	1	ND	U	0.59	1	1	ND	U	0.59	1	1	ND	U	0.59	1	1	ND	U	0.59	1	1	ND	U	0.59	1	1

See notes on last page.

Table 5
Summary of Groundwater Results: August 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project #220240201

Analyte	CAS Number	PADEP Groundwater MSCs Used Aquifer, TDS < 2,500		PADEP Groundwater VI Screening Values (SV_{GW})		Location	MW-20					MW-21					MW-22					MW-24					MW-26					MW-30				
						Sample Name	MW-20_081026					MW-21_081126					MW-22_081326					MW-24_081226					MW-26_081326					MW-30_081226				
						Sample Date	08/10/2026					08/11/2026					08/13/2026					08/12/2026					08/13/2026					08/12/2026				
		Residential	Non-Residential	Residential	Non-Residential	Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds																																		
1,2,4-Trimethylbenzene	95-63-6	130	530	510	6400	ug/l	ND	U	1	2	1	ND	U	1	2	1	ND	U	1	2	1	ND	U	1	2	1	ND	U	1	2	1	**1,260**		100	200	100
1,3,5-Trimethylbenzene	108-67-8	130	530	360	4500	ug/l	ND	U	1	2	1	ND	U	1	2	1	ND	U	1	2	1	ND	U	1	2	1	ND	U	1	2	1	315		100	200	100
Benzene	71-43-2	5	5	23	350	ug/l	ND	U	0.43	0.5	1	ND	U	0.43	0.5	1	1.5		0.43	0.5	1	ND	U	0.43	0.5	1	ND	U	0.43	0.5	1	**21,100**		*210*	250	500
Ethylbenzene	100-41-4	700	700	700	860	ug/l	ND	U	0.6	1	1	ND	U	0.6	1	1	ND	U	0.6	1	1	ND	U	0.6	1	1	ND	U	0.6	1	1	**2,290**		60	100	100
Isopropylbenzene (Cumene)	98-82-8	840	3500	1900	24000	ug/l	ND	U	0.65	1	1	ND	U	0.65	1	1	ND	U	0.65	1	1	ND	U	0.65	1	1	ND	U	0.65	1	1	ND	U	65	100	100
Naphthalene	91-20-3	100	100	100	1300	ug/l	ND	U	4.4	5	1	ND	U	4.4	5	1	ND	U	4.4	5	1	ND	U	4.4	5	1	ND	U	4.4	5	1	ND	U	*440*	500	100
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	20	20	6300	96000	ug/l	ND	U	0.51	1	1	ND	U	0.51	1	1	ND	U	0.51	1	1	ND	U	0.51	1	1	ND	U	0.51	1	1	ND	U	*51*	100	100
Toluene	108-88-3	1000	1000	34000	430000	ug/l	ND	U	0.49	1	1	ND	U	0.49	1	1	ND	U	0.49	1	1	ND	U	0.49	1	1	ND	U	0.49	1	1	**31,100**		250	500	500
Total Xylenes	1330-20-7	10000	10000	10000	12000	ug/l	ND	U	0.59	1	1	ND	U	0.59	1	1	2		0.59	1	1	ND	U	0.59	1	1	ND	U	0.59	1	1	**14,900**		59	100	100

See notes on last page.

Table 5
Summary of Groundwater Results: August 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project #220240201

Analyte	CAS Number	PADEP Groundwater MSCs Used Aquifer, TDS < 2,500		PADEP Groundwater VI Screening Values (SV_{GW})		Location	MW-34					MW-36					MW-37					MW-38					MW-39					MW-40				
						Sample Name	MW-34_081126					MW-36_081226					MW-37_081126					MW-38_081126					MW-39_081226					MW-40_081126				
						Sample Date	08/11/2026					08/12/2026					08/11/2026					08/11/2026					08/12/2026					08/11/2026				
		Residential	Non-Residential	Residential	Non-Residential	Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds																																		
1,2,4-Trimethylbenzene	95-63-6	130	530	510	6400	ug/l	123		5	10	5	**1,990**		100	200	100	ND	U	1	2	1	ND	U	1	2	1	ND	U	1	2	1	ND	U	1	2	1
1,3,5-Trimethylbenzene	108-67-8	130	530	360	4500	ug/l	49.6		5	10	5	489		100	200	100	ND	U	1	2	1	ND	U	1	2	1	ND	U	1	2	1	ND	U	1	2	1
Benzene	71-43-2	5	5	23	350	ug/l	**420**		2.1	2.5	5	**18,600**		*210*	250	500	ND	U	0.43	0.5	1	ND	U	0.43	0.5	1	ND	U	0.43	0.5	1	ND	U	0.43	0.5	1
Ethylbenzene	100-41-4	700	700	700	860	ug/l	146		3	5	5	**2,030**		60	100	100	ND	U	0.6	1	1	ND	U	0.6	1	1	ND	U	0.6	1	1	ND	U	0.6	1	1
Isopropylbenzene (Cumene)	98-82-8	840	3500	1900	24000	ug/l	7		3.2	5	5	79.4	J	65	100	100	ND	U	0.65	1	1	ND	U	0.65	1	1	ND	U	0.65	1	1	ND	U	0.65	1	1
Naphthalene	91-20-3	100	100	100	1300	ug/l	ND	U	22	25	5	ND	U	*440*	500	100	ND	U	4.4	5	1	ND	U	4.4	5	1	ND	U	4.4	5	1	ND	U	4.4	5	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	20	20	6300	96000	ug/l	ND	U	2.5	5	5	ND	U	*51*	100	100	ND	U	0.51	1	1	ND	U	0.51	1	1	ND	U	0.51	1	1	ND	U	0.51	1	1
Toluene	108-88-3	1000	1000	34000	430000	ug/l	1,000		2.5	5	5	**26,400**		250	500	500	ND	U	0.49	1	1	ND	U	0.49	1	1	ND	U	0.49	1	1	ND	U	0.49	1	1
Total Xylenes	1330-20-7	10000	10000	10000	12000	ug/l	1,030		3	5	5	**15,700**		59	100	100	ND	U	0.59	1	1	ND	U	0.59	1	1	ND	U	0.59	1	1	ND	U	0.59	1	1

See notes on last page.

Table 5
Summary of Groundwater Results: August 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project #220240201

Analyte	CAS Number	PADEP Groundwater MSCs Used Aquifer, TDS < 2,500		PADEP Groundwater VI Screening Values (SV_{GW})		Location	MW-41					MW-42					MW-43					MW-44					MW-45					MW-46				
						Sample Name	MW-41_081226					MW-42_081326					MW-43_081226					MW-44_081226					MW-45_081226					MW-46_081326				
						Sample Date	08/12/2026					08/13/2026					08/12/2026					08/12/2026					08/12/2026					08/13/2026				
		Residential	Non-Residential	Residential	Non-Residential	Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds																																		
1,2,4-Trimethylbenzene	95-63-6	130	530	510	6400	ug/l	ND	U	1	2	1	**740**		50	100	50	ND	U	1	2	1	ND	U	1	2	1	ND	U	1	2	1	ND	U	1	2	1
1,3,5-Trimethylbenzene	108-67-8	130	530	360	4500	ug/l	ND	U	1	2	1	87.2	J	50	100	50	ND	U	1	2	1	ND	U	1	2	1	ND	U	1	2	1	ND	U	1	2	1
Benzene	71-43-2	5	5	23	350	ug/l	ND	U	0.43	0.5	1	**10,600**		*110*	130	250	ND	U	0.43	0.5	1	ND	U	0.43	0.5	1	ND	U	0.43	0.5	1	ND	U	0.43	0.5	1
Ethylbenzene	100-41-4	700	700	700	860	ug/l	ND	U	0.6	1	1	301		30	50	50	ND	U	0.6	1	1	ND	U	0.6	1	1	ND	U	0.6	1	1	ND	U	0.6	1	1
Isopropylbenzene (Cumene)	98-82-8	840	3500	1900	24000	ug/l	ND	U	0.65	1	1	50.7		32	50	50	ND	U	0.65	1	1	ND	U	0.65	1	1	ND	U	0.65	1	1	ND	U	0.65	1	1
Naphthalene	91-20-3	100	100	100	1300	ug/l	ND	U	4.4	5	1	ND	U	*220*	250	50	ND	U	4.4	5	1	ND	U	4.4	5	1	ND	U	4.4	5	1	ND	U	4.4	5	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	20	20	6300	96000	ug/l	ND	U	0.51	1	1	ND	U	*25*	50	50	ND	U	0.51	1	1	ND	U	0.51	1	1	ND	U	0.51	1	1	ND	U	0.51	1	1
Toluene	108-88-3	1000	1000	34000	430000	ug/l	ND	U	0.49	1	1	612		25	50	50	ND	U	0.49	1	1	ND	U	0.49	1	1	ND	U	0.49	1	1	ND	U	0.49	1	1
Total Xylenes	1330-20-7	10000	10000	10000	12000	ug/l	ND	U	0.59	1	1	7,840		30	50	50	ND	U	0.59	1	1	ND	U	0.59	1	1	ND	U	0.59	1	1	ND	U	0.59	1	1

See notes on last page.

Table 5
Summary of Groundwater Results: August 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project #220240201

Analyte	CAS Number	PADEP Groundwater MSCs Used Aquifer, TDS < 2,500		PADEP Groundwater VI Screening Values (SV_{GW})		Location	MW-49					MW-50					MW-51					MW-52					MW-53					MW-54				
						Sample Name	MW-49_081226					MW-50_081226					MW-51_081326					MW-52_081226					MW-53_081326					MW-54_081326				
		Residential	Non-Residential	Residential	Non-Residential	Sample Date	08/12/2026					08/12/2026					08/13/2026					08/12/2026					08/13/2026					08/13/2026				
						Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds																																		
1,2,4-Trimethylbenzene	95-63-6	130	530	510	6400	ug/l	ND	U	1	2	1	ND	U	1	2	1	ND	U	1	2	1	ND	U	1	2	1	12.9		1	2	1	**608**		50	100	50
1,3,5-Trimethylbenzene	108-67-8	130	530	360	4500	ug/l	ND	U	1	2	1	ND	U	1	2	1	ND	U	1	2	1	ND	U	1	2	1	6.5		1	2	1	145		50	100	50
Benzene	71-43-2	5	5	23	350	ug/l	ND	U	0.43	0.5	1	ND	U	0.43	0.5	1	ND	U	0.43	0.5	1	ND	U	0.43	0.5	1	**134**		0.43	0.5	1	**14,600**		*210*	250	500
Ethylbenzene	100-41-4	700	700	700	860	ug/l	ND	U	0.6	1	1	ND	U	0.6	1	1	ND	U	0.6	1	1	ND	U	0.6	1	1	11.9		0.6	1	1	**1,210**		30	50	50
Isopropylbenzene (Cumene)	98-82-8	840	3500	1900	24000	ug/l	ND	U	0.65	1	1	ND	U	0.65	1	1	ND	U	0.65	1	1	ND	U	0.65	1	1	ND	U	0.65	1	1	ND	U	32	50	50
Naphthalene	91-20-3	100	100	100	1300	ug/l	ND	U	4.4	5	1	ND	U	4.4	5	1	ND	U	4.4	5	1	ND	U	4.4	5	1	ND	U	4.4	5	1	ND	U	*220*	250	50
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	20	20	6300	96000	ug/l	ND	U	0.51	1	1	ND	U	0.51	1	1	ND	U	0.51	1	1	ND	U	0.51	1	1	ND	U	0.51	1	1	ND	U	*25*	50	50
Toluene	108-88-3	1000	1000	34000	430000	ug/l	ND	U	0.49	1	1	ND	U	0.49	1	1	ND	U	0.49	1	1	ND	U	0.49	1	1	240		4.9	10	10	**21,200**		250	500	500
Total Xylenes	1330-20-7	10000	10000	10000	12000	ug/l	ND	U	0.59	1	1	ND	U	0.59	1	1	ND	U	0.59	1	1	ND	U	0.59	1	1	247		0.59	1	1	7,660		30	50	50

See notes on last page.

Table 5
Summary of Groundwater Results: August 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project #220240201

Analyte	CAS Number	PADEP Groundwater MSCs Used Aquifer, TDS < 2,500		PADEP Groundwater VI Screening Values (SV_{GW})		Location	MW-55					MW-57					MW-58					MW-59					MW-62					MW-65				
						Sample Name	MW-55_081326					MW-57_081326					MW-58_081326					MW-59_081326					MW-62_081226					MW-65_081326				
		Residential	Non-Residential	Residential	Non-Residential	Sample Date	08/13/2026					08/13/2026					08/13/2026					08/13/2026					08/12/2026					08/13/2026				
						Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds																																		
1,2,4-Trimethylbenzene	95-63-6	130	530	510	6400	ug/l	1.3	J	1	2	1	25.3		1	2	1	**1,150**		100	200	100	166		1	2	1	ND	U	1	2	1	**1,010**		100	200	100
1,3,5-Trimethylbenzene	108-67-8	130	530	360	4500	ug/l	ND	U	1	2	1	11.7		1	2	1	277		100	200	100	43.2		1	2	1	ND	U	1	2	1	228		100	200	100
Benzene	71-43-2	5	5	23	350	ug/l	0.82		0.43	0.5	1	**47**		0.43	0.5	1	**26,600**		*430*	500	1000	**472**		4.3	5	10	ND	U	0.43	0.5	1	**21,300**		*210*	250	500
Ethylbenzene	100-41-4	700	700	700	860	ug/l	ND	U	0.6	1	1	ND	U	0.6	1	1	**2,280**		60	100	100	142		0.6	1	1	ND	U	0.6	1	1	**2,050**		60	100	100
Isopropylbenzene (Cumene)	98-82-8	840	3500	1900	24000	ug/l	ND	U	0.65	1	1	ND	U	0.65	1	1	ND	U	65	100	100	8.7		0.65	1	1	ND	U	0.65	1	1	ND	U	65	100	100
Naphthalene	91-20-3	100	100	100	1300	ug/l	ND	U	4.4	5	1	ND	U	4.4	5	1	ND	U	*440*	500	100	9.6		4.4	5	1	ND	U	4.4	5	1	ND	U	*440*	500	100
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	20	20	6300	96000	ug/l	ND	U	0.51	1	1	ND	U	0.51	1	1	ND	U	*51*	100	100	ND	U	0.51	1	1	ND	U	0.51	1	1	ND	U	*51*	100	100
Toluene	108-88-3	1000	1000	34000	430000	ug/l	ND	U	0.49	1	1	40.8		0.49	1	1	**36,200**		490	1,000	1000	108		0.49	1	1	ND	U	0.49	1	1	**18,600**		250	500	500
Total Xylenes	1330-20-7	10000	10000	10000	12000	ug/l	2.8		0.59	1	1	150		0.59	1	1	**14,300**		59	100	100	562		0.59	1	1	ND	U	0.59	1	1	**12,000**		59	100	100

See notes on last page.

Table 5
Summary of Groundwater Results: August 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project #220240201

Analyte	CAS Number	PADEP Groundwater MSCs Used Aquifer, TDS < 2,500		PADEP Groundwater VI Screening Values (SV_{GW})		Location	MW-67					MW-68					MW-70					MW-C1					MW-C3					MW-C4				
						Sample Name	MW-67_081326					MW-68_081126					MW-70_081126					MW-C1_081326					MW-C3_081326					MW-C4_081326				
						Sample Date	08/13/2026					08/11/2026					08/11/2026					08/13/2026					08/13/2026					8/13/2026				
		Residential	Non-Residential	Residential	Non-Residential	Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds																																			
1,2,4-Trimethylbenzene	95-63-6	130	530	510	6400	ug/l	**1,220**		100	200	100	ND	U	1	2	1	65.5		10	20	10	ND	U	1	2	1	13.4		1	2	1	ND	U	1	2	1
1,3,5-Trimethylbenzene	108-67-8	130	530	360	4500	ug/l	292		100	200	100	ND	U	1	2	1	17.6	J	10	20	10	ND	U	1	2	1	4.4		1	2	1	ND	U	1	2	1
Benzene	71-43-2	5	5	23	350	ug/l	**25,300**		*210*	250	500	ND	U	0.43	0.5	1	**1,390**		4.3	5	10	ND	U	0.43	0.5	1	**62.4**		0.43	0.5	1	ND	U	0.43	0.5	1
Ethylbenzene	100-41-4	700	700	700	860	ug/l	**2,600**		60	100	100	ND	U	0.6	1	1	7	J	6	10	10	ND	U	0.6	1	1	15.4		0.6	1	1	ND	U	0.6	1	1
Isopropylbenzene (Cumene)	98-82-8	840	3500	1900	24000	ug/l	69.1	J	65	100	100	ND	U	0.65	1	1	ND	U	6.5	10	10	ND	U	0.65	1	1	0.89	J	0.65	1	1	ND	U	0.65	1	1
Naphthalene	91-20-3	100	100	100	1300	ug/l	ND	U	*440*	500	100	ND	U	4.4	5	1	ND	U	44	50	10	ND	U	4.4	5	1	ND	U	4.4	5	1	ND	U	4.4	5	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	20	20	6300	96000	ug/l	ND	U	*51*	100	100	ND	U	0.51	1	1	ND	U	5.1	10	10	ND	U	0.51	1	1	ND	U	0.51	1	1	ND	U	0.51	1	1
Toluene	108-88-3	1000	1000	34000	430000	ug/l	**33,000**		250	500	500	ND	U	0.49	1	1	16.5		4.9	10	10	ND	U	0.49	1	1	30.6		0.49	1	1	ND	U	0.49	1	1
Total Xylenes	1330-20-7	10000	10000	10000	12000	ug/l	**15,700**		59	100	100	ND	U	0.59	1	1	680		5.9	10	10	ND	U	0.59	1	1	117		0.59	1	1	ND	U	0.59	1	1

See notes on last page.

Table 5
Summary of Groundwater Results: August 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project #220240201

Analyte	CAS Number	PADEP Groundwater MSCs Used Aquifer, TDS < 2,500		PADEP Groundwater VI Screening Values (SV_{GW})		Location	MW-C4					MW-C5					MW-D1					MW-F1					MW-F2					MW-J2				
						Sample Name	DUP_081326_GW					MW-C5_081326					MW-D1_081026					MW-F1_081226					MW-F2_081226					MW-J2_081126				
		Residential	Non-Residential	Residential	Non-Residential	Sample Date	8/13/2026					8/13/2026					08/10/2026					8/12/2026					8/12/2026					08/11/2026				
						Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds																																				
1,2,4-Trimethylbenzene	95-63-6	130	530	510	6400	ug/l	ND	U	1	2	1	ND	U	1	2	1	ND	U	1	2	1	ND	U	1	2	1	**931**		50	100	50	ND	U	1	2	1
1,3,5-Trimethylbenzene	108-67-8	130	530	360	4500	ug/l	ND	U	1	2	1	ND	U	1	2	1	ND	U	1	2	1	ND	U	1	2	1	255		50	100	50	ND	U	1	2	1
Benzene	71-43-2	5	5	23	350	ug/l	ND	U	0.43	0.5	1	ND	U	0.43	0.5	1	ND	U	0.43	0.5	1	ND	U	0.43	0.5	1	**4,430**		*21*	25	50	ND	U	0.43	0.5	1
Ethylbenzene	100-41-4	700	700	700	860	ug/l	ND	U	0.6	1	1	ND	U	0.6	1	1	ND	U	0.6	1	1	ND	U	0.6	1	1	**1,070**		30	50	50	ND	U	0.6	1	1
Isopropylbenzene (Cumene)	98-82-8	840	3500	1900	24000	ug/l	ND	U	0.65	1	1	ND	U	0.65	1	1	ND	U	0.65	1	1	ND	U	0.65	1	1	45.6	J	32	50	50	ND	U	0.65	1	1
Naphthalene	91-20-3	100	100	100	1300	ug/l	ND	U	4.4	5	1	ND	U	4.4	5	1	ND	U	4.4	5	1	ND	U	4.4	5	1	ND	U	*220*	250	50	ND	U	4.4	5	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	20	20	6300	96000	ug/l	ND	U	0.51	1	1	ND	U	0.51	1	1	ND	U	0.51	1	1	ND	U	0.51	1	1	ND	U	*25*	50	50	ND	U	0.51	1	1
Toluene	108-88-3	1000	1000	34000	430000	ug/l	ND	U	0.49	1	1	ND	U	0.49	1	1	ND	U	0.49	1	1	ND	U	0.49	1	1	**9,500**		25	50	50	ND	U	0.49	1	1
Total Xylenes	1330-20-7	10000	10000	10000	12000	ug/l	ND	U	0.59	1	1	ND	U	0.59	1	1	ND	U	0.59	1	1	ND	U	0.59	1	1	1070		30	50	50	ND	U	0.59	1	1

See notes on last page.

Table 5
Summary of Groundwater Results: August 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project #220240201

Analyte	CAS Number	PADEP Groundwater MSCs Used Aquifer, TDS < 2,500		PADEP Groundwater VI Screening Values (SV_{GW})		Location	MW-J3					MW-J3					MW-N1					MW-N1					MW-N2					MW-N3				
						Sample Name	MW-J3_081126					DUP_081126_GW					MW-N1_081926					DUP_081926_GW					MW-N2_082126					MW-N3_082126				
						Sample Date	08/11/2026					08/11/2026					08/19/2026					08/19/2026					08/21/2026					08/21/2026				
		Residential	Non-Residential	Residential	Non-Residential	Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds																																			
1,2,4-Trimethylbenzene	95-63-6	130	530	510	6400	ug/l	ND	U	1	2	1	ND	U	1	2	1	ND	U	1	2	1	ND	U	1	2	1	ND	U	1	2	1	ND	U	1	2	1
1,3,5-Trimethylbenzene	108-67-8	130	530	360	4500	ug/l	ND	U	1	2	1	ND	U	1	2	1	ND	U	1	2	1	ND	U	1	2	1	ND	U	1	2	1	ND	U	1	2	1
Benzene	71-43-2	5	5	23	350	ug/l	ND	U	0.43	0.5	1	ND	U	0.43	0.5	1	ND	U	0.43	0.5	1	ND	U	0.43	0.5	1	ND	U	0.43	0.5	1	ND	U	0.43	0.5	1
Ethylbenzene	100-41-4	700	700	700	860	ug/l	ND	U	0.6	1	1	ND	U	0.6	1	1	ND	U	0.6	1	1	ND	U	0.6	1	1	ND	U	0.6	1	1	ND	U	0.6	1	1
Isopropylbenzene (Cumene)	98-82-8	840	3500	1900	24000	ug/l	ND	U	0.65	1	1	ND	U	0.65	1	1	ND	U	0.65	1	1	ND	U	0.65	1	1	ND	U	0.65	1	1	ND	U	0.65	1	1
Naphthalene	91-20-3	100	100	100	1300	ug/l	ND	U	4.4	5	1	ND	U	4.4	5	1	ND	U	4.4	5	1	ND	U	4.4	5	1	ND	U	4.4	5	1	ND	U	4.4	5	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	20	20	6300	96000	ug/l	ND	U	0.51	1	1	ND	U	0.51	1	1	ND	U	0.51	1	1	ND	U	0.51	1	1	ND	U	0.51	1	1	ND	U	0.51	1	1
Toluene	108-88-3	1000	1000	34000	430000	ug/l	ND	U	0.49	1	1	ND	U	0.49	1	1	ND	U	0.49	1	1	ND	U	0.49	1	1	ND	U	0.49	1	1	ND	U	0.49	1	1
Total Xylenes	1330-20-7	10000	10000	10000	12000	ug/l	ND	U	0.59	1	1	ND	U	0.59	1	1	ND	U	0.59	1	1	ND	U	0.59	1	1	ND	U	0.59	1	1	ND	U	0.59	1	1

See notes on last page.

Table 5
Summary of Groundwater Results: August 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project #220240201

Notes:

Groundwater samples were compared to the PADEP MSCs and VI Screening Values for Groundwater (November 2021)
PADEP - Pennsylvania Department of Environmental Protection
MSC - Medium Specific Concentrations
TDS - Total Dissolved Solids
VI - Vapor intrusion
CAS - Chemical Abstract Service
NS - No standard
ug/l - Microgram per liter
NA - Not analyzed
ND - Not detected
Q - Qualifier
MDL - Method detection limit
RL - Reporting Limit
DF - Dilution factor

Qualifiers:

J – The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
U – The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

Exceedance Summary:

10 - Result exceeds PADEP Residential Groundwater MSC Used Aquifer TDS <=2500 mg/l
10 - Result exceeds PADEP Non-Residential Groundwater MSC Used Aquifer TDS <=2500 mg/l
10 - Result exceeds PADEP Residential Vapor Intrusion Screening Values for Groundwater
10 - Result exceeds PADEP Non-Residential Vapor Intrusion Screening Values for Groundwater
10 - MDL or RL greater than the applicable standard or screening value

Table 6
Perimeter Fenceline Air Results: May 27 - August 28, 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project #220240201

Analyte	CAS Number	EPA RSLs for Resident Air (THQ=1.0, TCR=1E-05)	Location	AA-1					AA-1					AA-1					AA-1					AA-1					AA-1				
			Sample Name	AA-1_20260527					AA-1_20260528					AA-1_20260529					AA-1_20260601					AA-1_20260602					AA-1_20260603				
			Sample Date	05/27/2026					05/28/2026					05/29/2026					06/01/2026					06/02/2026					06/03/2026				
			Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds																																	
1,1,1-Trichloroethane	71-55-6	5200	ug/m3	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1
1,1,2,2-Tetrachloroethane	79-34-5	0.48	ug/m3	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5200	ug/m3	0.583	J	0.388	1.53	1	0.56	J	0.388	1.53	1	0.491	J	0.388	1.53	1	0.46	J	0.388	1.53	1	0.445	J	0.388	1.53	1	0.529	J	0.388	1.53	1
1,1,2-Trichloroethane	79-00-5	0.21	ug/m3	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1
1,1-Dichloroethane	75-34-3	18	ug/m3	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1
1,1-Dichloroethene	75-35-4	4.1	ug/m3	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1
1,2,4-Trichlorobenzene	120-82-1	2.1	ug/m3	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1
1,2,4-Trimethylbenzene	95-63-6	63	ug/m3	0.369	J	0.284	0.983	1	ND	U	0.284	0.983	1	ND	U	0.284	0.983	1	0.393	J	0.284	0.983	1	ND	U	0.284	0.983	1	0.398	J	0.284	0.983	1
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.047	ug/m3	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1
1,2-Dichlorobenzene	95-50-1	210	ug/m3	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1
1,2-Dichloroethane	107-06-2	1.1	ug/m3	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1
1,2-Dichloropropane	78-87-5	4.2	ug/m3	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	63	ug/m3	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1
1,3-Butadiene	106-99-0	0.94	ug/m3	ND	U	0.137	0.442	1	0.186	J	0.137	0.442	1	ND	U	0.137	0.442	1	0.248	J	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1
1,3-Dichloropropane	142-28-9	NS	ug/m3	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1
1,4-Dichlorobenzene	106-46-7	2.6	ug/m3	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1
1,4-Dioxane (P-Dioxane)	123-91-1	5.6	ug/m3	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1
Acetone	67-64-1	NS	ug/m3	11.5		1.22	2.38	1	7.67		1.22	2.38	1	5.68		1.22	2.38	1	7.51		1.22	2.38	1	5.58		1.22	2.38	1	8.01		1.22	2.38	1
Acrolein	107-02-8	0.021	ug/m3	**0.261**		*0.089*	*0.115*	1	**0.179**		*0.089*	*0.115*	1	**0.202**		*0.089*	*0.115*	1	**0.275**		*0.089*	*0.115*	1	**0.197**		*0.089*	*0.115*	1	**0.115**		*0.089*	*0.115*	1
Acrylonitrile	107-13-1	0.41	ug/m3	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1
Allyl Chloride (3-Chloropropene)	107-05-1	1	ug/m3	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1
Benzene	71-43-2	3.6	ug/m3	0.556	J	0.205	0.639	1	ND	U	0.205	0.639	1	0.38	J	0.205	0.639	1	0.486	J	0.205	0.639	1	0.272	J	0.205	0.639	1	0.428	J	0.205	0.639	1
Benzyl Chloride	100-44-7	0.57	ug/m3	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1
Bromodichloromethane	75-27-4	0.76	ug/m3	0.067	J	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1
Bromoethene	593-60-2	1.9	ug/m3	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1
Bromoform	75-25-2	26	ug/m3	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1
Bromomethane	74-83-9	5.2	ug/m3	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1
Carbon Disulfide	75-15-0	730	ug/m3	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1
Carbon Tetrachloride	56-23-5	4.7	ug/m3	0.503	J	0.432	1.26	1	0.434	J	0.432	1.26	1	0.434	J	0.432	1.26	1	0.472	J	0.432	1.26	1	0.491	J	0.432	1.26	1	0.591	J	0.432	1.26	1
Chlorobenzene	108-90-7	52	ug/m3	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1
Chloroethane	75-00-3	4200	ug/m3	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1
Chloroform	67-66-3	1.2	ug/m3	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1
Chloromethane	74-87-3	94	ug/m3	1.12		0.119	0.413	1	1.18		0.119	0.413	1	1.13		0.119	0.413	1	1.4		0.119	0.413	1	1.09		0.119	0.413	1	1.12		0.119	0.413	1
Cyclohexane	110-82-7	6300	ug/m3	0.392	J	0.251	0.688	1	ND	U	0.251	0.688	1	0.299	J	0.251	0.688	1	ND	U	0.251	0.688	1	ND	U	0.251	0.688	1	ND	U	0.251	0.688	1
Dibromochloromethane	124-48-1	NS	ug/m3	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1
Dichlorodifluoromethane	75-71-8	100	ug/m3	2.41		0.374	0.989	1	2.21		0.374	0.989	1	2.42		0.374	0.989	1	2.34		0.374	0.989	1	2.21		0.374	0.989	1	2.74		0.374	0.989	1
Ethylbenzene	100-41-4	11	ug/m3	0.278	J	0.25	0.869	1	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1	0.252	J	0.25	0.869	1	ND	U	0.25	0.869	1	0.269	J	0.25	0.869	1
Isopropanol	67-63-0	210	ug/m3	1.48	J	0.669	2.46	1	1.93	J	0.669	2.46	1	ND	U	0.669	2.46	1	5.51		0.669	2.46	1	1.77	J	0.669	2.46	1	1.94	J	0.669	2.46	1
Isopropylbenzene (Cumene)	98-82-8	420	ug/m3	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1
M,P-Xylene	179601-23-1	NS	ug/m3	0.977	J	0.543	1.74	1	1.4	J	0.543	1.74	1	0.834	J	0.543	1.74	1	0.977	J	0.543	1.74	1	0.56	J	0.543	1.74	1	1.11	J	0.543	1.74	1
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	3100	ug/m3	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1
Methyl Methacrylate	80-62-6	730	ug/m3	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	1.84	J	0.925	2.05	1
Methylene Chloride	75-09-2	630	ug/m3	0.535	J	0.434	1.74	1	0.545	J	0.434	1.74	1	ND	U	0.434	1.74	1	0.469	J	0.434	1.74	1	0.479	J	0.434	1.74	1	0.504	J	0.434	1.74	1
Naphthalene	91-20-3	0.83	ug/m3	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	0.22	J	0.11	0.262	1	0.44		0.11	0.262	1	ND	U	0.11	0.262	1
n-Hexane	110-54-3	730	ug/m3	1.06		0.262	0.705	1	0.381	J	0.262	0.705	1	1.71		0.262	0.705	1	0.698	J	0.262	0.705	1	0.839		0.262	0.705	1	0.726		0.262	0.705	1
o-Xylene (1,2-Dimethylbenzene)	95-47-6	100	ug/m3	0.4	J	0.27	0.869	1	0.378	J	0.27	0.869	1	ND	U	0.27	0.869	1	0.417	J	0.27	0.869	1	ND	U	0.27	0.869	1	0.395	J	0.27	0.869	1
Styrene	100-42-5	1000	ug/m3	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	110	ug/m3	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1
Tetrachloroethene (PCE)	127-18-4	42	ug/m3	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1
Tetrahydrofuran	109-99-9	2100	ug/m3	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1
Toluene	108-88-3	5200	ug/m3	1.67		0.327	0.754	1	0.863		0.327	0.754	1	1.15		0.327	0.754	1	1.44		0.327	0.754	1	0.829		0.327	0.754	1	1.71		0.327	0.754	1
Total Xylenes	1330-20-7	100	ug/m3	1.38	J	0.27	0.869	1	1.78	J	0.27	0.869	1	0.834	J	0.27	0.869	1	1.39	J	0.27	0.869	1	0.56	J	0.27	0.869	1	1.5	J	0.27	0.869	1
Trans-1,2-Dichloroethene	156-60-5	42	ug/m3	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1
Trichloroethene (TCE)	79-01-6	2.1	ug/m3	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	0.317	J	0.295	1.07	1
Trichlorofluoromethane	75-69-4	NS	ug/m3	1.33		0.442	1.12	1	1.19		0.442	1.12	1	1.16		0.442	1.12	1	1.06	J	0.442	1.12	1	0.967	J	0.442	1.12	1	1.41		0.442	1.12	1
Vinyl Chloride	75-01-4	1.7	ug/m3	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1

See notes on last page.

Table 6
Perimeter Fenceline Air Results: May 27 - August 28, 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project #220240201

Analyte	CAS Number	EPA RSLs for Resident Air (THQ=1.0, TCR=1E-05)	Location	AA-1					AA-1					AA-1					AA-1					AA-1					AA-1				
			Sample Name	AA-1_20260604					AA-1_20260605					AA-1_20260608					AA-1_20260609					AA-1_20260610					AA-1_20260612				
			Sample Date	06/04/2026					06/05/2026					06/08/2026					06/09/2026					06/10/2026					06/12/2026				
			Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds																																	
1,1,1-Trichloroethane	71-55-6	5200	ug/m3	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1
1,1,2,2-Tetrachloroethane	79-34-5	0.48	ug/m3	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5200	ug/m3	0.56	J	0.388	1.53	1	0.659	J	0.388	1.53	1	0.812	J	0.388	1.53	1	0.56	J	0.388	1.53	1	0.537	J	0.388	1.53	1	0.705	J	0.388	1.53	1
1,1,2-Trichloroethane	79-00-5	0.21	ug/m3	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1
1,1-Dichloroethane	75-34-3	18	ug/m3	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1
1,1-Dichloroethene	75-35-4	4.1	ug/m3	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1
1,2,4-Trichlorobenzene	120-82-1	2.1	ug/m3	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1
1,2,4-Trimethylbenzene	95-63-6	63	ug/m3	0.428	J	0.284	0.983	1	0.339	J	0.284	0.983	1	2.35		0.284	0.983	1	0.526	J	0.284	0.983	1	0.61	J	0.284	0.983	1	0.487	J	0.284	0.983	1
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.047	ug/m3	ND	U	*0.07*	*0.154*	1	**0.092**	J	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1
1,2-Dichlorobenzene	95-50-1	210	ug/m3	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1
1,2-Dichloroethane	107-06-2	1.1	ug/m3	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1
1,2-Dichloropropane	78-87-5	4.2	ug/m3	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	63	ug/m3	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	0.998		0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	0.305	J	0.295	0.983	1
1,3-Butadiene	106-99-0	0.94	ug/m3	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1
1,3-Dichloropropane	142-28-9	NS	ug/m3	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1
1,4-Dichlorobenzene	106-46-7	2.6	ug/m3	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1
1,4-Dioxane (P-Dioxane)	123-91-1	5.6	ug/m3	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1
Acetone	67-64-1	NS	ug/m3	16.6		1.22	2.38	1	11.6		1.22	2.38	1	15.7		1.22	2.38	1	ND	U	1.22	2.38	1	9.76		1.22	2.38	1	24.2		1.22	2.38	1
Acrolein	107-02-8	0.021	ug/m3	**0.722**		*0.089*	*0.115*	1	**0.734**		*0.089*	*0.115*	1	**0.138**		*0.089*	*0.115*	1	**0.174**		*0.089*	*0.115*	1	**0.28**		*0.089*	*0.115*	1	**1.11**		*0.089*	*0.115*	1
Acrylonitrile	107-13-1	0.41	ug/m3	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1
Allyl Chloride (3-Chloropropene)	107-05-1	1	ug/m3	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1
Benzene	71-43-2	3.6	ug/m3	0.508	J	0.205	0.639	1	0.617	J	0.205	0.639	1	0.744		0.205	0.639	1	0.514	J	0.205	0.639	1	0.597	J	0.205	0.639	1	0.76		0.205	0.639	1
Benzyl Chloride	100-44-7	0.57	ug/m3	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1
Bromodichloromethane	75-27-4	0.76	ug/m3	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	0.094	J	0.05	0.134	1	ND	U	0.05	0.134	1	0.08	J	0.05	0.134	1
Bromoethene	593-60-2	1.9	ug/m3	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1
Bromoform	75-25-2	26	ug/m3	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1
Bromomethane	74-83-9	5.2	ug/m3	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1
Carbon Disulfide	75-15-0	730	ug/m3	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	0.349	J	0.145	0.623	1
Carbon Tetrachloride	56-23-5	4.7	ug/m3	0.503	J	0.432	1.26	1	ND	U	0.432	1.26	1	0.667	J	0.432	1.26	1	0.472	J	0.432	1.26	1	ND	U	0.432	1.26	1	0.56	J	0.432	1.26	1
Chlorobenzene	108-90-7	52	ug/m3	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1
Chloroethane	75-00-3	4200	ug/m3	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1
Chloroform	67-66-3	1.2	ug/m3	0.273	J	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1
Chloromethane	74-87-3	94	ug/m3	1.07		0.119	0.413	1	1.49		0.119	0.413	1	1.09		0.119	0.413	1	1.14		0.119	0.413	1	1.18		0.119	0.413	1	1.22		0.119	0.413	1
Cyclohexane	110-82-7	6300	ug/m3	0.423	J	0.251	0.688	1	2.13		0.251	0.688	1	0.991		0.251	0.688	1	0.334	J	0.251	0.688	1	0.344	J	0.251	0.688	1	0.675	J	0.251	0.688	1
Dibromochloromethane	124-48-1	NS	ug/m3	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1
Dichlorodifluoromethane	75-71-8	100	ug/m3	2.34		0.374	0.989	1	2.44		0.374	0.989	1	3.37		0.374	0.989	1	2.27		0.374	0.989	1	2.24		0.374	0.989	1	2.62		0.374	0.989	1
Ethylbenzene	100-41-4	11	ug/m3	ND	U	0.25	0.869	1	0.308	J	0.25	0.869	1	0.513	J	0.25	0.869	1	0.33	J	0.25	0.869	1	0.43	J	0.25	0.869	1	0.252	J	0.25	0.869	1
Isopropanol	67-63-0	210	ug/m3	2.11	J	0.669	2.46	1	11.7		0.669	2.46	1	1.05	J	0.669	2.46	1	1.42	J	0.669	2.46	1	7.47		0.669	2.46	1	6.46		0.669	2.46	1
Isopropylbenzene (Cumene)	98-82-8	420	ug/m3	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1
M,P-Xylene	179601-23-1	NS	ug/m3	1.62	J	0.543	1.74	1	1.06	J	0.543	1.74	1	3.82		0.543	1.74	1	1.38	J	0.543	1.74	1	1.72	J	0.543	1.74	1	2.4		0.543	1.74	1
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	3100	ug/m3	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1
Methyl Methacrylate	80-62-6	730	ug/m3	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1
Methylene Chloride	75-09-2	630	ug/m3	0.504	J	0.434	1.74	1	0.591	J	0.434	1.74	1	0.49	J	0.434	1.74	1	0.497	J	0.434	1.74	1	0.518	J	0.434	1.74	1	ND	U	0.434	1.74	1
Naphthalene	91-20-3	0.83	ug/m3	0.11	J	0.11	0.262	1	0.262		0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	0.204	J	0.11	0.262	1	ND	U	0.11	0.262	1
n-Hexane	110-54-3	730	ug/m3	2.34		0.262	0.705	1	22.8		0.262	0.705	1	5.53		0.262	0.705	1	1.51		0.262	0.705	1	5.04		0.262	0.705	1	4.41		0.262	0.705	1
o-Xylene (1,2-Dimethylbenzene)	95-47-6	100	ug/m3	0.43	J	0.27	0.869	1	0.334	J	0.27	0.869	1	1.41		0.27	0.869	1	0.543	J	0.27	0.869	1	0.673	J	0.27	0.869	1	0.491	J	0.27	0.869	1
Styrene	100-42-5	1000	ug/m3	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	110	ug/m3	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1
Tetrachloroethene (PCE)	127-18-4	42	ug/m3	ND	U	0.425	1.36	1	2.62		0.425	1.36	1	ND	U	0.425	1.36	1	0.461	J	0.425	1.36	1	ND	U	0.425	1.36	1	5.17		0.425	1.36	1
Tetrahydrofuran	109-99-9	2100	ug/m3	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1
Toluene	108-88-3	5200	ug/m3	2.05		0.327	0.754	1	1.7		0.327	0.754	1	2.65		0.327	0.754	1	2.12		0.327	0.754	1	2.73		0.327	0.754	1	2.85		0.327	0.754	1
Total Xylenes	1330-20-7	100	ug/m3	2.05	J	0.27	0.869	1	1.39	J	0.27	0.869	1	5.21		0.27	0.869	1	1.92	J	0.27	0.869	1	2.39	J	0.27	0.869	1	2.89	J	0.27	0.869	1
Trans-1,2-Dichloroethene	156-60-5	42	ug/m3	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1
Trichloroethene (TCE)	79-01-6	2.1	ug/m3	ND	U	0.295	1.07	1	0.688	J	0.295	1.07	1	ND	U	0.295	1.07	1	0.382	J	0.295	1.07	1	ND	U	0.295	1.07	1	1.55		0.295	1.07	1
Trichlorofluoromethane	75-69-4	NS	ug/m3	1.31		0.442	1.12	1	1.28		0.442	1.12	1	1.76		0.442	1.12	1	1.05	J	0.442	1.12	1	1.21		0.442	1.12	1	1.42		0.442	1.12	1
Vinyl Chloride	75-01-4	1.7	ug/m3	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1

See notes on last page.

Table 6
Perimeter Fenceline Air Results: May 27 - August 28, 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project #220240201

Analyte	CAS Number	EPA RSLs for Resident Air (THQ=1.0, TCR=1E-05)	Location	AA-1					AA-1					AA-1					AA-1					AA-1					AA-1				
			Sample Name	AA-1_20260615					AA-1_20260616					AA-1_20260617					AA-1_20260618					AA-1_20260619					AA-1_20260622				
			Sample Date	06/15/2026					06/16/2026					06/17/2026					06/18/2026					06/19/2026					06/22/2026				
			Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds																																	
1,1,1-Trichloroethane	71-55-6	5200	ug/m3	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1
1,1,2,2-Tetrachloroethane	79-34-5	0.48	ug/m3	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5200	ug/m3	0.567	J	0.388	1.53	1	0.628	J	0.388	1.53	1	0.59	J	0.388	1.53	1	0.514	J	0.388	1.53	1	0.575	J	0.388	1.53	1	0.881	J	0.388	1.53	1
1,1,2-Trichloroethane	79-00-5	0.21	ug/m3	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1
1,1-Dichloroethane	75-34-3	18	ug/m3	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1
1,1-Dichloroethene	75-35-4	4.1	ug/m3	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1
1,2,4-Trichlorobenzene	120-82-1	2.1	ug/m3	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1
1,2,4-Trimethylbenzene	95-63-6	63	ug/m3	ND	U	0.284	0.983	1	0.472	J	0.284	0.983	1	0.811	J	0.284	0.983	1	0.393	J	0.284	0.983	1	ND	U	0.284	0.983	1	0.659	J	0.284	0.983	1
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.047	ug/m3	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1
1,2-Dichlorobenzene	95-50-1	210	ug/m3	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1
1,2-Dichloroethane	107-06-2	1.1	ug/m3	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1
1,2-Dichloropropane	78-87-5	4.2	ug/m3	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	63	ug/m3	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1
1,3-Butadiene	106-99-0	0.94	ug/m3	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	0.816		0.137	0.442	1	ND	U	0.137	0.442	1	0.46		0.137	0.442	1	ND	U	0.137	0.442	1
1,3-Dichloropropane	142-28-9	NS	ug/m3	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1
1,4-Dichlorobenzene	106-46-7	2.6	ug/m3	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1
1,4-Dioxane (P-Dioxane)	123-91-1	5.6	ug/m3	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1
Acetone	67-64-1	NS	ug/m3	9.36		1.22	2.38	1	6.15		1.22	2.38	1	11.4		1.22	2.38	1	11.9		1.22	2.38	1	20.4		1.22	2.38	1	11		1.22	2.38	1
Acrolein	107-02-8	0.021	ug/m3	**0.154**		*0.089*	*0.115*	1	**0.142**		*0.089*	*0.115*	1	**0.268**		*0.089*	*0.115*	1	**0.374**		*0.089*	*0.115*	1	**0.296**		*0.089*	*0.115*	1	**0.312**		*0.089*	*0.115*	1
Acrylonitrile	107-13-1	0.41	ug/m3	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1
Allyl Chloride (3-Chloropropene)	107-05-1	1	ug/m3	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1
Benzene	71-43-2	3.6	ug/m3	ND	U	0.205	0.639	1	0.53	J	0.205	0.639	1	1.23		0.205	0.639	1	0.399	J	0.205	0.639	1	0.399	J	0.205	0.639	1	0.815		0.205	0.639	1
Benzyl Chloride	100-44-7	0.57	ug/m3	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1
Bromodichloromethane	75-27-4	0.76	ug/m3	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	0.134		0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	0.1	J	0.05	0.134	1
Bromoethene	593-60-2	1.9	ug/m3	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1
Bromoform	75-25-2	26	ug/m3	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1
Bromomethane	74-83-9	5.2	ug/m3	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1
Carbon Disulfide	75-15-0	730	ug/m3	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	0.371	J	0.145	0.623	1	ND	U	0.145	0.623	1	0.61	J	0.145	0.623	1	ND	U	0.145	0.623	1
Carbon Tetrachloride	56-23-5	4.7	ug/m3	0.447	J	0.432	1.26	1	0.484	J	0.432	1.26	1	0.478	J	0.432	1.26	1	0.56	J	0.432	1.26	1	0.541	J	0.432	1.26	1	ND	U	0.432	1.26	1
Chlorobenzene	108-90-7	52	ug/m3	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1
Chloroethane	75-00-3	4200	ug/m3	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1
Chloroform	67-66-3	1.2	ug/m3	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	0.293	J	0.27	0.977	1
Chloromethane	74-87-3	94	ug/m3	1.33		0.119	0.413	1	1.28		0.119	0.413	1	1.36		0.119	0.413	1	1.1		0.119	0.413	1	0.995		0.119	0.413	1	1.2		0.119	0.413	1
Cyclohexane	110-82-7	6300	ug/m3	ND	U	0.251	0.688	1	0.368	J	0.251	0.688	1	0.582	J	0.251	0.688	1	ND	U	0.251	0.688	1	3.14		0.251	0.688	1	0.678	J	0.251	0.688	1
Dibromochloromethane	124-48-1	NS	ug/m3	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1
Dichlorodifluoromethane	75-71-8	100	ug/m3	2.31		0.374	0.989	1	2.32		0.374	0.989	1	2.19		0.374	0.989	1	2.75		0.374	0.989	1	2.68		0.374	0.989	1	2.33		0.374	0.989	1
Ethylbenzene	100-41-4	11	ug/m3	ND	U	0.25	0.869	1	0.317	J	0.25	0.869	1	0.777	J	0.25	0.869	1	0.282	J	0.25	0.869	1	ND	U	0.25	0.869	1	0.413	J	0.25	0.869	1
Isopropanol	67-63-0	210	ug/m3	1.06	J	0.669	2.46	1	1.02	J	0.669	2.46	1	2.58		0.669	2.46	1	8.01		0.669	2.46	1	2.16	J	0.669	2.46	1	5.56		0.669	2.46	1
Isopropylbenzene (Cumene)	98-82-8	420	ug/m3	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	0.31	J	0.305	0.983	1	ND	U	0.305	0.983	1
M,P-Xylene	179601-23-1	NS	ug/m3	ND	U	0.543	1.74	1	1.73	J	0.543	1.74	1	3.04		0.543	1.74	1	1.06	J	0.543	1.74	1	0.995	J	0.543	1.74	1	2.4		0.543	1.74	1
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	3100	ug/m3	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	0.82	J	0.779	2.05	1	ND	U	0.779	2.05	1
Methyl Methacrylate	80-62-6	730	ug/m3	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	2.89		0.925	2.05	1	ND	U	0.925	2.05	1	12.4		0.925	2.05	1	ND	U	0.925	2.05	1
Methylene Chloride	75-09-2	630	ug/m3	0.448	J	0.434	1.74	1	0.455	J	0.434	1.74	1	0.504	J	0.434	1.74	1	ND	U	0.434	1.74	1	0.483	J	0.434	1.74	1	ND	U	0.434	1.74	1
Naphthalene	91-20-3	0.83	ug/m3	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	0.121	J	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1
n-Hexane	110-54-3	730	ug/m3	0.405	J	0.262	0.705	1	1.7		0.262	0.705	1	3.19		0.262	0.705	1	1.29		0.262	0.705	1	4.16		0.262	0.705	1	5.25		0.262	0.705	1
o-Xylene (1,2-Dimethylbenzene)	95-47-6	100	ug/m3	ND	U	0.27	0.869	1	0.513	J	0.27	0.869	1	1.19		0.27	0.869	1	0.404	J	0.27	0.869	1	0.508	J	0.27	0.869	1	0.699	J	0.27	0.869	1
Styrene	100-42-5	1000	ug/m3	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	110	ug/m3	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1
Tetrachloroethene (PCE)	127-18-4	42	ug/m3	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1
Tetrahydrofuran	109-99-9	2100	ug/m3	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	0.392	J	0.345	1.47	1	ND	U	0.345	1.47	1	0.513	J	0.345	1.47	1	ND	U	0.345	1.47	1
Toluene	108-88-3	5200	ug/m3	0.663	J	0.327	0.754	1	2.32		0.327	0.754	1	6.67		0.327	0.754	1	1.67		0.327	0.754	1	4.82		0.327	0.754	1	3.37		0.327	0.754	1
Total Xylenes	1330-20-7	100	ug/m3	ND	U	0.27	0.869	1	2.25	J	0.27	0.869	1	4.23		0.27	0.869	1	1.46	J	0.27	0.869	1	1.5	J	0.27	0.869	1	3.1	J	0.27	0.869	1
Trans-1,2-Dichloroethene	156-60-5	42	ug/m3	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1
Trichloroethene (TCE)	79-01-6	2.1	ug/m3	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1
Trichlorofluoromethane	75-69-4	NS	ug/m3	1.25		0.442	1.12	1	1.29		0.442	1.12	1	1.16		0.442	1.12	1	1.33		0.442	1.12	1	1.35		0.442	1.12	1	1.26		0.442	1.12	1
Vinyl Chloride	75-01-4	1.7	ug/m3	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1

See notes on last page.

