REVISED 3RD QUARTERLY REMEDIAL ACTION PROGRESS REPORT

for

MIPC Chelsea Facility
PADEP Facility ID No. 634737
920 Cherry Tree Road
Bethel Township, Upper Chichester Township, Aston Township
Delaware County, Pennsylvania

Prepared For:

MIPC, LLC
920 Cherry Tree Road
Aston, PA 19014

Prepared by:

Langan Engineering and Environmental Services, LLC
1818 Market Street, Suite 3300
Philadelphia, Pennsylvania 19103

Jeffrey A. Smith, P.G.
PA Professional Geologist / Senior Associate

Robert S. (Rory) Johnston, P.E.
PA Professional Engineer / Managing Principal

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EXECUTIVE SUMMARY

This Revised Third Quarterly Remedial Action Progress Report (RAPR) summarizes interim remedial actions and environmental characterization activities completed through mid-September 2026 at the MIPC Chelsea Facility (the Site) at 920 Cherry Tree Road, Delaware County, Pennsylvania (Figure 1). As discussed with the Pennsylvania Department of Environmental Protection (PADEP) on September 23, 2026, this RAPR was revised to include groundwater sample results that were pending at the time of original report submission. The Site is an approximately 160-acre petroleum distribution terminal with 12 breakout tanks (approximately 1.7 million barrels total capacity) that serves as an intermediate tank farm connecting Monroe Energy's Trainer Refinery to downstream markets.

In late 2025, a gasoline release associated with Tank 708 was identified, triggering interim corrective actions and an investigation under an Administrative Order issued by the PADEP on December 23, 2025. This Revised RAPR documents the progress toward completing the evaluation of the extent of impacts, evaluating the exposure pathways (relative to the nearby properties west of the Site), and advancing remedy implementation under Pennsylvania's Land Recycling Program (Act 2).

The site characterization and interim remedial response strategy is being executed as a parallel, concurrent program — implementing focused on-Site light non-aqueous phase liquid (LNAPL) recovery, evaluating potential receptors, investigating and monitoring exposure pathways potentially affecting off-Site receptors, and mitigating complete exposure pathways, while simultaneously advancing characterization and delineation of LNAPL and gasoline constituents in soil, groundwater, and vapor.

Key activities completed this quarter included: (1) expansion of the off-Site monitoring well network to improve characterization and delineation of LNAPL or gasoline product and dissolved-phase impacts; (2) routine groundwater/LNAPL gauging to track hydraulic gradients and LNAPL distribution; (3) sitewide low-flow groundwater sampling for wells without LNAPL; (4) continued operation of vacuum-enhanced fluid recovery (VEFR), a solar-powered-turned-passive LNAPL skimmer system, and sorbent socks to remove potentially mobile gasoline product; (5) installation and start-up/shake down of a soil vapor extraction (SVE) system to extract and treat gasoline vapors from the source area; (6) construction and installation/start-up of a regenerative thermal oxidizer (RTO) and multi-phase extraction (MPE) systems to remove vapors and recoverable gasoline product and impacted groundwater; (7) continued perimeter air monitoring; (8) off-Site

vapor intrusion (VI) assessments, monitoring, and, as warranted, VI mitigation system installations; and (9) ongoing sampling of nearby private supply wells.

Interim recovery actions, including operation of the on-Site water treatment unit (WTU), the SVE system, the RTO component of the MPE system, the solar-turned-passive skimmer system, VEFR from multiple monitoring/recovery wells and associated vapor-phase recovery, and targeted vacuum-truck recovery from the excavation seep area sump, have removed substantial volumes of impacted fluids and gasoline. As of September 18, 2026, an estimated 1,533,500 gallons of fluids and 81,400 gallons of gasoline were recovered via combined measures (Table 11).

As of September 18, 2026, 46 private groundwater supply wells have been identified within 1,000 feet of the western Site boundary, and 40 of these wells have been sampled at least once (see Figure 2A). In addition to the 40 potable private wells located within 1,000 feet of the western Site boundary, drinking water samples have been collected from seven potable wells located beyond the 1,000-foot buffer from the western Site boundary. Furthermore, groundwater samples have been collected from four non-potable wells located both within and beyond the 1,000-foot buffer from the western Site boundary. Additionally, one sample was collected from an unused (secondary) well on a property.