Table 6
Perimeter Fenceline Air Results: May 27 - August 28, 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project #220240201

Analyte	CAS Number	EPA RSLs for Resident Air (THQ=1.0, TCR=1E-05)	Location	AA-1					AA-1					AA-1					AA-1					AA-1					AA-1				
			Sample Name	AA-1_20260623					AA-1_20260624					AA-1_20260625					AA-1_20260626					AA-1_20260629					AA-1_20260630				
			Sample Date	06/23/2026					06/24/2026					06/25/2026					06/26/2026					06/29/2026					06/30/2026				
			Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds																																	
1,1,1-Trichloroethane	71-55-6	5200	ug/m3	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1
1,1,2,2-Tetrachloroethane	79-34-5	0.48	ug/m3	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5200	ug/m3	0.56	J	0.388	1.53	1	0.537	J	0.388	1.53	1	0.537	J	0.388	1.53	1	0.59	J	0.388	1.53	1	0.613	J	0.388	1.53	1	0.575	J	0.388	1.53	1
1,1,2-Trichloroethane	79-00-5	0.21	ug/m3	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1
1,1-Dichloroethane	75-34-3	18	ug/m3	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1
1,1-Dichloroethene	75-35-4	4.1	ug/m3	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1
1,2,4-Trichlorobenzene	120-82-1	2.1	ug/m3	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1
1,2,4-Trimethylbenzene	95-63-6	63	ug/m3	0.383	J	0.284	0.983	1	0.324	J	0.284	0.983	1	0.457	J	0.284	0.983	1	0.497	J	0.284	0.983	1	0.428	J	0.284	0.983	1	1.1		0.284	0.983	1
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.047	ug/m3	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1
1,2-Dichlorobenzene	95-50-1	210	ug/m3	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1
1,2-Dichloroethane	107-06-2	1.1	ug/m3	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1
1,2-Dichloropropane	78-87-5	4.2	ug/m3	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	63	ug/m3	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	0.32	J	0.295	0.983	1
1,3-Butadiene	106-99-0	0.94	ug/m3	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1
1,3-Dichloropropane	142-28-9	NS	ug/m3	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1
1,4-Dichlorobenzene	106-46-7	2.6	ug/m3	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1
1,4-Dioxane (P-Dioxane)	123-91-1	5.6	ug/m3	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1
Acetone	67-64-1	NS	ug/m3	7.98		1.22	2.38	1	6.06		1.22	2.38	1	6.75		1.22	2.38	1	15.8		1.22	2.38	1	10.9		1.22	2.38	1	14		1.22	2.38	1
Acrolein	107-02-8	0.021	ug/m3	**0.163**		*0.089*	*0.115*	1	**0.149**		*0.089*	*0.115*	1	**0.16**		*0.089*	*0.115*	1	**0.307**		*0.089*	*0.115*	1	**0.277**		*0.089*	*0.115*	1	**0.438**		*0.089*	*0.115*	1
Acrylonitrile	107-13-1	0.41	ug/m3	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1
Allyl Chloride (3-Chloropropene)	107-05-1	1	ug/m3	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1
Benzene	71-43-2	3.6	ug/m3	0.351	J	0.205	0.639	1	1.38		0.205	0.639	1	0.45	J	0.205	0.639	1	0.693		0.205	0.639	1	0.409	J	0.205	0.639	1	0.914		0.205	0.639	1
Benzyl Chloride	100-44-7	0.57	ug/m3	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1
Bromodichloromethane	75-27-4	0.76	ug/m3	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1
Bromoethene	593-60-2	1.9	ug/m3	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1
Bromoform	75-25-2	26	ug/m3	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1
Bromomethane	74-83-9	5.2	ug/m3	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1
Carbon Disulfide	75-15-0	730	ug/m3	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1
Carbon Tetrachloride	56-23-5	4.7	ug/m3	ND	U	0.432	1.26	1	ND	U	0.432	1.26	1	ND	U	0.432	1.26	1	0.44	J	0.432	1.26	1	0.44	J	0.432	1.26	1	ND	U	0.432	1.26	1
Chlorobenzene	108-90-7	52	ug/m3	ND	U	0.238	0.921	1	0.345	J	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1
Chloroethane	75-00-3	4200	ug/m3	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1
Chloroform	67-66-3	1.2	ug/m3	0.273	J	0.27	0.977	1	0.293	J	0.27	0.977	1	0.308	J	0.27	0.977	1	ND	U	0.27	0.977	1	0.283	J	0.27	0.977	1	ND	U	0.27	0.977	1
Chloromethane	74-87-3	94	ug/m3	1.24		0.119	0.413	1	1.05		0.119	0.413	1	1.08		0.119	0.413	1	1.09		0.119	0.413	1	1.12		0.119	0.413	1	1.07		0.119	0.413	1
Cyclohexane	110-82-7	6300	ug/m3	ND	U	0.251	0.688	1	1.27		0.251	0.688	1	ND	U	0.251	0.688	1	0.582	J	0.251	0.688	1	ND	U	0.251	0.688	1	0.668	J	0.251	0.688	1
Dibromochloromethane	124-48-1	NS	ug/m3	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1
Dichlorodifluoromethane	75-71-8	100	ug/m3	2.64		0.374	0.989	1	3.35		0.374	0.989	1	2.43		0.374	0.989	1	1.88		0.374	0.989	1	2.76		0.374	0.989	1	2.47		0.374	0.989	1
Ethylbenzene	100-41-4	11	ug/m3	ND	U	0.25	0.869	1	1		0.25	0.869	1	0.282	J	0.25	0.869	1	0.369	J	0.25	0.869	1	0.278	J	0.25	0.869	1	0.639	J	0.25	0.869	1
Isopropanol	67-63-0	210	ug/m3	17.1		0.669	2.46	1	4.33		0.669	2.46	1	0.895	J	0.669	2.46	1	4.65		0.669	2.46	1	3.52		0.669	2.46	1	4.45		0.669	2.46	1
Isopropylbenzene (Cumene)	98-82-8	420	ug/m3	ND	U	0.305	0.983	1	0.944	J	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1
M,P-Xylene	179601-23-1	NS	ug/m3	0.938	J	0.543	1.74	1	2.18		0.543	1.74	1	1.06	J	0.543	1.74	1	2.32		0.543	1.74	1	0.973	J	0.543	1.74	1	3.38		0.543	1.74	1
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	3100	ug/m3	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1
Methyl Methacrylate	80-62-6	730	ug/m3	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1
Methylene Chloride	75-09-2	630	ug/m3	0.466	J	0.434	1.74	1	ND	U	0.434	1.74	1	0.434	J	0.434	1.74	1	0.472	J	0.434	1.74	1	0.466	J	0.434	1.74	1	0.438	J	0.434	1.74	1
Naphthalene	91-20-3	0.83	ug/m3	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1
n-Hexane	110-54-3	730	ug/m3	4.48		0.262	0.705	1	14.5		0.262	0.705	1	1		0.262	0.705	1	3.43		0.262	0.705	1	0.902		0.262	0.705	1	5.29		0.262	0.705	1
o-Xylene (1,2-Dimethylbenzene)	95-47-6	100	ug/m3	0.382	J	0.27	0.869	1	0.599	J	0.27	0.869	1	0.391	J	0.27	0.869	1	0.691	J	0.27	0.869	1	0.382	J	0.27	0.869	1	1.09		0.27	0.869	1
Styrene	100-42-5	1000	ug/m3	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	110	ug/m3	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1
Tetrachloroethene (PCE)	127-18-4	42	ug/m3	0.678	J	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	9.63		0.425	1.36	1	ND	U	0.425	1.36	1
Tetrahydrofuran	109-99-9	2100	ug/m3	ND	U	0.345	1.47	1	1.38	J	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1
Toluene	108-88-3	5200	ug/m3	1.74		0.327	0.754	1	1.65		0.327	0.754	1	1.84		0.327	0.754	1	2.91		0.327	0.754	1	1.72		0.327	0.754	1	4.6		0.327	0.754	1
Total Xylenes	1330-20-7	100	ug/m3	1.32	J	0.27	0.869	1	2.78	J	0.27	0.869	1	1.46	J	0.27	0.869	1	3.01	J	0.27	0.869	1	1.36	J	0.27	0.869	1	4.47		0.27	0.869	1
Trans-1,2-Dichloroethene	156-60-5	42	ug/m3	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1
Trichloroethene (TCE)	79-01-6	2.1	ug/m3	0.382	J	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1
Trichlorofluoromethane	75-69-4	NS	ug/m3	1.32		0.442	1.12	1	1.25		0.442	1.12	1	1.26		0.442	1.12	1	1.25		0.442	1.12	1	1.37		0.442	1.12	1	1.29		0.442	1.12	1
Vinyl Chloride	75-01-4	1.7	ug/m3	ND	U	0.149	0.511	1	0.833		0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1

See notes on last page.

Table 6
Perimeter Fenceline Air Results: May 27 - August 28, 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project #220240201

Analyte	CAS Number	EPA RSLs for Resident Air (THQ=1.0, TCR=1E-05)	Location	AA-1					AA-1					AA-1					AA-1					AA-1					AA-1				
			Sample Name	AA-1_20260701					AA-1_20260702					AA-1_20260706					AA-1_20260707					AA-1_20260708					AA-1_20260709				
			Sample Date	07/01/2026					07/02/2026					07/06/2026					07/07/2026					07/08/2026					07/09/2026				
			Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds																																	
1,1,1-Trichloroethane	71-55-6	5200	ug/m3	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1
1,1,2,2-Tetrachloroethane	79-34-5	0.48	ug/m3	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5200	ug/m3	0.56	J	0.388	1.53	1	0.498	J	0.388	1.53	1	0.636	J	0.388	1.53	1	0.56	J	0.388	1.53	1	0.651	J	0.388	1.53	1	0.506	J	0.388	1.53	1
1,1,2-Trichloroethane	79-00-5	0.21	ug/m3	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1
1,1-Dichloroethane	75-34-3	18	ug/m3	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1
1,1-Dichloroethene	75-35-4	4.1	ug/m3	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1
1,2,4-Trichlorobenzene	120-82-1	2.1	ug/m3	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1
1,2,4-Trimethylbenzene	95-63-6	63	ug/m3	0.831	J	0.284	0.983	1	ND	U	0.284	0.983	1	ND	U	0.284	0.983	1	0.305	J	0.284	0.983	1	0.442	J	0.284	0.983	1	1.08		0.284	0.983	1
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.047	ug/m3	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1
1,2-Dichlorobenzene	95-50-1	210	ug/m3	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1
1,2-Dichloroethane	107-06-2	1.1	ug/m3	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1
1,2-Dichloropropane	78-87-5	4.2	ug/m3	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	63	ug/m3	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1
1,3-Butadiene	106-99-0	0.94	ug/m3	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1
1,3-Dichloropropane	142-28-9	NS	ug/m3	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1
1,4-Dichlorobenzene	106-46-7	2.6	ug/m3	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1
1,4-Dioxane (P-Dioxane)	123-91-1	5.6	ug/m3	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1
Acetone	67-64-1	NS	ug/m3	10		1.22	2.38	1	19.5		1.22	2.38	1	8.65		1.22	2.38	1	7.89		1.22	2.38	1	9.76		1.22	2.38	1	ND	U	1.22	2.38	1
Acrolein	107-02-8	0.021	ug/m3	**0.31**		*0.089*	*0.115*	1	**0.337**		*0.089*	*0.115*	1	**0.298**		*0.089*	*0.115*	1	**0.243**		*0.089*	*0.115*	1	**0.282**		*0.089*	*0.115*	1	**0.193**		*0.089*	*0.115*	1
Acrylonitrile	107-13-1	0.41	ug/m3	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1
Allyl Chloride (3-Chloropropene)	107-05-1	1	ug/m3	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1
Benzene	71-43-2	3.6	ug/m3	0.696		0.205	0.639	1	0.505	J	0.205	0.639	1	0.281	J	0.205	0.639	1	0.815		0.205	0.639	1	0.594	J	0.205	0.639	1	1.21		0.205	0.639	1
Benzyl Chloride	100-44-7	0.57	ug/m3	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1
Bromodichloromethane	75-27-4	0.76	ug/m3	0.1	J	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	0.087	J	0.05	0.134	1	ND	U	0.05	0.134	1
Bromoethene	593-60-2	1.9	ug/m3	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1
Bromoform	75-25-2	26	ug/m3	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1
Bromomethane	74-83-9	5.2	ug/m3	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1
Carbon Disulfide	75-15-0	730	ug/m3	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1
Carbon Tetrachloride	56-23-5	4.7	ug/m3	0.453	J	0.432	1.26	1	0.535	J	0.432	1.26	1	ND	U	0.432	1.26	1	0.465	J	0.432	1.26	1	0.484	J	0.432	1.26	1	0.522	J	0.432	1.26	1
Chlorobenzene	108-90-7	52	ug/m3	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1
Chloroethane	75-00-3	4200	ug/m3	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1
Chloroform	67-66-3	1.2	ug/m3	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1
Chloromethane	74-87-3	94	ug/m3	1.18		0.119	0.413	1	0.958		0.119	0.413	1	1.17		0.119	0.413	1	1.33		0.119	0.413	1	1.36		0.119	0.413	1	0.89		0.119	0.413	1
Cyclohexane	110-82-7	6300	ug/m3	0.472	J	0.251	0.688	1	ND	U	0.251	0.688	1	ND	U	0.251	0.688	1	0.451	J	0.251	0.688	1	0.317	J	0.251	0.688	1	0.833		0.251	0.688	1
Dibromochloromethane	124-48-1	NS	ug/m3	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1
Dichlorodifluoromethane	75-71-8	100	ug/m3	2.26		0.374	0.989	1	1.78		0.374	0.989	1	2.32		0.374	0.989	1	2.38		0.374	0.989	1	2.35		0.374	0.989	1	1.79		0.374	0.989	1
Ethylbenzene	100-41-4	11	ug/m3	0.652	J	0.25	0.869	1	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1	0.395	J	0.25	0.869	1	0.795	J	0.25	0.869	1
Isopropanol	67-63-0	210	ug/m3	1.15	J	0.669	2.46	1	1.63	J	0.669	2.46	1	1.53	J	0.669	2.46	1	1.93	J	0.669	2.46	1	2.58		0.669	2.46	1	1.28	J	0.669	2.46	1
Isopropylbenzene (Cumene)	98-82-8	420	ug/m3	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1
M,P-Xylene	179601-23-1	NS	ug/m3	2.74		0.543	1.74	1	0.786	J	0.543	1.74	1	ND	U	0.543	1.74	1	1.55	J	0.543	1.74	1	1.49	J	0.543	1.74	1	3.51		0.543	1.74	1
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	3100	ug/m3	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1
Methyl Methacrylate	80-62-6	730	ug/m3	ND	U	0.925	2.05	1	1.73	J	0.925	2.05	1	1.24	J	0.925	2.05	1	6.88		0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1
Methylene Chloride	75-09-2	630	ug/m3	ND	U	0.434	1.74	1	ND	U	0.434	1.74	1	ND	U	0.434	1.74	1	0.445	J	0.434	1.74	1	0.452	J	0.434	1.74	1	ND	U	0.434	1.74	1
Naphthalene	91-20-3	0.83	ug/m3	0.115	J	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	0.142	J	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1
n-Hexane	110-54-3	730	ug/m3	2.06		0.262	0.705	1	1.03		0.262	0.705	1	0.536	J	0.262	0.705	1	2.82		0.262	0.705	1	1.5		0.262	0.705	1	3.13		0.262	0.705	1
o-Xylene (1,2-Dimethylbenzene)	95-47-6	100	ug/m3	1.07		0.27	0.869	1	0.317	J	0.27	0.869	1	ND	U	0.27	0.869	1	0.365	J	0.27	0.869	1	0.556	J	0.27	0.869	1	1.29		0.27	0.869	1
Styrene	100-42-5	1000	ug/m3	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	110	ug/m3	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1
Tetrachloroethene (PCE)	127-18-4	42	ug/m3	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1
Tetrahydrofuran	109-99-9	2100	ug/m3	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1
Toluene	108-88-3	5200	ug/m3	3.92		0.327	0.754	1	1.29		0.327	0.754	1	0.735	J	0.327	0.754	1	2.69		0.327	0.754	1	2.71		0.327	0.754	1	5.54		0.327	0.754	1
Total Xylenes	1330-20-7	100	ug/m3	3.8		0.27	0.869	1	1.1	J	0.27	0.869	1	ND	U	0.27	0.869	1	1.91	J	0.27	0.869	1	2.04	J	0.27	0.869	1	4.78		0.27	0.869	1
Trans-1,2-Dichloroethene	156-60-5	42	ug/m3	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1
Trichloroethene (TCE)	79-01-6	2.1	ug/m3	0.897	J	0.295	1.07	1	ND	U	0.295	1.07	1	1.88		0.295	1.07	1	0.5	J	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1
Trichlorofluoromethane	75-69-4	NS	ug/m3	1.13		0.442	1.12	1	1.16		0.442	1.12	1	1.25		0.442	1.12	1	1.26		0.442	1.12	1	1.33		0.442	1.12	1	1.16		0.442	1.12	1
Vinyl Chloride	75-01-4	1.7	ug/m3	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1

See notes on last page.

Table 6
Perimeter Fenceline Air Results: May 27 - August 28, 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project #220240201

Analyte	CAS Number	EPA RSLs for Resident Air (THQ=1.0, TCR=1E-05)	Location	AA-1					AA-1					AA-1					AA-1					AA-1					AA-1				
			Sample Name	AA-1_20260710					AA-1_20260713					AA-1_20260714					AA-1_20260715					AA-1_20260716					AA-1_20260717				
			Sample Date	07/10/2026					07/13/2026					07/14/2026					07/15/2026					07/16/2026					07/17/2026				
			Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds																																	
1,1,1-Trichloroethane	71-55-6	5200	ug/m3	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1
1,1,2,2-Tetrachloroethane	79-34-5	0.48	ug/m3	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5200	ug/m3	0.491	J	0.388	1.53	1	0.437	J	0.388	1.53	1	0.544	J	0.388	1.53	1	0.575	J	0.388	1.53	1	0.506	J	0.388	1.53	1	0.613	J	0.388	1.53	1
1,1,2-Trichloroethane	79-00-5	0.21	ug/m3	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1
1,1-Dichloroethane	75-34-3	18	ug/m3	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1
1,1-Dichloroethene	75-35-4	4.1	ug/m3	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1
1,2,4-Trichlorobenzene	120-82-1	2.1	ug/m3	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1
1,2,4-Trimethylbenzene	95-63-6	63	ug/m3	ND	U	0.284	0.983	1	0.511	J	0.284	0.983	1	0.32	J	0.284	0.983	1	0.403	J	0.284	0.983	1	ND	U	0.284	0.983	1	0.472	J	0.284	0.983	1
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.047	ug/m3	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1
1,2-Dichlorobenzene	95-50-1	210	ug/m3	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1
1,2-Dichloroethane	107-06-2	1.1	ug/m3	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1
1,2-Dichloropropane	78-87-5	4.2	ug/m3	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	63	ug/m3	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1
1,3-Butadiene	106-99-0	0.94	ug/m3	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	0.246	J	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1
1,3-Dichloropropane	142-28-9	NS	ug/m3	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1
1,4-Dichlorobenzene	106-46-7	2.6	ug/m3	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1
1,4-Dioxane (P-Dioxane)	123-91-1	5.6	ug/m3	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1
Acetone	67-64-1	NS	ug/m3	13		1.22	2.38	1	6.94		1.22	2.38	1	30.6		1.22	2.38	1	13		1.22	2.38	1	13		1.22	2.38	1	17.8		1.22	2.38	1
Acrolein	107-02-8	0.021	ug/m3	**0.367**		*0.089*	*0.115*	1	**0.147**		*0.089*	*0.115*	1	**0.282**		*0.089*	*0.115*	1	**0.271**		*0.089*	*0.115*	1	**0.481**		*0.089*	*0.115*	1	**0.931**		*0.089*	*0.115*	1
Acrylonitrile	107-13-1	0.41	ug/m3	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1
Allyl Chloride (3-Chloropropene)	107-05-1	1	ug/m3	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1
Benzene	71-43-2	3.6	ug/m3	0.313	J	0.205	0.639	1	0.671		0.205	0.639	1	0.406	J	0.205	0.639	1	1.68		0.205	0.639	1	1.99		0.205	0.639	1	**3.87**		0.205	0.639	1
Benzyl Chloride	100-44-7	0.57	ug/m3	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1
Bromodichloromethane	75-27-4	0.76	ug/m3	0.08	J	0.05	0.134	1	0.08	J	0.05	0.134	1	ND	U	0.05	0.134	1	0.107	J	0.05	0.134	1	0.067	J	0.05	0.134	1	0.1	J	0.05	0.134	1
Bromoethene	593-60-2	1.9	ug/m3	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1
Bromoform	75-25-2	26	ug/m3	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1
Bromomethane	74-83-9	5.2	ug/m3	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1
Carbon Disulfide	75-15-0	730	ug/m3	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1
Carbon Tetrachloride	56-23-5	4.7	ug/m3	0.484	J	0.432	1.26	1	0.497	J	0.432	1.26	1	ND	U	0.432	1.26	1	0.465	J	0.432	1.26	1	0.472	J	0.432	1.26	1	ND	U	0.432	1.26	1
Chlorobenzene	108-90-7	52	ug/m3	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1
Chloroethane	75-00-3	4200	ug/m3	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1
Chloroform	67-66-3	1.2	ug/m3	0.322	J	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	0.303	J	0.27	0.977	1	0.469	J	0.27	0.977	1
Chloromethane	74-87-3	94	ug/m3	0.855		0.119	0.413	1	1.25		0.119	0.413	1	1.04		0.119	0.413	1	1.18		0.119	0.413	1	1.31		0.119	0.413	1	1.5		0.119	0.413	1
Cyclohexane	110-82-7	6300	ug/m3	ND	U	0.251	0.688	1	0.317	J	0.251	0.688	1	ND	U	0.251	0.688	1	1.05		0.251	0.688	1	ND	U	0.251	0.688	1	0.713		0.251	0.688	1
Dibromochloromethane	124-48-1	NS	ug/m3	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1
Dichlorodifluoromethane	75-71-8	100	ug/m3	1.87		0.374	0.989	1	2.24		0.374	0.989	1	2.27		0.374	0.989	1	2.36		0.374	0.989	1	2.43		0.374	0.989	1	2.62		0.374	0.989	1
Ethylbenzene	100-41-4	11	ug/m3	ND	U	0.25	0.869	1	0.334	J	0.25	0.869	1	0.604	J	0.25	0.869	1	0.291	J	0.25	0.869	1	0.256	J	0.25	0.869	1	0.361	J	0.25	0.869	1
Isopropanol	67-63-0	210	ug/m3	2.1	J	0.669	2.46	1	3.56		0.669	2.46	1	3.88		0.669	2.46	1	3.24		0.669	2.46	1	2.16	J	0.669	2.46	1	7.64		0.669	2.46	1
Isopropylbenzene (Cumene)	98-82-8	420	ug/m3	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1
M,P-Xylene	179601-23-1	NS	ug/m3	ND	U	0.543	1.74	1	1.3	J	0.543	1.74	1	2.18		0.543	1.74	1	2.35		0.543	1.74	1	0.747	J	0.543	1.74	1	1.58	J	0.543	1.74	1
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	3100	ug/m3	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1
Methyl Methacrylate	80-62-6	730	ug/m3	ND	U	0.925	2.05	1	1.09	J	0.925	2.05	1	ND	U	0.925	2.05	1	9.79		0.925	2.05	1	ND	U	0.925	2.05	1	14.5		0.925	2.05	1
Methylene Chloride	75-09-2	630	ug/m3	ND	U	0.434	1.74	1	ND	U	0.434	1.74	1	0.462	J	0.434	1.74	1	0.483	J	0.434	1.74	1	0.452	J	0.434	1.74	1	0.528	J	0.434	1.74	1
Naphthalene	91-20-3	0.83	ug/m3	0.204	J	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	0.11	J	0.11	0.262	1	0.142	J	0.11	0.262	1
n-Hexane	110-54-3	730	ug/m3	0.663	J	0.262	0.705	1	2.59		0.262	0.705	1	1.03		0.262	0.705	1	7.65		0.262	0.705	1	1.28		0.262	0.705	1	5.78		0.262	0.705	1
o-Xylene (1,2-Dimethylbenzene)	95-47-6	100	ug/m3	ND	U	0.27	0.869	1	0.486	J	0.27	0.869	1	0.578	J	0.27	0.869	1	0.482	J	0.27	0.869	1	0.313	J	0.27	0.869	1	0.46	J	0.27	0.869	1
Styrene	100-42-5	1000	ug/m3	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	110	ug/m3	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1
Tetrachloroethene (PCE)	127-18-4	42	ug/m3	4.08		0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1
Tetrahydrofuran	109-99-9	2100	ug/m3	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1
Toluene	108-88-3	5200	ug/m3	0.573	J	0.327	0.754	1	2.41		0.327	0.754	1	1.49		0.327	0.754	1	4.79		0.327	0.754	1	1.79		0.327	0.754	1	4.22		0.327	0.754	1
Total Xylenes	1330-20-7	100	ug/m3	ND	U	0.27	0.869	1	1.79	J	0.27	0.869	1	2.76	J	0.27	0.869	1	2.84	J	0.27	0.869	1	1.06	J	0.27	0.869	1	2.04	J	0.27	0.869	1
Trans-1,2-Dichloroethene	156-60-5	42	ug/m3	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1
Trichloroethene (TCE)	79-01-6	2.1	ug/m3	0.795	J	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	0.967	J	0.295	1.07	1	0.946	J	0.295	1.07	1	0.855	J	0.295	1.07	1
Trichlorofluoromethane	75-69-4	NS	ug/m3	1.17		0.442	1.12	1	1.07	J	0.442	1.12	1	1.13		0.442	1.12	1	1.23		0.442	1.12	1	1.17		0.442	1.12	1	1.42		0.442	1.12	1
Vinyl Chloride	75-01-4	1.7	ug/m3	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1

See notes on last page.

Table 6
Perimeter Fenceline Air Results: May 27 - August 28, 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project #220240201

Analyte	CAS Number	EPA RSLs for Resident Air (THQ=1.0, TCR=1E-05)	Location	AA-1					AA-1					AA-1					AA-1					AA-1					AA-1				
			Sample Name	AA-1_20260720					AA-1_20260721					AA-1_20260722					AA-1_20260723					AA-1_20260724					AA-1_20260727				
			Sample Date	07/20/2026					07/21/2026					07/22/2026					07/23/2026					07/24/2026					07/27/2026				
			Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds																																	
1,1,1-Trichloroethane	71-55-6	5200	ug/m3	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1
1,1,2,2-Tetrachloroethane	79-34-5	0.48	ug/m3	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5200	ug/m3	0.552	J	0.388	1.53	1	0.552	J	0.388	1.53	1	0.598	J	0.388	1.53	1	0.529	J	0.388	1.53	1	0.544	J	0.388	1.53	1	0.59	J	0.388	1.53	1
1,1,2-Trichloroethane	79-00-5	0.21	ug/m3	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1
1,1-Dichloroethane	75-34-3	18	ug/m3	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1
1,1-Dichloroethene	75-35-4	4.1	ug/m3	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1
1,2,4-Trichlorobenzene	120-82-1	2.1	ug/m3	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1
1,2,4-Trimethylbenzene	95-63-6	63	ug/m3	0.467	J	0.284	0.983	1	0.683	J	0.284	0.983	1	0.305	J	0.284	0.983	1	ND	U	0.284	0.983	1	0.619	J	0.284	0.983	1	0.909	J	0.284	0.983	1
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.047	ug/m3	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1
1,2-Dichlorobenzene	95-50-1	210	ug/m3	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1
1,2-Dichloroethane	107-06-2	1.1	ug/m3	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1
1,2-Dichloropropane	78-87-5	4.2	ug/m3	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	63	ug/m3	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	0.31	J	0.295	0.983	1
1,3-Butadiene	106-99-0	0.94	ug/m3	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1
1,3-Dichloropropane	142-28-9	NS	ug/m3	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1
1,4-Dichlorobenzene	106-46-7	2.6	ug/m3	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1
1,4-Dioxane (P-Dioxane)	123-91-1	5.6	ug/m3	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1
Acetone	67-64-1	NS	ug/m3	9.19		1.22	2.38	1	6.89		1.22	2.38	1	13.2		1.22	2.38	1	5.13		1.22	2.38	1	8.5		1.22	2.38	1	2.16	J	1.22	2.38	1
Acrolein	107-02-8	0.021	ug/m3	**0.151**		*0.089*	*0.115*	1	**0.218**		*0.089*	*0.115*	1	**0.355**		*0.089*	*0.115*	1	**0.119**		*0.089*	*0.115*	1	**0.61**		*0.089*	*0.115*	1	**0.167**		*0.089*	*0.115*	1
Acrylonitrile	107-13-1	0.41	ug/m3	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1
Allyl Chloride (3-Chloropropene)	107-05-1	1	ug/m3	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1
Benzene	71-43-2	3.6	ug/m3	0.926		0.205	0.639	1	1.24		0.205	0.639	1	0.409	J	0.205	0.639	1	0.268	J	0.205	0.639	1	0.799		0.205	0.639	1	1.37		0.205	0.639	1
Benzyl Chloride	100-44-7	0.57	ug/m3	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1
Bromodichloromethane	75-27-4	0.76	ug/m3	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1
Bromoethene	593-60-2	1.9	ug/m3	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1
Bromoform	75-25-2	26	ug/m3	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1
Bromomethane	74-83-9	5.2	ug/m3	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1
Carbon Disulfide	75-15-0	730	ug/m3	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	0.206	J	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1
Carbon Tetrachloride	56-23-5	4.7	ug/m3	0.465	J	0.432	1.26	1	0.484	J	0.432	1.26	1	0.453	J	0.432	1.26	1	ND	U	0.432	1.26	1	ND	U	0.432	1.26	1	0.503	J	0.432	1.26	1
Chlorobenzene	108-90-7	52	ug/m3	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1
Chloroethane	75-00-3	4200	ug/m3	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1
Chloroform	67-66-3	1.2	ug/m3	0.327	J	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	0.317	J	0.27	0.977	1	0.62	J	0.27	0.977	1
Chloromethane	74-87-3	94	ug/m3	1.07		0.119	0.413	1	1.23		0.119	0.413	1	1.21		0.119	0.413	1	1.01		0.119	0.413	1	1.17		0.119	0.413	1	1.32		0.119	0.413	1
Cyclohexane	110-82-7	6300	ug/m3	0.461	J	0.251	0.688	1	0.685	J	0.251	0.688	1	ND	U	0.251	0.688	1	ND	U	0.251	0.688	1	0.585	J	0.251	0.688	1	1.16		0.251	0.688	1
Dibromochloromethane	124-48-1	NS	ug/m3	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1
Dichlorodifluoromethane	75-71-8	100	ug/m3	2.25		0.374	0.989	1	2.36		0.374	0.989	1	2.59		0.374	0.989	1	2.2		0.374	0.989	1	2.2		0.374	0.989	1	2.58		0.374	0.989	1
Ethylbenzene	100-41-4	11	ug/m3	0.53	J	0.25	0.869	1	0.652	J	0.25	0.869	1	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1	0.569	J	0.25	0.869	1	0.795	J	0.25	0.869	1
Isopropanol	67-63-0	210	ug/m3	12.8		0.669	2.46	1	2.88		0.669	2.46	1	4.74		0.669	2.46	1	1.11	J	0.669	2.46	1	2.51		0.669	2.46	1	7.87		0.669	2.46	1
Isopropylbenzene (Cumene)	98-82-8	420	ug/m3	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1
M,P-Xylene	179601-23-1	NS	ug/m3	1.69	J	0.543	1.74	1	2.51		0.543	1.74	1	0.769	J	0.543	1.74	1	ND	U	0.543	1.74	1	2.2		0.543	1.74	1	4		0.543	1.74	1
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	3100	ug/m3	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1
Methyl Methacrylate	80-62-6	730	ug/m3	1.51	J	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1
Methylene Chloride	75-09-2	630	ug/m3	0.472	J	0.434	1.74	1	ND	U	0.434	1.74	1	0.448	J	0.434	1.74	1	ND	U	0.434	1.74	1	ND	U	0.434	1.74	1	ND	U	0.434	1.74	1
Naphthalene	91-20-3	0.83	ug/m3	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1
n-Hexane	110-54-3	730	ug/m3	1.76		0.262	0.705	1	1.7		0.262	0.705	1	2.25		0.262	0.705	1	0.596	J	0.262	0.705	1	2.17		0.262	0.705	1	5.22		0.262	0.705	1
o-Xylene (1,2-Dimethylbenzene)	95-47-6	100	ug/m3	0.682	J	0.27	0.869	1	0.973		0.27	0.869	1	0.326	J	0.27	0.869	1	ND	U	0.27	0.869	1	0.847	J	0.27	0.869	1	1.25		0.27	0.869	1
Styrene	100-42-5	1000	ug/m3	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	110	ug/m3	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1
Tetrachloroethene (PCE)	127-18-4	42	ug/m3	4.62		0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1
Tetrahydrofuran	109-99-9	2100	ug/m3	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1
Toluene	108-88-3	5200	ug/m3	4.33		0.327	0.754	1	5.16		0.327	0.754	1	1.21		0.327	0.754	1	0.795		0.327	0.754	1	3.88		0.327	0.754	1	6.93		0.327	0.754	1
Total Xylenes	1330-20-7	100	ug/m3	2.38	J	0.27	0.869	1	3.48		0.27	0.869	1	1.09	J	0.27	0.869	1	ND	U	0.27	0.869	1	3.04	J	0.27	0.869	1	5.26		0.27	0.869	1
Trans-1,2-Dichloroethene	156-60-5	42	ug/m3	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1
Trichloroethene (TCE)	79-01-6	2.1	ug/m3	1.21		0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1
Trichlorofluoromethane	75-69-4	NS	ug/m3	1.17		0.442	1.12	1	1.17		0.442	1.12	1	1.45		0.442	1.12	1	1.11	J	0.442	1.12	1	1.1	J	0.442	1.12	1	1.35		0.442	1.12	1
Vinyl Chloride	75-01-4	1.7	ug/m3	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1

See notes on last page.

Table 6
Perimeter Fenceline Air Results: May 27 - August 28, 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project #220240201

Analyte	CAS Number	EPA RSLs for Resident Air (THQ=1.0, TCR=1E-05)	Location	AA-1					AA-1					AA-1					AA-1					AA-1					AA-1				
			Sample Name	AA-1_20260728					AA-1_20260729					AA-1_20260730					AA-1_20260731					AA-1_20260803					AA-1_20260804				
			Sample Date	07/28/2026					07/29/2026					07/30/2026					07/31/2026					08/03/2026					08/04/2026				
			Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds																																
1,1,1-Trichloroethane	71-55-6	5200	ug/m3	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	22		0.335	1.09	1	ND	U	0.335	1.09	1
1,1,2,2-Tetrachloroethane	79-34-5	0.48	ug/m3	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5200	ug/m3	0.529	J	0.388	1.53	1	0.575	J	0.388	1.53	1	0.567	J	0.388	1.53	1	0.636	J	0.388	1.53	1	0.636	J	0.388	1.53	1	0.606	J	0.388	1.53	1
1,1,2-Trichloroethane	79-00-5	0.21	ug/m3	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1
1,1-Dichloroethane	75-34-3	18	ug/m3	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1
1,1-Dichloroethene	75-35-4	4.1	ug/m3	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1
1,2,4-Trichlorobenzene	120-82-1	2.1	ug/m3	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1
1,2,4-Trimethylbenzene	95-63-6	63	ug/m3	0.998		0.284	0.983	1	ND	U	0.284	0.983	1	0.305	J	0.284	0.983	1	0.521	J	0.284	0.983	1	0.452	J	0.284	0.983	1	0.973	J	0.284	0.983	1
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.047	ug/m3	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1
1,2-Dichlorobenzene	95-50-1	210	ug/m3	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1
1,2-Dichloroethane	107-06-2	1.1	ug/m3	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1
1,2-Dichloropropane	78-87-5	4.2	ug/m3	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	63	ug/m3	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1
1,3-Butadiene	106-99-0	0.94	ug/m3	0.206	J	0.137	0.442	1	ND	U	0.137	0.442	1	0.312	J	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1
1,3-Dichloropropane	142-28-9	NS	ug/m3	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1
1,4-Dichlorobenzene	106-46-7	2.6	ug/m3	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1
1,4-Dioxane (P-Dioxane)	123-91-1	5.6	ug/m3	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1
Acetone	67-64-1	NS	ug/m3	1.91	J	1.22	2.38	1	11.3		1.22	2.38	1	9		1.22	2.38	1	10.2		1.22	2.38	1	13.4		1.22	2.38	1	6.79		1.22	2.38	1
Acrolein	107-02-8	0.021	ug/m3	**0.165**		*0.089*	*0.115*	1	**0.218**		*0.089*	*0.115*	1	**0.225**		*0.089*	*0.115*	1	**0.273**		*0.089*	*0.115*	1	**0.183**		*0.089*	*0.115*	1	**0.17**		*0.089*	*0.115*	1
Acrylonitrile	107-13-1	0.41	ug/m3	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1
Allyl Chloride (3-Chloropropene)	107-05-1	1	ug/m3	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1
Benzene	71-43-2	3.6	ug/m3	1.51		0.205	0.639	1	0.811		0.205	0.639	1	0.361	J	0.205	0.639	1	0.926		0.205	0.639	1	0.527	J	0.205	0.639	1	0.891		0.205	0.639	1
Benzyl Chloride	100-44-7	0.57	ug/m3	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1
Bromodichloromethane	75-27-4	0.76	ug/m3	ND	U	0.05	0.134	1	0.087	J	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1
Bromoethene	593-60-2	1.9	ug/m3	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1
Bromoform	75-25-2	26	ug/m3	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1
Bromomethane	74-83-9	5.2	ug/m3	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1
Carbon Disulfide	75-15-0	730	ug/m3	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1
Carbon Tetrachloride	56-23-5	4.7	ug/m3	0.484	J	0.432	1.26	1	0.497	J	0.432	1.26	1	0.572	J	0.432	1.26	1	0.541	J	0.432	1.26	1	0.61	J	0.432	1.26	1	0.56	J	0.432	1.26	1
Chlorobenzene	108-90-7	52	ug/m3	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1
Chloroethane	75-00-3	4200	ug/m3	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1
Chloroform	67-66-3	1.2	ug/m3	ND	U	0.27	0.977	1	0.332	J	0.27	0.977	1	0.288	J	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	0.796	J	0.27	0.977	1
Chloromethane	74-87-3	94	ug/m3	1.34		0.119	0.413	1	1.19		0.119	0.413	1	1.29		0.119	0.413	1	1.42		0.119	0.413	1	1.6		0.119	0.413	1	1.29		0.119	0.413	1
Cyclohexane	110-82-7	6300	ug/m3	1.4		0.251	0.688	1	0.427	J	0.251	0.688	1	ND	U	0.251	0.688	1	0.802		0.251	0.688	1	0.275	J	0.251	0.688	1	0.675	J	0.251	0.688	1
Dibromochloromethane	124-48-1	NS	ug/m3	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1
Dichlorodifluoromethane	75-71-8	100	ug/m3	2.51		0.374	0.989	1	2.47		0.374	0.989	1	2.64		0.374	0.989	1	2.73		0.374	0.989	1	2.85		0.374	0.989	1	2.66		0.374	0.989	1
Ethylbenzene	100-41-4	11	ug/m3	1.17		0.25	0.869	1	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1	0.413	J	0.25	0.869	1	0.317	J	0.25	0.869	1	0.573	J	0.25	0.869	1
Isopropanol	67-63-0	210	ug/m3	0.878	J	0.669	2.46	1	1.62	J	0.669	2.46	1	1.16	J	0.669	2.46	1	9.93		0.669	2.46	1	1.61	J	0.669	2.46	1	6.29		0.669	2.46	1
Isopropylbenzene (Cumene)	98-82-8	420	ug/m3	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1
M,P-Xylene	179601-23-1	NS	ug/m3	4.82		0.543	1.74	1	1.05	J	0.543	1.74	1	0.56	J	0.543	1.74	1	2.19		0.543	1.74	1	1.31	J	0.543	1.74	1	3.04		0.543	1.74	1
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	3100	ug/m3	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1
Methyl Methacrylate	80-62-6	730	ug/m3	ND	U	0.925	2.05	1	14.3		0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1
Methylene Chloride	75-09-2	630	ug/m3	ND	U	0.434	1.74	1	0.507	J	0.434	1.74	1	ND	U	0.434	1.74	1	0.455	J	0.434	1.74	1	ND	U	0.434	1.74	1	0.455	J	0.434	1.74	1
Naphthalene	91-20-3	0.83	ug/m3	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1
n-Hexane	110-54-3	730	ug/m3	3.67		0.262	0.705	1	2.3		0.262	0.705	1	0.328	J	0.262	0.705	1	3.77		0.262	0.705	1	0.92		0.262	0.705	1	2.67		0.262	0.705	1
o-Xylene (1,2-Dimethylbenzene)	95-47-6	100	ug/m3	1.73		0.27	0.869	1	0.3	J	0.27	0.869	1	ND	U	0.27	0.869	1	0.695	J	0.27	0.869	1	0.53	J	0.27	0.869	1	0.995		0.27	0.869	1
Styrene	100-42-5	1000	ug/m3	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	110	ug/m3	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1
Tetrachloroethene (PCE)	127-18-4	42	ug/m3	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	1.63		0.425	1.36	1
Tetrahydrofuran	109-99-9	2100	ug/m3	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1
Toluene	108-88-3	5200	ug/m3	9.04		0.327	0.754	1	2.31		0.327	0.754	1	0.814		0.327	0.754	1	3.36		0.327	0.754	1	1.81		0.327	0.754	1	4.15		0.327	0.754	1
Total Xylenes	1330-20-7	100	ug/m3	6.56		0.27	0.869	1	1.35	J	0.27	0.869	1	0.56	J	0.27	0.869	1	2.88	J	0.27	0.869	1	1.84	J	0.27	0.869	1	4.04		0.27	0.869	1
Trans-1,2-Dichloroethene	156-60-5	42	ug/m3	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1
Trichloroethene (TCE)	79-01-6	2.1	ug/m3	ND	U	0.295	1.07	1	0.559	J	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1
Trichlorofluoromethane	75-69-4	NS	ug/m3	1.26		0.442	1.12	1	1.37		0.442	1.12	1	1.4		0.442	1.12	1	1.4		0.442	1.12	1	1.5		0.442	1.12	1	1.38		0.442	1.12	1
Vinyl Chloride	75-01-4	1.7	ug/m3	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1

See notes on last page.

Table 6
Perimeter Fenceline Air Results: May 27 - August 28, 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project #220240201

Analyte	CAS Number	EPA RSLs for Resident Air (THQ=1.0, TCR=1E-05)	Location	AA-1					AA-1					AA-1					AA-1					AA-1					AA-1				
			Sample Name	AA-1_20260805					AA-1_20260806					AA-1_20260807					AA-1_20260810					AA-1_20260811					AA-1_20260812				
			Sample Date	08/05/2026					08/06/2026					08/07/2026					08/10/2026					08/11/2026					08/12/2026				
			Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds																																	
1,1,1-Trichloroethane	71-55-6	5200	ug/m3	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1
1,1,2,2-Tetrachloroethane	79-34-5	0.48	ug/m3	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5200	ug/m3	0.475	J	0.388	1.53	1	0.468	J	0.388	1.53	1	0.651	J	0.388	1.53	1	0.651	J	0.388	1.53	1	0.498	J	0.388	1.53	1	0.544	J	0.388	1.53	1
1,1,2-Trichloroethane	79-00-5	0.21	ug/m3	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1
1,1-Dichloroethane	75-34-3	18	ug/m3	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1
1,1-Dichloroethene	75-35-4	4.1	ug/m3	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1
1,2,4-Trichlorobenzene	120-82-1	2.1	ug/m3	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1
1,2,4-Trimethylbenzene	95-63-6	63	ug/m3	0.58	J	0.284	0.983	1	0.905	J	0.284	0.983	1	0.521	J	0.284	0.983	1	0.733	J	0.284	0.983	1	ND	U	0.284	0.983	1	ND	U	0.284	0.983	1
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.047	ug/m3	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1
1,2-Dichlorobenzene	95-50-1	210	ug/m3	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1
1,2-Dichloroethane	107-06-2	1.1	ug/m3	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1
1,2-Dichloropropane	78-87-5	4.2	ug/m3	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	63	ug/m3	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	0.3	J	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1
1,3-Butadiene	106-99-0	0.94	ug/m3	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1
1,3-Dichloropropane	142-28-9	NS	ug/m3	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1
1,4-Dichlorobenzene	106-46-7	2.6	ug/m3	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1
1,4-Dioxane (P-Dioxane)	123-91-1	5.6	ug/m3	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1
Acetone	67-64-1	NS	ug/m3	5.56		1.22	2.38	1	7.6		1.22	2.38	1	13.2		1.22	2.38	1	24.2		1.22	2.38	1	8.03		1.22	2.38	1	8.62		1.22	2.38	1
Acrolein	107-02-8	0.021	ug/m3	**0.202**		*0.089*	*0.115*	1	**0.124**		*0.089*	*0.115*	1	**0.766**		*0.089*	*0.115*	1	**0.718**		*0.089*	*0.115*	1	**0.177**		*0.089*	*0.115*	1	**0.307**		*0.089*	*0.115*	1
Acrylonitrile	107-13-1	0.41	ug/m3	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	**0.972**	J	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1
Allyl Chloride (3-Chloropropene)	107-05-1	1	ug/m3	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1
Benzene	71-43-2	3.6	ug/m3	0.891		0.205	0.639	1	1.25		0.205	0.639	1	0.706		0.205	0.639	1	1.95		0.205	0.639	1	0.457	J	0.205	0.639	1	0.473	J	0.205	0.639	1
Benzyl Chloride	100-44-7	0.57	ug/m3	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1
Bromodichloromethane	75-27-4	0.76	ug/m3	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	0.127	J	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1
Bromoethene	593-60-2	1.9	ug/m3	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1
Bromoform	75-25-2	26	ug/m3	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1
Bromomethane	74-83-9	5.2	ug/m3	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1
Carbon Disulfide	75-15-0	730	ug/m3	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1
Carbon Tetrachloride	56-23-5	4.7	ug/m3	0.51	J	0.432	1.26	1	0.503	J	0.432	1.26	1	ND	U	0.432	1.26	1	0.472	J	0.432	1.26	1	0.478	J	0.432	1.26	1	0.566	J	0.432	1.26	1
Chlorobenzene	108-90-7	52	ug/m3	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1
Chloroethane	75-00-3	4200	ug/m3	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1
Chloroform	67-66-3	1.2	ug/m3	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	0.386	J	0.27	0.977	1	ND	U	0.27	0.977	1	0.283	J	0.27	0.977	1
Chloromethane	74-87-3	94	ug/m3	1.13		0.119	0.413	1	1.34		0.119	0.413	1	1.51		0.119	0.413	1	2.07		0.119	0.413	1	1.33		0.119	0.413	1	1.01		0.119	0.413	1
Cyclohexane	110-82-7	6300	ug/m3	0.726		0.251	0.688	1	0.943		0.251	0.688	1	0.523	J	0.251	0.688	1	0.967		0.251	0.688	1	ND	U	0.251	0.688	1	ND	U	0.251	0.688	1
Dibromochloromethane	124-48-1	NS	ug/m3	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1
Dichlorodifluoromethane	75-71-8	100	ug/m3	2.47		0.374	0.989	1	2.4		0.374	0.989	1	2.46		0.374	0.989	1	2.42		0.374	0.989	1	2.46		0.374	0.989	1	2.68		0.374	0.989	1
Ethylbenzene	100-41-4	11	ug/m3	0.586	J	0.25	0.869	1	0.734	J	0.25	0.869	1	0.426	J	0.25	0.869	1	0.556	J	0.25	0.869	1	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1
Isopropanol	67-63-0	210	ug/m3	3.17		0.669	2.46	1	1.24	J	0.669	2.46	1	2.32	J	0.669	2.46	1	7.08		0.669	2.46	1	1.08	J	0.669	2.46	1	2.12	J	0.669	2.46	1
Isopropylbenzene (Cumene)	98-82-8	420	ug/m3	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	2.35		0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1
M,P-Xylene	179601-23-1	NS	ug/m3	2.15		0.543	1.74	1	3.8		0.543	1.74	1	1.7	J	0.543	1.74	1	2.86		0.543	1.74	1	ND	U	0.543	1.74	1	0.66	J	0.543	1.74	1
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	3100	ug/m3	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1
Methyl Methacrylate	80-62-6	730	ug/m3	1.43	J	0.925	2.05	1	ND	U	0.925	2.05	1	2.06		0.925	2.05	1	142		0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1
Methylene Chloride	75-09-2	630	ug/m3	ND	U	0.434	1.74	1	ND	U	0.434	1.74	1	0.441	J	0.434	1.74	1	2.5		0.434	1.74	1	ND	U	0.434	1.74	1	ND	U	0.434	1.74	1
Naphthalene	91-20-3	0.83	ug/m3	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	0.115	J	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1
n-Hexane	110-54-3	730	ug/m3	2.98		0.262	0.705	1	4.79		0.262	0.705	1	2.17		0.262	0.705	1	7.4		0.262	0.705	1	0.465	J	0.262	0.705	1	0.592	J	0.262	0.705	1
o-Xylene (1,2-Dimethylbenzene)	95-47-6	100	ug/m3	0.847	J	0.27	0.869	1	1.23		0.27	0.869	1	0.708	J	0.27	0.869	1	0.795	J	0.27	0.869	1	ND	U	0.27	0.869	1	ND	U	0.27	0.869	1
Styrene	100-42-5	1000	ug/m3	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	0.988		0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	110	ug/m3	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1
Tetrachloroethene (PCE)	127-18-4	42	ug/m3	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1
Tetrahydrofuran	109-99-9	2100	ug/m3	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	0.959	J	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1
Toluene	108-88-3	5200	ug/m3	4.86		0.327	0.754	1	5.69		0.327	0.754	1	3.47		0.327	0.754	1	5.24		0.327	0.754	1	0.61	J	0.327	0.754	1	0.972		0.327	0.754	1
Total Xylenes	1330-20-7	100	ug/m3	3	J	0.27	0.869	1	5.04		0.27	0.869	1	2.41	J	0.27	0.869	1	3.65	J	0.27	0.869	1	ND	U	0.27	0.869	1	0.66	J	0.27	0.869	1
Trans-1,2-Dichloroethene	156-60-5	42	ug/m3	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1
Trichloroethene (TCE)	79-01-6	2.1	ug/m3	0.554	J	0.295	1.07	1	ND	U	0.295	1.07	1	0.72	J	0.295	1.07	1	1.91		0.032	0.107	1	0.672	J	0.295	1.07	1	ND	U	0.295	1.07	1
Trichlorofluoromethane	75-69-4	NS	ug/m3	1.19		0.442	1.12	1	1.12	J	0.442	1.12	1	1.2		0.442	1.12	1	1.23		0.442	1.12	1	1.22		0.442	1.12	1	1.35		0.442	1.12	1
Vinyl Chloride	75-01-4	1.7	ug/m3	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1

See notes on last page.

Table 6
Perimeter Fenceline Air Results: May 27 - August 28, 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project #220240201

Analyte	CAS Number	EPA RSLs for Resident Air (THQ=1.0, TCR=1E-05)	Location	AA-1					AA-1					AA-1					AA-1					AA-1					AA-1				
			Sample Name	AA-1_20260813					AA-1_20260814					AA-1_20260817					AA-1_20260818					AA-1_20260819					AA-1_20260820				
			Sample Date	08/13/2026					08/14/2026					08/17/2026					08/18/2026					08/19/2026					08/20/2026				
			Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds																																	
1,1,1-Trichloroethane	71-55-6	5200	ug/m3	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1
1,1,2,2-Tetrachloroethane	79-34-5	0.48	ug/m3	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5200	ug/m3	0.583	J	0.388	1.53	1	0.583	J	0.388	1.53	1	0.491	J	0.388	1.53	1	0.506	J	0.388	1.53	1	0.475	J	0.388	1.53	1	0.483	J	0.388	1.53	1
1,1,2-Trichloroethane	79-00-5	0.21	ug/m3	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1
1,1-Dichloroethane	75-34-3	18	ug/m3	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1
1,1-Dichloroethene	75-35-4	4.1	ug/m3	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1
1,2,4-Trichlorobenzene	120-82-1	2.1	ug/m3	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1
1,2,4-Trimethylbenzene	95-63-6	63	ug/m3	ND	U	0.284	0.983	1	0.492	J	0.284	0.983	1	0.364	J	0.284	0.983	1	0.334	J	0.284	0.983	1	ND	U	0.284	0.983	1	0.398	J	0.284	0.983	1
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.047	ug/m3	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1
1,2-Dichlorobenzene	95-50-1	210	ug/m3	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1
1,2-Dichloroethane	107-06-2	1.1	ug/m3	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1
1,2-Dichloropropane	78-87-5	4.2	ug/m3	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	63	ug/m3	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1
1,3-Butadiene	106-99-0	0.94	ug/m3	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	0.369	J	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1
1,3-Dichloropropane	142-28-9	NS	ug/m3	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1
1,4-Dichlorobenzene	106-46-7	2.6	ug/m3	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1
1,4-Dioxane (P-Dioxane)	123-91-1	5.6	ug/m3	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1
Acetone	67-64-1	NS	ug/m3	16.6		1.22	2.38	1	12.9		1.22	2.38	1	10.6		1.22	2.38	1	8.79		1.22	2.38	1	10.1		1.22	2.38	1	7.6		1.22	2.38	1
Acrolein	107-02-8	0.021	ug/m3	**50.4**		*0.089*	*0.115*	1	**0.376**		*0.089*	*0.115*	1	**0.484**		*0.089*	*0.115*	1	**0.183**		*0.089*	*0.115*	1	**0.183**		*0.089*	*0.115*	1	**0.181**		*0.089*	*0.115*	1
Acrylonitrile	107-13-1	0.41	ug/m3	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1
Allyl Chloride (3-Chloropropene)	107-05-1	1	ug/m3	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1
Benzene	71-43-2	3.6	ug/m3	0.537	J	0.205	0.639	1	1.35		0.205	0.639	1	0.486	J	0.205	0.639	1	0.671		0.205	0.639	1	0.383	J	0.205	0.639	1	0.629	J	0.205	0.639	1
Benzyl Chloride	100-44-7	0.57	ug/m3	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1
Bromodichloromethane	75-27-4	0.76	ug/m3	ND	U	0.05	0.134	1	0.114	J	0.05	0.134	1	ND	U	0.05	0.134	1	0.074	J	0.05	0.134	1	0.08	J	0.05	0.134	1	0.087	J	0.05	0.134	1
Bromoethene	593-60-2	1.9	ug/m3	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1
Bromoform	75-25-2	26	ug/m3	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1
Bromomethane	74-83-9	5.2	ug/m3	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1
Carbon Disulfide	75-15-0	730	ug/m3	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1
Carbon Tetrachloride	56-23-5	4.7	ug/m3	0.535	J	0.432	1.26	1	ND	U	0.432	1.26	1	0.453	J	0.432	1.26	1	0.478	J	0.432	1.26	1	ND	U	0.432	1.26	1	0.434	J	0.432	1.26	1
Chlorobenzene	108-90-7	52	ug/m3	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1
Chloroethane	75-00-3	4200	ug/m3	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1
Chloroform	67-66-3	1.2	ug/m3	0.313	J	0.27	0.977	1	0.518	J	0.27	0.977	1	0.317	J	0.27	0.977	1	0.435	J	0.27	0.977	1	0.615	J	0.27	0.977	1	0.498	J	0.27	0.977	1
Chloromethane	74-87-3	94	ug/m3	1.34		0.119	0.413	1	1.36		0.119	0.413	1	1.3		0.119	0.413	1	1.28		0.119	0.413	1	1.2		0.119	0.413	1	1.17		0.119	0.413	1
Cyclohexane	110-82-7	6300	ug/m3	ND	U	0.251	0.688	1	0.678	J	0.251	0.688	1	ND	U	0.251	0.688	1	0.268	J	0.251	0.688	1	ND	U	0.251	0.688	1	ND	U	0.251	0.688	1
Dibromochloromethane	124-48-1	NS	ug/m3	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1
Dichlorodifluoromethane	75-71-8	100	ug/m3	2.62		0.374	0.989	1	2.38		0.374	0.989	1	2.25		0.374	0.989	1	2.34		0.374	0.989	1	2.22		0.374	0.989	1	2.22		0.374	0.989	1
Ethylbenzene	100-41-4	11	ug/m3	ND	U	0.25	0.869	1	0.391	J	0.25	0.869	1	0.265	J	0.25	0.869	1	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1	0.378	J	0.25	0.869	1
Isopropanol	67-63-0	210	ug/m3	5.11		0.669	2.46	1	6.66		0.669	2.46	1	2.73		0.669	2.46	1	0.858	J	0.669	2.46	1	2.88		0.669	2.46	1	1.09	J	0.669	2.46	1
Isopropylbenzene (Cumene)	98-82-8	420	ug/m3	ND	U	0.305	0.983	1	0.59	J	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1
M,P-Xylene	179601-23-1	NS	ug/m3	0.578	J	0.543	1.74	1	1.82		0.543	1.74	1	0.934	J	0.543	1.74	1	1.29	J	0.543	1.74	1	ND	U	0.543	1.74	1	1.27	J	0.543	1.74	1
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	3100	ug/m3	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1
Methyl Methacrylate	80-62-6	730	ug/m3	ND	U	0.925	2.05	1	29.6		0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1
Methylene Chloride	75-09-2	630	ug/m3	0.441	J	0.434	1.74	1	0.525	J	0.434	1.74	1	ND	U	0.434	1.74	1	ND	U	0.434	1.74	1	ND	U	0.434	1.74	1	ND	U	0.434	1.74	1
Naphthalene	91-20-3	0.83	ug/m3	ND	U	0.11	0.262	1	0.199	J	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1
n-Hexane	110-54-3	730	ug/m3	1.14		0.262	0.705	1	5		0.262	0.705	1	1.21		0.262	0.705	1	2.06		0.262	0.705	1	0.754		0.262	0.705	1	1.1		0.262	0.705	1
o-Xylene (1,2-Dimethylbenzene)	95-47-6	100	ug/m3	ND	U	0.27	0.869	1	0.552	J	0.27	0.869	1	0.382	J	0.27	0.869	1	0.352	J	0.27	0.869	1	ND	U	0.27	0.869	1	0.478	J	0.27	0.869	1
Styrene	100-42-5	1000	ug/m3	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	110	ug/m3	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1
Tetrachloroethene (PCE)	127-18-4	42	ug/m3	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1
Tetrahydrofuran	109-99-9	2100	ug/m3	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1
Toluene	108-88-3	5200	ug/m3	1.01		0.327	0.754	1	3.88		0.327	0.754	1	1.64		0.327	0.754	1	1.83		0.327	0.754	1	1.03		0.327	0.754	1	2.45		0.327	0.754	1
Total Xylenes	1330-20-7	100	ug/m3	0.578	J	0.27	0.869	1	2.37	J	0.27	0.869	1	1.32	J	0.27	0.869	1	1.65	J	0.27	0.869	1	ND	U	0.27	0.869	1	1.75	J	0.27	0.869	1
Trans-1,2-Dichloroethene	156-60-5	42	ug/m3	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1
Trichloroethene (TCE)	79-01-6	2.1	ug/m3	0.618	J	0.295	1.07	1	1.93		0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	0.58	J	0.295	1.07	1	ND	U	0.295	1.07	1
Trichlorofluoromethane	75-69-4	NS	ug/m3	1.49		0.442	1.12	1	1.28		0.442	1.12	1	1.18		0.442	1.12	1	1.2		0.442	1.12	1	1.14		0.442	1.12	1	1.16		0.442	1.12	1
Vinyl Chloride	75-01-4	1.7	ug/m3	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1

See notes on last page.

Table 6
Perimeter Fenceline Air Results: May 27 - August 28, 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project #220240201

Analyte	CAS Number	EPA RSLs for Resident Air (THQ=1.0, TCR=1E-05)	Location	AA-1					AA-1					AA-1					AA-1					AA-1					AA-1				
			Sample Name	AA-1_20260821					AA-1_20260824					AA-1_20260825					AA-1_20260826					AA-1_20260827					AA-1_20260828				
			Sample Date	08/21/2026					08/24/2026					08/25/2026					08/26/2026					08/27/2026					08/28/2026				
			Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds																																
1,1,1-Trichloroethane	71-55-6	5200	ug/m3	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1
1,1,2,2-Tetrachloroethane	79-34-5	0.48	ug/m3	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5200	ug/m3	0.797	J	0.388	1.53	1	0.544	J	0.388	1.53	1	0.659	J	0.388	1.53	1	0.514	J	0.388	1.53	1	0.567	J	0.388	1.53	1	0.606	J	0.388	1.53	1
1,1,2-Trichloroethane	79-00-5	0.21	ug/m3	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1
1,1-Dichloroethane	75-34-3	18	ug/m3	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1
1,1-Dichloroethene	75-35-4	4.1	ug/m3	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1
1,2,4-Trichlorobenzene	120-82-1	2.1	ug/m3	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1
1,2,4-Trimethylbenzene	95-63-6	63	ug/m3	ND	U	0.284	0.983	1	0.305	J	0.284	0.983	1	0.305	J	0.284	0.983	1	1.16		0.284	0.983	1	1.62		0.284	0.983	1	0.418	J	0.284	0.983	1
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.047	ug/m3	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1
1,2-Dichlorobenzene	95-50-1	210	ug/m3	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1
1,2-Dichloroethane	107-06-2	1.1	ug/m3	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1
1,2-Dichloropropane	78-87-5	4.2	ug/m3	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	63	ug/m3	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	0.305	J	0.295	0.983	1	0.452	J	0.295	0.983	1	ND	U	0.295	0.983	1
1,3-Butadiene	106-99-0	0.94	ug/m3	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1
1,3-Dichloropropane	142-28-9	NS	ug/m3	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1
1,4-Dichlorobenzene	106-46-7	2.6	ug/m3	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1
1,4-Dioxane (P-Dioxane)	123-91-1	5.6	ug/m3	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1
Acetone	67-64-1	NS	ug/m3	15.9		1.22	2.38	1	14.6		1.22	2.38	1	12.8		1.22	2.38	1	5.99		1.22	2.38	1	9.19		1.22	2.38	1	8.58		1.22	2.38	1
Acrolein	107-02-8	0.021	ug/m3	**0.773**		*0.089*	*0.115*	1	**0.55**		*0.089*	*0.115*	1	**0.8**		*0.089*	*0.115*	1	**0.222**		*0.089*	*0.115*	1	**0.243**		*0.089*	*0.115*	1	**0.31**		*0.089*	*0.115*	1
Acrylonitrile	107-13-1	0.41	ug/m3	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1
Allyl Chloride (3-Chloropropene)	107-05-1	1	ug/m3	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1
Benzene	71-43-2	3.6	ug/m3	0.518	J	0.205	0.639	1	0.987		0.205	0.639	1	0.454	J	0.205	0.639	1	1.21		0.205	0.639	1	1.4		0.205	0.639	1	0.907		0.205	0.639	1
Benzyl Chloride	100-44-7	0.57	ug/m3	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1
Bromodichloromethane	75-27-4	0.76	ug/m3	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1
Bromoethene	593-60-2	1.9	ug/m3	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1
Bromoform	75-25-2	26	ug/m3	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1
Bromomethane	74-83-9	5.2	ug/m3	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1
Carbon Disulfide	75-15-0	730	ug/m3	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1
Carbon Tetrachloride	56-23-5	4.7	ug/m3	0.51	J	0.432	1.26	1	ND	U	0.432	1.26	1	ND	U	0.432	1.26	1	0.434	J	0.432	1.26	1	0.459	J	0.432	1.26	1	0.44	J	0.432	1.26	1
Chlorobenzene	108-90-7	52	ug/m3	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1
Chloroethane	75-00-3	4200	ug/m3	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1
Chloroform	67-66-3	1.2	ug/m3	0.293	J	0.27	0.977	1	0.571	J	0.27	0.977	1	0.498	J	0.27	0.977	1	0.493	J	0.27	0.977	1	ND	U	0.27	0.977	1	0.396	J	0.27	0.977	1
Chloromethane	74-87-3	94	ug/m3	2.15		0.119	0.413	1	0.88		0.119	0.413	1	1.51		0.119	0.413	1	1.12		0.119	0.413	1	1.25		0.119	0.413	1	1.31		0.119	0.413	1
Cyclohexane	110-82-7	6300	ug/m3	0.499	J	0.251	0.688	1	0.75		0.251	0.688	1	ND	U	0.251	0.688	1	0.978		0.251	0.688	1	1.27		0.251	0.688	1	0.416	J	0.251	0.688	1
Dibromochloromethane	124-48-1	NS	ug/m3	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1
Dichlorodifluoromethane	75-71-8	100	ug/m3	2.34		0.374	0.989	1	1.07		0.374	0.989	1	2.28		0.374	0.989	1	2.36		0.374	0.989	1	2.36		0.374	0.989	1	2.7		0.374	0.989	1
Ethylbenzene	100-41-4	11	ug/m3	ND	U	0.25	0.869	1	0.265	J	0.25	0.869	1	ND	U	0.25	0.869	1	1.26		0.25	0.869	1	1.54		0.25	0.869	1	ND	U	0.25	0.869	1
Isopropanol	67-63-0	210	ug/m3	3.49		0.669	2.46	1	0.89	J	0.669	2.46	1	4.52		0.669	2.46	1	2.53		0.669	2.46	1	1.69	J	0.669	2.46	1	1.38	J	0.669	2.46	1
Isopropylbenzene (Cumene)	98-82-8	420	ug/m3	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1
M,P-Xylene	179601-23-1	NS	ug/m3	0.673	J	0.543	1.74	1	1.29	J	0.543	1.74	1	0.821	J	0.543	1.74	1	4.6		0.543	1.74	1	5.95		0.543	1.74	1	1.28	J	0.543	1.74	1
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	3100	ug/m3	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1
Methyl Methacrylate	80-62-6	730	ug/m3	ND	U	0.925	2.05	1	18.1		0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	10.9		0.925	2.05	1
Methylene Chloride	75-09-2	630	ug/m3	0.445	J	0.434	1.74	1	ND	U	0.434	1.74	1	ND	U	0.434	1.74	1	ND	U	0.434	1.74	1	ND	U	0.434	1.74	1	ND	U	0.434	1.74	1
Naphthalene	91-20-3	0.83	ug/m3	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1
n-Hexane	110-54-3	730	ug/m3	0.983		0.262	0.705	1	3.41		0.262	0.705	1	1.61		0.262	0.705	1	3.08		0.262	0.705	1	3.41		0.262	0.705	1	2.81		0.262	0.705	1
o-Xylene (1,2-Dimethylbenzene)	95-47-6	100	ug/m3	0.308	J	0.27	0.869	1	0.308	J	0.27	0.869	1	0.347	J	0.27	0.869	1	1.88		0.27	0.869	1	2.38		0.27	0.869	1	0.374	J	0.27	0.869	1
Styrene	100-42-5	1000	ug/m3	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	110	ug/m3	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1
Tetrachloroethene (PCE)	127-18-4	42	ug/m3	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1
Tetrahydrofuran	109-99-9	2100	ug/m3	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1
Toluene	108-88-3	5200	ug/m3	1.23		0.327	0.754	1	2.36		0.327	0.754	1	1.36		0.327	0.754	1	7.8		0.327	0.754	1	8.71		0.327	0.754	1	2.73		0.327	0.754	1
Total Xylenes	1330-20-7	100	ug/m3	0.982	J	0.27	0.869	1	1.59	J	0.27	0.869	1	1.17	J	0.27	0.869	1	6.52		0.27	0.869	1	8.34		0.27	0.869	1	1.65	J	0.27	0.869	1
Trans-1,2-Dichloroethene	156-60-5	42	ug/m3	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1
Trichloroethene (TCE)	79-01-6	2.1	ug/m3	0.65	J	0.295	1.07	1	0.731	J	0.295	1.07	1	0.795	J	0.295	1.07	1	ND	U	0.295	1.07	1	0.462	J	0.295	1.07	1	0.715	J	0.295	1.07	1
Trichlorofluoromethane	75-69-4	NS	ug/m3	1.21		0.442	1.12	1	1.09	J	0.442	1.12	1	1.21		0.442	1.12	1	1.16		0.442	1.12	1	1.18		0.442	1.12	1	1.38		0.442	1.12	1
Vinyl Chloride	75-01-4	1.7	ug/m3	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1

See notes on last page.

Table 6
Perimeter Fenceline Air Results: May 27 - August 28, 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project #220240201

Analyte	CAS Number	EPA RSLs for Resident Air (THQ=1.0, TCR=1E-05)	Location	AA-2					AA-2					AA-2					AA-2					AA-2					AA-2				
			Sample Name	AA-2_20260527					AA-2_20260528					AA-2_20260529					AA-2_20260602					AA-2_20260603					AA-2_20260604				
			Sample Date	05/27/2026					05/28/2026					05/29/2026					06/02/2026					06/03/2026					06/04/2026				
			Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds																																
1,1,1-Trichloroethane	71-55-6	5200	ug/m3	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1
1,1,2,2-Tetrachloroethane	79-34-5	0.48	ug/m3	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5200	ug/m3	0.529	J	0.388	1.53	1	0.537	J	0.388	1.53	1	0.537	J	0.388	1.53	1	0.437	J	0.388	1.53	1	0.552	J	0.388	1.53	1	0.56	J	0.388	1.53	1
1,1,2-Trichloroethane	79-00-5	0.21	ug/m3	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1
1,1-Dichloroethane	75-34-3	18	ug/m3	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1
1,1-Dichloroethene	75-35-4	4.1	ug/m3	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1
1,2,4-Trichlorobenzene	120-82-1	2.1	ug/m3	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1
1,2,4-Trimethylbenzene	95-63-6	63	ug/m3	ND	U	0.284	0.983	1	ND	U	0.284	0.983	1	ND	U	0.284	0.983	1	ND	U	0.284	0.983	1	ND	U	0.284	0.983	1	ND	U	0.284	0.983	1
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.047	ug/m3	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1
1,2-Dichlorobenzene	95-50-1	210	ug/m3	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1
1,2-Dichloroethane	107-06-2	1.1	ug/m3	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1
1,2-Dichloropropane	78-87-5	4.2	ug/m3	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	63	ug/m3	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1
1,3-Butadiene	106-99-0	0.94	ug/m3	0.396	J	0.137	0.442	1	0.15	J	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1
1,3-Dichloropropane	142-28-9	NS	ug/m3	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1
1,4-Dichlorobenzene	106-46-7	2.6	ug/m3	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1
1,4-Dioxane (P-Dioxane)	123-91-1	5.6	ug/m3	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1
Acetone	67-64-1	NS	ug/m3	8.86		1.22	2.38	1	9.17		1.22	2.38	1	9.76		1.22	2.38	1	4.75		1.22	2.38	1	8.46		1.22	2.38	1	15.4		1.22	2.38	1
Acrolein	107-02-8	0.021	ug/m3	**0.236**		*0.089*	*0.115*	1	**0.174**		*0.089*	*0.115*	1	**0.514**		*0.089*	*0.115*	1	**0.188**		*0.089*	*0.115*	1	**0.211**		*0.089*	*0.115*	1	**0.887**		*0.089*	*0.115*	1
Acrylonitrile	107-13-1	0.41	ug/m3	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1
Allyl Chloride (3-Chloropropene)	107-05-1	1	ug/m3	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1
Benzene	71-43-2	3.6	ug/m3	0.415	J	0.205	0.639	1	0.348	J	0.205	0.639	1	ND	U	0.205	0.639	1	0.23	J	0.205	0.639	1	ND	U	0.205	0.639	1	0.259	J	0.205	0.639	1
Benzyl Chloride	100-44-7	0.57	ug/m3	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1
Bromodichloromethane	75-27-4	0.76	ug/m3	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1
Bromoethene	593-60-2	1.9	ug/m3	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1
Bromoform	75-25-2	26	ug/m3	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1
Bromomethane	74-83-9	5.2	ug/m3	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1
Carbon Disulfide	75-15-0	730	ug/m3	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1
Carbon Tetrachloride	56-23-5	4.7	ug/m3	0.503	J	0.432	1.26	1	ND	U	0.432	1.26	1	0.44	J	0.432	1.26	1	ND	U	0.432	1.26	1	0.547	J	0.432	1.26	1	0.453	J	0.432	1.26	1
Chlorobenzene	108-90-7	52	ug/m3	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1
Chloroethane	75-00-3	4200	ug/m3	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1
Chloroform	67-66-3	1.2	ug/m3	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1
Chloromethane	74-87-3	94	ug/m3	1.25		0.119	0.413	1	1.24		0.119	0.413	1	1.27		0.119	0.413	1	1.04		0.119	0.413	1	1.13		0.119	0.413	1	1.13		0.119	0.413	1
Cyclohexane	110-82-7	6300	ug/m3	0.337	J	0.251	0.688	1	ND	U	0.251	0.688	1	ND	U	0.251	0.688	1	ND	U	0.251	0.688	1	ND	U	0.251	0.688	1	ND	U	0.251	0.688	1
Dibromochloromethane	124-48-1	NS	ug/m3	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1
Dichlorodifluoromethane	75-71-8	100	ug/m3	2.55		0.374	0.989	1	2.24		0.374	0.989	1	2.37		0.374	0.989	1	2.17		0.374	0.989	1	2.61		0.374	0.989	1	2.57		0.374	0.989	1
Ethylbenzene	100-41-4	11	ug/m3	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1
Isopropanol	67-63-0	210	ug/m3	1.6	J	0.669	2.46	1	8.28		0.669	2.46	1	19.5		0.669	2.46	1	0.811	J	0.669	2.46	1	1.3	J	0.669	2.46	1	3.2		0.669	2.46	1
Isopropylbenzene (Cumene)	98-82-8	420	ug/m3	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1
M,P-Xylene	179601-23-1	NS	ug/m3	ND	U	0.543	1.74	1	0.791	J	0.543	1.74	1	ND	U	0.543	1.74	1	ND	U	0.543	1.74	1	ND	U	0.543	1.74	1	ND	U	0.543	1.74	1
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	3100	ug/m3	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1
Methyl Methacrylate	80-62-6	730	ug/m3	ND	U	0.925	2.05	1	3.67		0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1
Methylene Chloride	75-09-2	630	ug/m3	0.528	J	0.434	1.74	1	0.535	J	0.434	1.74	1	0.552	J	0.434	1.74	1	0.459	J	0.434	1.74	1	0.497	J	0.434	1.74	1	0.601	J	0.434	1.74	1
Naphthalene	91-20-3	0.83	ug/m3	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	0.157	J	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1
n-Hexane	110-54-3	730	ug/m3	1.02		0.262	0.705	1	0.543	J	0.262	0.705	1	4.79		0.262	0.705	1	0.367	J	0.262	0.705	1	0.62	J	0.262	0.705	1	0.634	J	0.262	0.705	1
o-Xylene (1,2-Dimethylbenzene)	95-47-6	100	ug/m3	ND	U	0.27	0.869	1	ND	U	0.27	0.869	1	ND	U	0.27	0.869	1	ND	U	0.27	0.869	1	ND	U	0.27	0.869	1	ND	U	0.27	0.869	1
Styrene	100-42-5	1000	ug/m3	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	110	ug/m3	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1
Tetrachloroethene (PCE)	127-18-4	42	ug/m3	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1
Tetrahydrofuran	109-99-9	2100	ug/m3	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1
Toluene	108-88-3	5200	ug/m3	0.953		0.327	0.754	1	1.39		0.327	0.754	1	0.577	J	0.327	0.754	1	0.78		0.327	0.754	1	0.384	J	0.327	0.754	1	0.799		0.327	0.754	1
Total Xylenes	1330-20-7	100	ug/m3	ND	U	0.27	0.869	1	0.791	J	0.27	0.869	1	ND	U	0.27	0.869	1	ND	U	0.27	0.869	1	ND	U	0.27	0.869	1	ND	U	0.27	0.869	1
Trans-1,2-Dichloroethene	156-60-5	42	ug/m3	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1
Trichloroethene (TCE)	79-01-6	2.1	ug/m3	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	1.02	J	0.295	1.07	1	ND	U	0.295	1.07	1
Trichlorofluoromethane	75-69-4	NS	ug/m3	1.34		0.442	1.12	1	1.17		0.442	1.12	1	1.19		0.442	1.12	1	0.967	J	0.442	1.12	1	1.39		0.442	1.12	1	1.29		0.442	1.12	1
Vinyl Chloride	75-01-4	1.7	ug/m3	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1

See notes on last page.

Table 6
Perimeter Fenceline Air Results: May 27 - August 28, 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project #220240201

Analyte	CAS Number	EPA RSLs for Resident Air (THQ=1.0, TCR=1E-05)	Location	AA-2					AA-2					AA-2					AA-2					AA-2					AA-2				
			Sample Name	AA-2_20260605					AA-2_20260608					AA-2_20260610					AA-2_20260611					AA-2_20260612					AA-2_20260615				
			Sample Date	06/05/2026					06/08/2026					06/10/2026					06/11/2026					06/12/2026					06/15/2026				
			Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds																																
1,1,1-Trichloroethane	71-55-6	5200	ug/m3	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1
1,1,2,2-Tetrachloroethane	79-34-5	0.48	ug/m3	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5200	ug/m3	0.537	J	0.388	1.53	1	0.728	J	0.388	1.53	1	0.613	J	0.388	1.53	1	0.498	J	0.388	1.53	1	2.14		0.388	1.53	1	0.682	J	0.388	1.53	1
1,1,2-Trichloroethane	79-00-5	0.21	ug/m3	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1
1,1-Dichloroethane	75-34-3	18	ug/m3	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1
1,1-Dichloroethene	75-35-4	4.1	ug/m3	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1
1,2,4-Trichlorobenzene	120-82-1	2.1	ug/m3	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1
1,2,4-Trimethylbenzene	95-63-6	63	ug/m3	ND	U	0.284	0.983	1	ND	U	0.284	0.983	1	0.364	J	0.284	0.983	1	0.3	J	0.284	0.983	1	ND	U	0.284	0.983	1	ND	U	0.284	0.983	1
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.047	ug/m3	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1
1,2-Dichlorobenzene	95-50-1	210	ug/m3	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1
1,2-Dichloroethane	107-06-2	1.1	ug/m3	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1
1,2-Dichloropropane	78-87-5	4.2	ug/m3	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	63	ug/m3	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1
1,3-Butadiene	106-99-0	0.94	ug/m3	0.301	J	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	0.451		0.137	0.442	1
1,3-Dichloropropane	142-28-9	NS	ug/m3	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1
1,4-Dichlorobenzene	106-46-7	2.6	ug/m3	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1
1,4-Dioxane (P-Dioxane)	123-91-1	5.6	ug/m3	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1
Acetone	67-64-1	NS	ug/m3	13.6		1.22	2.38	1	11		1.22	2.38	1	8.96		1.22	2.38	1	8.79		1.22	2.38	1	35.4		1.22	2.38	1	9.45		1.22	2.38	1
Acrolein	107-02-8	0.021	ug/m3	**0.291**		*0.089*	*0.115*	1	**0.174**		*0.089*	*0.115*	1	**0.193**		*0.089*	*0.115*	1	**0.252**		*0.089*	*0.115*	1	**2.61**		*0.089*	*0.115*	1	**0.238**		*0.089*	*0.115*	1
Acrylonitrile	107-13-1	0.41	ug/m3	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1
Allyl Chloride (3-Chloropropene)	107-05-1	1	ug/m3	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1
Benzene	71-43-2	3.6	ug/m3	0.288	J	0.205	0.639	1	0.227	J	0.205	0.639	1	0.744		0.205	0.639	1	0.332	J	0.205	0.639	1	0.217	J	0.205	0.639	1	0.268	J	0.205	0.639	1
Benzyl Chloride	100-44-7	0.57	ug/m3	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1
Bromodichloromethane	75-27-4	0.76	ug/m3	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1
Bromoethene	593-60-2	1.9	ug/m3	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1
Bromoform	75-25-2	26	ug/m3	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1
Bromomethane	74-83-9	5.2	ug/m3	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1
Carbon Disulfide	75-15-0	730	ug/m3	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	0.153	J	0.145	0.623	1	ND	U	0.145	0.623	1
Carbon Tetrachloride	56-23-5	4.7	ug/m3	ND	U	0.432	1.26	1	0.679	J	0.432	1.26	1	0.51	J	0.432	1.26	1	ND	U	0.432	1.26	1	0.541	J	0.432	1.26	1	0.472	J	0.432	1.26	1
Chlorobenzene	108-90-7	52	ug/m3	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1
Chloroethane	75-00-3	4200	ug/m3	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1
Chloroform	67-66-3	1.2	ug/m3	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1
Chloromethane	74-87-3	94	ug/m3	1.26		0.119	0.413	1	1.15		0.119	0.413	1	1.22		0.119	0.413	1	1.31		0.119	0.413	1	1.32		0.119	0.413	1	1.31		0.119	0.413	1
Cyclohexane	110-82-7	6300	ug/m3	ND	U	0.251	0.688	1	ND	U	0.251	0.688	1	0.554	J	0.251	0.688	1	ND	U	0.251	0.688	1	ND	U	0.251	0.688	1	ND	U	0.251	0.688	1
Dibromochloromethane	124-48-1	NS	ug/m3	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1
Dichlorodifluoromethane	75-71-8	100	ug/m3	2.42		0.374	0.989	1	2.96		0.374	0.989	1	2.37		0.374	0.989	1	2.27		0.374	0.989	1	2.96		0.374	0.989	1	2.34		0.374	0.989	1
Ethylbenzene	100-41-4	11	ug/m3	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1
Isopropanol	67-63-0	210	ug/m3	1.95	J	0.669	2.46	1	1.13	J	0.669	2.46	1	2.73		0.669	2.46	1	1.43	J	0.669	2.46	1	4.35		0.669	2.46	1	1.7	J	0.669	2.46	1
Isopropylbenzene (Cumene)	98-82-8	420	ug/m3	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1
M,P-Xylene	179601-23-1	NS	ug/m3	ND	U	0.543	1.74	1	ND	U	0.543	1.74	1	1.51	J	0.543	1.74	1	0.565	J	0.543	1.74	1	ND	U	0.543	1.74	1	ND	U	0.543	1.74	1
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	3100	ug/m3	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1
Methyl Methacrylate	80-62-6	730	ug/m3	ND	U	0.925	2.05	1	1.28	J	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	1.23	J	0.925	2.05	1	ND	U	0.925	2.05	1
Methylene Chloride	75-09-2	630	ug/m3	0.472	J	0.434	1.74	1	0.493	J	0.434	1.74	1	0.476	J	0.434	1.74	1	ND	U	0.434	1.74	1	ND	U	0.434	1.74	1	0.462	J	0.434	1.74	1
Naphthalene	91-20-3	0.83	ug/m3	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	0.184	J	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1
n-Hexane	110-54-3	730	ug/m3	0.462	J	0.262	0.705	1	1.1		0.262	0.705	1	2.84		0.262	0.705	1	0.772		0.262	0.705	1	1.44		0.262	0.705	1	0.705		0.262	0.705	1
o-Xylene (1,2-Dimethylbenzene)	95-47-6	100	ug/m3	ND	U	0.27	0.869	1	ND	U	0.27	0.869	1	0.4	J	0.27	0.869	1	ND	U	0.27	0.869	1	ND	U	0.27	0.869	1	ND	U	0.27	0.869	1
Styrene	100-42-5	1000	ug/m3	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	110	ug/m3	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1
Tetrachloroethene (PCE)	127-18-4	42	ug/m3	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	5.61		0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1
Tetrahydrofuran	109-99-9	2100	ug/m3	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1
Toluene	108-88-3	5200	ug/m3	0.791		0.327	0.754	1	0.562	J	0.327	0.754	1	2.14		0.327	0.754	1	0.833		0.327	0.754	1	0.46	J	0.327	0.754	1	0.871		0.327	0.754	1
Total Xylenes	1330-20-7	100	ug/m3	ND	U	0.27	0.869	1	ND	U	0.27	0.869	1	1.91	J	0.27	0.869	1	0.565	J	0.27	0.869	1	ND	U	0.27	0.869	1	ND	U	0.27	0.869	1
Trans-1,2-Dichloroethene	156-60-5	42	ug/m3	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1
Trichloroethene (TCE)	79-01-6	2.1	ug/m3	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	0.736	J	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1
Trichlorofluoromethane	75-69-4	NS	ug/m3	1.23		0.442	1.12	1	1.73		0.442	1.12	1	1.21		0.442	1.12	1	1.13		0.442	1.12	1	2.07		0.442	1.12	1	1.29		0.442	1.12	1
Vinyl Chloride	75-01-4	1.7	ug/m3	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1

See notes on last page.

Table 6
Perimeter Fenceline Air Results: May 27 - August 28, 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project #220240201

Analyte	CAS Number	EPA RSLs for Resident Air (THQ=1.0, TCR=1E-05)	Location	AA-2					AA-2					AA-2					AA-2					AA-2					AA-2				
			Sample Name	AA-2_20260616					AA-2_20260617					AA-2_20260618					AA-2_20260619					AA-2_20260622					AA-2_20260623				
			Sample Date	06/16/2026					06/17/2026					06/18/2026					06/19/2026					06/22/2026					06/23/2026				
			Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds																																
1,1,1-Trichloroethane	71-55-6	5200	ug/m3	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1
1,1,2,2-Tetrachloroethane	79-34-5	0.48	ug/m3	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5200	ug/m3	0.636	J	0.388	1.53	1	0.537	J	0.388	1.53	1	0.567	J	0.388	1.53	1	0.552	J	0.388	1.53	1	0.69	J	0.388	1.53	1	0.583	J	0.388	1.53	1
1,1,2-Trichloroethane	79-00-5	0.21	ug/m3	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1
1,1-Dichloroethane	75-34-3	18	ug/m3	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1
1,1-Dichloroethene	75-35-4	4.1	ug/m3	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1
1,2,4-Trichlorobenzene	120-82-1	2.1	ug/m3	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1
1,2,4-Trimethylbenzene	95-63-6	63	ug/m3	ND	U	0.284	0.983	1	0.339	J	0.284	0.983	1	0.349	J	0.284	0.983	1	ND	U	0.284	0.983	1	0.31	J	0.284	0.983	1	ND	U	0.284	0.983	1
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.047	ug/m3	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1
1,2-Dichlorobenzene	95-50-1	210	ug/m3	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1
1,2-Dichloroethane	107-06-2	1.1	ug/m3	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1
1,2-Dichloropropane	78-87-5	4.2	ug/m3	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	63	ug/m3	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1
1,3-Butadiene	106-99-0	0.94	ug/m3	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1
1,3-Dichloropropane	142-28-9	NS	ug/m3	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1
1,4-Dichlorobenzene	106-46-7	2.6	ug/m3	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1
1,4-Dioxane (P-Dioxane)	123-91-1	5.6	ug/m3	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1
Acetone	67-64-1	NS	ug/m3	6.65		1.22	2.38	1	7.77		1.22	2.38	1	9.98		1.22	2.38	1	8.6		1.22	2.38	1	10.9		1.22	2.38	1	8.24		1.22	2.38	1
Acrolein	107-02-8	0.021	ug/m3	**0.135**		*0.089*	*0.115*	1	**0.227**		*0.089*	*0.115*	1	**0.209**		*0.089*	*0.115*	1	**0.16**		*0.089*	*0.115*	1	**0.31**		*0.089*	*0.115*	1	**0.167**		*0.089*	*0.115*	1
Acrylonitrile	107-13-1	0.41	ug/m3	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1
Allyl Chloride (3-Chloropropene)	107-05-1	1	ug/m3	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1
Benzene	71-43-2	3.6	ug/m3	0.211	J	0.205	0.639	1	0.578	J	0.205	0.639	1	1.27		0.205	0.639	1	ND	U	0.205	0.639	1	0.438	J	0.205	0.639	1	0.24	J	0.205	0.639	1
Benzyl Chloride	100-44-7	0.57	ug/m3	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1
Bromodichloromethane	75-27-4	0.76	ug/m3	ND	U	0.05	0.134	1	0.094	J	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1
Bromoethene	593-60-2	1.9	ug/m3	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1
Bromoform	75-25-2	26	ug/m3	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1
Bromomethane	74-83-9	5.2	ug/m3	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1
Carbon Disulfide	75-15-0	730	ug/m3	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	0.168	J	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1
Carbon Tetrachloride	56-23-5	4.7	ug/m3	0.491	J	0.432	1.26	1	0.478	J	0.432	1.26	1	0.585	J	0.432	1.26	1	0.554	J	0.432	1.26	1	ND	U	0.432	1.26	1	ND	U	0.432	1.26	1
Chlorobenzene	108-90-7	52	ug/m3	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1
Chloroethane	75-00-3	4200	ug/m3	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1
Chloroform	67-66-3	1.2	ug/m3	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1
Chloromethane	74-87-3	94	ug/m3	1.34		0.119	0.413	1	1.35		0.119	0.413	1	1.15		0.119	0.413	1	1.02		0.119	0.413	1	1.38		0.119	0.413	1	1.18		0.119	0.413	1
Cyclohexane	110-82-7	6300	ug/m3	ND	U	0.251	0.688	1	0.458	J	0.251	0.688	1	0.988		0.251	0.688	1	ND	U	0.251	0.688	1	ND	U	0.251	0.688	1	ND	U	0.251	0.688	1
Dibromochloromethane	124-48-1	NS	ug/m3	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1
Dichlorodifluoromethane	75-71-8	100	ug/m3	2.34		0.374	0.989	1	2.25		0.374	0.989	1	2.85		0.374	0.989	1	2.74		0.374	0.989	1	2.45		0.374	0.989	1	2.5		0.374	0.989	1
Ethylbenzene	100-41-4	11	ug/m3	ND	U	0.25	0.869	1	0.256	J	0.25	0.869	1	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1
Isopropanol	67-63-0	210	ug/m3	1.43	J	0.669	2.46	1	2.85		0.669	2.46	1	1.21	J	0.669	2.46	1	0.924	J	0.669	2.46	1	9.14		0.669	2.46	1	3.69		0.669	2.46	1
Isopropylbenzene (Cumene)	98-82-8	420	ug/m3	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1
M,P-Xylene	179601-23-1	NS	ug/m3	ND	U	0.543	1.74	1	0.99	J	0.543	1.74	1	1.88		0.543	1.74	1	ND	U	0.543	1.74	1	0.756	J	0.543	1.74	1	ND	U	0.543	1.74	1
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	3100	ug/m3	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1
Methyl Methacrylate	80-62-6	730	ug/m3	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	1.77	J	0.925	2.05	1	ND	U	0.925	2.05	1	1.11	J	0.925	2.05	1	ND	U	0.925	2.05	1
Methylene Chloride	75-09-2	630	ug/m3	0.472	J	0.434	1.74	1	ND	U	0.434	1.74	1	0.438	J	0.434	1.74	1	0.438	J	0.434	1.74	1	ND	U	0.434	1.74	1	0.462	J	0.434	1.74	1
Naphthalene	91-20-3	0.83	ug/m3	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1
n-Hexane	110-54-3	730	ug/m3	0.49	J	0.262	0.705	1	2.26		0.262	0.705	1	5.57		0.262	0.705	1	0.712		0.262	0.705	1	1.15		0.262	0.705	1	1.04		0.262	0.705	1
o-Xylene (1,2-Dimethylbenzene)	95-47-6	100	ug/m3	ND	U	0.27	0.869	1	0.374	J	0.27	0.869	1	0.382	J	0.27	0.869	1	ND	U	0.27	0.869	1	0.278	J	0.27	0.869	1	ND	U	0.27	0.869	1
Styrene	100-42-5	1000	ug/m3	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	110	ug/m3	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1
Tetrachloroethene (PCE)	127-18-4	42	ug/m3	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1
Tetrahydrofuran	109-99-9	2100	ug/m3	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1
Toluene	108-88-3	5200	ug/m3	0.588	J	0.327	0.754	1	2.31		0.327	0.754	1	3.62		0.327	0.754	1	0.396	J	0.327	0.754	1	1.3		0.327	0.754	1	0.686	J	0.327	0.754	1
Total Xylenes	1330-20-7	100	ug/m3	ND	U	0.27	0.869	1	1.36	J	0.27	0.869	1	2.26	J	0.27	0.869	1	ND	U	0.27	0.869	1	1.03	J	0.27	0.869	1	ND	U	0.27	0.869	1
Trans-1,2-Dichloroethene	156-60-5	42	ug/m3	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1
Trichloroethene (TCE)	79-01-6	2.1	ug/m3	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	0.559	J	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1
Trichlorofluoromethane	75-69-4	NS	ug/m3	1.26		0.442	1.12	1	1.16		0.442	1.12	1	1.38		0.442	1.12	1	1.37		0.442	1.12	1	1.29		0.442	1.12	1	1.29		0.442	1.12	1
Vinyl Chloride	75-01-4	1.7	ug/m3	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1

See notes on last page.