None of the private wells sampled had detected concentrations above the United States Environmental Protection Agency (EPA) Maximum Contaminant Levels (MCLs) and/or PADEP groundwater medium-specific concentrations (MSCs) for gasoline-related Volatile Organic Compounds (VOCs). Only five of the 46 private wells had detections of any gasoline VOCs, and all reported concentrations are well below the EPA MCLs and/or the PADEP groundwater MSCs (Table 7). These five wells are monitored monthly, and VOCs were not detected in the five most recent rounds of sampling completed for one of these wells. Additionally, VOCs were not detected in another two of these wells during the most recent rounds of monitoring.

MIPC continues to coordinate follow-up sampling, community outreach and communication, provisions for bottled water delivery and service (currently servicing 28 properties), and contingency planning for point-of-entry treatment (POET) installation and/or connection to the public community water service, if warranted and requested.

A site-wide groundwater gauging and low-flow sampling event was conducted in August 2026. Additional groundwater sampling and gauging was conducted in September 2026 for the off-Site,

down-gradient monitoring wells installed along the northbound right-of-way (ROW) and within the southbound lane of Chichester Avenue. From the August and September sampling events, groundwater samples were collected from the 68 monitoring wells, both on-Site and off-Site, that do not contain measurable LNAPL. Results indicate that groundwater samples from 47 of the 68 wells sampled do not contain gasoline-related VOCs at concentrations above the Residential Used Aquifer Medium-Specific Concentrations (MSCs) and Vapor Intrusion Screening Values for Groundwater (SV_{GW}) (Table 4). Overall, the available data indicate the dissolved-phase groundwater plume is delineated in all directions on- and off-Site. Current groundwater results indicate that the dissolved-phase plume extends onto five adjoining properties to the west and only marginally extends beyond one of them to beneath the southbound lane of Chichester Avenue, specifically, the property where the A series wells are located (see Figure 2A). Soil and groundwater sampling results from the monitoring wells installed along the northbound ROW and within the southbound lane of Chichester Avenue indicate that impacts do not extend beyond Chichester Avenue to the west. The groundwater results indicate that the dissolved-phase plume and LNAPL plume are closely aligned, with dissolved-phase impacts extending slightly beyond the leading edges of the LNAPL plume.

After property access was granted, the VI assessment has advanced since early June 2026, when the last quarterly remedial action progress report was submitted. Off-Site VI assessments have now been completed at 13 properties to the west and southwest of the site. Four additional off-Site, near-source vapor monitoring points (VMPs) were installed to the west of the site, and one location (VMP-C, see Figure 2A) was sampled this quarter. The other three VMPs were installed at properties where VI mitigation is in-place and/or sub-slab soil gas sampling had already been completed and is planned for future monitoring.

Results for near-source soil gas sample collected from VMP-C showed benzene and ethylbenzene above the applicable PA Act 2 Residential Statewide Health Standard (SHS) VI Screening Values for Near-Source Soil Gas, reduced by a factor of 10, (i.e., the 1/10th SV_{NS}) and US EPA Target Sub-Slab and Near-source Soil Gas Concentrations (Table 8). Langan performed follow-up residential sub-slab soil gas sampling at SSMP-C to further assess the potential VI pathway at this off-Site property. Gasoline-related VOCs were not detected at SSMP-C at concentrations above the PA Act 2 Residential SHS VI Screening Values for Sub-Slab Soil Gas, reduced by a factor of 10 (i.e., the 1/10th SV_{SS}).

In addition to SSMP-C, a sub-slab soil gas monitoring point (SSMP-N) was installed and sampled this quarter, and second-round sub-slab soil gas samples were collected from eight other off-Site

properties this quarter, namely SSMP-E, -G, -H, -I, -J, -K, -L, and -M (see Figure 2A). Benzene was detected in one of the samples (SSMP-G) above the 1/10th Residential SHS VI SV_{SS}; however, the results were not considered to be representative of conditions beneath the basement due to multiple lines of evidence. A new sampling point was installed and sampled at SSMP-G, and gasoline-related VOCs were not detected above the PA Act 2 1/10th Residential SHS VI SV_{SS} in the SSMP-G resample or the other SSMP locations sampled this quarter (Table 9).