Table 6
Perimeter Fenceline Air Results: May 27 - August 28, 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project #220240201

Analyte	CAS Number	EPA RSLs for Resident Air (THQ=1.0, TCR=1E-05)	Location	AA-2					AA-2					AA-2					AA-2					AA-2					AA-2				
			Sample Name	AA-2_20260624					AA-2_20260625					AA-2_20260626					AA-2_20260629					AA-2_20260630					AA-2_20260701				
			Sample Date	06/24/2026					06/25/2026					06/26/2026					06/29/2026					06/30/2026					07/01/2026				
			Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds																																
1,1,1-Trichloroethane	71-55-6	5200	ug/m3	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1
1,1,2,2-Tetrachloroethane	79-34-5	0.48	ug/m3	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5200	ug/m3	0.552	J	0.388	1.53	1	0.606	J	0.388	1.53	1	0.56	J	0.388	1.53	1	0.59	J	0.388	1.53	1	0.537	J	0.388	1.53	1	0.514	J	0.388	1.53	1
1,1,2-Trichloroethane	79-00-5	0.21	ug/m3	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1
1,1-Dichloroethane	75-34-3	18	ug/m3	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1
1,1-Dichloroethene	75-35-4	4.1	ug/m3	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1
1,2,4-Trichlorobenzene	120-82-1	2.1	ug/m3	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1
1,2,4-Trimethylbenzene	95-63-6	63	ug/m3	0.329	J	0.284	0.983	1	ND	U	0.284	0.983	1	0.359	J	0.284	0.983	1	ND	U	0.284	0.983	1	ND	U	0.284	0.983	1	ND	U	0.284	0.983	1
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.047	ug/m3	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1
1,2-Dichlorobenzene	95-50-1	210	ug/m3	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1
1,2-Dichloroethane	107-06-2	1.1	ug/m3	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1
1,2-Dichloropropane	78-87-5	4.2	ug/m3	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	63	ug/m3	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1
1,3-Butadiene	106-99-0	0.94	ug/m3	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1
1,3-Dichloropropane	142-28-9	NS	ug/m3	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1
1,4-Dichlorobenzene	106-46-7	2.6	ug/m3	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1
1,4-Dioxane (P-Dioxane)	123-91-1	5.6	ug/m3	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1
Acetone	67-64-1	NS	ug/m3	8.46		1.22	2.38	1	7.91		1.22	2.38	1	24.7		1.22	2.38	1	10		1.22	2.38	1	11		1.22	2.38	1	12.6		1.22	2.38	1
Acrolein	107-02-8	0.021	ug/m3	**0.383**		*0.089*	*0.115*	1	**0.199**		*0.089*	*0.115*	1	**0.268**		*0.089*	*0.115*	1	**0.167**		*0.089*	*0.115*	1	**0.323**		*0.089*	*0.115*	1	**0.328**		*0.089*	*0.115*	1
Acrylonitrile	107-13-1	0.41	ug/m3	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	**0.421**	J	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1
Allyl Chloride (3-Chloropropene)	107-05-1	1	ug/m3	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1
Benzene	71-43-2	3.6	ug/m3	0.869		0.205	0.639	1	0.31	J	0.205	0.639	1	1.44		0.205	0.639	1	0.307	J	0.205	0.639	1	0.345	J	0.205	0.639	1	0.288	J	0.205	0.639	1
Benzyl Chloride	100-44-7	0.57	ug/m3	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1
Bromodichloromethane	75-27-4	0.76	ug/m3	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1
Bromoethene	593-60-2	1.9	ug/m3	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1
Bromoform	75-25-2	26	ug/m3	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1
Bromomethane	74-83-9	5.2	ug/m3	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1
Carbon Disulfide	75-15-0	730	ug/m3	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1
Carbon Tetrachloride	56-23-5	4.7	ug/m3	ND	U	0.432	1.26	1	0.434	J	0.432	1.26	1	0.44	J	0.432	1.26	1	0.447	J	0.432	1.26	1	ND	U	0.432	1.26	1	0.503	J	0.432	1.26	1
Chlorobenzene	108-90-7	52	ug/m3	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1
Chloroethane	75-00-3	4200	ug/m3	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1
Chloroform	67-66-3	1.2	ug/m3	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1
Chloromethane	74-87-3	94	ug/m3	1.13		0.119	0.413	1	1.16		0.119	0.413	1	1.17		0.119	0.413	1	0.989		0.119	0.413	1	0.973		0.119	0.413	1	1.29		0.119	0.413	1
Cyclohexane	110-82-7	6300	ug/m3	0.565	J	0.251	0.688	1	ND	U	0.251	0.688	1	1.13		0.251	0.688	1	ND	U	0.251	0.688	1	ND	U	0.251	0.688	1	ND	U	0.251	0.688	1
Dibromochloromethane	124-48-1	NS	ug/m3	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1
Dichlorodifluoromethane	75-71-8	100	ug/m3	2.43		0.374	0.989	1	2.5		0.374	0.989	1	2.39		0.374	0.989	1	2.61		0.374	0.989	1	2.53		0.374	0.989	1	2.43		0.374	0.989	1
Ethylbenzene	100-41-4	11	ug/m3	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1	0.282	J	0.25	0.869	1	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1
Isopropanol	67-63-0	210	ug/m3	19.4		0.669	2.46	1	1.07	J	0.669	2.46	1	1.24	J	0.669	2.46	1	1	J	0.669	2.46	1	1.57	J	0.669	2.46	1	2.42	J	0.669	2.46	1
Isopropylbenzene (Cumene)	98-82-8	420	ug/m3	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	0.462	J	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1
M,P-Xylene	179601-23-1	NS	ug/m3	1.34	J	0.543	1.74	1	ND	U	0.543	1.74	1	1.92		0.543	1.74	1	ND	U	0.543	1.74	1	ND	U	0.543	1.74	1	0.951	J	0.543	1.74	1
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	3100	ug/m3	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1
Methyl Methacrylate	80-62-6	730	ug/m3	7.53		0.925	2.05	1	ND	U	0.925	2.05	1	34.2		0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	6.1		0.925	2.05	1
Methylene Chloride	75-09-2	630	ug/m3	0.476	J	0.434	1.74	1	0.441	J	0.434	1.74	1	0.622	J	0.434	1.74	1	ND	U	0.434	1.74	1	ND	U	0.434	1.74	1	0.459	J	0.434	1.74	1
Naphthalene	91-20-3	0.83	ug/m3	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	0.11	J	0.11	0.262	1
n-Hexane	110-54-3	730	ug/m3	4.05		0.262	0.705	1	0.634	J	0.262	0.705	1	6.31		0.262	0.705	1	0.659	J	0.262	0.705	1	1.19		0.262	0.705	1	3.63		0.262	0.705	1
o-Xylene (1,2-Dimethylbenzene)	95-47-6	100	ug/m3	0.317	J	0.27	0.869	1	ND	U	0.27	0.869	1	0.413	J	0.27	0.869	1	ND	U	0.27	0.869	1	ND	U	0.27	0.869	1	0.469	J	0.27	0.869	1
Styrene	100-42-5	1000	ug/m3	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	0.311	J	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	110	ug/m3	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1
Tetrachloroethene (PCE)	127-18-4	42	ug/m3	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1
Tetrahydrofuran	109-99-9	2100	ug/m3	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1
Toluene	108-88-3	5200	ug/m3	2.69		0.327	0.754	1	0.829		0.327	0.754	1	4.18		0.327	0.754	1	0.931		0.327	0.754	1	0.833		0.327	0.754	1	4.71		0.327	0.754	1
Total Xylenes	1330-20-7	100	ug/m3	1.65	J	0.27	0.869	1	ND	U	0.27	0.869	1	2.33	J	0.27	0.869	1	ND	U	0.27	0.869	1	ND	U	0.27	0.869	1	1.42	J	0.27	0.869	1
Trans-1,2-Dichloroethene	156-60-5	42	ug/m3	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1
Trichloroethene (TCE)	79-01-6	2.1	ug/m3	0.43	J	0.295	1.07	1	0.489	J	0.295	1.07	1	0.855	J	0.295	1.07	1	1.04	J	0.295	1.07	1	ND	U	0.295	1.07	1	0.871	J	0.295	1.07	1
Trichlorofluoromethane	75-69-4	NS	ug/m3	1.25		0.442	1.12	1	1.3		0.442	1.12	1	1.26		0.442	1.12	1	1.39		0.442	1.12	1	1.28		0.442	1.12	1	1.2		0.442	1.12	1
Vinyl Chloride	75-01-4	1.7	ug/m3	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1

See notes on last page.

Table 6
Perimeter Fenceline Air Results: May 27 - August 28, 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project #220240201

Analyte	CAS Number	EPA RSLs for Resident Air (THQ=1.0, TCR=1E-05)	Location	AA-2					AA-2					AA-2					AA-2					AA-2					AA-2				
			Sample Name	AA-2_20260702					AA-2_20260706					AA-2_20260707					AA-2_20260708					AA-2_20260709					AA-2_20260710				
			Sample Date	07/02/2026					07/06/2026					07/07/2026					07/08/2026					07/09/2026					07/10/2026				
			Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds																																
1,1,1-Trichloroethane	71-55-6	5200	ug/m3	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1
1,1,2,2-Tetrachloroethane	79-34-5	0.48	ug/m3	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5200	ug/m3	0.529	J	0.388	1.53	1	0.475	J	0.388	1.53	1	0.606	J	0.388	1.53	1	0.621	J	0.388	1.53	1	0.506	J	0.388	1.53	1	0.491	J	0.388	1.53	1
1,1,2-Trichloroethane	79-00-5	0.21	ug/m3	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1
1,1-Dichloroethane	75-34-3	18	ug/m3	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1
1,1-Dichloroethene	75-35-4	4.1	ug/m3	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1
1,2,4-Trichlorobenzene	120-82-1	2.1	ug/m3	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1
1,2,4-Trimethylbenzene	95-63-6	63	ug/m3	0.757	J	0.284	0.983	1	ND	U	0.284	0.983	1	ND	U	0.284	0.983	1	ND	U	0.284	0.983	1	ND	U	0.284	0.983	1	ND	U	0.284	0.983	1
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.047	ug/m3	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1
1,2-Dichlorobenzene	95-50-1	210	ug/m3	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1
1,2-Dichloroethane	107-06-2	1.1	ug/m3	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1
1,2-Dichloropropane	78-87-5	4.2	ug/m3	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	63	ug/m3	0.408	J	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1
1,3-Butadiene	106-99-0	0.94	ug/m3	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1
1,3-Dichloropropane	142-28-9	NS	ug/m3	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1
1,4-Dichlorobenzene	106-46-7	2.6	ug/m3	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1
1,4-Dioxane (P-Dioxane)	123-91-1	5.6	ug/m3	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1
Acetone	67-64-1	NS	ug/m3	16.8		1.22	2.38	1	14.3		1.22	2.38	1	8.69		1.22	2.38	1	18.1		1.22	2.38	1	22.9		1.22	2.38	1	11.2		1.22	2.38	1
Acrolein	107-02-8	0.021	ug/m3	**0.541**		*0.089*	*0.115*	1	**0.5**		*0.089*	*0.115*	1	**0.672**		*0.089*	*0.115*	1	**0.601**		*0.089*	*0.115*	1	**1.09**		*0.089*	*0.115*	1	**0.243**		*0.089*	*0.115*	1
Acrylonitrile	107-13-1	0.41	ug/m3	**0.562**	J	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1
Allyl Chloride (3-Chloropropene)	107-05-1	1	ug/m3	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1
Benzene	71-43-2	3.6	ug/m3	**3.87**		0.205	0.639	1	0.307	J	0.205	0.639	1	0.307	J	0.205	0.639	1	0.399	J	0.205	0.639	1	0.492	J	0.205	0.639	1	0.358	J	0.205	0.639	1
Benzyl Chloride	100-44-7	0.57	ug/m3	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1
Bromodichloromethane	75-27-4	0.76	ug/m3	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	0.067	J	0.05	0.134	1	ND	U	0.05	0.134	1
Bromoethene	593-60-2	1.9	ug/m3	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1
Bromoform	75-25-2	26	ug/m3	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1
Bromomethane	74-83-9	5.2	ug/m3	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1
Carbon Disulfide	75-15-0	730	ug/m3	0.199	J	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	0.181	J	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1
Carbon Tetrachloride	56-23-5	4.7	ug/m3	0.535	J	0.432	1.26	1	ND	U	0.432	1.26	1	0.535	J	0.432	1.26	1	0.522	J	0.432	1.26	1	0.51	J	0.432	1.26	1	0.566	J	0.432	1.26	1
Chlorobenzene	108-90-7	52	ug/m3	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1
Chloroethane	75-00-3	4200	ug/m3	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1
Chloroform	67-66-3	1.2	ug/m3	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1
Chloromethane	74-87-3	94	ug/m3	1.03		0.119	0.413	1	1.19		0.119	0.413	1	1.38		0.119	0.413	1	2.15		0.119	0.413	1	0.981		0.119	0.413	1	0.917		0.119	0.413	1
Cyclohexane	110-82-7	6300	ug/m3	3.68		0.251	0.688	1	ND	U	0.251	0.688	1	ND	U	0.251	0.688	1	0.258	J	0.251	0.688	1	0.396	J	0.251	0.688	1	ND	U	0.251	0.688	1
Dibromochloromethane	124-48-1	NS	ug/m3	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1
Dichlorodifluoromethane	75-71-8	100	ug/m3	2.04		0.374	0.989	1	2.3		0.374	0.989	1	2.64		0.374	0.989	1	2.62		0.374	0.989	1	2.05		0.374	0.989	1	1.88		0.374	0.989	1
Ethylbenzene	100-41-4	11	ug/m3	0.604	J	0.25	0.869	1	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1
Isopropanol	67-63-0	210	ug/m3	2.03	J	0.669	2.46	1	1.61	J	0.669	2.46	1	2.85		0.669	2.46	1	6.76		0.669	2.46	1	3.59		0.669	2.46	1	1.31	J	0.669	2.46	1
Isopropylbenzene (Cumene)	98-82-8	420	ug/m3	1.57		0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1
M,P-Xylene	179601-23-1	NS	ug/m3	4.78		0.543	1.74	1	ND	U	0.543	1.74	1	0.595	J	0.543	1.74	1	ND	U	0.543	1.74	1	0.595	J	0.543	1.74	1	0.565	J	0.543	1.74	1
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	3100	ug/m3	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1
Methyl Methacrylate	80-62-6	730	ug/m3	75.8		0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	2.54		0.925	2.05	1	ND	U	0.925	2.05	1	2.65		0.925	2.05	1
Methylene Chloride	75-09-2	630	ug/m3	0.504	J	0.434	1.74	1	ND	U	0.434	1.74	1	0.476	J	0.434	1.74	1	0.514	J	0.434	1.74	1	ND	U	0.434	1.74	1	ND	U	0.434	1.74	1
Naphthalene	91-20-3	0.83	ug/m3	0.115	J	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1
n-Hexane	110-54-3	730	ug/m3	21.1		0.262	0.705	1	0.673	J	0.262	0.705	1	0.902		0.262	0.705	1	2.04		0.262	0.705	1	3.4		0.262	0.705	1	0.779		0.262	0.705	1
o-Xylene (1,2-Dimethylbenzene)	95-47-6	100	ug/m3	0.899		0.27	0.869	1	ND	U	0.27	0.869	1	ND	U	0.27	0.869	1	ND	U	0.27	0.869	1	ND	U	0.27	0.869	1	ND	U	0.27	0.869	1
Styrene	100-42-5	1000	ug/m3	0.762	J	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	110	ug/m3	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1
Tetrachloroethene (PCE)	127-18-4	42	ug/m3	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	1.62		0.425	1.36	1
Tetrahydrofuran	109-99-9	2100	ug/m3	0.395	J	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1
Toluene	108-88-3	5200	ug/m3	9.69		0.327	0.754	1	0.822		0.327	0.754	1	0.878		0.327	0.754	1	2.04		0.327	0.754	1	1.33		0.327	0.754	1	1.97		0.327	0.754	1
Total Xylenes	1330-20-7	100	ug/m3	5.65		0.27	0.869	1	ND	U	0.27	0.869	1	0.595	J	0.27	0.869	1	ND	U	0.27	0.869	1	0.595	J	0.27	0.869	1	0.565	J	0.27	0.869	1
Trans-1,2-Dichloroethene	156-60-5	42	ug/m3	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1
Trichloroethene (TCE)	79-01-6	2.1	ug/m3	1.86		0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	0.516	J	0.295	1.07	1	ND	U	0.295	1.07	1	0.623	J	0.295	1.07	1
Trichlorofluoromethane	75-69-4	NS	ug/m3	1.15		0.442	1.12	1	1.17		0.442	1.12	1	1.42		0.442	1.12	1	1.39		0.442	1.12	1	1.13		0.442	1.12	1	1.18		0.442	1.12	1
Vinyl Chloride	75-01-4	1.7	ug/m3	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1

See notes on last page.

Table 6
Perimeter Fenceline Air Results: May 27 - August 28, 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project #220240201

Analyte	CAS Number	EPA RSLs for Resident Air (THQ=1.0, TCR=1E-05)	Location	AA-2					AA-2					AA-2					AA-2					AA-2					AA-2				
			Sample Name	AA-2_20260713					AA-2_20260714					AA-2_20260715					AA-2_20260716					AA-2_20260717					AA-2_20260720				
			Sample Date	07/13/2026					07/14/2026					07/15/2026					07/16/2026					07/17/2026					07/20/2026				
			Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds																																
1,1,1-Trichloroethane	71-55-6	5200	ug/m3	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1
1,1,2,2-Tetrachloroethane	79-34-5	0.48	ug/m3	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5200	ug/m3	0.429	J	0.388	1.53	1	0.498	J	0.388	1.53	1	0.552	J	0.388	1.53	1	0.483	J	0.388	1.53	1	0.575	J	0.388	1.53	1	0.537	J	0.388	1.53	1
1,1,2-Trichloroethane	79-00-5	0.21	ug/m3	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1
1,1-Dichloroethane	75-34-3	18	ug/m3	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1
1,1-Dichloroethene	75-35-4	4.1	ug/m3	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1
1,2,4-Trichlorobenzene	120-82-1	2.1	ug/m3	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1
1,2,4-Trimethylbenzene	95-63-6	63	ug/m3	0.32	J	0.284	0.983	1	ND	U	0.284	0.983	1	ND	U	0.284	0.983	1	ND	U	0.284	0.983	1	0.408	J	0.284	0.983	1	ND	U	0.284	0.983	1
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.047	ug/m3	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1
1,2-Dichlorobenzene	95-50-1	210	ug/m3	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1
1,2-Dichloroethane	107-06-2	1.1	ug/m3	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1
1,2-Dichloropropane	78-87-5	4.2	ug/m3	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	63	ug/m3	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1
1,3-Butadiene	106-99-0	0.94	ug/m3	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	0.343	J	0.137	0.442	1	ND	U	0.137	0.442	1	0.367	J	0.137	0.442	1
1,3-Dichloropropane	142-28-9	NS	ug/m3	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1
1,4-Dichlorobenzene	106-46-7	2.6	ug/m3	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1
1,4-Dioxane (P-Dioxane)	123-91-1	5.6	ug/m3	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1
Acetone	67-64-1	NS	ug/m3	11.4		1.22	2.38	1	11.4		1.22	2.38	1	13.4		1.22	2.38	1	19.9		1.22	2.38	1	13.6		1.22	2.38	1	9.5		1.22	2.38	1
Acrolein	107-02-8	0.021	ug/m3	**0.183**		*0.089*	*0.115*	1	**0.266**		*0.089*	*0.115*	1	**0.229**		*0.089*	*0.115*	1	**1.03**		*0.089*	*0.115*	1	**0.548**		*0.089*	*0.115*	1	**0.346**		*0.089*	*0.115*	1
Acrylonitrile	107-13-1	0.41	ug/m3	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1
Allyl Chloride (3-Chloropropene)	107-05-1	1	ug/m3	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1
Benzene	71-43-2	3.6	ug/m3	1.93		0.205	0.639	1	0.24	J	0.205	0.639	1	0.38	J	0.205	0.639	1	1.97		0.205	0.639	1	3		0.205	0.639	1	0.636	J	0.205	0.639	1
Benzyl Chloride	100-44-7	0.57	ug/m3	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1
Bromodichloromethane	75-27-4	0.76	ug/m3	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1
Bromoethene	593-60-2	1.9	ug/m3	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1
Bromoform	75-25-2	26	ug/m3	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1
Bromomethane	74-83-9	5.2	ug/m3	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1
Carbon Disulfide	75-15-0	730	ug/m3	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1
Carbon Tetrachloride	56-23-5	4.7	ug/m3	0.491	J	0.432	1.26	1	ND	U	0.432	1.26	1	0.491	J	0.432	1.26	1	0.472	J	0.432	1.26	1	0.447	J	0.432	1.26	1	0.434	J	0.432	1.26	1
Chlorobenzene	108-90-7	52	ug/m3	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1
Chloroethane	75-00-3	4200	ug/m3	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1
Chloroform	67-66-3	1.2	ug/m3	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1
Chloromethane	74-87-3	94	ug/m3	1.29		0.119	0.413	1	1.01		0.119	0.413	1	1.12		0.119	0.413	1	1.32		0.119	0.413	1	1.46		0.119	0.413	1	1.09		0.119	0.413	1
Cyclohexane	110-82-7	6300	ug/m3	1.09		0.251	0.688	1	ND	U	0.251	0.688	1	ND	U	0.251	0.688	1	ND	U	0.251	0.688	1	0.382	J	0.251	0.688	1	ND	U	0.251	0.688	1
Dibromochloromethane	124-48-1	NS	ug/m3	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1
Dichlorodifluoromethane	75-71-8	100	ug/m3	2.13		0.374	0.989	1	2.28		0.374	0.989	1	2.41		0.374	0.989	1	2.37		0.374	0.989	1	2.58		0.374	0.989	1	2.24		0.374	0.989	1
Ethylbenzene	100-41-4	11	ug/m3	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1	0.321	J	0.25	0.869	1	ND	U	0.25	0.869	1
Isopropanol	67-63-0	210	ug/m3	1.06	J	0.669	2.46	1	0.922	J	0.669	2.46	1	1.61	J	0.669	2.46	1	1.78	J	0.669	2.46	1	1.61	J	0.669	2.46	1	2.56		0.669	2.46	1
Isopropylbenzene (Cumene)	98-82-8	420	ug/m3	0.634	J	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1
M,P-Xylene	179601-23-1	NS	ug/m3	1.5	J	0.543	1.74	1	ND	U	0.543	1.74	1	ND	U	0.543	1.74	1	0.591	J	0.543	1.74	1	1.49	J	0.543	1.74	1	ND	U	0.543	1.74	1
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	3100	ug/m3	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1
Methyl Methacrylate	80-62-6	730	ug/m3	64.7		0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1
Methylene Chloride	75-09-2	630	ug/m3	0.577	J	0.434	1.74	1	ND	U	0.434	1.74	1	ND	U	0.434	1.74	1	0.441	J	0.434	1.74	1	ND	U	0.434	1.74	1	ND	U	0.434	1.74	1
Naphthalene	91-20-3	0.83	ug/m3	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1
n-Hexane	110-54-3	730	ug/m3	8.25		0.262	0.705	1	0.518	J	0.262	0.705	1	0.786		0.262	0.705	1	0.969		0.262	0.705	1	3.02		0.262	0.705	1	0.761		0.262	0.705	1
o-Xylene (1,2-Dimethylbenzene)	95-47-6	100	ug/m3	0.347	J	0.27	0.869	1	ND	U	0.27	0.869	1	ND	U	0.27	0.869	1	ND	U	0.27	0.869	1	0.413	J	0.27	0.869	1	ND	U	0.27	0.869	1
Styrene	100-42-5	1000	ug/m3	0.298	J	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	110	ug/m3	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1
Tetrachloroethene (PCE)	127-18-4	42	ug/m3	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1
Tetrahydrofuran	109-99-9	2100	ug/m3	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1
Toluene	108-88-3	5200	ug/m3	3.88		0.327	0.754	1	0.524	J	0.327	0.754	1	0.671	J	0.327	0.754	1	1.54		0.327	0.754	1	2.9		0.327	0.754	1	0.814		0.327	0.754	1
Total Xylenes	1330-20-7	100	ug/m3	1.85	J	0.27	0.869	1	ND	U	0.27	0.869	1	ND	U	0.27	0.869	1	0.591	J	0.27	0.869	1	1.9	J	0.27	0.869	1	ND	U	0.27	0.869	1
Trans-1,2-Dichloroethene	156-60-5	42	ug/m3	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1
Trichloroethene (TCE)	79-01-6	2.1	ug/m3	1.27		0.295	1.07	1	0.763	J	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1
Trichlorofluoromethane	75-69-4	NS	ug/m3	1.03	J	0.442	1.12	1	1.22		0.442	1.12	1	1.26		0.442	1.12	1	1.13		0.442	1.12	1	1.3		0.442	1.12	1	1.12		0.442	1.12	1
Vinyl Chloride	75-01-4	1.7	ug/m3	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1

See notes on last page.

Table 6
Perimeter Fenceline Air Results: May 27 - August 28, 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project #220240201

Analyte	CAS Number	EPA RSLs for Resident Air (THQ=1.0, TCR=1E-05)	Location	AA-2					AA-2					AA-2					AA-2					AA-2					AA-2				
			Sample Name	AA-2_20260721					AA-2_20260722					AA-2_20260723					AA-2_20260724					AA-2_20260727					AA-2_20260728				
			Sample Date	07/21/2026					07/22/2026					07/23/2026					07/24/2026					07/27/2026					07/28/2026				
			Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds																																
1,1,1-Trichloroethane	71-55-6	5200	ug/m3	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1
1,1,2,2-Tetrachloroethane	79-34-5	0.48	ug/m3	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5200	ug/m3	0.537	J	0.388	1.53	1	0.583	J	0.388	1.53	1	0.544	J	0.388	1.53	1	0.529	J	0.388	1.53	1	0.628	J	0.388	1.53	1	0.56	J	0.388	1.53	1
1,1,2-Trichloroethane	79-00-5	0.21	ug/m3	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1
1,1-Dichloroethane	75-34-3	18	ug/m3	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1
1,1-Dichloroethene	75-35-4	4.1	ug/m3	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1
1,2,4-Trichlorobenzene	120-82-1	2.1	ug/m3	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1
1,2,4-Trimethylbenzene	95-63-6	63	ug/m3	ND	U	0.284	0.983	1	ND	U	0.284	0.983	1	ND	U	0.284	0.983	1	ND	U	0.284	0.983	1	ND	U	0.284	0.983	1	ND	U	0.284	0.983	1
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.047	ug/m3	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1
1,2-Dichlorobenzene	95-50-1	210	ug/m3	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1
1,2-Dichloroethane	107-06-2	1.1	ug/m3	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1
1,2-Dichloropropane	78-87-5	4.2	ug/m3	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	63	ug/m3	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1
1,3-Butadiene	106-99-0	0.94	ug/m3	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1
1,3-Dichloropropane	142-28-9	NS	ug/m3	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1
1,4-Dichlorobenzene	106-46-7	2.6	ug/m3	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1
1,4-Dioxane (P-Dioxane)	123-91-1	5.6	ug/m3	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1
Acetone	67-64-1	NS	ug/m3	6.34		1.22	2.38	1	13.6		1.22	2.38	1	7.2		1.22	2.38	1	6.6		1.22	2.38	1	1.55	J	1.22	2.38	1	1.93	J	1.22	2.38	1
Acrolein	107-02-8	0.021	ug/m3	**0.158**		*0.089*	*0.115*	1	**0.53**		*0.089*	*0.115*	1	**0.296**		*0.089*	*0.115*	1	**0.158**		*0.089*	*0.115*	1	**0.17**		*0.089*	*0.115*	1	**0.193**		*0.089*	*0.115*	1
Acrylonitrile	107-13-1	0.41	ug/m3	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1
Allyl Chloride (3-Chloropropene)	107-05-1	1	ug/m3	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1
Benzene	71-43-2	3.6	ug/m3	1.1		0.205	0.639	1	0.307	J	0.205	0.639	1	0.351	J	0.205	0.639	1	0.466	J	0.205	0.639	1	0.562	J	0.205	0.639	1	0.585	J	0.205	0.639	1
Benzyl Chloride	100-44-7	0.57	ug/m3	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1
Bromodichloromethane	75-27-4	0.76	ug/m3	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1
Bromoethene	593-60-2	1.9	ug/m3	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1
Bromoform	75-25-2	26	ug/m3	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1
Bromomethane	74-83-9	5.2	ug/m3	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1
Carbon Disulfide	75-15-0	730	ug/m3	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1
Carbon Tetrachloride	56-23-5	4.7	ug/m3	0.472	J	0.432	1.26	1	0.478	J	0.432	1.26	1	0.44	J	0.432	1.26	1	0.465	J	0.432	1.26	1	0.535	J	0.432	1.26	1	0.484	J	0.432	1.26	1
Chlorobenzene	108-90-7	52	ug/m3	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1
Chloroethane	75-00-3	4200	ug/m3	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1
Chloroform	67-66-3	1.2	ug/m3	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1
Chloromethane	74-87-3	94	ug/m3	1.17		0.119	0.413	1	1.21		0.119	0.413	1	0.979		0.119	0.413	1	0.973		0.119	0.413	1	1.42		0.119	0.413	1	1.36		0.119	0.413	1
Cyclohexane	110-82-7	6300	ug/m3	0.819		0.251	0.688	1	ND	U	0.251	0.688	1	ND	U	0.251	0.688	1	0.286	J	0.251	0.688	1	0.368	J	0.251	0.688	1	0.496	J	0.251	0.688	1
Dibromochloromethane	124-48-1	NS	ug/m3	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1
Dichlorodifluoromethane	75-71-8	100	ug/m3	2.33		0.374	0.989	1	2.67		0.374	0.989	1	2.26		0.374	0.989	1	2.32		0.374	0.989	1	2.71		0.374	0.989	1	2.55		0.374	0.989	1
Ethylbenzene	100-41-4	11	ug/m3	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1
Isopropanol	67-63-0	210	ug/m3	2.95		0.669	2.46	1	0.782	J	0.669	2.46	1	1.5	J	0.669	2.46	1	4.08		0.669	2.46	1	2.95		0.669	2.46	1	1.03	J	0.669	2.46	1
Isopropylbenzene (Cumene)	98-82-8	420	ug/m3	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1
M,P-Xylene	179601-23-1	NS	ug/m3	0.63	J	0.543	1.74	1	ND	U	0.543	1.74	1	ND	U	0.543	1.74	1	0.786	J	0.543	1.74	1	0.743	J	0.543	1.74	1	0.647	J	0.543	1.74	1
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	3100	ug/m3	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1
Methyl Methacrylate	80-62-6	730	ug/m3	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	1.79	J	0.925	2.05	1	0.954	J	0.925	2.05	1	ND	U	0.925	2.05	1
Methylene Chloride	75-09-2	630	ug/m3	ND	U	0.434	1.74	1	0.434	J	0.434	1.74	1	ND	U	0.434	1.74	1	ND	U	0.434	1.74	1	0.448	J	0.434	1.74	1	0.438	J	0.434	1.74	1
Naphthalene	91-20-3	0.83	ug/m3	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1
n-Hexane	110-54-3	730	ug/m3	2.27		0.262	0.705	1	0.363	J	0.262	0.705	1	0.966		0.262	0.705	1	1.5		0.262	0.705	1	1.27		0.262	0.705	1	1.53		0.262	0.705	1
o-Xylene (1,2-Dimethylbenzene)	95-47-6	100	ug/m3	ND	U	0.27	0.869	1	ND	U	0.27	0.869	1	ND	U	0.27	0.869	1	0.321	J	0.27	0.869	1	0.278	J	0.27	0.869	1	ND	U	0.27	0.869	1
Styrene	100-42-5	1000	ug/m3	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	110	ug/m3	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1
Tetrachloroethene (PCE)	127-18-4	42	ug/m3	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1
Tetrahydrofuran	109-99-9	2100	ug/m3	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1
Toluene	108-88-3	5200	ug/m3	1.63		0.327	0.754	1	0.516	J	0.327	0.754	1	1.27		0.327	0.754	1	2.56		0.327	0.754	1	1.84		0.327	0.754	1	1.39		0.327	0.754	1
Total Xylenes	1330-20-7	100	ug/m3	0.63	J	0.27	0.869	1	ND	U	0.27	0.869	1	ND	U	0.27	0.869	1	1.11	J	0.27	0.869	1	1.02	J	0.27	0.869	1	0.647	J	0.27	0.869	1
Trans-1,2-Dichloroethene	156-60-5	42	ug/m3	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1
Trichloroethene (TCE)	79-01-6	2.1	ug/m3	ND	U	0.295	1.07	1	0.672	J	0.295	1.07	1	ND	U	0.295	1.07	1	0.774	J	0.295	1.07	1	ND	U	0.295	1.07	1	0.516	J	0.295	1.07	1
Trichlorofluoromethane	75-69-4	NS	ug/m3	1.17		0.442	1.12	1	1.33		0.442	1.12	1	1.15		0.442	1.12	1	1.16		0.442	1.12	1	1.44		0.442	1.12	1	1.34		0.442	1.12	1
Vinyl Chloride	75-01-4	1.7	ug/m3	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1

See notes on last page.

Table 6
Perimeter Fenceline Air Results: May 27 - August 28, 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project #220240201

Analyte	CAS Number	EPA RSLs for Resident Air (THQ=1.0, TCR=1E-05)	Location	AA-2					AA-2					AA-2					AA-2					AA-2					AA-2				
			Sample Name	AA-2_20260729					AA-2_20260730					AA-2_20260731					AA-2_20260803					AA-2_20260804					AA-2_20260805				
			Sample Date	07/29/2026					07/30/2026					07/31/2026					08/03/2026					08/04/2026					08/05/2026				
			Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds																																
1,1,1-Trichloroethane	71-55-6	5200	ug/m3	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1
1,1,2,2-Tetrachloroethane	79-34-5	0.48	ug/m3	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5200	ug/m3	0.751	J	0.388	1.53	1	0.59	J	0.388	1.53	1	0.575	J	0.388	1.53	1	0.613	J	0.388	1.53	1	0.598	J	0.388	1.53	1	0.529	J	0.388	1.53	1
1,1,2-Trichloroethane	79-00-5	0.21	ug/m3	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1
1,1-Dichloroethane	75-34-3	18	ug/m3	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1
1,1-Dichloroethene	75-35-4	4.1	ug/m3	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1
1,2,4-Trichlorobenzene	120-82-1	2.1	ug/m3	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1
1,2,4-Trimethylbenzene	95-63-6	63	ug/m3	ND	U	0.284	0.983	1	ND	U	0.284	0.983	1	0.408	J	0.284	0.983	1	ND	U	0.284	0.983	1	0.393	J	0.284	0.983	1	0.585	J	0.284	0.983	1
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.047	ug/m3	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1
1,2-Dichlorobenzene	95-50-1	210	ug/m3	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1
1,2-Dichloroethane	107-06-2	1.1	ug/m3	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1
1,2-Dichloropropane	78-87-5	4.2	ug/m3	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	63	ug/m3	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1
1,3-Butadiene	106-99-0	0.94	ug/m3	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	0.484		0.137	0.442	1	ND	U	0.137	0.442	1	0.254	J	0.137	0.442	1
1,3-Dichloropropane	142-28-9	NS	ug/m3	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1
1,4-Dichlorobenzene	106-46-7	2.6	ug/m3	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1
1,4-Dioxane (P-Dioxane)	123-91-1	5.6	ug/m3	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1
Acetone	67-64-1	NS	ug/m3	11.7		1.22	2.38	1	13		1.22	2.38	1	32.1		1.22	2.38	1	9.34		1.22	2.38	1	50.6		1.22	2.38	1	13		1.22	2.38	1
Acrolein	107-02-8	0.021	ug/m3	**0.25**		*0.089*	*0.115*	1	**0.186**		*0.089*	*0.115*	1	**5.82**		*0.089*	*0.115*	1	**0.218**		*0.089*	*0.115*	1	**0.387**		*0.089*	*0.115*	1	**0.631**		*0.089*	*0.115*	1
Acrylonitrile	107-13-1	0.41	ug/m3	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	**0.814**	J	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	**0.755**	J	0.352	*1.09*	1	ND	U	0.352	*1.09*	1
Allyl Chloride (3-Chloropropene)	107-05-1	1	ug/m3	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1
Benzene	71-43-2	3.6	ug/m3	0.345	J	0.205	0.639	1	0.252	J	0.205	0.639	1	1.65		0.205	0.639	1	0.252	J	0.205	0.639	1	1.57		0.205	0.639	1	1.05		0.205	0.639	1
Benzyl Chloride	100-44-7	0.57	ug/m3	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1
Bromodichloromethane	75-27-4	0.76	ug/m3	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	0.154		0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1
Bromoethene	593-60-2	1.9	ug/m3	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1
Bromoform	75-25-2	26	ug/m3	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1
Bromomethane	74-83-9	5.2	ug/m3	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	0.349	J	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1
Carbon Disulfide	75-15-0	730	ug/m3	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1
Carbon Tetrachloride	56-23-5	4.7	ug/m3	0.484	J	0.432	1.26	1	0.522	J	0.432	1.26	1	0.717	J	0.432	1.26	1	0.51	J	0.432	1.26	1	0.566	J	0.432	1.26	1	0.44	J	0.432	1.26	1
Chlorobenzene	108-90-7	52	ug/m3	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1
Chloroethane	75-00-3	4200	ug/m3	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	1.21		0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1
Chloroform	67-66-3	1.2	ug/m3	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	0.82	J	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1
Chloromethane	74-87-3	94	ug/m3	1.18		0.119	0.413	1	1.27		0.119	0.413	1	4.81		0.119	0.413	1	1.53		0.119	0.413	1	1.67		0.119	0.413	1	1.34		0.119	0.413	1
Cyclohexane	110-82-7	6300	ug/m3	ND	U	0.251	0.688	1	ND	U	0.251	0.688	1	0.984		0.251	0.688	1	ND	U	0.251	0.688	1	0.826		0.251	0.688	1	1.09		0.251	0.688	1
Dibromochloromethane	124-48-1	NS	ug/m3	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1
Dichlorodifluoromethane	75-71-8	100	ug/m3	2.72		0.374	0.989	1	2.63		0.374	0.989	1	2.69		0.374	0.989	1	2.65		0.374	0.989	1	2.73		0.374	0.989	1	2.38		0.374	0.989	1
Ethylbenzene	100-41-4	11	ug/m3	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1	0.374	J	0.25	0.869	1	ND	U	0.25	0.869	1	0.378	J	0.25	0.869	1	0.569	J	0.25	0.869	1
Isopropanol	67-63-0	210	ug/m3	21.2		0.669	2.46	1	11.8		0.669	2.46	1	17.3		0.669	2.46	1	0.909	J	0.669	2.46	1	5.46		0.669	2.46	1	2.3	J	0.669	2.46	1
Isopropylbenzene (Cumene)	98-82-8	420	ug/m3	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	1.42		0.305	0.983	1	ND	U	0.305	0.983	1	1.54		0.305	0.983	1	ND	U	0.305	0.983	1
M,P-Xylene	179601-23-1	NS	ug/m3	ND	U	0.543	1.74	1	ND	U	0.543	1.74	1	1.81		0.543	1.74	1	ND	U	0.543	1.74	1	1.64	J	0.543	1.74	1	2.18		0.543	1.74	1
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	3100	ug/m3	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1
Methyl Methacrylate	80-62-6	730	ug/m3	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	150		0.925	2.05	1	ND	U	0.925	2.05	1	153		0.925	2.05	1	ND	U	0.925	2.05	1
Methylene Chloride	75-09-2	630	ug/m3	ND	U	0.434	1.74	1	0.476	J	0.434	1.74	1	0.917	J	0.434	1.74	1	ND	U	0.434	1.74	1	1.05	J	0.434	1.74	1	ND	U	0.434	1.74	1
Naphthalene	91-20-3	0.83	ug/m3	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	0.121	J	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1
n-Hexane	110-54-3	730	ug/m3	0.345	J	0.262	0.705	1	5.04		0.262	0.705	1	5.99		0.262	0.705	1	0.317	J	0.262	0.705	1	3.98		0.262	0.705	1	4.12		0.262	0.705	1
o-Xylene (1,2-Dimethylbenzene)	95-47-6	100	ug/m3	ND	U	0.27	0.869	1	ND	U	0.27	0.869	1	0.404	J	0.27	0.869	1	ND	U	0.27	0.869	1	0.443	J	0.27	0.869	1	0.851	J	0.27	0.869	1
Styrene	100-42-5	1000	ug/m3	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	0.788	J	0.254	0.852	1	ND	U	0.254	0.852	1	0.668	J	0.254	0.852	1	ND	U	0.254	0.852	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	110	ug/m3	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1
Tetrachloroethene (PCE)	127-18-4	42	ug/m3	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1
Tetrahydrofuran	109-99-9	2100	ug/m3	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	0.9	J	0.345	1.47	1	ND	U	0.345	1.47	1	0.773	J	0.345	1.47	1	ND	U	0.345	1.47	1
Toluene	108-88-3	5200	ug/m3	0.626	J	0.327	0.754	1	0.754		0.327	0.754	1	4.52		0.327	0.754	1	0.52	J	0.327	0.754	1	3.92		0.327	0.754	1	4.52		0.327	0.754	1
Total Xylenes	1330-20-7	100	ug/m3	ND	U	0.27	0.869	1	ND	U	0.27	0.869	1	2.21	J	0.27	0.869	1	ND	U	0.27	0.869	1	2.08	J	0.27	0.869	1	3.03	J	0.27	0.869	1
Trans-1,2-Dichloroethene	156-60-5	42	ug/m3	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1
Trichloroethene (TCE)	79-01-6	2.1	ug/m3	ND	U	0.295	1.07	1	0.5	J	0.295	1.07	1	1.4		0.295	1.07	1	ND	U	0.295	1.07	1	1.06	J	0.295	1.07	1	ND	U	0.295	1.07	1
Trichlorofluoromethane	75-69-4	NS	ug/m3	1.44		0.442	1.12	1	1.34		0.442	1.12	1	1.42		0.442	1.12	1	1.42		0.442	1.12	1	1.42		0.442	1.12	1	1.15		0.442	1.12	1
Vinyl Chloride	75-01-4	1.7	ug/m3	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1

See notes on last page.

Table 6
Perimeter Fenceline Air Results: May 27 - August 28, 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project #220240201

Analyte	CAS Number	EPA RSLs for Resident Air (THQ=1.0, TCR=1E-05)	Location	AA-2					AA-2					AA-2					AA-2					AA-2					AA-2				
			Sample Name	AA-2_20260806					AA-2_20260807					AA-2_20260810					AA-2_20260811					AA-2_20260812					AA-2_20260813				
			Sample Date	08/06/2026					08/07/2026					08/10/2026					08/11/2026					08/12/2026					08/13/2026				
			Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds																																
1,1,1-Trichloroethane	71-55-6	5200	ug/m3	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1
1,1,2,2-Tetrachloroethane	79-34-5	0.48	ug/m3	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5200	ug/m3	0.475	J	0.388	1.53	1	0.437	J	0.388	1.53	1	0.506	J	0.388	1.53	1	0.506	J	0.388	1.53	1	0.544	J	0.388	1.53	1	0.659	J	0.388	1.53	1
1,1,2-Trichloroethane	79-00-5	0.21	ug/m3	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1
1,1-Dichloroethane	75-34-3	18	ug/m3	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1
1,1-Dichloroethene	75-35-4	4.1	ug/m3	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1
1,2,4-Trichlorobenzene	120-82-1	2.1	ug/m3	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1
1,2,4-Trimethylbenzene	95-63-6	63	ug/m3	ND	U	0.284	0.983	1	ND	U	0.284	0.983	1	0.339	J	0.284	0.983	1	ND	U	0.284	0.983	1	ND	U	0.284	0.983	1	ND	U	0.284	0.983	1
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.047	ug/m3	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1
1,2-Dichlorobenzene	95-50-1	210	ug/m3	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1
1,2-Dichloroethane	107-06-2	1.1	ug/m3	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1
1,2-Dichloropropane	78-87-5	4.2	ug/m3	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	63	ug/m3	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1
1,3-Butadiene	106-99-0	0.94	ug/m3	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1
1,3-Dichloropropane	142-28-9	NS	ug/m3	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1
1,4-Dichlorobenzene	106-46-7	2.6	ug/m3	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1
1,4-Dioxane (P-Dioxane)	123-91-1	5.6	ug/m3	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1
Acetone	67-64-1	NS	ug/m3	12.9		1.22	2.38	1	6.37		1.22	2.38	1	7.01		1.22	2.38	1	7.77		1.22	2.38	1	12.1		1.22	2.38	1	15.6		1.22	2.38	1
Acrolein	107-02-8	0.021	ug/m3	**0.385**		*0.089*	*0.115*	1	**0.156**		*0.089*	*0.115*	1	**0.133**		*0.089*	*0.115*	1	**0.128**		*0.089*	*0.115*	1	**0.307**		*0.089*	*0.115*	1	**0.656**		*0.089*	*0.115*	1
Acrylonitrile	107-13-1	0.41	ug/m3	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1
Allyl Chloride (3-Chloropropene)	107-05-1	1	ug/m3	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1
Benzene	71-43-2	3.6	ug/m3	1.13		0.205	0.639	1	0.466	J	0.205	0.639	1	0.85		0.205	0.639	1	0.565	J	0.205	0.639	1	1.13		0.205	0.639	1	0.482	J	0.205	0.639	1
Benzyl Chloride	100-44-7	0.57	ug/m3	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1
Bromodichloromethane	75-27-4	0.76	ug/m3	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1
Bromoethene	593-60-2	1.9	ug/m3	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1
Bromoform	75-25-2	26	ug/m3	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1
Bromomethane	74-83-9	5.2	ug/m3	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1
Carbon Disulfide	75-15-0	730	ug/m3	ND	U	0.145	0.623	1	0.196	J	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1
Carbon Tetrachloride	56-23-5	4.7	ug/m3	0.484	J	0.432	1.26	1	0.478	J	0.432	1.26	1	0.491	J	0.432	1.26	1	0.497	J	0.432	1.26	1	0.591	J	0.432	1.26	1	0.604	J	0.432	1.26	1
Chlorobenzene	108-90-7	52	ug/m3	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1
Chloroethane	75-00-3	4200	ug/m3	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1
Chloroform	67-66-3	1.2	ug/m3	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1
Chloromethane	74-87-3	94	ug/m3	1.31		0.119	0.413	1	1.36		0.119	0.413	1	1.35		0.119	0.413	1	1.35		0.119	0.413	1	1.28		0.119	0.413	1	1.47		0.119	0.413	1
Cyclohexane	110-82-7	6300	ug/m3	0.644	J	0.251	0.688	1	0.272	J	0.251	0.688	1	0.547	J	0.251	0.688	1	ND	U	0.251	0.688	1	0.506	J	0.251	0.688	1	ND	U	0.251	0.688	1
Dibromochloromethane	124-48-1	NS	ug/m3	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1
Dichlorodifluoromethane	75-71-8	100	ug/m3	2.37		0.374	0.989	1	2.4		0.374	0.989	1	2.42		0.374	0.989	1	2.5		0.374	0.989	1	2.78		0.374	0.989	1	2.81		0.374	0.989	1
Ethylbenzene	100-41-4	11	ug/m3	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1	0.252	J	0.25	0.869	1	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1
Isopropanol	67-63-0	210	ug/m3	3.12		0.669	2.46	1	2.1	J	0.669	2.46	1	6.1		0.669	2.46	1	2.58		0.669	2.46	1	2.12	J	0.669	2.46	1	3.05		0.669	2.46	1
Isopropylbenzene (Cumene)	98-82-8	420	ug/m3	0.678	J	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	0.388	J	0.305	0.983	1	ND	U	0.305	0.983	1
M,P-Xylene	179601-23-1	NS	ug/m3	1.19	J	0.543	1.74	1	ND	U	0.543	1.74	1	1.58	J	0.543	1.74	1	0.903	J	0.543	1.74	1	1.14	J	0.543	1.74	1	ND	U	0.543	1.74	1
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	3100	ug/m3	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1
Methyl Methacrylate	80-62-6	730	ug/m3	42.2		0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	25.6		0.925	2.05	1	1.38	J	0.925	2.05	1
Methylene Chloride	75-09-2	630	ug/m3	0.681	J	0.434	1.74	1	ND	U	0.434	1.74	1	ND	U	0.434	1.74	1	ND	U	0.434	1.74	1	0.65	J	0.434	1.74	1	0.49	J	0.434	1.74	1
Naphthalene	91-20-3	0.83	ug/m3	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1
n-Hexane	110-54-3	730	ug/m3	4.86		0.262	0.705	1	1.16		0.262	0.705	1	3.74		0.262	0.705	1	1.05		0.262	0.705	1	3.22		0.262	0.705	1	0.574	J	0.262	0.705	1
o-Xylene (1,2-Dimethylbenzene)	95-47-6	100	ug/m3	0.274	J	0.27	0.869	1	ND	U	0.27	0.869	1	0.391	J	0.27	0.869	1	0.339	J	0.27	0.869	1	0.287	J	0.27	0.869	1	ND	U	0.27	0.869	1
Styrene	100-42-5	1000	ug/m3	0.285	J	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	110	ug/m3	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1
Tetrachloroethene (PCE)	127-18-4	42	ug/m3	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1
Tetrahydrofuran	109-99-9	2100	ug/m3	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1
Toluene	108-88-3	5200	ug/m3	2.68		0.327	0.754	1	0.931		0.327	0.754	1	2.19		0.327	0.754	1	1.44		0.327	0.754	1	2.41		0.327	0.754	1	1.36		0.327	0.754	1
Total Xylenes	1330-20-7	100	ug/m3	1.46	J	0.27	0.869	1	ND	U	0.27	0.869	1	1.97	J	0.27	0.869	1	1.24	J	0.27	0.869	1	1.43	J	0.27	0.869	1	ND	U	0.27	0.869	1
Trans-1,2-Dichloroethene	156-60-5	42	ug/m3	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1
Trichloroethene (TCE)	79-01-6	2.1	ug/m3	0.763	J	0.295	1.07	1	0.86	J	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	0.795	J	0.295	1.07	1	0.645	J	0.295	1.07	1
Trichlorofluoromethane	75-69-4	NS	ug/m3	1.14		0.442	1.12	1	1.09	J	0.442	1.12	1	1.17		0.442	1.12	1	1.19		0.442	1.12	1	1.24		0.442	1.12	1	1.57		0.442	1.12	1
Vinyl Chloride	75-01-4	1.7	ug/m3	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1

See notes on last page.