Sub-slab vapor mitigation systems have been installed at three properties where sampling results indicate concentrations that were above VI screening values. Post-installation indoor air sampling has been conducted to confirm the systems are operating as designed.

Collectively, these efforts provide data to refine the Conceptual Site Model (CSM) while also supplementing remediation focused pilot-scale performance data to establish a basis for the remedial action design (well spacing, extraction approach/systems, vapor and liquid controls, and monitoring). In summary, interim remedial measures and ongoing site characterization activities continue to be expanded and advanced. To date, these efforts have resulted in the following:

- Drilling of soil borings and installation of 99 on-Site and 27 off-Site overburden groundwater wells to approximate the extents of LNAPL; 54 of 126 total wells installed as of early September 2026 contain measurable LNAPL. Delineation of the LNAPL extent is complete.
- Langan and MIPC installed and maintain erosion and sediment (E&S) best management practices (BMP) according to the Chapter 102 National Pollutant Discharge Elimination System (NPDES) permit application submitted to the Delaware County Conservation District (DCCD) on May 11, 2026. The permit application was revised and resubmitted on July 7, 2026. MIPC/Langan are addressing additional comments received from DCCD on August 17, 2026 and will re-submit a revised permit application. Langan and MIPC continue to perform routine inspections of the BMPs as outlined in the permit application.
- Estimated combined removal of 1,533,500 gallons of fluids and 81,400 gallons of LNAPL from the WTU, SVE system, RTO component of the MPE system, solar/passive skimmer system, VEFR at wells, collection/recovery sump (S-1), and from miscellaneous recovery systems (e.g., sorbent socks).
- Sitewide synoptic gauging data for monitoring wells in August 2026 and sampling of groundwater in August and September 2026 for the 68 wells that do not contain LNAPL for analysis of dissolved gasoline constituents.
- Perimeter fenceline ambient air monitoring using EPA Method TO-15 since December 30, 2025 (midnight to midnight) and EPA Method 325A/B since August 17, 2026.

- Weekly observations of surface waters (Bezer's Run, stormwater outfalls, Marcus Hook Creek, etc.) inside and around the facility perimeter.
- Off-Site drinking water well sampling at 47 private potable wells (including 7 private wells located beyond 1,000 feet of the western site boundary, plus several additional non-potable wells) with ongoing follow-up sampling in accordance with the DEP-approved Private Well Sampling and Analysis Plan. Over 135 drinking water samples have been collected from 40 potable private wells that are within 1,000 feet of the western site boundary, with some wells sampled up to eight times since December 2025. No exceedances of the PADEP MSCs or EPA MCLs have been detected in any of the private well samples collected to date.
- Installation of eight off-Site near-source soil gas monitoring points (VMPs), and installation and sampling of 13 off-Site sub-slab soil gas monitoring points (SSMPs).
- Installation and testing of three off-Site sub-slab depressurization systems (SSDS). SSDS are not warranted at any other properties based on sub-slab soil gas results.

Hydrogeologic data interpretation to date supports a gasoline LNAPL release and source area beneath Tank 708 with potential migration governed by the shallow groundwater flow regime and lithologic/stratigraphic characteristics. LNAPL occurrence is consistent with a mobile core and a broader smear zone. LNAPL mobility/recoverability is dictated by more transmissive sandy/gravelly intervals and weathered/bedrock saprolite zones that have retained some of the original fabric/structure of the underlying bedrock. LNAPL occurrence and distribution in the subsurface is influenced by variations in lithology and contrasts in permeability/transmissivity. There is an LNAPL presence southwest of the Tank 708 release area within a locally depressed elevation area located southwest of the Tank 709 dike containment area. At this location, LNAPL is being actively collected and treated by the WTU that was installed in September 2025.

As summarized in Table 2 and on Figures 3A/3B and 4A/4B, the groundwater and LNAPL gauging data as of August 10, 2026, indicate groundwater flow and potential LNAPL migration is toward the west-southwest. Of the 126 wells installed as of mid-September 2026, 54 wells contained

measurable LNAPL. Of the 68 wells[1] that do not contain LNAPL and were sampled in August and September 2026, groundwater samples from 47 wells did not have detections of dissolved-phase gasoline-related constituents at concentrations above EPA MCLs for drinking water and/or PADEP residential used aquifer groundwater MSCs. Collectively, the current groundwater and LNAPL gauging/elevation and analytical data indicate that both the LNAPL and groundwater extents are delineated in all directions on- and off-Site. Impacts are noted at five adjacent properties to the west do not extend beyond Chichester Avenue to the west.

Off-Site drilling and data collection and interpretation will provide additional data to refine the CSM and the site conditions. Additionally, potential pathways and receptors and fate-and-transport will be evaluated to provide a basis for design and establish criteria for implementing a remedial action and cleanup under the Order and the PADEP Act 2 program.

[1] Note that four monitoring wells located within the Tank 708 berm area (i.e., MW-1E, -1T, -1V and -1Y) do not contain measurable LNAPL but were not sampled in August/September 2026 because of MPE remedial system installation activities.

1.0 INTRODUCTION

Langan Engineering and Environmental Services, LLC (Langan) has prepared this Revised Third Quarterly Remedial Action Progress Report (RAPR) on behalf of MIPC, LLC (MIPC) to document progress in characterizing and addressing gasoline-related impacts in soil, groundwater, and vapor at the MIPC Chelsea Facility (Site), as depicted on Figure 1. The objectives of the RAPR are to: (1) summarize interim remedial actions implemented to recover LNAPL and to mitigate potential exposures; (2) summarize the characterization activities completed during the quarter/to date; (3) present key findings relevant to the evolving conceptual site model (CSM) and exposure pathway evaluation; and (4) document the progress on the completion of the delineation activities to support the remedy implementation and attainment demonstrations under Act 2.

This Revised RAPR is prepared in support of the Administrative Order (Order) issued by PADEP on December 23, 2025, and the Remedial Action Implementation Schedule submitted January 20, 2026 (revised February 18, 2026) that was approved by PADEP on February 26, 2026. The Order directs MIPC to submit remedial action progress reports once every ninety (90) calendar days describing characterization activities and results, remedial action implementation and results, public involvement activities, planned site characterization work, and remedial actions. As discussed with the PADEP on September 23, 2026. This RAPR was revised to include groundwater sample results that were pending at the time of original report submission.

Separate submittals to the PADEP required by the Order and referenced herein address specific program elements and include:

- Interim Remedial Action (IRA) Plan and Vapor Intrusion Evaluation Plan (VI Plan) submitted January 13, 2026, and approved by PADEP on March 4, 2026;
- Fenceline Perimeter Air Monitoring Plan (PAMP) submitted January 13, 2026 with Addendum submitted March 13, 2026, and approved by PADEP on April 10, 2026;
    - Updated PAMP submitted June 29, 2026 and revised August 13, 2026, and approved by PADEP on August 19, 2026;
- Public Involvement Plan (PIP) submitted January 16, 2026 (by MIPC) and revised February 17, 2026, and March 2, 2026, and approved by PADEP on March 6, 2026;
- Private Drinking Water Well Sampling and Analysis Plan submitted February 6, 2026 and revised April 17, 2026, and approved by PADEP on May 15, 2026;
- Site Characterization Work Plan submitted February 20, 2026 and approved by PADEP on April 16, 2026;

- First Quarterly Remedial Action Progress Report submitted March 23, 2026, and approved by PADEP on May 18, 2026;
- Second Quarterly Remedial Action Progress Report submitted June 19, 2026 and approved by PADEP on August 31, 2026;
- Interim Site Characterization Report submitted June 19, 2026 and approved by PADEP on September 25, 2026; and
- Weekly Progress Reports submitted every Tuesday.

2.0 SITE SETTING AND BACKGROUND

Within this section of the Revised RAPR is background information, including a description of the facility and a summary of historical land use.

2.1 General Facility Description

The Site is an approximately 160-acre petroleum distribution facility located at 920 Cherry Tree Road in Delaware County, PA (see Figure 1). The facility spans portions of Aston, Bethel, and Upper Chichester Townships and serves as an intermediate tank farm connecting Monroe Energy's Trainer Refinery to various delivery pipelines and markets. The Site consists of 12 breakout tanks with a total capacity of about 1.7 million barrels of refined petroleum product. The breakout tanks are regulated by the U.S. Pipeline and Hazardous Materials Safety Administration (PHMSA) for safety and integrity standards, while air emissions are permitted under PADEP Air Quality regulations.