Table 6
Perimeter Fenceline Air Results: May 27 - August 28, 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project #220240201

Analyte	CAS Number	EPA RSLs for Resident Air (THQ=1.0, TCR=1E-05)	Location	AA-2					AA-2					AA-2					AA-2					AA-2					AA-2				
			Sample Name	AA-2_20260814					AA-2_20260817					AA-2_20260818					AA-2_20260819					AA-2_20260820					AA-2_20260821				
			Sample Date	08/14/2026					08/17/2026					08/18/2026					08/19/2026					08/20/2026					08/21/2026				
			Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds																																
1,1,1-Trichloroethane	71-55-6	5200	ug/m3	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1
1,1,2,2-Tetrachloroethane	79-34-5	0.48	ug/m3	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5200	ug/m3	0.583	J	0.388	1.53	1	0.498	J	0.388	1.53	1	0.475	J	0.388	1.53	1	0.514	J	0.388	1.53	1	0.46	J	0.388	1.53	1	0.468	J	0.388	1.53	1
1,1,2-Trichloroethane	79-00-5	0.21	ug/m3	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1
1,1-Dichloroethane	75-34-3	18	ug/m3	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1
1,1-Dichloroethene	75-35-4	4.1	ug/m3	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1
1,2,4-Trichlorobenzene	120-82-1	2.1	ug/m3	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1
1,2,4-Trimethylbenzene	95-63-6	63	ug/m3	0.413	J	0.284	0.983	1	0.438	J	0.284	0.983	1	0.315	J	0.284	0.983	1	ND	U	0.284	0.983	1	0.324	J	0.284	0.983	1	ND	U	0.284	0.983	1
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.047	ug/m3	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1
1,2-Dichlorobenzene	95-50-1	210	ug/m3	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1
1,2-Dichloroethane	107-06-2	1.1	ug/m3	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1
1,2-Dichloropropane	78-87-5	4.2	ug/m3	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	63	ug/m3	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1
1,3-Butadiene	106-99-0	0.94	ug/m3	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1
1,3-Dichloropropane	142-28-9	NS	ug/m3	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1
1,4-Dichlorobenzene	106-46-7	2.6	ug/m3	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1
1,4-Dioxane (P-Dioxane)	123-91-1	5.6	ug/m3	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1
Acetone	67-64-1	NS	ug/m3	17.5		1.22	2.38	1	10.4		1.22	2.38	1	7.89		1.22	2.38	1	9.19		1.22	2.38	1	11		1.22	2.38	1	9.48		1.22	2.38	1
Acrolein	107-02-8	0.021	ug/m3	**0.968**		*0.089*	*0.115*	1	**0.387**		*0.089*	*0.115*	1	**0.204**		*0.089*	*0.115*	1	**0.163**		*0.089*	*0.115*	1	**0.358**		*0.089*	*0.115*	1	**0.177**		*0.089*	*0.115*	1
Acrylonitrile	107-13-1	0.41	ug/m3	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1
Allyl Chloride (3-Chloropropene)	107-05-1	1	ug/m3	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1
Benzene	71-43-2	3.6	ug/m3	1.02		0.205	0.639	1	0.492	J	0.205	0.639	1	0.994		0.205	0.639	1	0.434	J	0.205	0.639	1	0.939		0.205	0.639	1	0.45	J	0.205	0.639	1
Benzyl Chloride	100-44-7	0.57	ug/m3	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1
Bromodichloromethane	75-27-4	0.76	ug/m3	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1
Bromoethene	593-60-2	1.9	ug/m3	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1
Bromoform	75-25-2	26	ug/m3	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1
Bromomethane	74-83-9	5.2	ug/m3	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1
Carbon Disulfide	75-15-0	730	ug/m3	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1
Carbon Tetrachloride	56-23-5	4.7	ug/m3	0.453	J	0.432	1.26	1	0.453	J	0.432	1.26	1	ND	U	0.432	1.26	1	0.434	J	0.432	1.26	1	0.453	J	0.432	1.26	1	0.459	J	0.432	1.26	1
Chlorobenzene	108-90-7	52	ug/m3	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1
Chloroethane	75-00-3	4200	ug/m3	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1
Chloroform	67-66-3	1.2	ug/m3	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1
Chloromethane	74-87-3	94	ug/m3	1.35		0.119	0.413	1	1.27		0.119	0.413	1	1.18		0.119	0.413	1	1.26		0.119	0.413	1	1.21		0.119	0.413	1	1.2		0.119	0.413	1
Cyclohexane	110-82-7	6300	ug/m3	0.523	J	0.251	0.688	1	0.296	J	0.251	0.688	1	0.447	J	0.251	0.688	1	ND	U	0.251	0.688	1	0.365	J	0.251	0.688	1	ND	U	0.251	0.688	1
Dibromochloromethane	124-48-1	NS	ug/m3	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1
Dichlorodifluoromethane	75-71-8	100	ug/m3	2.53		0.374	0.989	1	2.37		0.374	0.989	1	2.25		0.374	0.989	1	2.38		0.374	0.989	1	2.25		0.374	0.989	1	2.38		0.374	0.989	1
Ethylbenzene	100-41-4	11	ug/m3	0.313	J	0.25	0.869	1	0.361	J	0.25	0.869	1	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1	0.261	J	0.25	0.869	1	ND	U	0.25	0.869	1
Isopropanol	67-63-0	210	ug/m3	4.13		0.669	2.46	1	1.04	J	0.669	2.46	1	0.863	J	0.669	2.46	1	0.914	J	0.669	2.46	1	2.39	J	0.669	2.46	1	1.29	J	0.669	2.46	1
Isopropylbenzene (Cumene)	98-82-8	420	ug/m3	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1
M,P-Xylene	179601-23-1	NS	ug/m3	1.59	J	0.543	1.74	1	1.15	J	0.543	1.74	1	1.25	J	0.543	1.74	1	ND	U	0.543	1.74	1	1.02	J	0.543	1.74	1	ND	U	0.543	1.74	1
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	3100	ug/m3	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1
Methyl Methacrylate	80-62-6	730	ug/m3	ND	U	0.925	2.05	1	2.18		0.925	2.05	1	9.3		0.925	2.05	1	0.991	J	0.925	2.05	1	3.2		0.925	2.05	1	ND	U	0.925	2.05	1
Methylene Chloride	75-09-2	630	ug/m3	ND	U	0.434	1.74	1	ND	U	0.434	1.74	1	ND	U	0.434	1.74	1	ND	U	0.434	1.74	1	ND	U	0.434	1.74	1	ND	U	0.434	1.74	1
Naphthalene	91-20-3	0.83	ug/m3	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	0.11	J	0.11	0.262	1	ND	U	0.11	0.262	1
n-Hexane	110-54-3	730	ug/m3	3.31		0.262	0.705	1	1.04		0.262	0.705	1	3.26		0.262	0.705	1	0.448	J	0.262	0.705	1	2.33		0.262	0.705	1	0.694	J	0.262	0.705	1
o-Xylene (1,2-Dimethylbenzene)	95-47-6	100	ug/m3	0.456	J	0.27	0.869	1	0.495	J	0.27	0.869	1	0.313	J	0.27	0.869	1	ND	U	0.27	0.869	1	0.317	J	0.27	0.869	1	ND	U	0.27	0.869	1
Styrene	100-42-5	1000	ug/m3	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	110	ug/m3	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1
Tetrachloroethene (PCE)	127-18-4	42	ug/m3	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1
Tetrahydrofuran	109-99-9	2100	ug/m3	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1
Toluene	108-88-3	5200	ug/m3	2.62		0.327	0.754	1	2.68		0.327	0.754	1	2.83		0.327	0.754	1	1.4		0.327	0.754	1	2.17		0.327	0.754	1	0.814		0.327	0.754	1
Total Xylenes	1330-20-7	100	ug/m3	2.05	J	0.27	0.869	1	1.64	J	0.27	0.869	1	1.56	J	0.27	0.869	1	ND	U	0.27	0.869	1	1.34	J	0.27	0.869	1	ND	U	0.27	0.869	1
Trans-1,2-Dichloroethene	156-60-5	42	ug/m3	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1
Trichloroethene (TCE)	79-01-6	2.1	ug/m3	ND	U	0.295	1.07	1	1.06	J	0.295	1.07	1	0.645	J	0.295	1.07	1	0.457	J	0.295	1.07	1	0.322	J	0.295	1.07	1	ND	U	0.295	1.07	1
Trichlorofluoromethane	75-69-4	NS	ug/m3	1.29		0.442	1.12	1	1.2		0.442	1.12	1	1.15		0.442	1.12	1	1.19		0.442	1.12	1	1.16		0.442	1.12	1	1.19		0.442	1.12	1
Vinyl Chloride	75-01-4	1.7	ug/m3	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1

See notes on last page.

Table 6
Perimeter Fenceline Air Results: May 27 - August 28, 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project #220240201

Analyte	CAS Number	EPA RSLs for Resident Air (THQ=1.0, TCR=1E-05)	Location	AA-2					AA-2					AA-2					AA-2					AA-2					AA-3				
			Sample Name	AA-2_20260824					AA-2_20260825					AA-2_20260826					AA-2_20260827					AA-2_20260828					AA-3_20260527				
			Sample Date	08/24/2026					08/25/2026					08/26/2026					08/27/2026					08/28/2026					05/27/2026				
			Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds																																
1,1,1-Trichloroethane	71-55-6	5200	ug/m3	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1
1,1,2,2-Tetrachloroethane	79-34-5	0.48	ug/m3	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5200	ug/m3	0.514	J	0.388	1.53	1	0.56	J	0.388	1.53	1	0.774	J	0.388	1.53	1	0.537	J	0.388	1.53	1	0.583	J	0.388	1.53	1	0.927	J	0.388	1.53	1
1,1,2-Trichloroethane	79-00-5	0.21	ug/m3	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1
1,1-Dichloroethane	75-34-3	18	ug/m3	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1
1,1-Dichloroethene	75-35-4	4.1	ug/m3	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1
1,2,4-Trichlorobenzene	120-82-1	2.1	ug/m3	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1
1,2,4-Trimethylbenzene	95-63-6	63	ug/m3	ND	U	0.284	0.983	1	ND	U	0.284	0.983	1	0.3	J	0.284	0.983	1	0.728	J	0.284	0.983	1	0.472	J	0.284	0.983	1	0.3	J	0.284	0.983	1
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.047	ug/m3	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1
1,2-Dichlorobenzene	95-50-1	210	ug/m3	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1
1,2-Dichloroethane	107-06-2	1.1	ug/m3	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1
1,2-Dichloropropane	78-87-5	4.2	ug/m3	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	63	ug/m3	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1
1,3-Butadiene	106-99-0	0.94	ug/m3	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1
1,3-Dichloropropane	142-28-9	NS	ug/m3	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1
1,4-Dichlorobenzene	106-46-7	2.6	ug/m3	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1
1,4-Dioxane (P-Dioxane)	123-91-1	5.6	ug/m3	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1
Acetone	67-64-1	NS	ug/m3	11.7		1.22	2.38	1	6.89		1.22	2.38	1	9.22		1.22	2.38	1	11.6		1.22	2.38	1	7.41		1.22	2.38	1	6.56		1.22	2.38	1
Acrolein	107-02-8	0.021	ug/m3	**0.55**		*0.089*	*0.115*	1	**0.156**		*0.089*	*0.115*	1	**0.321**		*0.089*	*0.115*	1	**0.172**		*0.089*	*0.115*	1	**0.177**		*0.089*	*0.115*	1	**0.183**		*0.089*	*0.115*	1
Acrylonitrile	107-13-1	0.41	ug/m3	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1
Allyl Chloride (3-Chloropropene)	107-05-1	1	ug/m3	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1
Benzene	71-43-2	3.6	ug/m3	0.441	J	0.205	0.639	1	0.419	J	0.205	0.639	1	0.901		0.205	0.639	1	0.805		0.205	0.639	1	0.463	J	0.205	0.639	1	1.01		0.205	0.639	1
Benzyl Chloride	100-44-7	0.57	ug/m3	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1
Bromodichloromethane	75-27-4	0.76	ug/m3	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1
Bromoethene	593-60-2	1.9	ug/m3	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1
Bromoform	75-25-2	26	ug/m3	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1
Bromomethane	74-83-9	5.2	ug/m3	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1
Carbon Disulfide	75-15-0	730	ug/m3	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1
Carbon Tetrachloride	56-23-5	4.7	ug/m3	ND	U	0.432	1.26	1	ND	U	0.432	1.26	1	0.459	J	0.432	1.26	1	0.44	J	0.432	1.26	1	0.447	J	0.432	1.26	1	0.56	J	0.432	1.26	1
Chlorobenzene	108-90-7	52	ug/m3	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1
Chloroethane	75-00-3	4200	ug/m3	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1
Chloroform	67-66-3	1.2	ug/m3	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1
Chloromethane	74-87-3	94	ug/m3	0.94		0.119	0.413	1	1.11		0.119	0.413	1	1.2		0.119	0.413	1	1.17		0.119	0.413	1	1.21		0.119	0.413	1	1.32		0.119	0.413	1
Cyclohexane	110-82-7	6300	ug/m3	ND	U	0.251	0.688	1	ND	U	0.251	0.688	1	0.516	J	0.251	0.688	1	0.716		0.251	0.688	1	ND	U	0.251	0.688	1	1.03		0.251	0.688	1
Dibromochloromethane	124-48-1	NS	ug/m3	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1
Dichlorodifluoromethane	75-71-8	100	ug/m3	1.81		0.374	0.989	1	2.24		0.374	0.989	1	2.12		0.374	0.989	1	2.2		0.374	0.989	1	2.75		0.374	0.989	1	2.5		0.374	0.989	1
Ethylbenzene	100-41-4	11	ug/m3	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1	0.265	J	0.25	0.869	1	0.573	J	0.25	0.869	1	0.265	J	0.25	0.869	1	0.261	J	0.25	0.869	1
Isopropanol	67-63-0	210	ug/m3	0.801	J	0.669	2.46	1	1.19	J	0.669	2.46	1	1.35	J	0.669	2.46	1	2.25	J	0.669	2.46	1	1.21	J	0.669	2.46	1	1.28	J	0.669	2.46	1
Isopropylbenzene (Cumene)	98-82-8	420	ug/m3	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1
M,P-Xylene	179601-23-1	NS	ug/m3	ND	U	0.543	1.74	1	ND	U	0.543	1.74	1	1.07	J	0.543	1.74	1	2.31		0.543	1.74	1	0.882	J	0.543	1.74	1	0.877	J	0.543	1.74	1
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	3100	ug/m3	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1
Methyl Methacrylate	80-62-6	730	ug/m3	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	6.31		0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1
Methylene Chloride	75-09-2	630	ug/m3	ND	U	0.434	1.74	1	ND	U	0.434	1.74	1	0.441	J	0.434	1.74	1	ND	U	0.434	1.74	1	ND	U	0.434	1.74	1	0.545	J	0.434	1.74	1
Naphthalene	91-20-3	0.83	ug/m3	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	0.152	J	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1
n-Hexane	110-54-3	730	ug/m3	0.567	J	0.262	0.705	1	0.589	J	0.262	0.705	1	2.76		0.262	0.705	1	2.11		0.262	0.705	1	0.677	J	0.262	0.705	1	3.33		0.262	0.705	1
o-Xylene (1,2-Dimethylbenzene)	95-47-6	100	ug/m3	ND	U	0.27	0.869	1	ND	U	0.27	0.869	1	0.334	J	0.27	0.869	1	0.964		0.27	0.869	1	0.387	J	0.27	0.869	1	0.343	J	0.27	0.869	1
Styrene	100-42-5	1000	ug/m3	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	110	ug/m3	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1
Tetrachloroethene (PCE)	127-18-4	42	ug/m3	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1
Tetrahydrofuran	109-99-9	2100	ug/m3	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1
Toluene	108-88-3	5200	ug/m3	0.78		0.327	0.754	1	1.24		0.327	0.754	1	2.42		0.327	0.754	1	3.5		0.327	0.754	1	1.46		0.327	0.754	1	1.9		0.327	0.754	1
Total Xylenes	1330-20-7	100	ug/m3	ND	U	0.27	0.869	1	ND	U	0.27	0.869	1	1.41	J	0.27	0.869	1	3.27		0.27	0.869	1	1.27	J	0.27	0.869	1	1.22	J	0.27	0.869	1
Trans-1,2-Dichloroethene	156-60-5	42	ug/m3	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1
Trichloroethene (TCE)	79-01-6	2.1	ug/m3	ND	U	0.295	1.07	1	0.457	J	0.295	1.07	1	0.511	J	0.295	1.07	1	0.371	J	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1
Trichlorofluoromethane	75-69-4	NS	ug/m3	1	J	0.442	1.12	1	1.18		0.442	1.12	1	1.26		0.442	1.12	1	1.13		0.442	1.12	1	1.35		0.442	1.12	1	1.44		0.442	1.12	1
Vinyl Chloride	75-01-4	1.7	ug/m3	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1

See notes on last page.

Table 6
Perimeter Fenceline Air Results: May 27 - August 28, 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project #220240201

Analyte	CAS Number	EPA RSLs for Resident Air (THQ=1.0, TCR=1E-05)	Location	AA-3					AA-3					AA-3					AA-3					AA-3					AA-3				
			Sample Name	AA-3_20260528					AA-3_20260529					AA-3_20260601					AA-3_20260602					AA-3_20260603					AA-3_20260604				
			Sample Date	05/28/2026					05/29/2026					06/01/2026					06/02/2026					06/03/2026					06/04/2026				
			Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds																																
1,1,1-Trichloroethane	71-55-6	5200	ug/m3	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1
1,1,2,2-Tetrachloroethane	79-34-5	0.48	ug/m3	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5200	ug/m3	0.544	J	0.388	1.53	1	0.506	J	0.388	1.53	1	0.521	J	0.388	1.53	1	0.491	J	0.388	1.53	1	0.598	J	0.388	1.53	1	0.59	J	0.388	1.53	1
1,1,2-Trichloroethane	79-00-5	0.21	ug/m3	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1
1,1-Dichloroethane	75-34-3	18	ug/m3	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1
1,1-Dichloroethene	75-35-4	4.1	ug/m3	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1
1,2,4-Trichlorobenzene	120-82-1	2.1	ug/m3	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1
1,2,4-Trimethylbenzene	95-63-6	63	ug/m3	ND	U	0.284	0.983	1	ND	U	0.284	0.983	1	0.374	J	0.284	0.983	1	0.3	J	0.284	0.983	1	ND	U	0.284	0.983	1	0.59	J	0.284	0.983	1
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.047	ug/m3	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1
1,2-Dichlorobenzene	95-50-1	210	ug/m3	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1
1,2-Dichloroethane	107-06-2	1.1	ug/m3	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1
1,2-Dichloropropane	78-87-5	4.2	ug/m3	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	63	ug/m3	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	0.32	J	0.295	0.983	1
1,3-Butadiene	106-99-0	0.94	ug/m3	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1
1,3-Dichloropropane	142-28-9	NS	ug/m3	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1
1,4-Dichlorobenzene	106-46-7	2.6	ug/m3	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1
1,4-Dioxane (P-Dioxane)	123-91-1	5.6	ug/m3	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1
Acetone	67-64-1	NS	ug/m3	9		1.22	2.38	1	10.6		1.22	2.38	1	4.04		1.22	2.38	1	6.7		1.22	2.38	1	13.8		1.22	2.38	1	13.5		1.22	2.38	1
Acrolein	107-02-8	0.021	ug/m3	**0.188**		*0.089*	*0.115*	1	**0.665**		*0.089*	*0.115*	1	**0.186**		*0.089*	*0.115*	1	**0.339**		*0.089*	*0.115*	1	**0.571**		*0.089*	*0.115*	1	**0.291**		*0.089*	*0.115*	1
Acrylonitrile	107-13-1	0.41	ug/m3	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1
Allyl Chloride (3-Chloropropene)	107-05-1	1	ug/m3	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1
Benzene	71-43-2	3.6	ug/m3	ND	U	0.205	0.639	1	ND	U	0.205	0.639	1	0.415	J	0.205	0.639	1	0.415	J	0.205	0.639	1	ND	U	0.205	0.639	1	1.51		0.205	0.639	1
Benzyl Chloride	100-44-7	0.57	ug/m3	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1
Bromodichloromethane	75-27-4	0.76	ug/m3	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1
Bromoethene	593-60-2	1.9	ug/m3	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1
Bromoform	75-25-2	26	ug/m3	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1
Bromomethane	74-83-9	5.2	ug/m3	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1
Carbon Disulfide	75-15-0	730	ug/m3	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1
Carbon Tetrachloride	56-23-5	4.7	ug/m3	0.453	J	0.432	1.26	1	0.434	J	0.432	1.26	1	0.497	J	0.432	1.26	1	ND	U	0.432	1.26	1	0.478	J	0.432	1.26	1	0.459	J	0.432	1.26	1
Chlorobenzene	108-90-7	52	ug/m3	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1
Chloroethane	75-00-3	4200	ug/m3	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1
Chloroform	67-66-3	1.2	ug/m3	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1
Chloromethane	74-87-3	94	ug/m3	1.33		0.119	0.413	1	1.2		0.119	0.413	1	1.21		0.119	0.413	1	1.15		0.119	0.413	1	1.09		0.119	0.413	1	1.11		0.119	0.413	1
Cyclohexane	110-82-7	6300	ug/m3	ND	U	0.251	0.688	1	ND	U	0.251	0.688	1	0.32	J	0.251	0.688	1	0.344	J	0.251	0.688	1	ND	U	0.251	0.688	1	1.37		0.251	0.688	1
Dibromochloromethane	124-48-1	NS	ug/m3	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1
Dichlorodifluoromethane	75-71-8	100	ug/m3	2.33		0.374	0.989	1	2.4		0.374	0.989	1	2.56		0.374	0.989	1	2.45		0.374	0.989	1	2.68		0.374	0.989	1	2.43		0.374	0.989	1
Ethylbenzene	100-41-4	11	ug/m3	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1	0.265	J	0.25	0.869	1	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1	0.317	J	0.25	0.869	1
Isopropanol	67-63-0	210	ug/m3	1.05	J	0.669	2.46	1	7.87		0.669	2.46	1	1.16	J	0.669	2.46	1	1.69	J	0.669	2.46	1	1.54	J	0.669	2.46	1	2.37	J	0.669	2.46	1
Isopropylbenzene (Cumene)	98-82-8	420	ug/m3	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	0.32	J	0.305	0.983	1
M,P-Xylene	179601-23-1	NS	ug/m3	ND	U	0.543	1.74	1	ND	U	0.543	1.74	1	1.01	J	0.543	1.74	1	1.13	J	0.543	1.74	1	ND	U	0.543	1.74	1	2.76		0.543	1.74	1
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	3100	ug/m3	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1
Methyl Methacrylate	80-62-6	730	ug/m3	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	16.9		0.925	2.05	1
Methylene Chloride	75-09-2	630	ug/m3	0.504	J	0.434	1.74	1	0.486	J	0.434	1.74	1	0.528	J	0.434	1.74	1	0.507	J	0.434	1.74	1	0.514	J	0.434	1.74	1	0.601	J	0.434	1.74	1
Naphthalene	91-20-3	0.83	ug/m3	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	0.142	J	0.11	0.262	1	0.157	J	0.11	0.262	1	ND	U	0.11	0.262	1	0.11	J	0.11	0.262	1
n-Hexane	110-54-3	730	ug/m3	0.303	J	0.262	0.705	1	1.51		0.262	0.705	1	1.09		0.262	0.705	1	1.75		0.262	0.705	1	0.856		0.262	0.705	1	6.27		0.262	0.705	1
o-Xylene (1,2-Dimethylbenzene)	95-47-6	100	ug/m3	ND	U	0.27	0.869	1	ND	U	0.27	0.869	1	0.395	J	0.27	0.869	1	0.308	J	0.27	0.869	1	ND	U	0.27	0.869	1	0.582	J	0.27	0.869	1
Styrene	100-42-5	1000	ug/m3	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	110	ug/m3	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1
Tetrachloroethene (PCE)	127-18-4	42	ug/m3	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1
Tetrahydrofuran	109-99-9	2100	ug/m3	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1
Toluene	108-88-3	5200	ug/m3	0.577	J	0.327	0.754	1	0.475	J	0.327	0.754	1	1.46		0.327	0.754	1	1.47		0.327	0.754	1	0.396	J	0.327	0.754	1	5.28		0.327	0.754	1
Total Xylenes	1330-20-7	100	ug/m3	ND	U	0.27	0.869	1	ND	U	0.27	0.869	1	1.4	J	0.27	0.869	1	1.44	J	0.27	0.869	1	ND	U	0.27	0.869	1	3.34	J	0.27	0.869	1
Trans-1,2-Dichloroethene	156-60-5	42	ug/m3	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1
Trichloroethene (TCE)	79-01-6	2.1	ug/m3	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	0.489	J	0.295	1.07	1	0.661	J	0.295	1.07	1
Trichlorofluoromethane	75-69-4	NS	ug/m3	1.2		0.442	1.12	1	1.2		0.442	1.12	1	1.17		0.442	1.12	1	1.05	J	0.442	1.12	1	1.41		0.442	1.12	1	1.3		0.442	1.12	1
Vinyl Chloride	75-01-4	1.7	ug/m3	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1

See notes on last page.

Table 6
Perimeter Fenceline Air Results: May 27 - August 28, 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project #220240201

Analyte	CAS Number	EPA RSLs for Resident Air (THQ=1.0, TCR=1E-05)	Location	AA-3					AA-3					AA-3					AA-3					AA-3					AA-3				
			Sample Name	AA-3_20260608					AA-3_20260609					AA-3_20260610					AA-3_20260611					AA-3_20260612					AA-3_20260615				
			Sample Date	06/08/2026					06/09/2026					06/10/2026					06/11/2026					06/12/2026					06/15/2026				
			Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds																																
1,1,1-Trichloroethane	71-55-6	5200	ug/m3	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1
1,1,2,2-Tetrachloroethane	79-34-5	0.48	ug/m3	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5200	ug/m3	0.935	J	0.388	1.53	1	0.514	J	0.388	1.53	1	0.514	J	0.388	1.53	1	0.537	J	0.388	1.53	1	0.529	J	0.388	1.53	1	0.59	J	0.388	1.53	1
1,1,2-Trichloroethane	79-00-5	0.21	ug/m3	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1
1,1-Dichloroethane	75-34-3	18	ug/m3	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1
1,1-Dichloroethene	75-35-4	4.1	ug/m3	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1
1,2,4-Trichlorobenzene	120-82-1	2.1	ug/m3	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1
1,2,4-Trimethylbenzene	95-63-6	63	ug/m3	0.678	J	0.284	0.983	1	0.324	J	0.284	0.983	1	0.339	J	0.284	0.983	1	0.344	J	0.284	0.983	1	1.1		0.284	0.983	1	ND	U	0.284	0.983	1
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.047	ug/m3	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1
1,2-Dichlorobenzene	95-50-1	210	ug/m3	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1
1,2-Dichloroethane	107-06-2	1.1	ug/m3	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1
1,2-Dichloropropane	78-87-5	4.2	ug/m3	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	63	ug/m3	0.295	J	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	0.462	J	0.295	0.983	1	ND	U	0.295	0.983	1
1,3-Butadiene	106-99-0	0.94	ug/m3	ND	U	0.137	0.442	1	0.155	J	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1
1,3-Dichloropropane	142-28-9	NS	ug/m3	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1
1,4-Dichlorobenzene	106-46-7	2.6	ug/m3	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1
1,4-Dioxane (P-Dioxane)	123-91-1	5.6	ug/m3	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	0.292	J	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1
Acetone	67-64-1	NS	ug/m3	ND	U	1.22	2.38	1	ND	U	1.22	2.38	1	12		1.22	2.38	1	10.6		1.22	2.38	1	20.7		1.22	2.38	1	6.1		1.22	2.38	1
Acrolein	107-02-8	0.021	ug/m3	**0.355**		*0.089*	*0.115*	1	**0.202**		*0.089*	*0.115*	1	**0.289**		*0.089*	*0.115*	1	**0.305**		*0.089*	*0.115*	1	**0.77**		*0.089*	*0.115*	1	**0.174**		*0.089*	*0.115*	1
Acrylonitrile	107-13-1	0.41	ug/m3	**0.927**	J	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	**0.534**	J	0.352	*1.09*	1	ND	U	0.352	*1.09*	1
Allyl Chloride (3-Chloropropene)	107-05-1	1	ug/m3	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1
Benzene	71-43-2	3.6	ug/m3	2.07		0.205	0.639	1	0.393	J	0.205	0.639	1	0.805		0.205	0.639	1	0.383	J	0.205	0.639	1	3		0.205	0.639	1	0.473	J	0.205	0.639	1
Benzyl Chloride	100-44-7	0.57	ug/m3	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1
Bromodichloromethane	75-27-4	0.76	ug/m3	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	0.154		0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	0.094	J	0.05	0.134	1
Bromoethene	593-60-2	1.9	ug/m3	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1
Bromoform	75-25-2	26	ug/m3	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1
Bromomethane	74-83-9	5.2	ug/m3	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	0.501	J	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1
Carbon Disulfide	75-15-0	730	ug/m3	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1
Carbon Tetrachloride	56-23-5	4.7	ug/m3	0.667	J	0.432	1.26	1	0.497	J	0.432	1.26	1	0.497	J	0.432	1.26	1	ND	U	0.432	1.26	1	0.459	J	0.432	1.26	1	0.44	J	0.432	1.26	1
Chlorobenzene	108-90-7	52	ug/m3	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1
Chloroethane	75-00-3	4200	ug/m3	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1
Chloroform	67-66-3	1.2	ug/m3	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1
Chloromethane	74-87-3	94	ug/m3	1.26		0.119	0.413	1	1.2		0.119	0.413	1	1.88		0.119	0.413	1	1.34		0.119	0.413	1	1.73		0.119	0.413	1	1.37		0.119	0.413	1
Cyclohexane	110-82-7	6300	ug/m3	2.21		0.251	0.688	1	0.324	J	0.251	0.688	1	0.682	J	0.251	0.688	1	0.268	J	0.251	0.688	1	2.62		0.251	0.688	1	0.485	J	0.251	0.688	1
Dibromochloromethane	124-48-1	NS	ug/m3	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1
Dichlorodifluoromethane	75-71-8	100	ug/m3	5.14		0.374	0.989	1	2.3		0.374	0.989	1	2.26		0.374	0.989	1	2.27		0.374	0.989	1	2.36		0.374	0.989	1	2.27		0.374	0.989	1
Ethylbenzene	100-41-4	11	ug/m3	0.469	J	0.25	0.869	1	ND	U	0.25	0.869	1	0.261	J	0.25	0.869	1	0.261	J	0.25	0.869	1	0.595	J	0.25	0.869	1	0.252	J	0.25	0.869	1
Isopropanol	67-63-0	210	ug/m3	1.42	J	0.669	2.46	1	0.826	J	0.669	2.46	1	3.56		0.669	2.46	1	8.33		0.669	2.46	1	11.1		0.669	2.46	1	1.07	J	0.669	2.46	1
Isopropylbenzene (Cumene)	98-82-8	420	ug/m3	1.25		0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	1.24		0.305	0.983	1	ND	U	0.305	0.983	1
M,P-Xylene	179601-23-1	NS	ug/m3	3.12		0.543	1.74	1	0.604	J	0.543	1.74	1	1.03	J	0.543	1.74	1	1.02	J	0.543	1.74	1	4.69		0.543	1.74	1	1.02	J	0.543	1.74	1
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	3100	ug/m3	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1
Methyl Methacrylate	80-62-6	730	ug/m3	124		0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	93.8		0.925	2.05	1	0.995	J	0.925	2.05	1
Methylene Chloride	75-09-2	630	ug/m3	0.688	J	0.434	1.74	1	0.462	J	0.434	1.74	1	0.507	J	0.434	1.74	1	ND	U	0.434	1.74	1	0.625	J	0.434	1.74	1	ND	U	0.434	1.74	1
Naphthalene	91-20-3	0.83	ug/m3	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	0.231	J	0.11	0.262	1	0.204	J	0.11	0.262	1	ND	U	0.11	0.262	1
n-Hexane	110-54-3	730	ug/m3	10.6		0.262	0.705	1	1.19		0.262	0.705	1	2.28		0.262	0.705	1	3.29		0.262	0.705	1	19.1		0.262	0.705	1	1.56		0.262	0.705	1
o-Xylene (1,2-Dimethylbenzene)	95-47-6	100	ug/m3	0.708	J	0.27	0.869	1	ND	U	0.27	0.869	1	0.387	J	0.27	0.869	1	0.4	J	0.27	0.869	1	1.03		0.27	0.869	1	0.374	J	0.27	0.869	1
Styrene	100-42-5	1000	ug/m3	0.609	J	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	0.737	J	0.254	0.852	1	ND	U	0.254	0.852	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	110	ug/m3	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1
Tetrachloroethene (PCE)	127-18-4	42	ug/m3	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1
Tetrahydrofuran	109-99-9	2100	ug/m3	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	0.439	J	0.345	1.47	1	ND	U	0.345	1.47	1
Toluene	108-88-3	5200	ug/m3	5.69		0.327	0.754	1	1.02		0.327	0.754	1	1.89		0.327	0.754	1	1.5		0.327	0.754	1	9.23		0.327	0.754	1	1.9		0.327	0.754	1
Total Xylenes	1330-20-7	100	ug/m3	3.83	J	0.27	0.869	1	0.604	J	0.27	0.869	1	1.42	J	0.27	0.869	1	1.42	J	0.27	0.869	1	5.73		0.27	0.869	1	1.39	J	0.27	0.869	1
Trans-1,2-Dichloroethene	156-60-5	42	ug/m3	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1
Trichloroethene (TCE)	79-01-6	2.1	ug/m3	1.02	J	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	1.26		0.295	1.07	1	1.1		0.295	1.07	1
Trichlorofluoromethane	75-69-4	NS	ug/m3	1.82		0.442	1.12	1	1.01	J	0.442	1.12	1	1.14		0.442	1.12	1	1.1	J	0.442	1.12	1	1.16		0.442	1.12	1	1.19		0.442	1.12	1
Vinyl Chloride	75-01-4	1.7	ug/m3	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1

See notes on last page.

Table 6
Perimeter Fenceline Air Results: May 27 - August 28, 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project #220240201

Analyte	CAS Number	EPA RSLs for Resident Air (THQ=1.0, TCR=1E-05)	Location	AA-3					AA-3					AA-3					AA-3					AA-3					AA-3				
			Sample Name	AA-3_20260616					AA-3_20260617					AA-3_20260618					AA-3_20260619					AA-3_20260622					AA-3_20260623				
			Sample Date	06/16/2026					06/17/2026					06/18/2026					06/19/2026					06/22/2026					06/23/2026				
			Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds																																
1,1,1-Trichloroethane	71-55-6	5200	ug/m3	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1
1,1,2,2-Tetrachloroethane	79-34-5	0.48	ug/m3	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5200	ug/m3	0.636	J	0.388	1.53	1	0.506	J	0.388	1.53	1	0.537	J	0.388	1.53	1	0.56	J	0.388	1.53	1	0.514	J	0.388	1.53	1	0.575	J	0.388	1.53	1
1,1,2-Trichloroethane	79-00-5	0.21	ug/m3	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1
1,1-Dichloroethane	75-34-3	18	ug/m3	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1
1,1-Dichloroethene	75-35-4	4.1	ug/m3	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1
1,2,4-Trichlorobenzene	120-82-1	2.1	ug/m3	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1
1,2,4-Trimethylbenzene	95-63-6	63	ug/m3	ND	U	0.284	0.983	1	0.462	J	0.284	0.983	1	ND	U	0.284	0.983	1	ND	U	0.284	0.983	1	0.492	J	0.284	0.983	1	ND	U	0.284	0.983	1
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.047	ug/m3	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1
1,2-Dichlorobenzene	95-50-1	210	ug/m3	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1
1,2-Dichloroethane	107-06-2	1.1	ug/m3	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1
1,2-Dichloropropane	78-87-5	4.2	ug/m3	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	63	ug/m3	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1
1,3-Butadiene	106-99-0	0.94	ug/m3	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	0.208	J	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1
1,3-Dichloropropane	142-28-9	NS	ug/m3	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1
1,4-Dichlorobenzene	106-46-7	2.6	ug/m3	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1
1,4-Dioxane (P-Dioxane)	123-91-1	5.6	ug/m3	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1
Acetone	67-64-1	NS	ug/m3	5.25		1.22	2.38	1	6.2		1.22	2.38	1	16.4		1.22	2.38	1	9.24		1.22	2.38	1	8.39		1.22	2.38	1	6.18		1.22	2.38	1
Acrolein	107-02-8	0.021	ug/m3	**0.133**		*0.089*	*0.115*	1	**0.179**		*0.089*	*0.115*	1	**0.686**		*0.089*	*0.115*	1	**0.211**		*0.089*	*0.115*	1	**0.271**		*0.089*	*0.115*	1	**0.108**	J	*0.089*	*0.115*	1
Acrylonitrile	107-13-1	0.41	ug/m3	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1
Allyl Chloride (3-Chloropropene)	107-05-1	1	ug/m3	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1
Benzene	71-43-2	3.6	ug/m3	0.236	J	0.205	0.639	1	0.952		0.205	0.639	1	0.534	J	0.205	0.639	1	ND	U	0.205	0.639	1	0.671		0.205	0.639	1	0.284	J	0.205	0.639	1
Benzyl Chloride	100-44-7	0.57	ug/m3	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1
Bromodichloromethane	75-27-4	0.76	ug/m3	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1
Bromoethene	593-60-2	1.9	ug/m3	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1
Bromoform	75-25-2	26	ug/m3	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1
Bromomethane	74-83-9	5.2	ug/m3	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1
Carbon Disulfide	75-15-0	730	ug/m3	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	0.199	J	0.145	0.623	1	ND	U	0.145	0.623	1
Carbon Tetrachloride	56-23-5	4.7	ug/m3	0.453	J	0.432	1.26	1	0.453	J	0.432	1.26	1	0.516	J	0.432	1.26	1	0.51	J	0.432	1.26	1	ND	U	0.432	1.26	1	ND	U	0.432	1.26	1
Chlorobenzene	108-90-7	52	ug/m3	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1
Chloroethane	75-00-3	4200	ug/m3	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1
Chloroform	67-66-3	1.2	ug/m3	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	0.415	J	0.27	0.977	1	ND	U	0.27	0.977	1
Chloromethane	74-87-3	94	ug/m3	1.42		0.119	0.413	1	1.27		0.119	0.413	1	1.29		0.119	0.413	1	0.997		0.119	0.413	1	1.44		0.119	0.413	1	1.13		0.119	0.413	1
Cyclohexane	110-82-7	6300	ug/m3	ND	U	0.251	0.688	1	0.878		0.251	0.688	1	0.475	J	0.251	0.688	1	ND	U	0.251	0.688	1	0.523	J	0.251	0.688	1	ND	U	0.251	0.688	1
Dibromochloromethane	124-48-1	NS	ug/m3	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1
Dichlorodifluoromethane	75-71-8	100	ug/m3	2.39		0.374	0.989	1	2.16		0.374	0.989	1	2.85		0.374	0.989	1	2.74		0.374	0.989	1	2.48		0.374	0.989	1	2.49		0.374	0.989	1
Ethylbenzene	100-41-4	11	ug/m3	ND	U	0.25	0.869	1	0.382	J	0.25	0.869	1	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1	0.352	J	0.25	0.869	1	ND	U	0.25	0.869	1
Isopropanol	67-63-0	210	ug/m3	1.17	J	0.669	2.46	1	2.43	J	0.669	2.46	1	1.16	J	0.669	2.46	1	1.5	J	0.669	2.46	1	1.91	J	0.669	2.46	1	2.18	J	0.669	2.46	1
Isopropylbenzene (Cumene)	98-82-8	420	ug/m3	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1
M,P-Xylene	179601-23-1	NS	ug/m3	ND	U	0.543	1.74	1	1.54	J	0.543	1.74	1	0.621	J	0.543	1.74	1	ND	U	0.543	1.74	1	1.37	J	0.543	1.74	1	ND	U	0.543	1.74	1
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	3100	ug/m3	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1
Methyl Methacrylate	80-62-6	730	ug/m3	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	2.94		0.925	2.05	1
Methylene Chloride	75-09-2	630	ug/m3	0.462	J	0.434	1.74	1	ND	U	0.434	1.74	1	0.441	J	0.434	1.74	1	0.445	J	0.434	1.74	1	ND	U	0.434	1.74	1	ND	U	0.434	1.74	1
Naphthalene	91-20-3	0.83	ug/m3	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1
n-Hexane	110-54-3	730	ug/m3	0.68	J	0.262	0.705	1	4.19		0.262	0.705	1	1.85		0.262	0.705	1	0.796		0.262	0.705	1	2.08		0.262	0.705	1	0.941		0.262	0.705	1
o-Xylene (1,2-Dimethylbenzene)	95-47-6	100	ug/m3	ND	U	0.27	0.869	1	0.578	J	0.27	0.869	1	ND	U	0.27	0.869	1	ND	U	0.27	0.869	1	0.534	J	0.27	0.869	1	ND	U	0.27	0.869	1
Styrene	100-42-5	1000	ug/m3	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	110	ug/m3	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1
Tetrachloroethene (PCE)	127-18-4	42	ug/m3	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1
Tetrahydrofuran	109-99-9	2100	ug/m3	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1
Toluene	108-88-3	5200	ug/m3	0.667	J	0.327	0.754	1	3.46		0.327	0.754	1	1.17		0.327	0.754	1	ND	U	0.327	0.754	1	2.16		0.327	0.754	1	1.62		0.327	0.754	1
Total Xylenes	1330-20-7	100	ug/m3	ND	U	0.27	0.869	1	2.12	J	0.27	0.869	1	0.621	J	0.27	0.869	1	ND	U	0.27	0.869	1	1.9	J	0.27	0.869	1	ND	U	0.27	0.869	1
Trans-1,2-Dichloroethene	156-60-5	42	ug/m3	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1
Trichloroethene (TCE)	79-01-6	2.1	ug/m3	ND	U	0.295	1.07	1	0.462	J	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1
Trichlorofluoromethane	75-69-4	NS	ug/m3	1.32		0.442	1.12	1	1.1	J	0.442	1.12	1	1.4		0.442	1.12	1	1.33		0.442	1.12	1	1.26		0.442	1.12	1	1.28		0.442	1.12	1
Vinyl Chloride	75-01-4	1.7	ug/m3	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1

See notes on last page.

Table 6
Perimeter Fenceline Air Results: May 27 - August 28, 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project #220240201

Analyte	CAS Number	EPA RSLs for Resident Air (THQ=1.0, TCR=1E-05)	Location	AA-3					AA-3					AA-3					AA-3					AA-3					AA-3				
			Sample Name	AA-3_20260624					AA-3_20260625					AA-3_20260626					AA-3_20260629					AA-3_20260630					AA-3_20260701				
			Sample Date	06/24/2026					06/25/2026					06/26/2026					06/29/2026					06/30/2026					07/01/2026				
			Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds																																	
1,1,1-Trichloroethane	71-55-6	5200	ug/m3	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1
1,1,2,2-Tetrachloroethane	79-34-5	0.48	ug/m3	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5200	ug/m3	0.498	J	0.388	1.53	1	0.537	J	0.388	1.53	1	0.544	J	0.388	1.53	1	0.537	J	0.388	1.53	1	0.544	J	0.388	1.53	1	0.651	J	0.388	1.53	1
1,1,2-Trichloroethane	79-00-5	0.21	ug/m3	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1
1,1-Dichloroethane	75-34-3	18	ug/m3	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1
1,1-Dichloroethene	75-35-4	4.1	ug/m3	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1
1,2,4-Trichlorobenzene	120-82-1	2.1	ug/m3	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1
1,2,4-Trimethylbenzene	95-63-6	63	ug/m3	ND	U	0.284	0.983	1	0.339	J	0.284	0.983	1	ND	U	0.284	0.983	1	ND	U	0.284	0.983	1	0.659	J	0.284	0.983	1	ND	U	0.284	0.983	1
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.047	ug/m3	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1
1,2-Dichlorobenzene	95-50-1	210	ug/m3	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1
1,2-Dichloroethane	107-06-2	1.1	ug/m3	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1
1,2-Dichloropropane	78-87-5	4.2	ug/m3	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	63	ug/m3	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1
1,3-Butadiene	106-99-0	0.94	ug/m3	ND	U	0.137	0.442	1	0.164	J	0.137	0.442	1	ND	U	0.137	0.442	1	0.254	J	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1
1,3-Dichloropropane	142-28-9	NS	ug/m3	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1
1,4-Dichlorobenzene	106-46-7	2.6	ug/m3	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1
1,4-Dioxane (P-Dioxane)	123-91-1	5.6	ug/m3	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1
Acetone	67-64-1	NS	ug/m3	5.25		1.22	2.38	1	6.75		1.22	2.38	1	ND	U	1.22	2.38	1	9.43		1.22	2.38	1	19.6		1.22	2.38	1	11.1		1.22	2.38	1
Acrolein	107-02-8	0.021	ug/m3	**0.11**	J	*0.089*	*0.115*	1	**0.222**		*0.089*	*0.115*	1	**0.211**		*0.089*	*0.115*	1	**0.19**		*0.089*	*0.115*	1	**0.704**		*0.089*	*0.115*	1	**0.433**		*0.089*	*0.115*	1
Acrylonitrile	107-13-1	0.41	ug/m3	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	**0.454**	J	0.352	*1.09*	1	ND	U	0.352	*1.09*	1
Allyl Chloride (3-Chloropropene)	107-05-1	1	ug/m3	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1
Benzene	71-43-2	3.6	ug/m3	ND	U	0.205	0.639	1	0.521	J	0.205	0.639	1	0.399	J	0.205	0.639	1	0.438	J	0.205	0.639	1	1.93		0.205	0.639	1	0.38	J	0.205	0.639	1
Benzyl Chloride	100-44-7	0.57	ug/m3	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1
Bromodichloromethane	75-27-4	0.76	ug/m3	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1
Bromoethene	593-60-2	1.9	ug/m3	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1
Bromoform	75-25-2	26	ug/m3	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1
Bromomethane	74-83-9	5.2	ug/m3	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1
Carbon Disulfide	75-15-0	730	ug/m3	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1
Carbon Tetrachloride	56-23-5	4.7	ug/m3	ND	U	0.432	1.26	1	0.497	J	0.432	1.26	1	ND	U	0.432	1.26	1	0.484	J	0.432	1.26	1	ND	U	0.432	1.26	1	0.491	J	0.432	1.26	1
Chlorobenzene	108-90-7	52	ug/m3	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1
Chloroethane	75-00-3	4200	ug/m3	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1
Chloroform	67-66-3	1.2	ug/m3	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1
Chloromethane	74-87-3	94	ug/m3	1.06		0.119	0.413	1	1.12		0.119	0.413	1	1.11		0.119	0.413	1	1.04		0.119	0.413	1	1.15		0.119	0.413	1	1.25		0.119	0.413	1
Cyclohexane	110-82-7	6300	ug/m3	ND	U	0.251	0.688	1	0.372	J	0.251	0.688	1	0.337	J	0.251	0.688	1	ND	U	0.251	0.688	1	1.41		0.251	0.688	1	0.344	J	0.251	0.688	1
Dibromochloromethane	124-48-1	NS	ug/m3	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1
Dichlorodifluoromethane	75-71-8	100	ug/m3	2.42		0.374	0.989	1	2.45		0.374	0.989	1	2.11		0.374	0.989	1	2.66		0.374	0.989	1	2.59		0.374	0.989	1	2.47		0.374	0.989	1
Ethylbenzene	100-41-4	11	ug/m3	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1	0.413	J	0.25	0.869	1	ND	U	0.25	0.869	1
Isopropanol	67-63-0	210	ug/m3	1.07	J	0.669	2.46	1	0.941	J	0.669	2.46	1	1.15	J	0.669	2.46	1	ND	U	0.669	2.46	1	1.58	J	0.669	2.46	1	1.37	J	0.669	2.46	1
Isopropylbenzene (Cumene)	98-82-8	420	ug/m3	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	1.17		0.305	0.983	1	ND	U	0.305	0.983	1
M,P-Xylene	179601-23-1	NS	ug/m3	ND	U	0.543	1.74	1	0.847	J	0.543	1.74	1	ND	U	0.543	1.74	1	0.717	J	0.543	1.74	1	2.55		0.543	1.74	1	0.556	J	0.543	1.74	1
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	3100	ug/m3	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1
Methyl Methacrylate	80-62-6	730	ug/m3	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	1.17	J	0.925	2.05	1	ND	U	0.925	2.05	1	76.6		0.925	2.05	1	ND	U	0.925	2.05	1
Methylene Chloride	75-09-2	630	ug/m3	ND	U	0.434	1.74	1	0.452	J	0.434	1.74	1	0.504	J	0.434	1.74	1	ND	U	0.434	1.74	1	0.598	J	0.434	1.74	1	ND	U	0.434	1.74	1
Naphthalene	91-20-3	0.83	ug/m3	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	0.121	J	0.11	0.262	1
n-Hexane	110-54-3	730	ug/m3	0.529	J	0.262	0.705	1	1.38		0.262	0.705	1	1.36		0.262	0.705	1	1.11		0.262	0.705	1	8.18		0.262	0.705	1	1.67		0.262	0.705	1
o-Xylene (1,2-Dimethylbenzene)	95-47-6	100	ug/m3	ND	U	0.27	0.869	1	0.356	J	0.27	0.869	1	ND	U	0.27	0.869	1	0.287	J	0.27	0.869	1	0.63	J	0.27	0.869	1	ND	U	0.27	0.869	1
Styrene	100-42-5	1000	ug/m3	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	0.571	J	0.254	0.852	1	ND	U	0.254	0.852	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	110	ug/m3	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1
Tetrachloroethene (PCE)	127-18-4	42	ug/m3	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1
Tetrahydrofuran	109-99-9	2100	ug/m3	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1
Toluene	108-88-3	5200	ug/m3	0.595	J	0.327	0.754	1	1.51		0.327	0.754	1	0.987		0.327	0.754	1	1.36		0.327	0.754	1	5.43		0.327	0.754	1	1.04		0.327	0.754	1
Total Xylenes	1330-20-7	100	ug/m3	ND	U	0.27	0.869	1	1.2	J	0.27	0.869	1	ND	U	0.27	0.869	1	1	J	0.27	0.869	1	3.18	J	0.27	0.869	1	0.556	J	0.27	0.869	1
Trans-1,2-Dichloroethene	156-60-5	42	ug/m3	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1
Trichloroethene (TCE)	79-01-6	2.1	ug/m3	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	0.989	J	0.295	1.07	1	ND	U	0.295	1.07	1
Trichlorofluoromethane	75-69-4	NS	ug/m3	1.3		0.442	1.12	1	1.24		0.442	1.12	1	1.25		0.442	1.12	1	1.3		0.442	1.12	1	1.31		0.442	1.12	1	1.26		0.442	1.12	1
Vinyl Chloride	75-01-4	1.7	ug/m3	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1

See notes on last page.

Table 6
Perimeter Fenceline Air Results: May 27 - August 28, 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project #220240201

Analyte	CAS Number	EPA RSLs for Resident Air (THQ=1.0, TCR=1E-05)	Location	AA-3					AA-3					AA-3					AA-3					AA-3					AA-3				
			Sample Name	AA-3_20260702					AA-3_20260706					AA-3_20260707					AA-3_20260708					AA-3_20260709					AA-3_20260710				
			Sample Date	07/02/2026					07/06/2026					07/07/2026					07/08/2026					07/09/2026					07/10/2026				
			Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds																																	
1,1,1-Trichloroethane	71-55-6	5200	ug/m3	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1
1,1,2,2-Tetrachloroethane	79-34-5	0.48	ug/m3	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5200	ug/m3	0.521	J	0.388	1.53	1	0.544	J	0.388	1.53	1	0.636	J	0.388	1.53	1	0.567	J	0.388	1.53	1	0.537	J	0.388	1.53	1	0.56	J	0.388	1.53	1
1,1,2-Trichloroethane	79-00-5	0.21	ug/m3	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1
1,1-Dichloroethane	75-34-3	18	ug/m3	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1
1,1-Dichloroethene	75-35-4	4.1	ug/m3	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1
1,2,4-Trichlorobenzene	120-82-1	2.1	ug/m3	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1
1,2,4-Trimethylbenzene	95-63-6	63	ug/m3	0.629	J	0.284	0.983	1	ND	U	0.284	0.983	1	0.374	J	0.284	0.983	1	ND	U	0.284	0.983	1	0.388	J	0.284	0.983	1	ND	U	0.284	0.983	1
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.047	ug/m3	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1
1,2-Dichlorobenzene	95-50-1	210	ug/m3	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1
1,2-Dichloroethane	107-06-2	1.1	ug/m3	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1
1,2-Dichloropropane	78-87-5	4.2	ug/m3	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	63	ug/m3	0.413	J	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1
1,3-Butadiene	106-99-0	0.94	ug/m3	ND	U	0.137	0.442	1	0.646		0.137	0.442	1	ND	U	0.137	0.442	1	0.232	J	0.137	0.442	1	ND	U	0.137	0.442	1	0.206	J	0.137	0.442	1
1,3-Dichloropropane	142-28-9	NS	ug/m3	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1
1,4-Dichlorobenzene	106-46-7	2.6	ug/m3	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1
1,4-Dioxane (P-Dioxane)	123-91-1	5.6	ug/m3	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1
Acetone	67-64-1	NS	ug/m3	28.5		1.22	2.38	1	7.03		1.22	2.38	1	3.87		1.22	2.38	1	9.31		1.22	2.38	1	ND	U	1.22	2.38	1	10.7		1.22	2.38	1
Acrolein	107-02-8	0.021	ug/m3	**2.15**		*0.089*	*0.115*	1	**0.238**		*0.089*	*0.115*	1	**0.149**		*0.089*	*0.115*	1	**0.216**		*0.089*	*0.115*	1	**0.229**		*0.089*	*0.115*	1	**0.257**		*0.089*	*0.115*	1
Acrylonitrile	107-13-1	0.41	ug/m3	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1
Allyl Chloride (3-Chloropropene)	107-05-1	1	ug/m3	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1
Benzene	71-43-2	3.6	ug/m3	1.34		0.205	0.639	1	0.345	J	0.205	0.639	1	0.511	J	0.205	0.639	1	0.387	J	0.205	0.639	1	1.51		0.205	0.639	1	0.272	J	0.205	0.639	1
Benzyl Chloride	100-44-7	0.57	ug/m3	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1
Bromodichloromethane	75-27-4	0.76	ug/m3	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	0.067	J	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1
Bromoethene	593-60-2	1.9	ug/m3	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1
Bromoform	75-25-2	26	ug/m3	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1
Bromomethane	74-83-9	5.2	ug/m3	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1
Carbon Disulfide	75-15-0	730	ug/m3	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	0.299	J	0.145	0.623	1
Carbon Tetrachloride	56-23-5	4.7	ug/m3	0.528	J	0.432	1.26	1	ND	U	0.432	1.26	1	0.56	J	0.432	1.26	1	0.434	J	0.432	1.26	1	0.522	J	0.432	1.26	1	0.566	J	0.432	1.26	1
Chlorobenzene	108-90-7	52	ug/m3	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1
Chloroethane	75-00-3	4200	ug/m3	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1
Chloroform	67-66-3	1.2	ug/m3	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1
Chloromethane	74-87-3	94	ug/m3	1.02		0.119	0.413	1	0.999		0.119	0.413	1	1.38		0.119	0.413	1	1.35		0.119	0.413	1	0.9		0.119	0.413	1	1.11		0.119	0.413	1
Cyclohexane	110-82-7	6300	ug/m3	1.34		0.251	0.688	1	ND	U	0.251	0.688	1	0.355	J	0.251	0.688	1	0.251	J	0.251	0.688	1	1.37		0.251	0.688	1	ND	U	0.251	0.688	1
Dibromochloromethane	124-48-1	NS	ug/m3	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1
Dichlorodifluoromethane	75-71-8	100	ug/m3	2.31		0.374	0.989	1	2.29		0.374	0.989	1	2.69		0.374	0.989	1	2.57		0.374	0.989	1	2.05		0.374	0.989	1	2.92		0.374	0.989	1
Ethylbenzene	100-41-4	11	ug/m3	0.343	J	0.25	0.869	1	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1	0.33	J	0.25	0.869	1	ND	U	0.25	0.869	1
Isopropanol	67-63-0	210	ug/m3	1.62	J	0.669	2.46	1	4.65		0.669	2.46	1	3.29		0.669	2.46	1	2.3	J	0.669	2.46	1	1.6	J	0.669	2.46	1	1.93	J	0.669	2.46	1
Isopropylbenzene (Cumene)	98-82-8	420	ug/m3	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	0.428	J	0.305	0.983	1	ND	U	0.305	0.983	1
M,P-Xylene	179601-23-1	NS	ug/m3	3.34		0.543	1.74	1	0.608	J	0.543	1.74	1	1.62	J	0.543	1.74	1	ND	U	0.543	1.74	1	1.82		0.543	1.74	1	ND	U	0.543	1.74	1
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	3100	ug/m3	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1
Methyl Methacrylate	80-62-6	730	ug/m3	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	35.6		0.925	2.05	1	ND	U	0.925	2.05	1
Methylene Chloride	75-09-2	630	ug/m3	ND	U	0.434	1.74	1	ND	U	0.434	1.74	1	0.476	J	0.434	1.74	1	0.455	J	0.434	1.74	1	0.452	J	0.434	1.74	1	ND	U	0.434	1.74	1
Naphthalene	91-20-3	0.83	ug/m3	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1
n-Hexane	110-54-3	730	ug/m3	7.89		0.262	0.705	1	1.48		0.262	0.705	1	1.94		0.262	0.705	1	1.13		0.262	0.705	1	6.17		0.262	0.705	1	0.722		0.262	0.705	1
o-Xylene (1,2-Dimethylbenzene)	95-47-6	100	ug/m3	0.673	J	0.27	0.869	1	ND	U	0.27	0.869	1	0.391	J	0.27	0.869	1	ND	U	0.27	0.869	1	0.469	J	0.27	0.869	1	ND	U	0.27	0.869	1
Styrene	100-42-5	1000	ug/m3	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	110	ug/m3	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1
Tetrachloroethene (PCE)	127-18-4	42	ug/m3	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1
Tetrahydrofuran	109-99-9	2100	ug/m3	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1
Toluene	108-88-3	5200	ug/m3	3.88		0.327	0.754	1	1.04		0.327	0.754	1	1.88		0.327	0.754	1	0.863		0.327	0.754	1	4.03		0.327	0.754	1	0.513	J	0.327	0.754	1
Total Xylenes	1330-20-7	100	ug/m3	4.02	J	0.27	0.869	1	0.608	J	0.27	0.869	1	2.01	J	0.27	0.869	1	ND	U	0.27	0.869	1	2.29	J	0.27	0.869	1	ND	U	0.27	0.869	1
Trans-1,2-Dichloroethene	156-60-5	42	ug/m3	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1
Trichloroethene (TCE)	79-01-6	2.1	ug/m3	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	0.683	J	0.295	1.07	1	ND	U	0.295	1.07	1
Trichlorofluoromethane	75-69-4	NS	ug/m3	1.22		0.442	1.12	1	1.2		0.442	1.12	1	1.42		0.442	1.12	1	1.38		0.442	1.12	1	1.14		0.442	1.12	1	1.31		0.442	1.12	1
Vinyl Chloride	75-01-4	1.7	ug/m3	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1

See notes on last page.

Table 6
Perimeter Fenceline Air Results: May 27 - August 28, 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project #220240201

Analyte	CAS Number	EPA RSLs for Resident Air (THQ=1.0, TCR=1E-05)	Location	AA-3					AA-3					AA-3					AA-3					AA-3					AA-3				
			Sample Name	AA-3_20260713					AA-3_20260714					AA-3_20260715					AA-3_20260716					AA-3_20260717					AA-3_20260720				
			Sample Date	07/13/2026					07/14/2026					07/15/2026					07/16/2026					07/17/2026					07/20/2026				
			Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds																																
1,1,1-Trichloroethane	71-55-6	5200	ug/m3	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1
1,1,2,2-Tetrachloroethane	79-34-5	0.48	ug/m3	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5200	ug/m3	0.56	J	0.388	1.53	1	0.514	J	0.388	1.53	1	0.575	J	0.388	1.53	1	0.521	J	0.388	1.53	1	0.682	J	0.388	1.53	1	0.537	J	0.388	1.53	1
1,1,2-Trichloroethane	79-00-5	0.21	ug/m3	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1
1,1-Dichloroethane	75-34-3	18	ug/m3	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1
1,1-Dichloroethene	75-35-4	4.1	ug/m3	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1
1,2,4-Trichlorobenzene	120-82-1	2.1	ug/m3	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1
1,2,4-Trimethylbenzene	95-63-6	63	ug/m3	0.526	J	0.284	0.983	1	ND	U	0.284	0.983	1	ND	U	0.284	0.983	1	ND	U	0.284	0.983	1	ND	U	0.284	0.983	1	ND	U	0.284	0.983	1
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.047	ug/m3	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1
1,2-Dichlorobenzene	95-50-1	210	ug/m3	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1
1,2-Dichloroethane	107-06-2	1.1	ug/m3	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1
1,2-Dichloropropane	78-87-5	4.2	ug/m3	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	63	ug/m3	0.32	J	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1
1,3-Butadiene	106-99-0	0.94	ug/m3	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1
1,3-Dichloropropane	142-28-9	NS	ug/m3	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1
1,4-Dichlorobenzene	106-46-7	2.6	ug/m3	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1
1,4-Dioxane (P-Dioxane)	123-91-1	5.6	ug/m3	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1
Acetone	67-64-1	NS	ug/m3	8.69		1.22	2.38	1	9.79		1.22	2.38	1	11.4		1.22	2.38	1	12.2		1.22	2.38	1	15		1.22	2.38	1	3.56		1.22	2.38	1
Acrolein	107-02-8	0.021	ug/m3	**0.202**		*0.089*	*0.115*	1	**0.314**		*0.089*	*0.115*	1	**0.282**		*0.089*	*0.115*	1	**0.502**		*0.089*	*0.115*	1	**0.571**		*0.089*	*0.115*	1	**0.122**		*0.089*	*0.115*	1
Acrylonitrile	107-13-1	0.41	ug/m3	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1
Allyl Chloride (3-Chloropropene)	107-05-1	1	ug/m3	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1
Benzene	71-43-2	3.6	ug/m3	0.853		0.205	0.639	1	0.46	J	0.205	0.639	1	0.387	J	0.205	0.639	1	2.11		0.205	0.639	1	2.59		0.205	0.639	1	0.834		0.205	0.639	1
Benzyl Chloride	100-44-7	0.57	ug/m3	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1
Bromodichloromethane	75-27-4	0.76	ug/m3	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1
Bromoethene	593-60-2	1.9	ug/m3	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1
Bromoform	75-25-2	26	ug/m3	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1
Bromomethane	74-83-9	5.2	ug/m3	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1
Carbon Disulfide	75-15-0	730	ug/m3	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1
Carbon Tetrachloride	56-23-5	4.7	ug/m3	ND	U	0.432	1.26	1	ND	U	0.432	1.26	1	0.491	J	0.432	1.26	1	0.51	J	0.432	1.26	1	0.459	J	0.432	1.26	1	0.447	J	0.432	1.26	1
Chlorobenzene	108-90-7	52	ug/m3	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1
Chloroethane	75-00-3	4200	ug/m3	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1
Chloroform	67-66-3	1.2	ug/m3	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1
Chloromethane	74-87-3	94	ug/m3	1.12		0.119	0.413	1	1.04		0.119	0.413	1	1.18		0.119	0.413	1	1.41		0.119	0.413	1	1.55		0.119	0.413	1	1.2		0.119	0.413	1
Cyclohexane	110-82-7	6300	ug/m3	0.737		0.251	0.688	1	0.382	J	0.251	0.688	1	ND	U	0.251	0.688	1	ND	U	0.251	0.688	1	ND	U	0.251	0.688	1	0.41	J	0.251	0.688	1
Dibromochloromethane	124-48-1	NS	ug/m3	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1
Dichlorodifluoromethane	75-71-8	100	ug/m3	2.22		0.374	0.989	1	2.29		0.374	0.989	1	2.5		0.374	0.989	1	2.5		0.374	0.989	1	2.63		0.374	0.989	1	2.32		0.374	0.989	1
Ethylbenzene	100-41-4	11	ug/m3	0.356	J	0.25	0.869	1	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1	0.256	J	0.25	0.869	1	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1
Isopropanol	67-63-0	210	ug/m3	2.75		0.669	2.46	1	1.25	J	0.669	2.46	1	1.65	J	0.669	2.46	1	2.43	J	0.669	2.46	1	2.08	J	0.669	2.46	1	3.39		0.669	2.46	1
Isopropylbenzene (Cumene)	98-82-8	420	ug/m3	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1
M,P-Xylene	179601-23-1	NS	ug/m3	2.49		0.543	1.74	1	0.712	J	0.543	1.74	1	ND	U	0.543	1.74	1	0.743	J	0.543	1.74	1	ND	U	0.543	1.74	1	0.769	J	0.543	1.74	1
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	3100	ug/m3	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1
Methyl Methacrylate	80-62-6	730	ug/m3	ND	U	0.925	2.05	1	3.14		0.925	2.05	1	1.14	J	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1
Methylene Chloride	75-09-2	630	ug/m3	ND	U	0.434	1.74	1	0.466	J	0.434	1.74	1	0.434	J	0.434	1.74	1	0.469	J	0.434	1.74	1	ND	U	0.434	1.74	1	ND	U	0.434	1.74	1
Naphthalene	91-20-3	0.83	ug/m3	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1
n-Hexane	110-54-3	730	ug/m3	4.19		0.262	0.705	1	1.41		0.262	0.705	1	0.782		0.262	0.705	1	1.48		0.262	0.705	1	0.684	J	0.262	0.705	1	1.71		0.262	0.705	1
o-Xylene (1,2-Dimethylbenzene)	95-47-6	100	ug/m3	0.604	J	0.27	0.869	1	0.3	J	0.27	0.869	1	ND	U	0.27	0.869	1	0.295	J	0.27	0.869	1	ND	U	0.27	0.869	1	0.287	J	0.27	0.869	1
Styrene	100-42-5	1000	ug/m3	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	110	ug/m3	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1
Tetrachloroethene (PCE)	127-18-4	42	ug/m3	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1
Tetrahydrofuran	109-99-9	2100	ug/m3	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1
Toluene	108-88-3	5200	ug/m3	3.26		0.327	0.754	1	2.86		0.327	0.754	1	0.848		0.327	0.754	1	1.75		0.327	0.754	1	1.59		0.327	0.754	1	1.54		0.327	0.754	1
Total Xylenes	1330-20-7	100	ug/m3	3.1	J	0.27	0.869	1	1.01	J	0.27	0.869	1	ND	U	0.27	0.869	1	1.04	J	0.27	0.869	1	ND	U	0.27	0.869	1	1.06	J	0.27	0.869	1
Trans-1,2-Dichloroethene	156-60-5	42	ug/m3	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1
Trichloroethene (TCE)	79-01-6	2.1	ug/m3	ND	U	0.295	1.07	1	0.672	J	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1
Trichlorofluoromethane	75-69-4	NS	ug/m3	1.24		0.442	1.12	1	1.21		0.442	1.12	1	1.26		0.442	1.12	1	1.22		0.442	1.12	1	1.46		0.442	1.12	1	1.15		0.442	1.12	1
Vinyl Chloride	75-01-4	1.7	ug/m3	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1

See notes on last page.

Table 6
Perimeter Fenceline Air Results: May 27 - August 28, 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project #220240201

Analyte	CAS Number	EPA RSLs for Resident Air (THQ=1.0, TCR=1E-05)	Location	AA-3					AA-3					AA-3					AA-3					AA-3					AA-3				
			Sample Name	AA-3_20260721					AA-3_20260722					AA-3_20260723					AA-3_20260724					AA-3_20260727					AA-3_20260728				
			Sample Date	07/21/2026					07/22/2026					07/23/2026					07/24/2026					07/27/2026					07/28/2026				
			Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds																																	
1,1,1-Trichloroethane	71-55-6	5200	ug/m3	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1
1,1,2,2-Tetrachloroethane	79-34-5	0.48	ug/m3	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5200	ug/m3	0.514	J	0.388	1.53	1	0.651	J	0.388	1.53	1	0.521	J	0.388	1.53	1	0.514	J	0.388	1.53	1	0.636	J	0.388	1.53	1	0.736	J	0.388	1.53	1
1,1,2-Trichloroethane	79-00-5	0.21	ug/m3	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1
1,1-Dichloroethane	75-34-3	18	ug/m3	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1
1,1-Dichloroethene	75-35-4	4.1	ug/m3	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1
1,2,4-Trichlorobenzene	120-82-1	2.1	ug/m3	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1
1,2,4-Trimethylbenzene	95-63-6	63	ug/m3	0.487	J	0.284	0.983	1	ND	U	0.284	0.983	1	0.354	J	0.284	0.983	1	0.511	J	0.284	0.983	1	ND	U	0.284	0.983	1	0.359	J	0.284	0.983	1
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.047	ug/m3	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1
1,2-Dichlorobenzene	95-50-1	210	ug/m3	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1
1,2-Dichloroethane	107-06-2	1.1	ug/m3	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1
1,2-Dichloropropane	78-87-5	4.2	ug/m3	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	63	ug/m3	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1
1,3-Butadiene	106-99-0	0.94	ug/m3	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	0.21	J	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1
1,3-Dichloropropane	142-28-9	NS	ug/m3	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1
1,4-Dichlorobenzene	106-46-7	2.6	ug/m3	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1
1,4-Dioxane (P-Dioxane)	123-91-1	5.6	ug/m3	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1
Acetone	67-64-1	NS	ug/m3	5.3		1.22	2.38	1	11.8		1.22	2.38	1	3.21		1.22	2.38	1	9.24		1.22	2.38	1	ND	U	1.22	2.38	1	ND	U	1.22	2.38	1
Acrolein	107-02-8	0.021	ug/m3	**0.126**		*0.089*	*0.115*	1	**0.39**		*0.089*	*0.115*	1	**0.387**		*0.089*	*0.115*	1	**0.871**		*0.089*	*0.115*	1	**0.213**		*0.089*	*0.115*	1	**0.167**		*0.089*	*0.115*	1
Acrylonitrile	107-13-1	0.41	ug/m3	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1
Allyl Chloride (3-Chloropropene)	107-05-1	1	ug/m3	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1
Benzene	71-43-2	3.6	ug/m3	2.29		0.205	0.639	1	0.332	J	0.205	0.639	1	0.687		0.205	0.639	1	0.62	J	0.205	0.639	1	0.712		0.205	0.639	1	1.16		0.205	0.639	1
Benzyl Chloride	100-44-7	0.57	ug/m3	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1
Bromodichloromethane	75-27-4	0.76	ug/m3	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1
Bromoethene	593-60-2	1.9	ug/m3	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1
Bromoform	75-25-2	26	ug/m3	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1
Bromomethane	74-83-9	5.2	ug/m3	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1
Carbon Disulfide	75-15-0	730	ug/m3	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1
Carbon Tetrachloride	56-23-5	4.7	ug/m3	0.478	J	0.432	1.26	1	0.528	J	0.432	1.26	1	ND	U	0.432	1.26	1	ND	U	0.432	1.26	1	0.522	J	0.432	1.26	1	0.566	J	0.432	1.26	1
Chlorobenzene	108-90-7	52	ug/m3	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1
Chloroethane	75-00-3	4200	ug/m3	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1
Chloroform	67-66-3	1.2	ug/m3	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1
Chloromethane	74-87-3	94	ug/m3	1.19		0.119	0.413	1	1.27		0.119	0.413	1	1.01		0.119	0.413	1	1.07		0.119	0.413	1	1.42		0.119	0.413	1	1.47		0.119	0.413	1
Cyclohexane	110-82-7	6300	ug/m3	2.53		0.251	0.688	1	ND	U	0.251	0.688	1	0.623	J	0.251	0.688	1	0.571	J	0.251	0.688	1	0.568	J	0.251	0.688	1	1.4		0.251	0.688	1
Dibromochloromethane	124-48-1	NS	ug/m3	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1
Dichlorodifluoromethane	75-71-8	100	ug/m3	2.35		0.374	0.989	1	2.61		0.374	0.989	1	2.24		0.374	0.989	1	2.2		0.374	0.989	1	2.7		0.374	0.989	1	2.66		0.374	0.989	1
Ethylbenzene	100-41-4	11	ug/m3	0.421	J	0.25	0.869	1	ND	U	0.25	0.869	1	0.252	J	0.25	0.869	1	0.369	J	0.25	0.869	1	ND	U	0.25	0.869	1	0.339	J	0.25	0.869	1
Isopropanol	67-63-0	210	ug/m3	4.42		0.669	2.46	1	1.01	J	0.669	2.46	1	0.988	J	0.669	2.46	1	1.5	J	0.669	2.46	1	5.78		0.669	2.46	1	2.93		0.669	2.46	1
Isopropylbenzene (Cumene)	98-82-8	420	ug/m3	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1
M,P-Xylene	179601-23-1	NS	ug/m3	2.42		0.543	1.74	1	0.725	J	0.543	1.74	1	1.46	J	0.543	1.74	1	1.46	J	0.543	1.74	1	0.93	J	0.543	1.74	1	1.41	J	0.543	1.74	1
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	3100	ug/m3	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1
Methyl Methacrylate	80-62-6	730	ug/m3	ND	U	0.925	2.05	1	2.02	J	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	1.43	J	0.925	2.05	1
Methylene Chloride	75-09-2	630	ug/m3	ND	U	0.434	1.74	1	0.479	J	0.434	1.74	1	ND	U	0.434	1.74	1	ND	U	0.434	1.74	1	0.445	J	0.434	1.74	1	0.455	J	0.434	1.74	1
Naphthalene	91-20-3	0.83	ug/m3	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1
n-Hexane	110-54-3	730	ug/m3	7.05		0.262	0.705	1	0.49	J	0.262	0.705	1	2.96		0.262	0.705	1	1.89		0.262	0.705	1	1.83		0.262	0.705	1	4.09		0.262	0.705	1
o-Xylene (1,2-Dimethylbenzene)	95-47-6	100	ug/m3	0.704	J	0.27	0.869	1	0.287	J	0.27	0.869	1	0.413	J	0.27	0.869	1	0.578	J	0.27	0.869	1	0.339	J	0.27	0.869	1	0.504	J	0.27	0.869	1
Styrene	100-42-5	1000	ug/m3	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	110	ug/m3	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1
Tetrachloroethene (PCE)	127-18-4	42	ug/m3	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1
Tetrahydrofuran	109-99-9	2100	ug/m3	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1
Toluene	108-88-3	5200	ug/m3	4.41		0.327	0.754	1	1.86		0.327	0.754	1	2.59		0.327	0.754	1	2.3		0.327	0.754	1	2.24		0.327	0.754	1	3.4		0.327	0.754	1
Total Xylenes	1330-20-7	100	ug/m3	3.12	J	0.27	0.869	1	1.01	J	0.27	0.869	1	1.88	J	0.27	0.869	1	2.03	J	0.27	0.869	1	1.27	J	0.27	0.869	1	1.91	J	0.27	0.869	1
Trans-1,2-Dichloroethene	156-60-5	42	ug/m3	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1
Trichloroethene (TCE)	79-01-6	2.1	ug/m3	ND	U	0.295	1.07	1	0.613	J	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	0.468	J	0.295	1.07	1
Trichlorofluoromethane	75-69-4	NS	ug/m3	1.16		0.442	1.12	1	1.37		0.442	1.12	1	1.12	J	0.442	1.12	1	1.13		0.442	1.12	1	1.43		0.442	1.12	1	1.47		0.442	1.12	1
Vinyl Chloride	75-01-4	1.7	ug/m3	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1

See notes on last page.

Table 6
Perimeter Fenceline Air Results: May 27 - August 28, 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project #220240201

Analyte	CAS Number	EPA RSLs for Resident Air (THQ=1.0, TCR=1E-05)	Location	AA-3					AA-3					AA-3					AA-3					AA-3					AA-3				
			Sample Name	AA-3_20260729					AA-3_20260730					AA-3_20260731					AA-3_20260803					AA-3_20260804					AA-3_20260805				
			Sample Date	07/29/2026					07/30/2026					07/31/2026					08/03/2026					08/04/2026					08/05/2026				
			Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds																																	
1,1,1-Trichloroethane	71-55-6	5200	ug/m3	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1
1,1,2,2-Tetrachloroethane	79-34-5	0.48	ug/m3	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5200	ug/m3	0.858	J	0.388	1.53	1	0.628	J	0.388	1.53	1	0.628	J	0.388	1.53	1	0.644	J	0.388	1.53	1	0.583	J	0.388	1.53	1	0.445	J	0.388	1.53	1
1,1,2-Trichloroethane	79-00-5	0.21	ug/m3	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1
1,1-Dichloroethane	75-34-3	18	ug/m3	0.899		0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1
1,1-Dichloroethene	75-35-4	4.1	ug/m3	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1
1,2,4-Trichlorobenzene	120-82-1	2.1	ug/m3	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1
1,2,4-Trimethylbenzene	95-63-6	63	ug/m3	ND	U	0.284	0.983	1	ND	U	0.284	0.983	1	ND	U	0.284	0.983	1	ND	U	0.284	0.983	1	0.354	J	0.284	0.983	1	0.718	J	0.284	0.983	1
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.047	ug/m3	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1
1,2-Dichlorobenzene	95-50-1	210	ug/m3	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1
1,2-Dichloroethane	107-06-2	1.1	ug/m3	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1
1,2-Dichloropropane	78-87-5	4.2	ug/m3	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	63	ug/m3	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1
1,3-Butadiene	106-99-0	0.94	ug/m3	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1
1,3-Dichloropropane	142-28-9	NS	ug/m3	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1
1,4-Dichlorobenzene	106-46-7	2.6	ug/m3	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1
1,4-Dioxane (P-Dioxane)	123-91-1	5.6	ug/m3	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1
Acetone	67-64-1	NS	ug/m3	10.8		1.22	2.38	1	8.91		1.22	2.38	1	14.7		1.22	2.38	1	10.7		1.22	2.38	1	ND	U	1.22	2.38	1	8.48		1.22	2.38	1
Acrolein	107-02-8	0.021	ug/m3	**0.397**		*0.089*	*0.115*	1	**0.177**		*0.089*	*0.115*	1	**0.741**		*0.089*	*0.115*	1	**0.19**		*0.089*	*0.115*	1	**0.17**		*0.089*	*0.115*	1	**0.479**		*0.089*	*0.115*	1
Acrylonitrile	107-13-1	0.41	ug/m3	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1
Allyl Chloride (3-Chloropropene)	107-05-1	1	ug/m3	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1
Benzene	71-43-2	3.6	ug/m3	0.412	J	0.205	0.639	1	0.233	J	0.205	0.639	1	0.313	J	0.205	0.639	1	0.291	J	0.205	0.639	1	0.728		0.205	0.639	1	1.43		0.205	0.639	1
Benzyl Chloride	100-44-7	0.57	ug/m3	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1
Bromodichloromethane	75-27-4	0.76	ug/m3	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1
Bromoethene	593-60-2	1.9	ug/m3	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1
Bromoform	75-25-2	26	ug/m3	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1
Bromomethane	74-83-9	5.2	ug/m3	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1
Carbon Disulfide	75-15-0	730	ug/m3	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	0.206	J	0.145	0.623	1	ND	U	0.145	0.623	1
Carbon Tetrachloride	56-23-5	4.7	ug/m3	0.491	J	0.432	1.26	1	0.51	J	0.432	1.26	1	0.516	J	0.432	1.26	1	0.591	J	0.432	1.26	1	0.566	J	0.432	1.26	1	0.453	J	0.432	1.26	1
Chlorobenzene	108-90-7	52	ug/m3	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1
Chloroethane	75-00-3	4200	ug/m3	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1
Chloroform	67-66-3	1.2	ug/m3	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1
Chloromethane	74-87-3	94	ug/m3	1.45		0.119	0.413	1	1.35		0.119	0.413	1	1.42		0.119	0.413	1	1.57		0.119	0.413	1	1.35		0.119	0.413	1	1.21		0.119	0.413	1
Cyclohexane	110-82-7	6300	ug/m3	ND	U	0.251	0.688	1	ND	U	0.251	0.688	1	ND	U	0.251	0.688	1	ND	U	0.251	0.688	1	0.513	J	0.251	0.688	1	1.48		0.251	0.688	1
Dibromochloromethane	124-48-1	NS	ug/m3	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1
Dichlorodifluoromethane	75-71-8	100	ug/m3	2.53		0.374	0.989	1	2.82		0.374	0.989	1	2.76		0.374	0.989	1	2.71		0.374	0.989	1	2.73		0.374	0.989	1	2.39		0.374	0.989	1
Ethylbenzene	100-41-4	11	ug/m3	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1	0.308	J	0.25	0.869	1	0.665	J	0.25	0.869	1
Isopropanol	67-63-0	210	ug/m3	3.59		0.669	2.46	1	1.81	J	0.669	2.46	1	1.2	J	0.669	2.46	1	2.38	J	0.669	2.46	1	3.32		0.669	2.46	1	3.15		0.669	2.46	1
Isopropylbenzene (Cumene)	98-82-8	420	ug/m3	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1
M,P-Xylene	179601-23-1	NS	ug/m3	ND	U	0.543	1.74	1	ND	U	0.543	1.74	1	ND	U	0.543	1.74	1	ND	U	0.543	1.74	1	1.09	J	0.543	1.74	1	2.58		0.543	1.74	1
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	3100	ug/m3	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1
Methyl Methacrylate	80-62-6	730	ug/m3	ND	U	0.925	2.05	1	1.33	J	0.925	2.05	1	1.16	J	0.925	2.05	1	3.13		0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1
Methylene Chloride	75-09-2	630	ug/m3	0.445	J	0.434	1.74	1	0.486	J	0.434	1.74	1	0.438	J	0.434	1.74	1	0.472	J	0.434	1.74	1	0.466	J	0.434	1.74	1	ND	U	0.434	1.74	1
Naphthalene	91-20-3	0.83	ug/m3	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1
n-Hexane	110-54-3	730	ug/m3	0.61	J	0.262	0.705	1	0.307	J	0.262	0.705	1	0.476	J	0.262	0.705	1	0.705		0.262	0.705	1	1.73		0.262	0.705	1	5.39		0.262	0.705	1
o-Xylene (1,2-Dimethylbenzene)	95-47-6	100	ug/m3	ND	U	0.27	0.869	1	ND	U	0.27	0.869	1	ND	U	0.27	0.869	1	ND	U	0.27	0.869	1	0.413	J	0.27	0.869	1	0.99		0.27	0.869	1
Styrene	100-42-5	1000	ug/m3	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	110	ug/m3	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1
Tetrachloroethene (PCE)	127-18-4	42	ug/m3	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1
Tetrahydrofuran	109-99-9	2100	ug/m3	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1
Toluene	108-88-3	5200	ug/m3	0.942		0.327	0.754	1	0.965		0.327	0.754	1	0.52	J	0.327	0.754	1	1.85		0.327	0.754	1	2.05		0.327	0.754	1	5.43		0.327	0.754	1
Total Xylenes	1330-20-7	100	ug/m3	ND	U	0.27	0.869	1	ND	U	0.27	0.869	1	ND	U	0.27	0.869	1	ND	U	0.27	0.869	1	1.51	J	0.27	0.869	1	3.57		0.27	0.869	1
Trans-1,2-Dichloroethene	156-60-5	42	ug/m3	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1
Trichloroethene (TCE)	79-01-6	2.1	ug/m3	ND	U	0.295	1.07	1	0.457	J	0.295	1.07	1	ND	U	0.295	1.07	1	1.29		0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1
Trichlorofluoromethane	75-69-4	NS	ug/m3	1.36		0.442	1.12	1	1.47		0.442	1.12	1	1.43		0.442	1.12	1	1.47		0.442	1.12	1	1.42		0.442	1.12	1	1.14		0.442	1.12	1
Vinyl Chloride	75-01-4	1.7	ug/m3	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1

See notes on last page.

Table 6
Perimeter Fenceline Air Results: May 27 - August 28, 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project #220240201

Analyte	CAS Number	EPA RSLs for Resident Air (THQ=1.0, TCR=1E-05)	Location	AA-3					AA-3					AA-3					AA-3					AA-3					AA-3				
			Sample Name	AA-3_20260806					AA-3_20260807					AA-3_20260810					AA-3_20260811					AA-3_20260812					AA-3_20260813				
			Sample Date	08/06/2026					08/07/2026					08/10/2026					08/11/2026					08/12/2026					08/13/2026				
			Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds																																
1,1,1-Trichloroethane	71-55-6	5200	ug/m3	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1
1,1,2,2-Tetrachloroethane	79-34-5	0.48	ug/m3	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5200	ug/m3	0.429	J	0.388	1.53	1	0.437	J	0.388	1.53	1	0.468	J	0.388	1.53	1	0.46	J	0.388	1.53	1	0.567	J	0.388	1.53	1	0.621	J	0.388	1.53	1
1,1,2-Trichloroethane	79-00-5	0.21	ug/m3	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1
1,1-Dichloroethane	75-34-3	18	ug/m3	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1
1,1-Dichloroethene	75-35-4	4.1	ug/m3	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1
1,2,4-Trichlorobenzene	120-82-1	2.1	ug/m3	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1
1,2,4-Trimethylbenzene	95-63-6	63	ug/m3	ND	U	0.284	0.983	1	ND	U	0.284	0.983	1	ND	U	0.284	0.983	1	ND	U	0.284	0.983	1	ND	U	0.284	0.983	1	ND	U	0.284	0.983	1
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.047	ug/m3	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1
1,2-Dichlorobenzene	95-50-1	210	ug/m3	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1
1,2-Dichloroethane	107-06-2	1.1	ug/m3	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1
1,2-Dichloropropane	78-87-5	4.2	ug/m3	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	63	ug/m3	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1
1,3-Butadiene	106-99-0	0.94	ug/m3	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	0.272	J	0.137	0.442	1	ND	U	0.137	0.442	1	0.27	J	0.137	0.442	1
1,3-Dichloropropane	142-28-9	NS	ug/m3	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1
1,4-Dichlorobenzene	106-46-7	2.6	ug/m3	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1
1,4-Dioxane (P-Dioxane)	123-91-1	5.6	ug/m3	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1
Acetone	67-64-1	NS	ug/m3	6.2		1.22	2.38	1	6.82		1.22	2.38	1	6.44		1.22	2.38	1	12.2		1.22	2.38	1	8.34		1.22	2.38	1	11.4		1.22	2.38	1
Acrolein	107-02-8	0.021	ug/m3	**0.089**	J	*0.089*	*0.115*	1	**0.248**		*0.089*	*0.115*	1	**0.149**		*0.089*	*0.115*	1	**0.995**		*0.089*	*0.115*	1	**0.264**		*0.089*	*0.115*	1	**0.374**		*0.089*	*0.115*	1
Acrylonitrile	107-13-1	0.41	ug/m3	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1
Allyl Chloride (3-Chloropropene)	107-05-1	1	ug/m3	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1
Benzene	71-43-2	3.6	ug/m3	0.489	J	0.205	0.639	1	0.406	J	0.205	0.639	1	0.396	J	0.205	0.639	1	0.425	J	0.205	0.639	1	0.431	J	0.205	0.639	1	0.38	J	0.205	0.639	1
Benzyl Chloride	100-44-7	0.57	ug/m3	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1
Bromodichloromethane	75-27-4	0.76	ug/m3	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1
Bromoethene	593-60-2	1.9	ug/m3	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1
Bromoform	75-25-2	26	ug/m3	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1
Bromomethane	74-83-9	5.2	ug/m3	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1
Carbon Disulfide	75-15-0	730	ug/m3	0.23	J	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1
Carbon Tetrachloride	56-23-5	4.7	ug/m3	0.491	J	0.432	1.26	1	0.503	J	0.432	1.26	1	0.484	J	0.432	1.26	1	0.478	J	0.432	1.26	1	0.56	J	0.432	1.26	1	0.497	J	0.432	1.26	1
Chlorobenzene	108-90-7	52	ug/m3	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1
Chloroethane	75-00-3	4200	ug/m3	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1
Chloroform	67-66-3	1.2	ug/m3	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1
Chloromethane	74-87-3	94	ug/m3	1.13		0.119	0.413	1	1.44		0.119	0.413	1	1.27		0.119	0.413	1	1.36		0.119	0.413	1	1.04		0.119	0.413	1	1.44		0.119	0.413	1
Cyclohexane	110-82-7	6300	ug/m3	0.427	J	0.251	0.688	1	0.303	J	0.251	0.688	1	ND	U	0.251	0.688	1	ND	U	0.251	0.688	1	ND	U	0.251	0.688	1	ND	U	0.251	0.688	1
Dibromochloromethane	124-48-1	NS	ug/m3	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1
Dichlorodifluoromethane	75-71-8	100	ug/m3	2.32		0.374	0.989	1	2.4		0.374	0.989	1	2.36		0.374	0.989	1	2.46		0.374	0.989	1	2.8		0.374	0.989	1	2.84		0.374	0.989	1
Ethylbenzene	100-41-4	11	ug/m3	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1
Isopropanol	67-63-0	210	ug/m3	1.09	J	0.669	2.46	1	2.73		0.669	2.46	1	3.49		0.669	2.46	1	2.23	J	0.669	2.46	1	1.85	J	0.669	2.46	1	1.87	J	0.669	2.46	1
Isopropylbenzene (Cumene)	98-82-8	420	ug/m3	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1
M,P-Xylene	179601-23-1	NS	ug/m3	ND	U	0.543	1.74	1	ND	U	0.543	1.74	1	ND	U	0.543	1.74	1	ND	U	0.543	1.74	1	ND	U	0.543	1.74	1	ND	U	0.543	1.74	1
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	3100	ug/m3	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1
Methyl Methacrylate	80-62-6	730	ug/m3	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	1.14	J	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1
Methylene Chloride	75-09-2	630	ug/m3	ND	U	0.434	1.74	1	ND	U	0.434	1.74	1	ND	U	0.434	1.74	1	ND	U	0.434	1.74	1	ND	U	0.434	1.74	1	0.462	J	0.434	1.74	1
Naphthalene	91-20-3	0.83	ug/m3	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1
n-Hexane	110-54-3	730	ug/m3	1.72		0.262	0.705	1	1.39		0.262	0.705	1	0.765		0.262	0.705	1	0.451	J	0.262	0.705	1	0.444	J	0.262	0.705	1	0.349	J	0.262	0.705	1
o-Xylene (1,2-Dimethylbenzene)	95-47-6	100	ug/m3	ND	U	0.27	0.869	1	ND	U	0.27	0.869	1	ND	U	0.27	0.869	1	ND	U	0.27	0.869	1	ND	U	0.27	0.869	1	ND	U	0.27	0.869	1
Styrene	100-42-5	1000	ug/m3	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	110	ug/m3	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1
Tetrachloroethene (PCE)	127-18-4	42	ug/m3	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1
Tetrahydrofuran	109-99-9	2100	ug/m3	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1
Toluene	108-88-3	5200	ug/m3	0.938		0.327	0.754	1	0.871		0.327	0.754	1	0.837		0.327	0.754	1	0.467	J	0.327	0.754	1	0.69	J	0.327	0.754	1	0.471	J	0.327	0.754	1
Total Xylenes	1330-20-7	100	ug/m3	ND	U	0.27	0.869	1	ND	U	0.27	0.869	1	ND	U	0.27	0.869	1	ND	U	0.27	0.869	1	ND	U	0.27	0.869	1	ND	U	0.27	0.869	1
Trans-1,2-Dichloroethene	156-60-5	42	ug/m3	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1
Trichloroethene (TCE)	79-01-6	2.1	ug/m3	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1
Trichlorofluoromethane	75-69-4	NS	ug/m3	1.08	J	0.442	1.12	1	1.06	J	0.442	1.12	1	1.14		0.442	1.12	1	1.16		0.442	1.12	1	1.4		0.442	1.12	1	1.56		0.442	1.12	1
Vinyl Chloride	75-01-4	1.7	ug/m3	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1

See notes on last page.

Table 6
Perimeter Fenceline Air Results: May 27 - August 28, 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project #220240201

Analyte	CAS Number	EPA RSLs for Resident Air (THQ=1.0, TCR=1E-05)	Location	AA-3					AA-3					AA-3					AA-3					AA-3					AA-3				
			Sample Name	AA-3_20260814					AA-3_20260817					AA-3_20260818					AA-3_20260819					AA-3_20260820					AA-3_20260821				
			Sample Date	08/14/2026					08/17/2026					08/18/2026					08/19/2026					08/20/2026					08/21/2026				
			Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds																																
1,1,1-Trichloroethane	71-55-6	5200	ug/m3	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1
1,1,2,2-Tetrachloroethane	79-34-5	0.48	ug/m3	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5200	ug/m3	0.544	J	0.388	1.53	1	0.475	J	0.388	1.53	1	0.521	J	0.388	1.53	1	0.475	J	0.388	1.53	1	0.606	J	0.388	1.53	1	0.498	J	0.388	1.53	1
1,1,2-Trichloroethane	79-00-5	0.21	ug/m3	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1
1,1-Dichloroethane	75-34-3	18	ug/m3	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1
1,1-Dichloroethene	75-35-4	4.1	ug/m3	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1
1,2,4-Trichlorobenzene	120-82-1	2.1	ug/m3	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1
1,2,4-Trimethylbenzene	95-63-6	63	ug/m3	ND	U	0.284	0.983	1	0.285	J	0.284	0.983	1	ND	U	0.284	0.983	1	ND	U	0.284	0.983	1	ND	U	0.284	0.983	1	ND	U	0.284	0.983	1
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.047	ug/m3	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1
1,2-Dichlorobenzene	95-50-1	210	ug/m3	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1
1,2-Dichloroethane	107-06-2	1.1	ug/m3	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1
1,2-Dichloropropane	78-87-5	4.2	ug/m3	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	63	ug/m3	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1
1,3-Butadiene	106-99-0	0.94	ug/m3	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1
1,3-Dichloropropane	142-28-9	NS	ug/m3	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1
1,4-Dichlorobenzene	106-46-7	2.6	ug/m3	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1
1,4-Dioxane (P-Dioxane)	123-91-1	5.6	ug/m3	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1
Acetone	67-64-1	NS	ug/m3	9.38		1.22	2.38	1	8.67		1.22	2.38	1	11.2		1.22	2.38	1	9.12		1.22	2.38	1	7.22		1.22	2.38	1	7.55		1.22	2.38	1
Acrolein	107-02-8	0.021	ug/m3	**0.183**		*0.089*	*0.115*	1	**0.195**		*0.089*	*0.115*	1	**0.509**		*0.089*	*0.115*	1	**0.163**		*0.089*	*0.115*	1	**0.227**		*0.089*	*0.115*	1	**0.298**		*0.089*	*0.115*	1
Acrylonitrile	107-13-1	0.41	ug/m3	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1
Allyl Chloride (3-Chloropropene)	107-05-1	1	ug/m3	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1
Benzene	71-43-2	3.6	ug/m3	0.751		0.205	0.639	1	0.537	J	0.205	0.639	1	0.348	J	0.205	0.639	1	0.367	J	0.205	0.639	1	0.652		0.205	0.639	1	0.486	J	0.205	0.639	1
Benzyl Chloride	100-44-7	0.57	ug/m3	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1
Bromodichloromethane	75-27-4	0.76	ug/m3	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1
Bromoethene	593-60-2	1.9	ug/m3	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1
Bromoform	75-25-2	26	ug/m3	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1
Bromomethane	74-83-9	5.2	ug/m3	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1
Carbon Disulfide	75-15-0	730	ug/m3	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1
Carbon Tetrachloride	56-23-5	4.7	ug/m3	0.447	J	0.432	1.26	1	0.453	J	0.432	1.26	1	ND	U	0.432	1.26	1	0.459	J	0.432	1.26	1	0.434	J	0.432	1.26	1	ND	U	0.432	1.26	1
Chlorobenzene	108-90-7	52	ug/m3	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1
Chloroethane	75-00-3	4200	ug/m3	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1
Chloroform	67-66-3	1.2	ug/m3	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	0.322	J	0.27	0.977	1	ND	U	0.27	0.977	1
Chloromethane	74-87-3	94	ug/m3	1.28		0.119	0.413	1	1.23		0.119	0.413	1	2.09		0.119	0.413	1	1.2		0.119	0.413	1	1.23		0.119	0.413	1	1.29		0.119	0.413	1
Cyclohexane	110-82-7	6300	ug/m3	0.313	J	0.251	0.688	1	0.327	J	0.251	0.688	1	ND	U	0.251	0.688	1	ND	U	0.251	0.688	1	0.282	J	0.251	0.688	1	ND	U	0.251	0.688	1
Dibromochloromethane	124-48-1	NS	ug/m3	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1
Dichlorodifluoromethane	75-71-8	100	ug/m3	2.41		0.374	0.989	1	2.25		0.374	0.989	1	2.25		0.374	0.989	1	2.27		0.374	0.989	1	2.28		0.374	0.989	1	2.35		0.374	0.989	1
Ethylbenzene	100-41-4	11	ug/m3	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1
Isopropanol	67-63-0	210	ug/m3	1.26	J	0.669	2.46	1	1.25	J	0.669	2.46	1	1.63	J	0.669	2.46	1	0.764	J	0.669	2.46	1	0.983	J	0.669	2.46	1	1.07	J	0.669	2.46	1
Isopropylbenzene (Cumene)	98-82-8	420	ug/m3	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1
M,P-Xylene	179601-23-1	NS	ug/m3	0.625	J	0.543	1.74	1	0.838	J	0.543	1.74	1	ND	U	0.543	1.74	1	ND	U	0.543	1.74	1	0.639	J	0.543	1.74	1	ND	U	0.543	1.74	1
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	3100	ug/m3	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1
Methyl Methacrylate	80-62-6	730	ug/m3	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1
Methylene Chloride	75-09-2	630	ug/m3	ND	U	0.434	1.74	1	ND	U	0.434	1.74	1	ND	U	0.434	1.74	1	ND	U	0.434	1.74	1	ND	U	0.434	1.74	1	ND	U	0.434	1.74	1
Naphthalene	91-20-3	0.83	ug/m3	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1
n-Hexane	110-54-3	730	ug/m3	1.2		0.262	0.705	1	1.39		0.262	0.705	1	0.493	J	0.262	0.705	1	0.532	J	0.262	0.705	1	1.21		0.262	0.705	1	0.976		0.262	0.705	1
o-Xylene (1,2-Dimethylbenzene)	95-47-6	100	ug/m3	ND	U	0.27	0.869	1	0.361	J	0.27	0.869	1	ND	U	0.27	0.869	1	ND	U	0.27	0.869	1	ND	U	0.27	0.869	1	ND	U	0.27	0.869	1
Styrene	100-42-5	1000	ug/m3	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	110	ug/m3	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1
Tetrachloroethene (PCE)	127-18-4	42	ug/m3	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1
Tetrahydrofuran	109-99-9	2100	ug/m3	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1
Toluene	108-88-3	5200	ug/m3	1.5		0.327	0.754	1	1.49		0.327	0.754	1	0.705	J	0.327	0.754	1	0.867		0.327	0.754	1	1.26		0.327	0.754	1	1.28		0.327	0.754	1
Total Xylenes	1330-20-7	100	ug/m3	0.625	J	0.27	0.869	1	1.2	J	0.27	0.869	1	ND	U	0.27	0.869	1	ND	U	0.27	0.869	1	0.639	J	0.27	0.869	1	ND	U	0.27	0.869	1
Trans-1,2-Dichloroethene	156-60-5	42	ug/m3	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1
Trichloroethene (TCE)	79-01-6	2.1	ug/m3	ND	U	0.295	1.07	1	0.903	J	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	0.462	J	0.295	1.07	1
Trichlorofluoromethane	75-69-4	NS	ug/m3	1.26		0.442	1.12	1	1.16		0.442	1.12	1	1.13		0.442	1.12	1	1.19		0.442	1.12	1	1.15		0.442	1.12	1	1.2		0.442	1.12	1
Vinyl Chloride	75-01-4	1.7	ug/m3	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1

See notes on last page.