Supporting infrastructure at the site includes interconnecting pipelines, a pump station, and loading facilities, all dedicated to the storage and transfer of gasoline and other petroleum products. The surrounding land use is primarily residential.

2.2 History of Ownership and Land Use

Petroleum distribution operations at the Chelsea Tank Farm site date back to the late 1940s, when storage tanks were constructed by Sinclair Refining on what was formerly orchards and farmland primarily owned by Samuel Goodley. Tank 708, which was the source of the recent gasoline release, was constructed in 1953, based on a review of historic topographic maps. According to historic maps maintained by MIPC, farm-related structures, namely a dwelling, a barn, two sheds, a coop, and a springhouse, were located within the southwestern portion of the adjacent Tank 709 basin. Bezers Run, a tributary of

the Marcus Hook Creek, was formerly located east of Chichester Avenue along the western Site boundary.

Throughout the 20th century, the site was operated by predecessor oil companies and was consistently utilized for petroleum product storage and pipeline distribution. In 2012, Monroe Energy, LLC (a subsidiary of Delta Air Lines) acquired the facility and associated pipelines from Phillips 66 as part of the purchase of the Trainer Refinery logistics assets. MIPC, LLC (Monroe Interstate Pipeline Company) was established to own and operate the pipeline network and tank farms including the Aston (Chelsea) Terminal.

The surrounding area has transitioned from rural farmland to a mix of suburban residential developments and commercial/industrial use over time. Parcels adjoining the western Site boundary to the east of Chichester Avenue are generally comprised of 1 to 1.5 acres of land with single-family dwellings located approximately 100 feet east of Chichester Avenue and 250 to 400 feet west of the Site. Most of these dwellings are 1,500 to 2,000 square feet in size and were constructed in the 1950s or 1960s. Detached garages are located east of the dwellings on some of the properties. For adjoining residences that maintain private wells, most are located west of the dwellings.

3.0 CHARACTERIZATION ACTIVITIES THIS QUARTER

Within this section of the Revised RAPR is a summary of Site characterization activities performed through early September 2026. Soil and groundwater characterization activities are conducted following with the procedures outlined in the Site Characterization Work Plan submitted to the PADEP on February 20, 2026 and approved by the PADEP on April 16, 2026. VI assessment and mitigation activities are conducted in accordance with the VI evaluation plan submitted to the PADEP on January 13, 2026 and approved by the PADEP on March 4, 2026.

As part of Site characterization activities, Langan and MIPC installed and maintain erosion and sediment (E&S) best management practices (BMP) according to the Chapter 102 National Pollutant Discharge Elimination System (NPDES) permit application submitted to the Delaware County Conservation District (DCCD), which administers the program on behalf of PADEP, on May 11, 2026, later revised on July 7, 2026, per DCCD comments. Langan and MIPC are further revising the application based on additional comments provided by DCCD on August 17, 2026. Langan and MIPC continue to perform routine inspections of the BMPs as outlined in the permit application.

3.1 Source Characterization and Conceptual Site Model

The working CSM for the Site is being refined iteratively using soil boring and well installation data, gauging data, analytical results for soil, groundwater, and vapor, seismic refraction survey and subsurface hydrogeologic data, and operational information from the ongoing LNAPL recovery efforts. The current CSM framework includes: (i) a gasoline LNAPL source area associated with Tank 708 and adjacent subsurface features; (ii) migration of mobile product and dissolved-phase VOCs within the shallow groundwater system; and (iii) vapor migration pathways (vadose zone and potential preferential pathways) that require evaluation, monitoring and, where appropriate, mitigation.

Data collection and interpretation to date focused on improving spatial and vertical delineation of LNAPL, dissolved VOCs, and the associated vapor plume; understanding hydraulic gradients and seasonal/operational variability; further characterizing lithology, stratigraphy and subsurface variability; and gathering parameters needed to evaluate remedial options (e.g., LNAPL transmissivity, geochemical indicators for biodegradation, microbial testing, and bedrock topography).

3.2 Soil Characterization

Soil characterization conducted on-Site/off-Site is used to obtain data on the potential horizontal and vertical extent of gasoline impacts, including the identification and delineation of soil or LNAPL that may be a potential source for VI.