Table 6
Perimeter Fenceline Air Results: May 27 - August 28, 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project #220240201

Analyte	CAS Number	EPA RSLs for Resident Air (THQ=1.0, TCR=1E-05)	Location	AA-3					AA-3					AA-3					AA-3					AA-3					AA-4				
			Sample Name	AA-3_20260824					AA-3_20260825					AA-3_20260826					AA-3_20260827					AA-3_20260828					AA-4_20260528				
			Sample Date	08/24/2026					08/25/2026					08/26/2026					08/27/2026					08/28/2026					05/28/2026				
			Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds																																
1,1,1-Trichloroethane	71-55-6	5200	ug/m3	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1
1,1,2,2-Tetrachloroethane	79-34-5	0.48	ug/m3	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5200	ug/m3	0.46	J	0.388	1.53	1	0.506	J	0.388	1.53	1	0.56	J	0.388	1.53	1	0.575	J	0.388	1.53	1	0.651	J	0.388	1.53	1	0.575	J	0.388	1.53	1
1,1,2-Trichloroethane	79-00-5	0.21	ug/m3	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1
1,1-Dichloroethane	75-34-3	18	ug/m3	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1
1,1-Dichloroethene	75-35-4	4.1	ug/m3	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1
1,2,4-Trichlorobenzene	120-82-1	2.1	ug/m3	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1
1,2,4-Trimethylbenzene	95-63-6	63	ug/m3	ND	U	0.284	0.983	1	1.46		0.284	0.983	1	ND	U	0.284	0.983	1	1.04		0.284	0.983	1	0.521	J	0.284	0.983	1	0.683	J	0.284	0.983	1
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.047	ug/m3	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1
1,2-Dichlorobenzene	95-50-1	210	ug/m3	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1
1,2-Dichloroethane	107-06-2	1.1	ug/m3	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1
1,2-Dichloropropane	78-87-5	4.2	ug/m3	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	63	ug/m3	ND	U	0.295	0.983	1	0.408	J	0.295	0.983	1	ND	U	0.295	0.983	1	0.31	J	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1
1,3-Butadiene	106-99-0	0.94	ug/m3	ND	U	0.137	0.442	1	0.292	J	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1
1,3-Dichloropropane	142-28-9	NS	ug/m3	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1
1,4-Dichlorobenzene	106-46-7	2.6	ug/m3	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1
1,4-Dioxane (P-Dioxane)	123-91-1	5.6	ug/m3	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1
Acetone	67-64-1	NS	ug/m3	6.27		1.22	2.38	1	6.91		1.22	2.38	1	9.72		1.22	2.38	1	8.08		1.22	2.38	1	6.44		1.22	2.38	1	ND	U	1.22	2.38	1
Acrolein	107-02-8	0.021	ug/m3	**0.103**	J	*0.089*	*0.115*	1	**0.225**		*0.089*	*0.115*	1	**0.305**		*0.089*	*0.115*	1	**0.211**		*0.089*	*0.115*	1	**0.181**		*0.089*	*0.115*	1	**0.167**		*0.089*	*0.115*	1
Acrylonitrile	107-13-1	0.41	ug/m3	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1
Allyl Chloride (3-Chloropropene)	107-05-1	1	ug/m3	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1
Benzene	71-43-2	3.6	ug/m3	0.415	J	0.205	0.639	1	1.12		0.205	0.639	1	0.764		0.205	0.639	1	1.46		0.205	0.639	1	0.664		0.205	0.639	1	1.71		0.205	0.639	1
Benzyl Chloride	100-44-7	0.57	ug/m3	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1
Bromodichloromethane	75-27-4	0.76	ug/m3	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1
Bromoethene	593-60-2	1.9	ug/m3	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1
Bromoform	75-25-2	26	ug/m3	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1
Bromomethane	74-83-9	5.2	ug/m3	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1
Carbon Disulfide	75-15-0	730	ug/m3	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1
Carbon Tetrachloride	56-23-5	4.7	ug/m3	ND	U	0.432	1.26	1	ND	U	0.432	1.26	1	ND	U	0.432	1.26	1	0.447	J	0.432	1.26	1	ND	U	0.432	1.26	1	0.478	J	0.432	1.26	1
Chlorobenzene	108-90-7	52	ug/m3	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1
Chloroethane	75-00-3	4200	ug/m3	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1
Chloroform	67-66-3	1.2	ug/m3	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1
Chloromethane	74-87-3	94	ug/m3	0.853		0.119	0.413	1	1.16		0.119	0.413	1	1.27		0.119	0.413	1	1.19		0.119	0.413	1	1.29		0.119	0.413	1	1.26		0.119	0.413	1
Cyclohexane	110-82-7	6300	ug/m3	ND	U	0.251	0.688	1	0.527	J	0.251	0.688	1	0.503	J	0.251	0.688	1	1.57		0.251	0.688	1	0.406	J	0.251	0.688	1	2.05		0.251	0.688	1
Dibromochloromethane	124-48-1	NS	ug/m3	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1
Dichlorodifluoromethane	75-71-8	100	ug/m3	1.87		0.374	0.989	1	2.51		0.374	0.989	1	2.42		0.374	0.989	1	2.35		0.374	0.989	1	2.82		0.374	0.989	1	2.37		0.374	0.989	1
Ethylbenzene	100-41-4	11	ug/m3	ND	U	0.25	0.869	1	1.14		0.25	0.869	1	ND	U	0.25	0.869	1	0.86	J	0.25	0.869	1	0.304	J	0.25	0.869	1	0.526	J	0.25	0.869	1
Isopropanol	67-63-0	210	ug/m3	ND	U	0.669	2.46	1	0.823	J	0.669	2.46	1	1.57	J	0.669	2.46	1	2.28	J	0.669	2.46	1	1.42	J	0.669	2.46	1	1.9	J	0.669	2.46	1
Isopropylbenzene (Cumene)	98-82-8	420	ug/m3	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1
M,P-Xylene	179601-23-1	NS	ug/m3	ND	U	0.543	1.74	1	4.07		0.543	1.74	1	1.12	J	0.543	1.74	1	3.28		0.543	1.74	1	1.49	J	0.543	1.74	1	2.21		0.543	1.74	1
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	3100	ug/m3	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1
Methyl Methacrylate	80-62-6	730	ug/m3	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1
Methylene Chloride	75-09-2	630	ug/m3	ND	U	0.434	1.74	1	ND	U	0.434	1.74	1	ND	U	0.434	1.74	1	ND	U	0.434	1.74	1	ND	U	0.434	1.74	1	0.573	J	0.434	1.74	1
Naphthalene	91-20-3	0.83	ug/m3	ND	U	0.11	0.262	1	0.142	J	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	0.152	J	0.11	0.262	1
n-Hexane	110-54-3	730	ug/m3	0.511	J	0.262	0.705	1	2.58		0.262	0.705	1	2.74		0.262	0.705	1	4.83		0.262	0.705	1	2.17		0.262	0.705	1	6.94		0.262	0.705	1
o-Xylene (1,2-Dimethylbenzene)	95-47-6	100	ug/m3	ND	U	0.27	0.869	1	1.73		0.27	0.869	1	0.3	J	0.27	0.869	1	1.35		0.27	0.869	1	0.478	J	0.27	0.869	1	0.838	J	0.27	0.869	1
Styrene	100-42-5	1000	ug/m3	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	110	ug/m3	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1
Tetrachloroethene (PCE)	127-18-4	42	ug/m3	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1
Tetrahydrofuran	109-99-9	2100	ug/m3	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1
Toluene	108-88-3	5200	ug/m3	0.607	J	0.327	0.754	1	5.5		0.327	0.754	1	2.01		0.327	0.754	1	5.09		0.327	0.754	1	2.27		0.327	0.754	1	4.71		0.327	0.754	1
Total Xylenes	1330-20-7	100	ug/m3	ND	U	0.27	0.869	1	5.82		0.27	0.869	1	1.42	J	0.27	0.869	1	4.6		0.27	0.869	1	1.97	J	0.27	0.869	1	3.04	J	0.27	0.869	1
Trans-1,2-Dichloroethene	156-60-5	42	ug/m3	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1
Trichloroethene (TCE)	79-01-6	2.1	ug/m3	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	0.43	J	0.295	1.07	1
Trichlorofluoromethane	75-69-4	NS	ug/m3	0.933	J	0.442	1.12	1	1.24		0.442	1.12	1	1.19		0.442	1.12	1	1.22		0.442	1.12	1	1.5		0.442	1.12	1	1.25		0.442	1.12	1
Vinyl Chloride	75-01-4	1.7	ug/m3	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1

See notes on last page.

Table 6
Perimeter Fenceline Air Results: May 27 - August 28, 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project #220240201

Analyte	CAS Number	EPA RSLs for Resident Air (THQ=1.0, TCR=1E-05)	Location	AA-4					AA-4					AA-4					AA-4					AA-4					AA-4				
			Sample Name	AA-4_20260529					AA-4_20260601					AA-4_20260602					AA-4_20260603					AA-4_20260604					AA-4_20260605				
			Sample Date	05/29/2026					06/01/2026					06/02/2026					06/03/2026					06/04/2026					06/05/2026				
			Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds																																
1,1,1-Trichloroethane	71-55-6	5200	ug/m3	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1
1,1,2,2-Tetrachloroethane	79-34-5	0.48	ug/m3	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5200	ug/m3	0.498	J	0.388	1.53	1	0.491	J	0.388	1.53	1	0.414	J	0.388	1.53	1	0.56	J	0.388	1.53	1	0.483	J	0.388	1.53	1	0.713	J	0.388	1.53	1
1,1,2-Trichloroethane	79-00-5	0.21	ug/m3	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1
1,1-Dichloroethane	75-34-3	18	ug/m3	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1
1,1-Dichloroethene	75-35-4	4.1	ug/m3	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1
1,2,4-Trichlorobenzene	120-82-1	2.1	ug/m3	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1
1,2,4-Trimethylbenzene	95-63-6	63	ug/m3	ND	U	0.284	0.983	1	0.383	J	0.284	0.983	1	1.21		0.284	0.983	1	0.492	J	0.284	0.983	1	0.369	J	0.284	0.983	1	0.32	J	0.284	0.983	1
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.047	ug/m3	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1
1,2-Dichlorobenzene	95-50-1	210	ug/m3	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1
1,2-Dichloroethane	107-06-2	1.1	ug/m3	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1
1,2-Dichloropropane	78-87-5	4.2	ug/m3	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	63	ug/m3	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	0.457	J	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1
1,3-Butadiene	106-99-0	0.94	ug/m3	0.361	J	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1
1,3-Dichloropropane	142-28-9	NS	ug/m3	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1
1,4-Dichlorobenzene	106-46-7	2.6	ug/m3	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1
1,4-Dioxane (P-Dioxane)	123-91-1	5.6	ug/m3	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1
Acetone	67-64-1	NS	ug/m3	2.95		1.22	2.38	1	5.34		1.22	2.38	1	2.8		1.22	2.38	1	8.96		1.22	2.38	1	5.23		1.22	2.38	1	20		1.22	2.38	1
Acrolein	107-02-8	0.021	ug/m3	**0.149**		*0.089*	*0.115*	1	**0.387**		*0.089*	*0.115*	1	**0.188**		*0.089*	*0.115*	1	**0.404**		*0.089*	*0.115*	1	**0.174**		*0.089*	*0.115*	1	**0.672**		*0.089*	*0.115*	1
Acrylonitrile	107-13-1	0.41	ug/m3	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1
Allyl Chloride (3-Chloropropene)	107-05-1	1	ug/m3	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1
Benzene	71-43-2	3.6	ug/m3	0.904		0.205	0.639	1	0.923		0.205	0.639	1	2.88		0.205	0.639	1	0.955		0.205	0.639	1	0.505	J	0.205	0.639	1	0.556	J	0.205	0.639	1
Benzyl Chloride	100-44-7	0.57	ug/m3	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1
Bromodichloromethane	75-27-4	0.76	ug/m3	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1
Bromoethene	593-60-2	1.9	ug/m3	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1
Bromoform	75-25-2	26	ug/m3	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1
Bromomethane	74-83-9	5.2	ug/m3	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1
Carbon Disulfide	75-15-0	730	ug/m3	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1
Carbon Tetrachloride	56-23-5	4.7	ug/m3	0.453	J	0.432	1.26	1	0.447	J	0.432	1.26	1	0.44	J	0.432	1.26	1	0.572	J	0.432	1.26	1	0.484	J	0.432	1.26	1	ND	U	0.432	1.26	1
Chlorobenzene	108-90-7	52	ug/m3	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1
Chloroethane	75-00-3	4200	ug/m3	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1
Chloroform	67-66-3	1.2	ug/m3	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1
Chloromethane	74-87-3	94	ug/m3	1.15		0.119	0.413	1	1.18		0.119	0.413	1	1.09		0.119	0.413	1	1.18		0.119	0.413	1	1.13		0.119	0.413	1	1.28		0.119	0.413	1
Cyclohexane	110-82-7	6300	ug/m3	0.871		0.251	0.688	1	0.864		0.251	0.688	1	4.13		0.251	0.688	1	1.35		0.251	0.688	1	0.85		0.251	0.688	1	0.771		0.251	0.688	1
Dibromochloromethane	124-48-1	NS	ug/m3	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1
Dichlorodifluoromethane	75-71-8	100	ug/m3	2.43		0.374	0.989	1	2.37		0.374	0.989	1	2.36		0.374	0.989	1	2.67		0.374	0.989	1	2.44		0.374	0.989	1	2.42		0.374	0.989	1
Ethylbenzene	100-41-4	11	ug/m3	ND	U	0.25	0.869	1	0.321	J	0.25	0.869	1	1.02		0.25	0.869	1	0.326	J	0.25	0.869	1	ND	U	0.25	0.869	1	0.265	J	0.25	0.869	1
Isopropanol	67-63-0	210	ug/m3	3.69		0.669	2.46	1	1.53	J	0.669	2.46	1	1.08	J	0.669	2.46	1	2	J	0.669	2.46	1	2.51		0.669	2.46	1	2.75		0.669	2.46	1
Isopropylbenzene (Cumene)	98-82-8	420	ug/m3	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	0.31	J	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1
M,P-Xylene	179601-23-1	NS	ug/m3	0.864	J	0.543	1.74	1	1.27	J	0.543	1.74	1	5.26		0.543	1.74	1	1.37	J	0.543	1.74	1	0.847	J	0.543	1.74	1	0.934	J	0.543	1.74	1
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	3100	ug/m3	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1
Methyl Methacrylate	80-62-6	730	ug/m3	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	4.14		0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1
Methylene Chloride	75-09-2	630	ug/m3	0.466	J	0.434	1.74	1	0.5	J	0.434	1.74	1	0.507	J	0.434	1.74	1	0.486	J	0.434	1.74	1	0.514	J	0.434	1.74	1	0.521	J	0.434	1.74	1
Naphthalene	91-20-3	0.83	ug/m3	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	0.163	J	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1
n-Hexane	110-54-3	730	ug/m3	3.67		0.262	0.705	1	2.88		0.262	0.705	1	14.1		0.262	0.705	1	4.86		0.262	0.705	1	2.7		0.262	0.705	1	2.57		0.262	0.705	1
o-Xylene (1,2-Dimethylbenzene)	95-47-6	100	ug/m3	0.317	J	0.27	0.869	1	0.491	J	0.27	0.869	1	1.61		0.27	0.869	1	0.504	J	0.27	0.869	1	0.33	J	0.27	0.869	1	0.352	J	0.27	0.869	1
Styrene	100-42-5	1000	ug/m3	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	110	ug/m3	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1
Tetrachloroethene (PCE)	127-18-4	42	ug/m3	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1
Tetrahydrofuran	109-99-9	2100	ug/m3	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1
Toluene	108-88-3	5200	ug/m3	2.01		0.327	0.754	1	2.61		0.327	0.754	1	9.76		0.327	0.754	1	2.44		0.327	0.754	1	1.44		0.327	0.754	1	1.71		0.327	0.754	1
Total Xylenes	1330-20-7	100	ug/m3	1.18	J	0.27	0.869	1	1.76	J	0.27	0.869	1	6.86		0.27	0.869	1	1.88	J	0.27	0.869	1	1.18	J	0.27	0.869	1	1.29	J	0.27	0.869	1
Trans-1,2-Dichloroethene	156-60-5	42	ug/m3	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1
Trichloroethene (TCE)	79-01-6	2.1	ug/m3	ND	U	0.295	1.07	1	0.629	J	0.295	1.07	1	0.376	J	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1
Trichlorofluoromethane	75-69-4	NS	ug/m3	1.24		0.442	1.12	1	1.07	J	0.442	1.12	1	1.04	J	0.442	1.12	1	1.44		0.442	1.12	1	1.39		0.442	1.12	1	1.25		0.442	1.12	1
Vinyl Chloride	75-01-4	1.7	ug/m3	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1

See notes on last page.

Table 6
Perimeter Fenceline Air Results: May 27 - August 28, 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project #220240201

Analyte	CAS Number	EPA RSLs for Resident Air (THQ=1.0, TCR=1E-05)	Location	AA-4					AA-4					AA-4					AA-4					AA-4					AA-4				
			Sample Name	AA-4_20260608					AA-4_20260609					AA-4_20260610					AA-4_20260611					AA-4_20260612					AA-4_20260615				
			Sample Date	06/08/2026					06/09/2026					06/10/2026					06/11/2026					06/12/2026					06/15/2026				
			Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds																																
1,1,1-Trichloroethane	71-55-6	5200	ug/m3	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1
1,1,2,2-Tetrachloroethane	79-34-5	0.48	ug/m3	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5200	ug/m3	0.636	J	0.388	1.53	1	0.621	J	0.388	1.53	1	0.521	J	0.388	1.53	1	0.491	J	0.388	1.53	1	0.498	J	0.388	1.53	1	1.33	J	0.388	1.53	1
1,1,2-Trichloroethane	79-00-5	0.21	ug/m3	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1
1,1-Dichloroethane	75-34-3	18	ug/m3	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1
1,1-Dichloroethene	75-35-4	4.1	ug/m3	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1
1,2,4-Trichlorobenzene	120-82-1	2.1	ug/m3	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1
1,2,4-Trimethylbenzene	95-63-6	63	ug/m3	ND	U	0.284	0.983	1	ND	U	0.284	0.983	1	0.359	J	0.284	0.983	1	ND	U	0.284	0.983	1	ND	U	0.284	0.983	1	0.521	J	0.284	0.983	1
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.047	ug/m3	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1
1,2-Dichlorobenzene	95-50-1	210	ug/m3	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1
1,2-Dichloroethane	107-06-2	1.1	ug/m3	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1
1,2-Dichloropropane	78-87-5	4.2	ug/m3	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	63	ug/m3	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1
1,3-Butadiene	106-99-0	0.94	ug/m3	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	0.252	J	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1
1,3-Dichloropropane	142-28-9	NS	ug/m3	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1
1,4-Dichlorobenzene	106-46-7	2.6	ug/m3	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1
1,4-Dioxane (P-Dioxane)	123-91-1	5.6	ug/m3	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1
Acetone	67-64-1	NS	ug/m3	ND	U	1.22	2.38	1	ND	U	1.22	2.38	1	11.1		1.22	2.38	1	8.62		1.22	2.38	1	11.2		1.22	2.38	1	11		1.22	2.38	1
Acrolein	107-02-8	0.021	ug/m3	**0.144**		*0.089*	*0.115*	1	**0.202**		*0.089*	*0.115*	1	**0.238**		*0.089*	*0.115*	1	**0.264**		*0.089*	*0.115*	1	**0.566**		*0.089*	*0.115*	1	**1.09**		*0.089*	*0.115*	1
Acrylonitrile	107-13-1	0.41	ug/m3	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1
Allyl Chloride (3-Chloropropene)	107-05-1	1	ug/m3	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1
Benzene	71-43-2	3.6	ug/m3	0.652		0.205	0.639	1	0.31	J	0.205	0.639	1	1.19		0.205	0.639	1	0.575	J	0.205	0.639	1	0.335	J	0.205	0.639	1	1.24		0.205	0.639	1
Benzyl Chloride	100-44-7	0.57	ug/m3	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1
Bromodichloromethane	75-27-4	0.76	ug/m3	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1
Bromoethene	593-60-2	1.9	ug/m3	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1
Bromoform	75-25-2	26	ug/m3	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1
Bromomethane	74-83-9	5.2	ug/m3	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1
Carbon Disulfide	75-15-0	730	ug/m3	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1
Carbon Tetrachloride	56-23-5	4.7	ug/m3	0.698	J	0.432	1.26	1	0.472	J	0.432	1.26	1	0.459	J	0.432	1.26	1	ND	U	0.432	1.26	1	0.465	J	0.432	1.26	1	0.465	J	0.432	1.26	1
Chlorobenzene	108-90-7	52	ug/m3	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1
Chloroethane	75-00-3	4200	ug/m3	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1
Chloroform	67-66-3	1.2	ug/m3	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1
Chloromethane	74-87-3	94	ug/m3	1.1		0.119	0.413	1	1.2		0.119	0.413	1	1.29		0.119	0.413	1	1.37		0.119	0.413	1	1.47		0.119	0.413	1	1.26		0.119	0.413	1
Cyclohexane	110-82-7	6300	ug/m3	0.702		0.251	0.688	1	0.503	J	0.251	0.688	1	0.795		0.251	0.688	1	0.554	J	0.251	0.688	1	ND	U	0.251	0.688	1	1.54		0.251	0.688	1
Dibromochloromethane	124-48-1	NS	ug/m3	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1
Dichlorodifluoromethane	75-71-8	100	ug/m3	2.76		0.374	0.989	1	2.3		0.374	0.989	1	2.31		0.374	0.989	1	2.31		0.374	0.989	1	2.27		0.374	0.989	1	2.44		0.374	0.989	1
Ethylbenzene	100-41-4	11	ug/m3	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1	0.256	J	0.25	0.869	1	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1	0.608	J	0.25	0.869	1
Isopropanol	67-63-0	210	ug/m3	1.09	J	0.669	2.46	1	1.28	J	0.669	2.46	1	2.26	J	0.669	2.46	1	1.21	J	0.669	2.46	1	3.83		0.669	2.46	1	2.32	J	0.669	2.46	1
Isopropylbenzene (Cumene)	98-82-8	420	ug/m3	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1
M,P-Xylene	179601-23-1	NS	ug/m3	0.699	J	0.543	1.74	1	ND	U	0.543	1.74	1	1.79		0.543	1.74	1	0.738	J	0.543	1.74	1	ND	U	0.543	1.74	1	2.6		0.543	1.74	1
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	3100	ug/m3	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1
Methyl Methacrylate	80-62-6	730	ug/m3	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	24.2		0.925	2.05	1	ND	U	0.925	2.05	1	1.35	J	0.925	2.05	1	3.74		0.925	2.05	1
Methylene Chloride	75-09-2	630	ug/m3	0.518	J	0.434	1.74	1	0.49	J	0.434	1.74	1	0.552	J	0.434	1.74	1	ND	U	0.434	1.74	1	0.448	J	0.434	1.74	1	0.65	J	0.434	1.74	1
Naphthalene	91-20-3	0.83	ug/m3	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	0.173	J	0.11	0.262	1	ND	U	0.11	0.262	1	0.33		0.11	0.262	1
n-Hexane	110-54-3	730	ug/m3	2.44		0.262	0.705	1	1.94		0.262	0.705	1	4.33		0.262	0.705	1	1.89		0.262	0.705	1	1.72		0.262	0.705	1	4.62		0.262	0.705	1
o-Xylene (1,2-Dimethylbenzene)	95-47-6	100	ug/m3	ND	U	0.27	0.869	1	ND	U	0.27	0.869	1	0.378	J	0.27	0.869	1	ND	U	0.27	0.869	1	ND	U	0.27	0.869	1	1.08		0.27	0.869	1
Styrene	100-42-5	1000	ug/m3	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	110	ug/m3	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1
Tetrachloroethene (PCE)	127-18-4	42	ug/m3	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1
Tetrahydrofuran	109-99-9	2100	ug/m3	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1
Toluene	108-88-3	5200	ug/m3	1.38		0.327	0.754	1	0.825		0.327	0.754	1	3.39		0.327	0.754	1	1.36		0.327	0.754	1	0.524	J	0.327	0.754	1	7.84		0.327	0.754	1
Total Xylenes	1330-20-7	100	ug/m3	0.699	J	0.27	0.869	1	ND	U	0.27	0.869	1	2.17	J	0.27	0.869	1	0.738	J	0.27	0.869	1	ND	U	0.27	0.869	1	3.68		0.27	0.869	1
Trans-1,2-Dichloroethene	156-60-5	42	ug/m3	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1
Trichloroethene (TCE)	79-01-6	2.1	ug/m3	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	0.543	J	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1
Trichlorofluoromethane	75-69-4	NS	ug/m3	1.7		0.442	1.12	1	1.06	J	0.442	1.12	1	1.17		0.442	1.12	1	1.16		0.442	1.12	1	1.12	J	0.442	1.12	1	1.59		0.442	1.12	1
Vinyl Chloride	75-01-4	1.7	ug/m3	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1

See notes on last page.

Table 6
Perimeter Fenceline Air Results: May 27 - August 28, 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project #220240201

Analyte	CAS Number	EPA RSLs for Resident Air (THQ=1.0, TCR=1E-05)	Location	AA-4					AA-4					AA-4					AA-4					AA-4					AA-4				
			Sample Name	AA-4_20260616					AA-4_20260617					AA-4_20260619					AA-4_20260622					AA-4_20260623					AA-4_20260624				
			Sample Date	06/16/2026					06/17/2026					06/19/2026					06/22/2026					06/23/2026					06/24/2026				
			Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds																																
1,1,1-Trichloroethane	71-55-6	5200	ug/m3	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1
1,1,2,2-Tetrachloroethane	79-34-5	0.48	ug/m3	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5200	ug/m3	0.674	J	0.388	1.53	1	0.521	J	0.388	1.53	1	0.56	J	0.388	1.53	1	0.521	J	0.388	1.53	1	0.498	J	0.388	1.53	1	0.506	J	0.388	1.53	1
1,1,2-Trichloroethane	79-00-5	0.21	ug/m3	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1
1,1-Dichloroethane	75-34-3	18	ug/m3	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1
1,1-Dichloroethene	75-35-4	4.1	ug/m3	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1
1,2,4-Trichlorobenzene	120-82-1	2.1	ug/m3	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1
1,2,4-Trimethylbenzene	95-63-6	63	ug/m3	0.487	J	0.284	0.983	1	ND	U	0.284	0.983	1	0.3	J	0.284	0.983	1	0.575	J	0.284	0.983	1	0.31	J	0.284	0.983	1	ND	U	0.284	0.983	1
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.047	ug/m3	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1
1,2-Dichlorobenzene	95-50-1	210	ug/m3	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1
1,2-Dichloroethane	107-06-2	1.1	ug/m3	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1
1,2-Dichloropropane	78-87-5	4.2	ug/m3	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	63	ug/m3	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1
1,3-Butadiene	106-99-0	0.94	ug/m3	ND	U	0.137	0.442	1	0.17	J	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1
1,3-Dichloropropane	142-28-9	NS	ug/m3	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1
1,4-Dichlorobenzene	106-46-7	2.6	ug/m3	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1
1,4-Dioxane (P-Dioxane)	123-91-1	5.6	ug/m3	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1
Acetone	67-64-1	NS	ug/m3	6.91		1.22	2.38	1	5.51		1.22	2.38	1	6.98		1.22	2.38	1	15.8		1.22	2.38	1	2.07	J	1.22	2.38	1	12.7		1.22	2.38	1
Acrolein	107-02-8	0.021	ug/m3	**0.186**		*0.089*	*0.115*	1	**0.138**		*0.089*	*0.115*	1	**0.213**		*0.089*	*0.115*	1	**0.31**		*0.089*	*0.115*	1	**0.133**		*0.089*	*0.115*	1	**0.112**	J	*0.089*	*0.115*	1
Acrylonitrile	107-13-1	0.41	ug/m3	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	**0.497**	J	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1
Allyl Chloride (3-Chloropropene)	107-05-1	1	ug/m3	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1
Benzene	71-43-2	3.6	ug/m3	1.27		0.205	0.639	1	0.47	J	0.205	0.639	1	1.7		0.205	0.639	1	1.8		0.205	0.639	1	1.49		0.205	0.639	1	0.84		0.205	0.639	1
Benzyl Chloride	100-44-7	0.57	ug/m3	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1
Bromodichloromethane	75-27-4	0.76	ug/m3	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1
Bromoethene	593-60-2	1.9	ug/m3	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1
Bromoform	75-25-2	26	ug/m3	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1
Bromomethane	74-83-9	5.2	ug/m3	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1
Carbon Disulfide	75-15-0	730	ug/m3	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1
Carbon Tetrachloride	56-23-5	4.7	ug/m3	0.491	J	0.432	1.26	1	0.434	J	0.432	1.26	1	0.56	J	0.432	1.26	1	ND	U	0.432	1.26	1	ND	U	0.432	1.26	1	ND	U	0.432	1.26	1
Chlorobenzene	108-90-7	52	ug/m3	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1
Chloroethane	75-00-3	4200	ug/m3	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1
Chloroform	67-66-3	1.2	ug/m3	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	0.283	J	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1
Chloromethane	74-87-3	94	ug/m3	1.44		0.119	0.413	1	1.23		0.119	0.413	1	1.05		0.119	0.413	1	1.45		0.119	0.413	1	1.27		0.119	0.413	1	1.07		0.119	0.413	1
Cyclohexane	110-82-7	6300	ug/m3	1.31		0.251	0.688	1	0.379	J	0.251	0.688	1	1.87		0.251	0.688	1	1.69		0.251	0.688	1	1.38		0.251	0.688	1	0.874		0.251	0.688	1
Dibromochloromethane	124-48-1	NS	ug/m3	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1
Dichlorodifluoromethane	75-71-8	100	ug/m3	2.35		0.374	0.989	1	2.23		0.374	0.989	1	2.75		0.374	0.989	1	2.34		0.374	0.989	1	2.48		0.374	0.989	1	2.45		0.374	0.989	1
Ethylbenzene	100-41-4	11	ug/m3	0.356	J	0.25	0.869	1	ND	U	0.25	0.869	1	0.352	J	0.25	0.869	1	0.439	J	0.25	0.869	1	0.33	J	0.25	0.869	1	ND	U	0.25	0.869	1
Isopropanol	67-63-0	210	ug/m3	3.86		0.669	2.46	1	1.34	J	0.669	2.46	1	1.4	J	0.669	2.46	1	3.71		0.669	2.46	1	1.4	J	0.669	2.46	1	1.53	J	0.669	2.46	1
Isopropylbenzene (Cumene)	98-82-8	420	ug/m3	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	0.521	J	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1
M,P-Xylene	179601-23-1	NS	ug/m3	2.07		0.543	1.74	1	0.795	J	0.543	1.74	1	1.36	J	0.543	1.74	1	2.61		0.543	1.74	1	1.25	J	0.543	1.74	1	0.647	J	0.543	1.74	1
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	3100	ug/m3	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1
Methyl Methacrylate	80-62-6	730	ug/m3	10.5		0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	41.8		0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1
Methylene Chloride	75-09-2	630	ug/m3	0.5	J	0.434	1.74	1	ND	U	0.434	1.74	1	ND	U	0.434	1.74	1	0.57	J	0.434	1.74	1	ND	U	0.434	1.74	1	ND	U	0.434	1.74	1
Naphthalene	91-20-3	0.83	ug/m3	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1
n-Hexane	110-54-3	730	ug/m3	5.25		0.262	0.705	1	1.35		0.262	0.705	1	6.66		0.262	0.705	1	9.37		0.262	0.705	1	5.36		0.262	0.705	1	3.49		0.262	0.705	1
o-Xylene (1,2-Dimethylbenzene)	95-47-6	100	ug/m3	0.573	J	0.27	0.869	1	0.304	J	0.27	0.869	1	0.46	J	0.27	0.869	1	0.639	J	0.27	0.869	1	0.456	J	0.27	0.869	1	ND	U	0.27	0.869	1
Styrene	100-42-5	1000	ug/m3	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	0.396	J	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	110	ug/m3	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1
Tetrachloroethene (PCE)	127-18-4	42	ug/m3	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1
Tetrahydrofuran	109-99-9	2100	ug/m3	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1
Toluene	108-88-3	5200	ug/m3	4.11		0.327	0.754	1	1.91		0.327	0.754	1	3.67		0.327	0.754	1	5.65		0.327	0.754	1	3.25		0.327	0.754	1	1.78		0.327	0.754	1
Total Xylenes	1330-20-7	100	ug/m3	2.64	J	0.27	0.869	1	1.1	J	0.27	0.869	1	1.82	J	0.27	0.869	1	3.25	J	0.27	0.869	1	1.71	J	0.27	0.869	1	0.647	J	0.27	0.869	1
Trans-1,2-Dichloroethene	156-60-5	42	ug/m3	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1
Trichloroethene (TCE)	79-01-6	2.1	ug/m3	0.457	J	0.295	1.07	1	ND	U	0.295	1.07	1	0.559	J	0.295	1.07	1	0.881	J	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1
Trichlorofluoromethane	75-69-4	NS	ug/m3	1.31		0.442	1.12	1	1.18		0.442	1.12	1	1.36		0.442	1.12	1	1.24		0.442	1.12	1	1.28		0.442	1.12	1	1.29		0.442	1.12	1
Vinyl Chloride	75-01-4	1.7	ug/m3	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1

See notes on last page.

Table 6
Perimeter Fenceline Air Results: May 27 - August 28, 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project #220240201

Analyte	CAS Number	EPA RSLs for Resident Air (THQ=1.0, TCR=1E-05)	Location	AA-4					AA-4					AA-4					AA-4					AA-4					AA-4				
			Sample Name	AA-4_20260625					AA-4_20260626					AA-4_20260629					AA-4_20260630					AA-4_20260701					AA-4_20260702				
			Sample Date	06/25/2026					06/26/2026					06/29/2026					06/30/2026					07/01/2026					07/02/2026				
			Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds																																
1,1,1-Trichloroethane	71-55-6	5200	ug/m3	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1
1,1,2,2-Tetrachloroethane	79-34-5	0.48	ug/m3	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5200	ug/m3	0.521	J	0.388	1.53	1	1.89		0.388	1.53	1	0.544	J	0.388	1.53	1	0.59	J	0.388	1.53	1	0.491	J	0.388	1.53	1	0.514	J	0.388	1.53	1
1,1,2-Trichloroethane	79-00-5	0.21	ug/m3	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1
1,1-Dichloroethane	75-34-3	18	ug/m3	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1
1,1-Dichloroethene	75-35-4	4.1	ug/m3	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1
1,2,4-Trichlorobenzene	120-82-1	2.1	ug/m3	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1
1,2,4-Trimethylbenzene	95-63-6	63	ug/m3	ND	U	0.284	0.983	1	ND	U	0.284	0.983	1	ND	U	0.284	0.983	1	ND	U	0.284	0.983	1	ND	U	0.284	0.983	1	ND	U	0.284	0.983	1
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.047	ug/m3	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1
1,2-Dichlorobenzene	95-50-1	210	ug/m3	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1
1,2-Dichloroethane	107-06-2	1.1	ug/m3	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1
1,2-Dichloropropane	78-87-5	4.2	ug/m3	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	63	ug/m3	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1
1,3-Butadiene	106-99-0	0.94	ug/m3	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	0.277	J	0.137	0.442	1	ND	U	0.137	0.442	1
1,3-Dichloropropane	142-28-9	NS	ug/m3	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1
1,4-Dichlorobenzene	106-46-7	2.6	ug/m3	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1
1,4-Dioxane (P-Dioxane)	123-91-1	5.6	ug/m3	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1
Acetone	67-64-1	NS	ug/m3	9.57		1.22	2.38	1	32.3		1.22	2.38	1	10.8		1.22	2.38	1	7.58		1.22	2.38	1	9.91		1.22	2.38	1	16.3		1.22	2.38	1
Acrolein	107-02-8	0.021	ug/m3	**0.174**		*0.089*	*0.115*	1	**1.16**		*0.089*	*0.115*	1	**0.177**		*0.089*	*0.115*	1	**0.193**		*0.089*	*0.115*	1	**0.321**		*0.089*	*0.115*	1	**0.378**		*0.089*	*0.115*	1
Acrylonitrile	107-13-1	0.41	ug/m3	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1
Allyl Chloride (3-Chloropropene)	107-05-1	1	ug/m3	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1
Benzene	71-43-2	3.6	ug/m3	0.275	J	0.205	0.639	1	0.265	J	0.205	0.639	1	0.732		0.205	0.639	1	0.409	J	0.205	0.639	1	0.284	J	0.205	0.639	1	0.489	J	0.205	0.639	1
Benzyl Chloride	100-44-7	0.57	ug/m3	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1
Bromodichloromethane	75-27-4	0.76	ug/m3	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1
Bromoethene	593-60-2	1.9	ug/m3	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1
Bromoform	75-25-2	26	ug/m3	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1
Bromomethane	74-83-9	5.2	ug/m3	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1
Carbon Disulfide	75-15-0	730	ug/m3	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1
Carbon Tetrachloride	56-23-5	4.7	ug/m3	0.434	J	0.432	1.26	1	ND	U	0.432	1.26	1	ND	U	0.432	1.26	1	0.497	J	0.432	1.26	1	0.472	J	0.432	1.26	1	0.541	J	0.432	1.26	1
Chlorobenzene	108-90-7	52	ug/m3	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1
Chloroethane	75-00-3	4200	ug/m3	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1
Chloroform	67-66-3	1.2	ug/m3	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1
Chloromethane	74-87-3	94	ug/m3	1.07		0.119	0.413	1	1.15		0.119	0.413	1	1.05		0.119	0.413	1	0.977		0.119	0.413	1	1.28		0.119	0.413	1	0.971		0.119	0.413	1
Cyclohexane	110-82-7	6300	ug/m3	0.43	J	0.251	0.688	1	0.313	J	0.251	0.688	1	0.771		0.251	0.688	1	0.299	J	0.251	0.688	1	ND	U	0.251	0.688	1	0.558	J	0.251	0.688	1
Dibromochloromethane	124-48-1	NS	ug/m3	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1
Dichlorodifluoromethane	75-71-8	100	ug/m3	2.49		0.374	0.989	1	1.46		0.374	0.989	1	2.63		0.374	0.989	1	2.56		0.374	0.989	1	2.45		0.374	0.989	1	2.12		0.374	0.989	1
Ethylbenzene	100-41-4	11	ug/m3	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1	0.308	J	0.25	0.869	1	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1
Isopropanol	67-63-0	210	ug/m3	1.36	J	0.669	2.46	1	1.7	J	0.669	2.46	1	3.91		0.669	2.46	1	1.62	J	0.669	2.46	1	0.941	J	0.669	2.46	1	41		0.669	2.46	1
Isopropylbenzene (Cumene)	98-82-8	420	ug/m3	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1
M,P-Xylene	179601-23-1	NS	ug/m3	0.882	J	0.543	1.74	1	ND	U	0.543	1.74	1	1.12	J	0.543	1.74	1	ND	U	0.543	1.74	1	ND	U	0.543	1.74	1	0.595	J	0.543	1.74	1
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	3100	ug/m3	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1
Methyl Methacrylate	80-62-6	730	ug/m3	5.41		0.925	2.05	1	ND	U	0.925	2.05	1	8.27		0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	1.88	J	0.925	2.05	1
Methylene Chloride	75-09-2	630	ug/m3	0.476	J	0.434	1.74	1	0.476	J	0.434	1.74	1	0.5	J	0.434	1.74	1	ND	U	0.434	1.74	1	ND	U	0.434	1.74	1	ND	U	0.434	1.74	1
Naphthalene	91-20-3	0.83	ug/m3	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	0.11	J	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1
n-Hexane	110-54-3	730	ug/m3	1.65		0.262	0.705	1	1.12		0.262	0.705	1	4.02		0.262	0.705	1	1.32		0.262	0.705	1	0.973		0.262	0.705	1	2.1		0.262	0.705	1
o-Xylene (1,2-Dimethylbenzene)	95-47-6	100	ug/m3	0.382	J	0.27	0.869	1	ND	U	0.27	0.869	1	0.473	J	0.27	0.869	1	ND	U	0.27	0.869	1	ND	U	0.27	0.869	1	ND	U	0.27	0.869	1
Styrene	100-42-5	1000	ug/m3	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	110	ug/m3	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1
Tetrachloroethene (PCE)	127-18-4	42	ug/m3	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1
Tetrahydrofuran	109-99-9	2100	ug/m3	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1
Toluene	108-88-3	5200	ug/m3	3.09		0.327	0.754	1	0.61	J	0.327	0.754	1	4.79		0.327	0.754	1	0.78		0.327	0.754	1	0.697	J	0.327	0.754	1	1.13		0.327	0.754	1
Total Xylenes	1330-20-7	100	ug/m3	1.26	J	0.27	0.869	1	ND	U	0.27	0.869	1	1.6	J	0.27	0.869	1	ND	U	0.27	0.869	1	ND	U	0.27	0.869	1	0.595	J	0.27	0.869	1
Trans-1,2-Dichloroethene	156-60-5	42	ug/m3	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1
Trichloroethene (TCE)	79-01-6	2.1	ug/m3	0.387	J	0.295	1.07	1	ND	U	0.295	1.07	1	0.747	J	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1
Trichlorofluoromethane	75-69-4	NS	ug/m3	1.25		0.442	1.12	1	1.77		0.442	1.12	1	1.31		0.442	1.12	1	1.31		0.442	1.12	1	1.15		0.442	1.12	1	1.22		0.442	1.12	1
Vinyl Chloride	75-01-4	1.7	ug/m3	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1

See notes on last page.

Table 6
Perimeter Fenceline Air Results: May 27 - August 28, 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project #220240201

Analyte	CAS Number	EPA RSLs for Resident Air (THQ=1.0, TCR=1E-05)	Location	AA-4					AA-4					AA-4					AA-4					AA-4					AA-4				
			Sample Name	AA-4_20260706					AA-4_20260707					AA-4_20260708					AA-4_20260709					AA-4_20260710					AA-4_20260713				
			Sample Date	07/06/2026					07/07/2026					07/08/2026					07/09/2026					07/10/2026					07/13/2026				
			Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds																																
1,1,1-Trichloroethane	71-55-6	5200	ug/m3	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1
1,1,2,2-Tetrachloroethane	79-34-5	0.48	ug/m3	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5200	ug/m3	0.506	J	0.388	1.53	1	0.552	J	0.388	1.53	1	0.552	J	0.388	1.53	1	0.521	J	0.388	1.53	1	0.583	J	0.388	1.53	1	0.544	J	0.388	1.53	1
1,1,2-Trichloroethane	79-00-5	0.21	ug/m3	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1
1,1-Dichloroethane	75-34-3	18	ug/m3	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1
1,1-Dichloroethene	75-35-4	4.1	ug/m3	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1
1,2,4-Trichlorobenzene	120-82-1	2.1	ug/m3	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1
1,2,4-Trimethylbenzene	95-63-6	63	ug/m3	0.344	J	0.284	0.983	1	0.472	J	0.284	0.983	1	ND	U	0.284	0.983	1	0.315	J	0.284	0.983	1	ND	U	0.284	0.983	1	ND	U	0.284	0.983	1
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.047	ug/m3	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1
1,2-Dichlorobenzene	95-50-1	210	ug/m3	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1
1,2-Dichloroethane	107-06-2	1.1	ug/m3	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1
1,2-Dichloropropane	78-87-5	4.2	ug/m3	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	63	ug/m3	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1
1,3-Butadiene	106-99-0	0.94	ug/m3	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1
1,3-Dichloropropane	142-28-9	NS	ug/m3	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1
1,4-Dichlorobenzene	106-46-7	2.6	ug/m3	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	0.98	J	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1
1,4-Dioxane (P-Dioxane)	123-91-1	5.6	ug/m3	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1
Acetone	67-64-1	NS	ug/m3	8.55		1.22	2.38	1	ND	U	1.22	2.38	1	ND	U	1.22	2.38	1	ND	U	1.22	2.38	1	10.5		1.22	2.38	1	6.29		1.22	2.38	1
Acrolein	107-02-8	0.021	ug/m3	**0.16**		*0.089*	*0.115*	1	**0.206**		*0.089*	*0.115*	1	**0.16**		*0.089*	*0.115*	1	**0.199**		*0.089*	*0.115*	1	**0.147**		*0.089*	*0.115*	1	**0.193**		*0.089*	*0.115*	1
Acrylonitrile	107-13-1	0.41	ug/m3	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1
Allyl Chloride (3-Chloropropene)	107-05-1	1	ug/m3	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1
Benzene	71-43-2	3.6	ug/m3	0.719		0.205	0.639	1	2.63		0.205	0.639	1	1.48		0.205	0.639	1	0.962		0.205	0.639	1	0.476	J	0.205	0.639	1	0.399	J	0.205	0.639	1
Benzyl Chloride	100-44-7	0.57	ug/m3	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1
Bromodichloromethane	75-27-4	0.76	ug/m3	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1
Bromoethene	593-60-2	1.9	ug/m3	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1
Bromoform	75-25-2	26	ug/m3	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1
Bromomethane	74-83-9	5.2	ug/m3	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1
Carbon Disulfide	75-15-0	730	ug/m3	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	0.165	J	0.145	0.623	1	ND	U	0.145	0.623	1
Carbon Tetrachloride	56-23-5	4.7	ug/m3	0.528	J	0.432	1.26	1	0.484	J	0.432	1.26	1	0.434	J	0.432	1.26	1	0.497	J	0.432	1.26	1	0.572	J	0.432	1.26	1	ND	U	0.432	1.26	1
Chlorobenzene	108-90-7	52	ug/m3	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1
Chloroethane	75-00-3	4200	ug/m3	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1
Chloroform	67-66-3	1.2	ug/m3	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1
Chloromethane	74-87-3	94	ug/m3	1.09		0.119	0.413	1	1.3		0.119	0.413	1	1.37		0.119	0.413	1	0.861		0.119	0.413	1	1.13		0.119	0.413	1	1.12		0.119	0.413	1
Cyclohexane	110-82-7	6300	ug/m3	0.489	J	0.251	0.688	1	2.89		0.251	0.688	1	1.46		0.251	0.688	1	0.964		0.251	0.688	1	0.351	J	0.251	0.688	1	0.571	J	0.251	0.688	1
Dibromochloromethane	124-48-1	NS	ug/m3	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1
Dichlorodifluoromethane	75-71-8	100	ug/m3	2.42		0.374	0.989	1	2.59		0.374	0.989	1	2.57		0.374	0.989	1	1.93		0.374	0.989	1	2.91		0.374	0.989	1	2.24		0.374	0.989	1
Ethylbenzene	100-41-4	11	ug/m3	0.304	J	0.25	0.869	1	0.569	J	0.25	0.869	1	0.313	J	0.25	0.869	1	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1
Isopropanol	67-63-0	210	ug/m3	10.3		0.669	2.46	1	1.84	J	0.669	2.46	1	2.18	J	0.669	2.46	1	1.13	J	0.669	2.46	1	1.14	J	0.669	2.46	1	2.56		0.669	2.46	1
Isopropylbenzene (Cumene)	98-82-8	420	ug/m3	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1
M,P-Xylene	179601-23-1	NS	ug/m3	1.41	J	0.543	1.74	1	2.28		0.543	1.74	1	1.2	J	0.543	1.74	1	1.4	J	0.543	1.74	1	ND	U	0.543	1.74	1	0.621	J	0.543	1.74	1
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	3100	ug/m3	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1
Methyl Methacrylate	80-62-6	730	ug/m3	5.65		0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1
Methylene Chloride	75-09-2	630	ug/m3	0.452	J	0.434	1.74	1	0.441	J	0.434	1.74	1	0.479	J	0.434	1.74	1	ND	U	0.434	1.74	1	ND	U	0.434	1.74	1	ND	U	0.434	1.74	1
Naphthalene	91-20-3	0.83	ug/m3	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	0.126	J	0.11	0.262	1	ND	U	0.11	0.262	1
n-Hexane	110-54-3	730	ug/m3	3.5		0.262	0.705	1	10.3		0.262	0.705	1	5.25		0.262	0.705	1	4.05		0.262	0.705	1	1.51		0.262	0.705	1	2.34		0.262	0.705	1
o-Xylene (1,2-Dimethylbenzene)	95-47-6	100	ug/m3	0.599	J	0.27	0.869	1	0.83	J	0.27	0.869	1	0.465	J	0.27	0.869	1	0.382	J	0.27	0.869	1	ND	U	0.27	0.869	1	ND	U	0.27	0.869	1
Styrene	100-42-5	1000	ug/m3	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	110	ug/m3	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1
Tetrachloroethene (PCE)	127-18-4	42	ug/m3	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1
Tetrahydrofuran	109-99-9	2100	ug/m3	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1
Toluene	108-88-3	5200	ug/m3	4.97		0.327	0.754	1	6.48		0.327	0.754	1	3.44		0.327	0.754	1	2.62		0.327	0.754	1	1.02		0.327	0.754	1	1.31		0.327	0.754	1
Total Xylenes	1330-20-7	100	ug/m3	2.01	J	0.27	0.869	1	3.11	J	0.27	0.869	1	1.66	J	0.27	0.869	1	1.79	J	0.27	0.869	1	ND	U	0.27	0.869	1	0.621	J	0.27	0.869	1
Trans-1,2-Dichloroethene	156-60-5	42	ug/m3	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1
Trichloroethene (TCE)	79-01-6	2.1	ug/m3	0.973	J	0.295	1.07	1	ND	U	0.295	1.07	1	0.441	J	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1
Trichlorofluoromethane	75-69-4	NS	ug/m3	1.25		0.442	1.12	1	1.35		0.442	1.12	1	1.37		0.442	1.12	1	1.19		0.442	1.12	1	1.4		0.442	1.12	1	1.27		0.442	1.12	1
Vinyl Chloride	75-01-4	1.7	ug/m3	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1

See notes on last page.