Soil conditions are logged continuously during drilling activities consistent with the Unified Soil Classification System (USCS), and recovered soil is screened with a Photoionization Detector (PID). Soil boring logs for the 17 monitoring wells and the four vapor monitoring points (VMPs) installed since early June 2026 when the Second Quarterly RAPR was submitted are provided in Appendices A and B, respectively. Monitoring well, VMPs, and soil boring locations are depicted on Figures 2A and 2B.

Soil samples are collected and analyzed for gasoline impacts at select boring locations outside of the Tank 708 dike area. Up to two soil samples are collected per boring location, including one sample from the 6-inch interval immediately above the saturated zone, and potentially one additional sample from the 6-inch interval with the highest PID reading measured in the unsaturated zone (if elevated PID readings are present at depths other

than immediately above the saturated zone). Surface soil samples were collected at select off-Site drilling locations where potential background contributions of petroleum products were observed.

Soil samples are collected directly into laboratory-provided sample bottles, stored on ice in a cooler, and transported under chain-of-custody to the laboratory for analysis. Soil samples are analyzed via Method 8260D for VOCs associated with unleaded gasoline. Analyses target the PADEP "Short List" of gasoline-related constituents for unleaded gasoline, which represents the primary compounds of concern for evaluating potential impacts to groundwater and nearby potable water supplies resulting from the gasoline release. Quality assurance and quality control (QA/QC) samples are collected and submitted to the laboratory for VOC analysis consistent with the PADEP-approved Site Characterization Work Plan.

Soil analytical results are compared to applicable PADEP soil MSCs and VI screening values, where relevant. Selected soil standards and VI screening values, as well as the treatment of non-detects and qualified detections, are defined in the PADEP-approved Site Characterization Work Plan.

Table 3, attached, presents a summary of soil analytical results for samples collected from June 29, 2026, through September 9, 2026. The soil analytical results are compared to the applicable PA Act 2 Non-Residential Medium-Specific Concentrations (MSCs) and Vapor Intrusion Screening Values for Soil (SV_{SOIL}). Laboratory analytical reports for the soil sample analyses are submitted to PADEP weekly under prior Weekly Progress Reports and, therefore, are not reproduced herein.

As shown in Table 3, exceedances of benzene and/or toluene above the applicable PA Act 2 Soil MSCs and/or SV_{SOIL} were detected in subsurface soil samples collected at off-Site soil borings advanced at the locations of monitoring wells MW-F3 and MW-J1. Note that the exceedances reflect detections that exceed the PADEP Soil-to-Groundwater MSCs but do not exceed the Residential Direct Contact MSCs for soil. Analyzed VOCs were not detected in the surface soil samples collected from each soil boring.

In general, based on drilling observations, field screening, and analytical results, the extent of impacted soil approximates the extents of the LNAPL occurrence. Soil impacts are present immediately above and within the capillary fringe near the groundwater surface

at locations where LNAPL or dissolved-phase impacts are present. Other than the on-Site low area that was excavated near the WTU, gasoline-impacted soils are not present at or near the ground surface.

Soil characterization results, when received, will continue to be reported as part of the weekly progress reports to the PADEP.

3.3 Groundwater Characterization

This section summarizes characterization activities to refine the hydrostratigraphic framework, evaluate hydraulic gradients and characteristics, and quantify LNAPL mobility and recoverability. Interpretation focuses on the overburden groundwater system (water-table and uppermost transmissive intervals), potential preferential pathways, and the relationship between water-level fluctuations, smear zone development, and observed LNAPL distribution.

Monitoring well installation progress and groundwater characterization results, when received, will continue to be reported as part of the weekly and quarterly remedial action progress reports to the PADEP.

Monitoring well locations are depicted on Figures 2A and 2B.

3.3.1 *Monitoring and Recovery Well Installation*

As summarized in the June 2026 Interim Site Characterization Report (ISCR), groundwater sample results indicate dissolved-phase impacts are delineated on-Site to the northwest, north, northeast, east, southeast, and south. As such, monitoring and recovery well installations since submission of the Second Quarterly RAPR shifted to an approach designed to: (1) delineate off-Site plume margins to the west-southwest and southwest; and to (2) obtain lithologic soil boring logs to support cross section development and hydrostratigraphic interpretation.