Table 6
Perimeter Fenceline Air Results: May 27 - August 28, 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project #220240201

Analyte	CAS Number	EPA RSLs for Resident Air (THQ=1.0, TCR=1E-05)	Location	AA-4					AA-4					AA-4					AA-4					AA-4					AA-4				
			Sample Name	AA-4_20260714					AA-4_20260715					AA-4_20260716					AA-4_20260717					AA-4_20260720					AA-4_20260721				
			Sample Date	07/14/2026					07/15/2026					07/16/2026					07/17/2026					07/20/2026					07/21/2026				
			Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds																																
1,1,1-Trichloroethane	71-55-6	5200	ug/m3	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1
1,1,2,2-Tetrachloroethane	79-34-5	0.48	ug/m3	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5200	ug/m3	0.498	J	0.388	1.53	1	0.56	J	0.388	1.53	1	0.59	J	0.388	1.53	1	0.56	J	0.388	1.53	1	0.514	J	0.388	1.53	1	0.514	J	0.388	1.53	1
1,1,2-Trichloroethane	79-00-5	0.21	ug/m3	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1
1,1-Dichloroethane	75-34-3	18	ug/m3	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1
1,1-Dichloroethene	75-35-4	4.1	ug/m3	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1
1,2,4-Trichlorobenzene	120-82-1	2.1	ug/m3	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1
1,2,4-Trimethylbenzene	95-63-6	63	ug/m3	ND	U	0.284	0.983	1	0.433	J	0.284	0.983	1	0.329	J	0.284	0.983	1	ND	U	0.284	0.983	1	ND	U	0.284	0.983	1	ND	U	0.284	0.983	1
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.047	ug/m3	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1
1,2-Dichlorobenzene	95-50-1	210	ug/m3	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1
1,2-Dichloroethane	107-06-2	1.1	ug/m3	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1
1,2-Dichloropropane	78-87-5	4.2	ug/m3	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	63	ug/m3	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1
1,3-Butadiene	106-99-0	0.94	ug/m3	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1
1,3-Dichloropropane	142-28-9	NS	ug/m3	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1
1,4-Dichlorobenzene	106-46-7	2.6	ug/m3	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1
1,4-Dioxane (P-Dioxane)	123-91-1	5.6	ug/m3	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1
Acetone	67-64-1	NS	ug/m3	8.67		1.22	2.38	1	10.9		1.22	2.38	1	17.4		1.22	2.38	1	13.3		1.22	2.38	1	5.56		1.22	2.38	1	8.74		1.22	2.38	1
Acrolein	107-02-8	0.021	ug/m3	**0.151**		*0.089*	*0.115*	1	**0.257**		*0.089*	*0.115*	1	**1**		*0.089*	*0.115*	1	**0.511**		*0.089*	*0.115*	1	**0.103**	J	*0.089*	*0.115*	1	**0.209**		*0.089*	*0.115*	1
Acrylonitrile	107-13-1	0.41	ug/m3	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1
Allyl Chloride (3-Chloropropene)	107-05-1	1	ug/m3	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1
Benzene	71-43-2	3.6	ug/m3	0.326	J	0.205	0.639	1	1.13		0.205	0.639	1	2.62		0.205	0.639	1	2.87		0.205	0.639	1	0.856		0.205	0.639	1	1.23		0.205	0.639	1
Benzyl Chloride	100-44-7	0.57	ug/m3	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1
Bromodichloromethane	75-27-4	0.76	ug/m3	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1
Bromoethene	593-60-2	1.9	ug/m3	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1
Bromoform	75-25-2	26	ug/m3	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1
Bromomethane	74-83-9	5.2	ug/m3	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1
Carbon Disulfide	75-15-0	730	ug/m3	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1
Carbon Tetrachloride	56-23-5	4.7	ug/m3	ND	U	0.432	1.26	1	0.491	J	0.432	1.26	1	0.459	J	0.432	1.26	1	0.472	J	0.432	1.26	1	0.44	J	0.432	1.26	1	0.453	J	0.432	1.26	1
Chlorobenzene	108-90-7	52	ug/m3	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1
Chloroethane	75-00-3	4200	ug/m3	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1
Chloroform	67-66-3	1.2	ug/m3	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1
Chloromethane	74-87-3	94	ug/m3	1.02		0.119	0.413	1	1.22		0.119	0.413	1	1.4		0.119	0.413	1	1.43		0.119	0.413	1	1.01		0.119	0.413	1	1.19		0.119	0.413	1
Cyclohexane	110-82-7	6300	ug/m3	0.275	J	0.251	0.688	1	0.857		0.251	0.688	1	1.27		0.251	0.688	1	0.644	J	0.251	0.688	1	0.571	J	0.251	0.688	1	0.63	J	0.251	0.688	1
Dibromochloromethane	124-48-1	NS	ug/m3	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1
Dichlorodifluoromethane	75-71-8	100	ug/m3	2.31		0.374	0.989	1	2.49		0.374	0.989	1	2.49		0.374	0.989	1	2.78		0.374	0.989	1	2.22		0.374	0.989	1	2.32		0.374	0.989	1
Ethylbenzene	100-41-4	11	ug/m3	ND	U	0.25	0.869	1	0.295	J	0.25	0.869	1	0.387	J	0.25	0.869	1	0.291	J	0.25	0.869	1	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1
Isopropanol	67-63-0	210	ug/m3	1	J	0.669	2.46	1	1.88	J	0.669	2.46	1	2.58		0.669	2.46	1	2.18	J	0.669	2.46	1	1.86	J	0.669	2.46	1	3.22		0.669	2.46	1
Isopropylbenzene (Cumene)	98-82-8	420	ug/m3	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1
M,P-Xylene	179601-23-1	NS	ug/m3	ND	U	0.543	1.74	1	2.12		0.543	1.74	1	1.49	J	0.543	1.74	1	0.764	J	0.543	1.74	1	ND	U	0.543	1.74	1	1.14	J	0.543	1.74	1
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	3100	ug/m3	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1
Methyl Methacrylate	80-62-6	730	ug/m3	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	2.59		0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	17		0.925	2.05	1
Methylene Chloride	75-09-2	630	ug/m3	ND	U	0.434	1.74	1	0.455	J	0.434	1.74	1	0.504	J	0.434	1.74	1	ND	U	0.434	1.74	1	ND	U	0.434	1.74	1	0.466	J	0.434	1.74	1
Naphthalene	91-20-3	0.83	ug/m3	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1
n-Hexane	110-54-3	730	ug/m3	0.948		0.262	0.705	1	4.9		0.262	0.705	1	5.04		0.262	0.705	1	2.46		0.262	0.705	1	2.05		0.262	0.705	1	2.26		0.262	0.705	1
o-Xylene (1,2-Dimethylbenzene)	95-47-6	100	ug/m3	ND	U	0.27	0.869	1	0.517	J	0.27	0.869	1	0.582	J	0.27	0.869	1	0.321	J	0.27	0.869	1	ND	U	0.27	0.869	1	0.274	J	0.27	0.869	1
Styrene	100-42-5	1000	ug/m3	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	110	ug/m3	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1
Tetrachloroethene (PCE)	127-18-4	42	ug/m3	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1
Tetrahydrofuran	109-99-9	2100	ug/m3	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1
Toluene	108-88-3	5200	ug/m3	0.791		0.327	0.754	1	3.01		0.327	0.754	1	4.41		0.327	0.754	1	2.26		0.327	0.754	1	1.33		0.327	0.754	1	2.69		0.327	0.754	1
Total Xylenes	1330-20-7	100	ug/m3	ND	U	0.27	0.869	1	2.64	J	0.27	0.869	1	2.07	J	0.27	0.869	1	1.09	J	0.27	0.869	1	ND	U	0.27	0.869	1	1.41	J	0.27	0.869	1
Trans-1,2-Dichloroethene	156-60-5	42	ug/m3	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1
Trichloroethene (TCE)	79-01-6	2.1	ug/m3	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	0.747	J	0.295	1.07	1	ND	U	0.295	1.07	1	0.876	J	0.295	1.07	1	0.575	J	0.295	1.07	1
Trichlorofluoromethane	75-69-4	NS	ug/m3	1.18		0.442	1.12	1	1.25		0.442	1.12	1	1.21		0.442	1.12	1	1.42		0.442	1.12	1	1.11	J	0.442	1.12	1	1.17		0.442	1.12	1
Vinyl Chloride	75-01-4	1.7	ug/m3	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1

See notes on last page.

Table 6
Perimeter Fenceline Air Results: May 27 - August 28, 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project #220240201

Analyte	CAS Number	EPA RSLs for Resident Air (THQ=1.0, TCR=1E-05)	Location	AA-4					AA-4					AA-4					AA-4					AA-4					AA-4				
			Sample Name	AA-4_20260722					AA-4_20260723					AA-4_20260724					AA-4_20260727					AA-4_20260728					AA-4_20260729				
			Sample Date	07/22/2026					07/23/2026					07/24/2026					07/27/2026					07/28/2026					07/29/2026				
			Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds																																
1,1,1-Trichloroethane	71-55-6	5200	ug/m3	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1
1,1,2,2-Tetrachloroethane	79-34-5	0.48	ug/m3	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5200	ug/m3	0.621	J	0.388	1.53	1	0.483	J	0.388	1.53	1	0.506	J	0.388	1.53	1	0.521	J	0.388	1.53	1	0.69	J	0.388	1.53	1	0.606	J	0.388	1.53	1
1,1,2-Trichloroethane	79-00-5	0.21	ug/m3	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1
1,1-Dichloroethane	75-34-3	18	ug/m3	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1
1,1-Dichloroethene	75-35-4	4.1	ug/m3	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1
1,2,4-Trichlorobenzene	120-82-1	2.1	ug/m3	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1
1,2,4-Trimethylbenzene	95-63-6	63	ug/m3	ND	U	0.284	0.983	1	0.339	J	0.284	0.983	1	ND	U	0.284	0.983	1	0.329	J	0.284	0.983	1	ND	U	0.284	0.983	1	ND	U	0.284	0.983	1
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.047	ug/m3	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1
1,2-Dichlorobenzene	95-50-1	210	ug/m3	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1
1,2-Dichloroethane	107-06-2	1.1	ug/m3	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1
1,2-Dichloropropane	78-87-5	4.2	ug/m3	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	63	ug/m3	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1
1,3-Butadiene	106-99-0	0.94	ug/m3	0.21	J	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1
1,3-Dichloropropane	142-28-9	NS	ug/m3	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1
1,4-Dichlorobenzene	106-46-7	2.6	ug/m3	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1
1,4-Dioxane (P-Dioxane)	123-91-1	5.6	ug/m3	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1
Acetone	67-64-1	NS	ug/m3	2.78		1.22	2.38	1	2.61		1.22	2.38	1	4.18		1.22	2.38	1	14.3		1.22	2.38	1	12		1.22	2.38	1	2.49		1.22	2.38	1
Acrolein	107-02-8	0.021	ug/m3	**0.16**		*0.089*	*0.115*	1	**0.11**	J	*0.089*	*0.115*	1	**0.204**		*0.089*	*0.115*	1	**0.222**		*0.089*	*0.115*	1	**0.165**		*0.089*	*0.115*	1	**0.436**		*0.089*	*0.115*	1
Acrylonitrile	107-13-1	0.41	ug/m3	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	0.378	J	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1
Allyl Chloride (3-Chloropropene)	107-05-1	1	ug/m3	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1
Benzene	71-43-2	3.6	ug/m3	0.942		0.205	0.639	1	1.7		0.205	0.639	1	0.668		0.205	0.639	1	1.25		0.205	0.639	1	0.438	J	0.205	0.639	1	0.933		0.205	0.639	1
Benzyl Chloride	100-44-7	0.57	ug/m3	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1
Bromodichloromethane	75-27-4	0.76	ug/m3	0.114	J	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1
Bromoethene	593-60-2	1.9	ug/m3	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1
Bromoform	75-25-2	26	ug/m3	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1
Bromomethane	74-83-9	5.2	ug/m3	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1
Carbon Disulfide	75-15-0	730	ug/m3	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	0.168	J	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1
Carbon Tetrachloride	56-23-5	4.7	ug/m3	0.484	J	0.432	1.26	1	ND	U	0.432	1.26	1	ND	U	0.432	1.26	1	0.566	J	0.432	1.26	1	0.503	J	0.432	1.26	1	0.535	J	0.432	1.26	1
Chlorobenzene	108-90-7	52	ug/m3	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1
Chloroethane	75-00-3	4200	ug/m3	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1
Chloroform	67-66-3	1.2	ug/m3	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1
Chloromethane	74-87-3	94	ug/m3	1.19		0.119	0.413	1	0.956		0.119	0.413	1	0.971		0.119	0.413	1	1.07		0.119	0.413	1	1.53		0.119	0.413	1	1.33		0.119	0.413	1
Cyclohexane	110-82-7	6300	ug/m3	0.83		0.251	0.688	1	1.65		0.251	0.688	1	0.809		0.251	0.688	1	0.905		0.251	0.688	1	ND	U	0.251	0.688	1	0.754		0.251	0.688	1
Dibromochloromethane	124-48-1	NS	ug/m3	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1
Dichlorodifluoromethane	75-71-8	100	ug/m3	2.49		0.374	0.989	1	2.14		0.374	0.989	1	2.19		0.374	0.989	1	2.7		0.374	0.989	1	2.6		0.374	0.989	1	2.67		0.374	0.989	1
Ethylbenzene	100-41-4	11	ug/m3	ND	U	0.25	0.869	1	0.33	J	0.25	0.869	1	ND	U	0.25	0.869	1	0.274	J	0.25	0.869	1	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1
Isopropanol	67-63-0	210	ug/m3	ND	U	0.669	2.46	1	0.932	J	0.669	2.46	1	1.22	J	0.669	2.46	1	11.9		0.669	2.46	1	1.24	J	0.669	2.46	1	2.61		0.669	2.46	1
Isopropylbenzene (Cumene)	98-82-8	420	ug/m3	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	0.442	J	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1
M,P-Xylene	179601-23-1	NS	ug/m3	0.595	J	0.543	1.74	1	1.72	J	0.543	1.74	1	0.864	J	0.543	1.74	1	1.5	J	0.543	1.74	1	ND	U	0.543	1.74	1	1.14	J	0.543	1.74	1
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	3100	ug/m3	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1
Methyl Methacrylate	80-62-6	730	ug/m3	ND	U	0.925	2.05	1	4.83		0.925	2.05	1	ND	U	0.925	2.05	1	34.8		0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1
Methylene Chloride	75-09-2	630	ug/m3	0.469	J	0.434	1.74	1	ND	U	0.434	1.74	1	ND	U	0.434	1.74	1	0.507	J	0.434	1.74	1	ND	U	0.434	1.74	1	0.462	J	0.434	1.74	1
Naphthalene	91-20-3	0.83	ug/m3	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1
n-Hexane	110-54-3	730	ug/m3	2.6		0.262	0.705	1	6.84		0.262	0.705	1	2.65		0.262	0.705	1	5.08		0.262	0.705	1	1		0.262	0.705	1	3.07		0.262	0.705	1
o-Xylene (1,2-Dimethylbenzene)	95-47-6	100	ug/m3	ND	U	0.27	0.869	1	0.534	J	0.27	0.869	1	0.326	J	0.27	0.869	1	0.374	J	0.27	0.869	1	ND	U	0.27	0.869	1	0.317	J	0.27	0.869	1
Styrene	100-42-5	1000	ug/m3	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	0.332	J	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	110	ug/m3	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1
Tetrachloroethene (PCE)	127-18-4	42	ug/m3	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1
Tetrahydrofuran	109-99-9	2100	ug/m3	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1
Toluene	108-88-3	5200	ug/m3	1.64		0.327	0.754	1	4.48		0.327	0.754	1	2.11		0.327	0.754	1	3.76		0.327	0.754	1	0.965		0.327	0.754	1	2.08		0.327	0.754	1
Total Xylenes	1330-20-7	100	ug/m3	0.595	J	0.27	0.869	1	2.25	J	0.27	0.869	1	1.19	J	0.27	0.869	1	1.87	J	0.27	0.869	1	ND	U	0.27	0.869	1	1.46	J	0.27	0.869	1
Trans-1,2-Dichloroethene	156-60-5	42	ug/m3	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1
Trichloroethene (TCE)	79-01-6	2.1	ug/m3	ND	U	0.295	1.07	1	0.462	J	0.295	1.07	1	0.58	J	0.295	1.07	1	0.951	J	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1
Trichlorofluoromethane	75-69-4	NS	ug/m3	1.31		0.442	1.12	1	1.1	J	0.442	1.12	1	1.13		0.442	1.12	1	1.34		0.442	1.12	1	1.39		0.442	1.12	1	1.44		0.442	1.12	1
Vinyl Chloride	75-01-4	1.7	ug/m3	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1

See notes on last page.

Table 6
Perimeter Fenceline Air Results: May 27 - August 28, 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project #220240201

Analyte	CAS Number	EPA RSLs for Resident Air (THQ=1.0, TCR=1E-05)	Location	AA-4					AA-4					AA-4					AA-4					AA-4					AA-4				
			Sample Name	AA-4_20260730					AA-4_20260731					AA-4_20260803					AA-4_20260804					AA-4_20260805					AA-4_20260806				
			Sample Date	07/30/2026					07/31/2026					08/03/2026					08/04/2026					08/05/2026					08/06/2026				
			Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds																																
1,1,1-Trichloroethane	71-55-6	5200	ug/m3	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1
1,1,2,2-Tetrachloroethane	79-34-5	0.48	ug/m3	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5200	ug/m3	0.667	J	0.388	1.53	1	0.606	J	0.388	1.53	1	0.667	J	0.388	1.53	1	0.69	J	0.388	1.53	1	0.46	J	0.388	1.53	1	0.429	J	0.388	1.53	1
1,1,2-Trichloroethane	79-00-5	0.21	ug/m3	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1
1,1-Dichloroethane	75-34-3	18	ug/m3	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1
1,1-Dichloroethene	75-35-4	4.1	ug/m3	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1
1,2,4-Trichlorobenzene	120-82-1	2.1	ug/m3	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1
1,2,4-Trimethylbenzene	95-63-6	63	ug/m3	0.329	J	0.284	0.983	1	0.428	J	0.284	0.983	1	ND	U	0.284	0.983	1	0.457	J	0.284	0.983	1	0.403	J	0.284	0.983	1	ND	U	0.284	0.983	1
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.047	ug/m3	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1
1,2-Dichlorobenzene	95-50-1	210	ug/m3	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1
1,2-Dichloroethane	107-06-2	1.1	ug/m3	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1
1,2-Dichloropropane	78-87-5	4.2	ug/m3	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	63	ug/m3	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1
1,3-Butadiene	106-99-0	0.94	ug/m3	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1
1,3-Dichloropropane	142-28-9	NS	ug/m3	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1
1,4-Dichlorobenzene	106-46-7	2.6	ug/m3	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1
1,4-Dioxane (P-Dioxane)	123-91-1	5.6	ug/m3	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1
Acetone	67-64-1	NS	ug/m3	ND	U	1.22	2.38	1	ND	U	1.22	2.38	1	9.5		1.22	2.38	1	ND	U	1.22	2.38	1	6.18		1.22	2.38	1	8.41		1.22	2.38	1
Acrolein	107-02-8	0.021	ug/m3	**0.151**		*0.089*	*0.115*	1	**0.202**		*0.089*	*0.115*	1	**0.697**		*0.089*	*0.115*	1	**0.172**		*0.089*	*0.115*	1	**0.271**		*0.089*	*0.115*	1	**0.238**		*0.089*	*0.115*	1
Acrylonitrile	107-13-1	0.41	ug/m3	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1
Allyl Chloride (3-Chloropropene)	107-05-1	1	ug/m3	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1
Benzene	71-43-2	3.6	ug/m3	1.19		0.205	0.639	1	2.04		0.205	0.639	1	0.997		0.205	0.639	1	1.74		0.205	0.639	1	1.03		0.205	0.639	1	0.518	J	0.205	0.639	1
Benzyl Chloride	100-44-7	0.57	ug/m3	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1
Bromodichloromethane	75-27-4	0.76	ug/m3	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1
Bromoethene	593-60-2	1.9	ug/m3	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1
Bromoform	75-25-2	26	ug/m3	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1
Bromomethane	74-83-9	5.2	ug/m3	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1
Carbon Disulfide	75-15-0	730	ug/m3	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1
Carbon Tetrachloride	56-23-5	4.7	ug/m3	0.554	J	0.432	1.26	1	0.547	J	0.432	1.26	1	0.541	J	0.432	1.26	1	0.528	J	0.432	1.26	1	0.459	J	0.432	1.26	1	0.503	J	0.432	1.26	1
Chlorobenzene	108-90-7	52	ug/m3	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1
Chloroethane	75-00-3	4200	ug/m3	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1
Chloroform	67-66-3	1.2	ug/m3	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1
Chloromethane	74-87-3	94	ug/m3	1.38		0.119	0.413	1	1.39		0.119	0.413	1	1.57		0.119	0.413	1	1.39		0.119	0.413	1	1.09		0.119	0.413	1	1.33		0.119	0.413	1
Cyclohexane	110-82-7	6300	ug/m3	1.19		0.251	0.688	1	2.11		0.251	0.688	1	0.854		0.251	0.688	1	1.79		0.251	0.688	1	0.991		0.251	0.688	1	0.427	J	0.251	0.688	1
Dibromochloromethane	124-48-1	NS	ug/m3	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1
Dichlorodifluoromethane	75-71-8	100	ug/m3	2.72		0.374	0.989	1	2.64		0.374	0.989	1	2.65		0.374	0.989	1	2.76		0.374	0.989	1	2.37		0.374	0.989	1	2.37		0.374	0.989	1
Ethylbenzene	100-41-4	11	ug/m3	ND	U	0.25	0.869	1	0.465	J	0.25	0.869	1	0.265	J	0.25	0.869	1	0.443	J	0.25	0.869	1	0.404	J	0.25	0.869	1	ND	U	0.25	0.869	1
Isopropanol	67-63-0	210	ug/m3	1.5	J	0.669	2.46	1	12.1		0.669	2.46	1	1.21	J	0.669	2.46	1	2.22	J	0.669	2.46	1	1.61	J	0.669	2.46	1	4.25		0.669	2.46	1
Isopropylbenzene (Cumene)	98-82-8	420	ug/m3	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1
M,P-Xylene	179601-23-1	NS	ug/m3	0.977	J	0.543	1.74	1	1.89		0.543	1.74	1	0.938	J	0.543	1.74	1	1.75		0.543	1.74	1	1.56	J	0.543	1.74	1	ND	U	0.543	1.74	1
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	3100	ug/m3	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1
Methyl Methacrylate	80-62-6	730	ug/m3	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1
Methylene Chloride	75-09-2	630	ug/m3	0.445	J	0.434	1.74	1	ND	U	0.434	1.74	1	ND	U	0.434	1.74	1	0.479	J	0.434	1.74	1	ND	U	0.434	1.74	1	ND	U	0.434	1.74	1
Naphthalene	91-20-3	0.83	ug/m3	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1
n-Hexane	110-54-3	730	ug/m3	3.95		0.262	0.705	1	6.84		0.262	0.705	1	2.64		0.262	0.705	1	5.43		0.262	0.705	1	3.52		0.262	0.705	1	2.76		0.262	0.705	1
o-Xylene (1,2-Dimethylbenzene)	95-47-6	100	ug/m3	0.378	J	0.27	0.869	1	0.647	J	0.27	0.869	1	0.343	J	0.27	0.869	1	0.63	J	0.27	0.869	1	0.599	J	0.27	0.869	1	ND	U	0.27	0.869	1
Styrene	100-42-5	1000	ug/m3	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	110	ug/m3	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1
Tetrachloroethene (PCE)	127-18-4	42	ug/m3	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1
Tetrahydrofuran	109-99-9	2100	ug/m3	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1
Toluene	108-88-3	5200	ug/m3	2.48		0.327	0.754	1	4.79		0.327	0.754	1	1.88		0.327	0.754	1	4.37		0.327	0.754	1	3.96		0.327	0.754	1	1.07		0.327	0.754	1
Total Xylenes	1330-20-7	100	ug/m3	1.36	J	0.27	0.869	1	2.54	J	0.27	0.869	1	1.28	J	0.27	0.869	1	2.38	J	0.27	0.869	1	2.16	J	0.27	0.869	1	ND	U	0.27	0.869	1
Trans-1,2-Dichloroethene	156-60-5	42	ug/m3	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1
Trichloroethene (TCE)	79-01-6	2.1	ug/m3	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	1.1		0.295	1.07	1	ND	U	0.295	1.07	1	0.548	J	0.295	1.07	1	ND	U	0.295	1.07	1
Trichlorofluoromethane	75-69-4	NS	ug/m3	1.47		0.442	1.12	1	1.38		0.442	1.12	1	1.48		0.442	1.12	1	1.5		0.442	1.12	1	1.12		0.442	1.12	1	1.06	J	0.442	1.12	1
Vinyl Chloride	75-01-4	1.7	ug/m3	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1

See notes on last page.

Table 6
Perimeter Fenceline Air Results: May 27 - August 28, 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project #220240201

Analyte	CAS Number	EPA RSLs for Resident Air (THQ=1.0, TCR=1E-05)	Location	AA-4					AA-4					AA-4					AA-4					AA-4					AA-4				
			Sample Name	AA-4_20260807					AA-4_20260810					AA-4_20260811					AA-4_20260812					AA-4_20260813					AA-4_20260814				
			Sample Date	08/07/2026					08/10/2026					08/11/2026					08/12/2026					08/13/2026					08/14/2026				
			Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds																																
1,1,1-Trichloroethane	71-55-6	5200	ug/m3	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1
1,1,2,2-Tetrachloroethane	79-34-5	0.48	ug/m3	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5200	ug/m3	0.59	J	0.388	1.53	1	0.445	J	0.388	1.53	1	0.491	J	0.388	1.53	1	0.552	J	0.388	1.53	1	0.667	J	0.388	1.53	1	0.552	J	0.388	1.53	1
1,1,2-Trichloroethane	79-00-5	0.21	ug/m3	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1
1,1-Dichloroethane	75-34-3	18	ug/m3	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1
1,1-Dichloroethene	75-35-4	4.1	ug/m3	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1
1,2,4-Trichlorobenzene	120-82-1	2.1	ug/m3	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1
1,2,4-Trimethylbenzene	95-63-6	63	ug/m3	0.32	J	0.284	0.983	1	ND	U	0.284	0.983	1	ND	U	0.284	0.983	1	0.344	J	0.284	0.983	1	ND	U	0.284	0.983	1	ND	U	0.284	0.983	1
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.047	ug/m3	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1
1,2-Dichlorobenzene	95-50-1	210	ug/m3	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1
1,2-Dichloroethane	107-06-2	1.1	ug/m3	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1
1,2-Dichloropropane	78-87-5	4.2	ug/m3	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	63	ug/m3	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1
1,3-Butadiene	106-99-0	0.94	ug/m3	0.294	J	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1
1,3-Dichloropropane	142-28-9	NS	ug/m3	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1
1,4-Dichlorobenzene	106-46-7	2.6	ug/m3	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1
1,4-Dioxane (P-Dioxane)	123-91-1	5.6	ug/m3	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1
Acetone	67-64-1	NS	ug/m3	ND	U	1.22	2.38	1	7.72		1.22	2.38	1	6.72		1.22	2.38	1	9.31		1.22	2.38	1	11.6		1.22	2.38	1	7.17		1.22	2.38	1
Acrolein	107-02-8	0.021	ug/m3	**0.222**		*0.089*	*0.115*	1	**0.19**		*0.089*	*0.115*	1	**0.213**		*0.089*	*0.115*	1	**0.154**		*0.089*	*0.115*	1	**0.404**		*0.089*	*0.115*	1	**0.236**		*0.089*	*0.115*	1
Acrylonitrile	107-13-1	0.41	ug/m3	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1
Allyl Chloride (3-Chloropropene)	107-05-1	1	ug/m3	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1
Benzene	71-43-2	3.6	ug/m3	1.04		0.205	0.639	1	0.53	J	0.205	0.639	1	0.949		0.205	0.639	1	1.11		0.205	0.639	1	0.716		0.205	0.639	1	1.03		0.205	0.639	1
Benzyl Chloride	100-44-7	0.57	ug/m3	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1
Bromodichloromethane	75-27-4	0.76	ug/m3	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1
Bromoethene	593-60-2	1.9	ug/m3	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1
Bromoform	75-25-2	26	ug/m3	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1
Bromomethane	74-83-9	5.2	ug/m3	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1
Carbon Disulfide	75-15-0	730	ug/m3	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1
Carbon Tetrachloride	56-23-5	4.7	ug/m3	0.522	J	0.432	1.26	1	0.478	J	0.432	1.26	1	0.528	J	0.432	1.26	1	0.635	J	0.432	1.26	1	0.547	J	0.432	1.26	1	ND	U	0.432	1.26	1
Chlorobenzene	108-90-7	52	ug/m3	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1
Chloroethane	75-00-3	4200	ug/m3	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1
Chloroform	67-66-3	1.2	ug/m3	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1
Chloromethane	74-87-3	94	ug/m3	1.43		0.119	0.413	1	1.27		0.119	0.413	1	1.37		0.119	0.413	1	1.09		0.119	0.413	1	1.48		0.119	0.413	1	1.25		0.119	0.413	1
Cyclohexane	110-82-7	6300	ug/m3	1.09		0.251	0.688	1	0.447	J	0.251	0.688	1	0.578	J	0.251	0.688	1	0.864		0.251	0.688	1	0.492	J	0.251	0.688	1	0.957		0.251	0.688	1
Dibromochloromethane	124-48-1	NS	ug/m3	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1
Dichlorodifluoromethane	75-71-8	100	ug/m3	2.76		0.374	0.989	1	2.4		0.374	0.989	1	2.63		0.374	0.989	1	2.94		0.374	0.989	1	2.92		0.374	0.989	1	2.34		0.374	0.989	1
Ethylbenzene	100-41-4	11	ug/m3	0.308	J	0.25	0.869	1	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1	0.261	J	0.25	0.869	1	ND	U	0.25	0.869	1	0.261	J	0.25	0.869	1
Isopropanol	67-63-0	210	ug/m3	1.61	J	0.669	2.46	1	3.47		0.669	2.46	1	4.2		0.669	2.46	1	1.19	J	0.669	2.46	1	1.75	J	0.669	2.46	1	3.05		0.669	2.46	1
Isopropylbenzene (Cumene)	98-82-8	420	ug/m3	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1
M,P-Xylene	179601-23-1	NS	ug/m3	1.06	J	0.543	1.74	1	0.621	J	0.543	1.74	1	0.556	J	0.543	1.74	1	1.43	J	0.543	1.74	1	0.543	J	0.543	1.74	1	0.825	J	0.543	1.74	1
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	3100	ug/m3	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1
Methyl Methacrylate	80-62-6	730	ug/m3	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	1.32	J	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1
Methylene Chloride	75-09-2	630	ug/m3	ND	U	0.434	1.74	1	ND	U	0.434	1.74	1	0.455	J	0.434	1.74	1	ND	U	0.434	1.74	1	0.493	J	0.434	1.74	1	ND	U	0.434	1.74	1
Naphthalene	91-20-3	0.83	ug/m3	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1
n-Hexane	110-54-3	730	ug/m3	3.42		0.262	0.705	1	1.58		0.262	0.705	1	2.11		0.262	0.705	1	3.91		0.262	0.705	1	1.92		0.262	0.705	1	3.56		0.262	0.705	1
o-Xylene (1,2-Dimethylbenzene)	95-47-6	100	ug/m3	0.404	J	0.27	0.869	1	ND	U	0.27	0.869	1	ND	U	0.27	0.869	1	0.391	J	0.27	0.869	1	ND	U	0.27	0.869	1	0.308	J	0.27	0.869	1
Styrene	100-42-5	1000	ug/m3	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	110	ug/m3	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1
Tetrachloroethene (PCE)	127-18-4	42	ug/m3	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1
Tetrahydrofuran	109-99-9	2100	ug/m3	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1
Toluene	108-88-3	5200	ug/m3	2.69		0.327	0.754	1	0.95		0.327	0.754	1	1.84		0.327	0.754	1	3.37		0.327	0.754	1	1.21		0.327	0.754	1	2.01		0.327	0.754	1
Total Xylenes	1330-20-7	100	ug/m3	1.46	J	0.27	0.869	1	0.621	J	0.27	0.869	1	0.556	J	0.27	0.869	1	1.82	J	0.27	0.869	1	0.543	J	0.27	0.869	1	1.13	J	0.27	0.869	1
Trans-1,2-Dichloroethene	156-60-5	42	ug/m3	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1
Trichloroethene (TCE)	79-01-6	2.1	ug/m3	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	0.559	J	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1
Trichlorofluoromethane	75-69-4	NS	ug/m3	1.53		0.442	1.12	1	1.14		0.442	1.12	1	1.23		0.442	1.12	1	1.46		0.442	1.12	1	1.6		0.442	1.12	1	1.21		0.442	1.12	1
Vinyl Chloride	75-01-4	1.7	ug/m3	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1

See notes on last page.

Table 6
Perimeter Fenceline Air Results: May 27 - August 28, 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project #220240201

Analyte	CAS Number	EPA RSLs for Resident Air (THQ=1.0, TCR=1E-05)	Location	AA-4					AA-4					AA-4					AA-4					AA-4					AA-4				
			Sample Name	AA-4_20260817					AA-4_20260818					AA-4_20260819					AA-4_20260820					AA-4_20260821					AA-4_20260824				
			Sample Date	08/17/2026					08/18/2026					08/19/2026					08/20/2026					08/21/2026					08/24/2026				
			Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds																																
1,1,1-Trichloroethane	71-55-6	5200	ug/m3	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1
1,1,2,2-Tetrachloroethane	79-34-5	0.48	ug/m3	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5200	ug/m3	0.475	J	0.388	1.53	1	0.483	J	0.388	1.53	1	0.46	J	0.388	1.53	1	0.521	J	0.388	1.53	1	0.514	J	0.388	1.53	1	0.537	J	0.388	1.53	1
1,1,2-Trichloroethane	79-00-5	0.21	ug/m3	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1
1,1-Dichloroethane	75-34-3	18	ug/m3	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1
1,1-Dichloroethene	75-35-4	4.1	ug/m3	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1
1,2,4-Trichlorobenzene	120-82-1	2.1	ug/m3	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1
1,2,4-Trimethylbenzene	95-63-6	63	ug/m3	ND	U	0.284	0.983	1	ND	U	0.284	0.983	1	0.285	J	0.284	0.983	1	ND	U	0.284	0.983	1	ND	U	0.284	0.983	1	ND	U	0.284	0.983	1
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.047	ug/m3	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1
1,2-Dichlorobenzene	95-50-1	210	ug/m3	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1
1,2-Dichloroethane	107-06-2	1.1	ug/m3	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1
1,2-Dichloropropane	78-87-5	4.2	ug/m3	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	63	ug/m3	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1
1,3-Butadiene	106-99-0	0.94	ug/m3	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1
1,3-Dichloropropane	142-28-9	NS	ug/m3	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1
1,4-Dichlorobenzene	106-46-7	2.6	ug/m3	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1
1,4-Dioxane (P-Dioxane)	123-91-1	5.6	ug/m3	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1
Acetone	67-64-1	NS	ug/m3	9.36		1.22	2.38	1	2.13	J	1.22	2.38	1	8.72		1.22	2.38	1	4.99		1.22	2.38	1	ND	U	1.22	2.38	1	ND	U	1.22	2.38	1
Acrolein	107-02-8	0.021	ug/m3	**0.578**		*0.089*	*0.115*	1	**0.144**		*0.089*	*0.115*	1	**0.238**		*0.089*	*0.115*	1	**0.172**		*0.089*	*0.115*	1	**0.154**		*0.089*	*0.115*	1	**0.126**		*0.089*	*0.115*	1
Acrylonitrile	107-13-1	0.41	ug/m3	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1
Allyl Chloride (3-Chloropropene)	107-05-1	1	ug/m3	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1
Benzene	71-43-2	3.6	ug/m3	0.856		0.205	0.639	1	1.61		0.205	0.639	1	0.581	J	0.205	0.639	1	1.34		0.205	0.639	1	2.73		0.205	0.639	1	0.85		0.205	0.639	1
Benzyl Chloride	100-44-7	0.57	ug/m3	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1
Bromodichloromethane	75-27-4	0.76	ug/m3	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1
Bromoethene	593-60-2	1.9	ug/m3	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1
Bromoform	75-25-2	26	ug/m3	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1
Bromomethane	74-83-9	5.2	ug/m3	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1
Carbon Disulfide	75-15-0	730	ug/m3	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1
Carbon Tetrachloride	56-23-5	4.7	ug/m3	ND	U	0.432	1.26	1	ND	U	0.432	1.26	1	ND	U	0.432	1.26	1	ND	U	0.432	1.26	1	ND	U	0.432	1.26	1	ND	U	0.432	1.26	1
Chlorobenzene	108-90-7	52	ug/m3	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1
Chloroethane	75-00-3	4200	ug/m3	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1
Chloroform	67-66-3	1.2	ug/m3	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1
Chloromethane	74-87-3	94	ug/m3	1.16		0.119	0.413	1	1.21		0.119	0.413	1	1.1		0.119	0.413	1	1.24		0.119	0.413	1	1.2		0.119	0.413	1	0.776		0.119	0.413	1
Cyclohexane	110-82-7	6300	ug/m3	0.664	J	0.251	0.688	1	1.42		0.251	0.688	1	0.654	J	0.251	0.688	1	1.11		0.251	0.688	1	2.43		0.251	0.688	1	1.15		0.251	0.688	1
Dibromochloromethane	124-48-1	NS	ug/m3	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1
Dichlorodifluoromethane	75-71-8	100	ug/m3	2.26		0.374	0.989	1	2.3		0.374	0.989	1	2.27		0.374	0.989	1	2.34		0.374	0.989	1	2.29		0.374	0.989	1	1.85		0.374	0.989	1
Ethylbenzene	100-41-4	11	ug/m3	ND	U	0.25	0.869	1	0.304	J	0.25	0.869	1	ND	U	0.25	0.869	1	0.278	J	0.25	0.869	1	0.395	J	0.25	0.869	1	ND	U	0.25	0.869	1
Isopropanol	67-63-0	210	ug/m3	0.914	J	0.669	2.46	1	1.76	J	0.669	2.46	1	5.21		0.669	2.46	1	0.973	J	0.669	2.46	1	0.998	J	0.669	2.46	1	ND	U	0.669	2.46	1
Isopropylbenzene (Cumene)	98-82-8	420	ug/m3	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1
M,P-Xylene	179601-23-1	NS	ug/m3	0.751	J	0.543	1.74	1	1.13	J	0.543	1.74	1	0.604	J	0.543	1.74	1	1.15	J	0.543	1.74	1	1.5	J	0.543	1.74	1	1.09	J	0.543	1.74	1
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	3100	ug/m3	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1
Methyl Methacrylate	80-62-6	730	ug/m3	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1
Methylene Chloride	75-09-2	630	ug/m3	ND	U	0.434	1.74	1	ND	U	0.434	1.74	1	ND	U	0.434	1.74	1	ND	U	0.434	1.74	1	ND	U	0.434	1.74	1	ND	U	0.434	1.74	1
Naphthalene	91-20-3	0.83	ug/m3	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	0.451		0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1	ND	U	0.11	0.262	1
n-Hexane	110-54-3	730	ug/m3	2.57		0.262	0.705	1	5.36		0.262	0.705	1	3.95		0.262	0.705	1	4.62		0.262	0.705	1	9.69		0.262	0.705	1	4.62		0.262	0.705	1
o-Xylene (1,2-Dimethylbenzene)	95-47-6	100	ug/m3	0.278	J	0.27	0.869	1	0.382	J	0.27	0.869	1	ND	U	0.27	0.869	1	0.347	J	0.27	0.869	1	0.513	J	0.27	0.869	1	0.295	J	0.27	0.869	1
Styrene	100-42-5	1000	ug/m3	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	110	ug/m3	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1
Tetrachloroethene (PCE)	127-18-4	42	ug/m3	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1
Tetrahydrofuran	109-99-9	2100	ug/m3	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1
Toluene	108-88-3	5200	ug/m3	1.95		0.327	0.754	1	3.12		0.327	0.754	1	1.32		0.327	0.754	1	2.69		0.327	0.754	1	4.79		0.327	0.754	1	1.75		0.327	0.754	1
Total Xylenes	1330-20-7	100	ug/m3	1.03	J	0.27	0.869	1	1.51	J	0.27	0.869	1	0.604	J	0.27	0.869	1	1.49	J	0.27	0.869	1	2.02	J	0.27	0.869	1	1.39	J	0.27	0.869	1
Trans-1,2-Dichloroethene	156-60-5	42	ug/m3	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1
Trichloroethene (TCE)	79-01-6	2.1	ug/m3	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1
Trichlorofluoromethane	75-69-4	NS	ug/m3	1.14		0.442	1.12	1	1.17		0.442	1.12	1	1.2		0.442	1.12	1	1.19		0.442	1.12	1	1.16		0.442	1.12	1	0.972	J	0.442	1.12	1
Vinyl Chloride	75-01-4	1.7	ug/m3	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1

See notes on last page.

Table 6
Perimeter Fenceline Air Results: May 27 - August 28, 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project #220240201

Analyte	CAS Number	EPA RSLs for Resident Air (THQ=1.0, TCR=1E-05)	Location	AA-4					AA-4					AA-4				
			Sample Name	AA-4_20260825					AA-4_20260826					AA-4_20260828				
			Sample Date	08/25/2026					08/26/2026					08/28/2026				
			Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds																		
1,1,1-Trichloroethane	71-55-6	5200	ug/m3	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1
1,1,2,2-Tetrachloroethane	79-34-5	0.48	ug/m3	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1	ND	U	0.046	0.137	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5200	ug/m3	0.483	J	0.388	1.53	1	0.567	J	0.388	1.53	1	0.667	J	0.388	1.53	1
1,1,2-Trichloroethane	79-00-5	0.21	ug/m3	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1	ND	U	0.053	0.109	1
1,1-Dichloroethane	75-34-3	18	ug/m3	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1
1,1-Dichloroethene	75-35-4	4.1	ug/m3	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1
1,2,4-Trichlorobenzene	120-82-1	2.1	ug/m3	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1
1,2,4-Trimethylbenzene	95-63-6	63	ug/m3	ND	U	0.284	0.983	1	ND	U	0.284	0.983	1	0.944	J	0.284	0.983	1
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.047	ug/m3	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1
1,2-Dichlorobenzene	95-50-1	210	ug/m3	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1
1,2-Dichloroethane	107-06-2	1.1	ug/m3	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1	ND	U	0.319	0.809	1
1,2-Dichloropropane	78-87-5	4.2	ug/m3	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1	ND	U	0.292	0.924	1
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	63	ug/m3	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1
1,3-Butadiene	106-99-0	0.94	ug/m3	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1
1,3-Dichloropropane	142-28-9	NS	ug/m3	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1
1,4-Dichlorobenzene	106-46-7	2.6	ug/m3	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1
1,4-Dioxane (P-Dioxane)	123-91-1	5.6	ug/m3	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1	ND	U	0.194	0.721	1
Acetone	67-64-1	NS	ug/m3	ND	U	1.22	2.38	1	12.2		1.22	2.38	1	6.08		1.22	2.38	1
Acrolein	107-02-8	0.021	ug/m3	**0.158**		*0.089*	*0.115*	1	**0.422**		*0.089*	*0.115*	1	**0.209**		*0.089*	*0.115*	1
Acrylonitrile	107-13-1	0.41	ug/m3	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1	ND	U	0.352	*1.09*	1
Allyl Chloride (3-Chloropropene)	107-05-1	1	ug/m3	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1
Benzene	71-43-2	3.6	ug/m3	0.773		0.205	0.639	1	0.62	J	0.205	0.639	1	2.72		0.205	0.639	1
Benzyl Chloride	100-44-7	0.57	ug/m3	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1	ND	U	0.172	0.518	1
Bromodichloromethane	75-27-4	0.76	ug/m3	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1	ND	U	0.05	0.134	1
Bromoethene	593-60-2	1.9	ug/m3	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1
Bromoform	75-25-2	26	ug/m3	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1
Bromomethane	74-83-9	5.2	ug/m3	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1
Carbon Disulfide	75-15-0	730	ug/m3	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1	ND	U	0.145	0.623	1
Carbon Tetrachloride	56-23-5	4.7	ug/m3	ND	U	0.432	1.26	1	ND	U	0.432	1.26	1	0.447	J	0.432	1.26	1
Chlorobenzene	108-90-7	52	ug/m3	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1
Chloroethane	75-00-3	4200	ug/m3	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1
Chloroform	67-66-3	1.2	ug/m3	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1	ND	U	0.27	0.977	1
Chloromethane	74-87-3	94	ug/m3	1.05		0.119	0.413	1	1.1		0.119	0.413	1	1.22		0.119	0.413	1
Cyclohexane	110-82-7	6300	ug/m3	0.919		0.251	0.688	1	0.585	J	0.251	0.688	1	2.62		0.251	0.688	1
Dibromochloromethane	124-48-1	NS	ug/m3	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1
Dichlorodifluoromethane	75-71-8	100	ug/m3	2.49		0.374	0.989	1	2.3		0.374	0.989	1	2.8		0.374	0.989	1
Ethylbenzene	100-41-4	11	ug/m3	ND	U	0.25	0.869	1	ND	U	0.25	0.869	1	0.678	J	0.25	0.869	1
Isopropanol	67-63-0	210	ug/m3	1.25	J	0.669	2.46	1	1.09	J	0.669	2.46	1	1.72	J	0.669	2.46	1
Isopropylbenzene (Cumene)	98-82-8	420	ug/m3	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1
M,P-Xylene	179601-23-1	NS	ug/m3	0.83	J	0.543	1.74	1	0.639	J	0.543	1.74	1	2.58		0.543	1.74	1
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	3100	ug/m3	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1
Methyl Methacrylate	80-62-6	730	ug/m3	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1
Methylene Chloride	75-09-2	630	ug/m3	ND	U	0.434	1.74	1	ND	U	0.434	1.74	1	ND	U	0.434	1.74	1
Naphthalene	91-20-3	0.83	ug/m3	ND	U	0.11	0.262	1	0.136	J	0.11	0.262	1	ND	U	0.11	0.262	1
n-Hexane	110-54-3	730	ug/m3	3.08		0.262	0.705	1	1.91		0.262	0.705	1	9.2		0.262	0.705	1
o-Xylene (1,2-Dimethylbenzene)	95-47-6	100	ug/m3	0.33	J	0.27	0.869	1	ND	U	0.27	0.869	1	0.977		0.27	0.869	1
Styrene	100-42-5	1000	ug/m3	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1	ND	U	0.254	0.852	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	110	ug/m3	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1
Tetrachloroethene (PCE)	127-18-4	42	ug/m3	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1	ND	U	0.425	1.36	1
Tetrahydrofuran	109-99-9	2100	ug/m3	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1	ND	U	0.345	1.47	1
Toluene	108-88-3	5200	ug/m3	1.91		0.327	0.754	1	1.39		0.327	0.754	1	7.27		0.327	0.754	1
Total Xylenes	1330-20-7	100	ug/m3	1.16	J	0.27	0.869	1	0.639	J	0.27	0.869	1	3.55		0.27	0.869	1
Trans-1,2-Dichloroethene	156-60-5	42	ug/m3	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1
Trichloroethene (TCE)	79-01-6	2.1	ug/m3	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1
Trichlorofluoromethane	75-69-4	NS	ug/m3	1.17		0.442	1.12	1	1.15		0.442	1.12	1	1.49		0.442	1.12	1
Vinyl Chloride	75-01-4	1.7	ug/m3	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1

See notes on last page.

Table 6
Perimeter Fenceline Air Results: May 27 - August 28, 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project #220240201

Notes:
Air results were compared to EPA RSLs for Resident Air (THQ=1.0, TCR=1E-05) (November 2024)
EPA - Environmental Protection Agency
RSL - Regional Screening Levels
THQ - Target Hazard quotients
TCR - Target Cancer Risk
CAS - Chemical Abstract Service
NS - No standard
NA - Not analyzed
ug/m3 - Micrograms per cubic meter
ND - Not detected
Q - Qualifier
MDL - Method detection limit
RL - Reporting Limit
DF - Dilution factor

Qualifiers:
J – The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
U – The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

Exceedance Summary:
10 - Result exceeds EPA RSLs for Resident Air (THQ=1.0, TCR=1E-05)
10 - MDL exceeds screening level