MIPC initiated a subsurface drilling investigation in November 2025 that is substantially completed. As of the date of this Revised Third Quarterly RAPR, MIPC has installed 99 groundwater monitoring wells on the Site (Figures 2A and 2B), as well as 27 monitoring wells on seven off-Site adjoining properties and within Chichester Avenue and its Right-of-Way (ROW) to the west of the MIPC facility

(Figure 2A). Current data indicate that delineation of the underground gasoline impacts is complete, and, therefore, the focus of further off-Site drilling has shifted from investigation/characterization to remediation. Continued monitoring of conditions and recovery of LNAPL in on-site and off-Site wells continues, and off-Site drilling remains focused to install additional recovery wells on one or two adjoining property(s) to augment gasoline recovery.

Monitoring well construction generally consists of a polyvinyl chloride (PVC) riser and screen with an appropriately graded sand pack, bentonite seal, and grout to surface. The monitoring wells are developed to remove fine sediment and establish water flow from the formation into the well. Well construction logs for the wells installed since submission of the Second Quarterly RAPR, are provided in Appendix A.

The horizontal and vertical positions of well locations are periodically surveyed by licensed surveyors. Horizontal positions are surveyed with respect to the Pennsylvania State Plane Coordinate System (South), and vertical elevations are surveyed with respect to the North American Datum of 1988. Survey data for on-Site and off-Site monitoring wells are provided in Table 1A, except for MW-N3 which will be surveyed and included in the Fourth Quarterly RAPR.

3.3.2 *Groundwater and LNAPL Gauging*

Synoptic groundwater and LNAPL gauging were performed to track temporal changes in groundwater and LNAPL elevations, infer groundwater flow direction, and evaluate changes in observed conditions. Gauging is performed using electronic interface probes capable of measuring the interface between LNAPL (where present) and groundwater. Measurements are used to compute apparent LNAPL thickness in wells (water level minus product interface), recognizing that apparent thickness is influenced by well construction, product properties, and capillary effects and does not directly represent actual formation thickness of gasoline. Synoptic site-wide gauging data (collected on July 13 and August 10, 2026) are provided in Table 2A. More routine gauging data from select well locations (collected June 2 through September 4, 2026) are provided in Table 2B.

Water-level data are evaluated for potential short-term perturbations (e.g., influences by recovery system operation, precipitation recharge, and localized pumping) prior to

the development of groundwater contour maps. Where LNAPL is present, apparent product thickness is interpreted qualitatively since it is biased by wellbore effects, capillary trapping, and variable well construction; therefore, thickness trends are considered alongside transmissivity results and recovery response (drawdown/rebound) to distinguish potential mobile LNAPL from residual smear-zone mass (LNAPL held in and above the capillary fringe). In the presence of LNAPL and per USEPA guidance, groundwater measurements are corrected by a factor to account for local effects, based on typical specific gravity and thickness of gasoline, where present.

Groundwater elevations and LNAPL elevations calculated using the recent round of synoptic site-wide gauging data (collected on August 10, 2026) are presented as Figures 3A/3B and 4A/4B, respectively. Elevations and contours on Figures 3A/3B and 4A/4B represent a period of limited active pumping/LNAPL recovery on a day when VEFR activities were not conducted (however, the WTU system was operational). VEFR activities ceased after August 6, 2026, to facilitate installation of the SVE/MPE systems. Note that the elevations are dynamic and may not represent an actual static equilibrium condition and contours are drawn to reflect interpretation at the time the measurements were taken and are considered approximate.

3.3.3 *Groundwater Sampling*

Since submission of the Second Quarterly RAPR, a total of 68 monitoring wells without the presence of LNAPL were sampled in August and September 2026. A total of 59 monitoring wells that did not contain measurable LNAPL (see Table 2A) were sampled between August 10 through 14, 2026. Three additional off-Site monitoring wells (i.e., MW-N1, -N2, and -N3) were sampled between August 18 and 21, 2026. The six off-Site monitoring wells in Chichester Avenue and its ROW (i.e., MW-[REDACTED], -[REDACTED], -[REDACTED], -[REDACTED], -[REDACTED], -[REDACTED]) were sampled on September 8 and 17, 2026.

Groundwater samples were collected under low-flow conditions using bladder pumps with field water quality parameters recorded using a multi-parameter water quality sonde (e.g., Horiba U52). In instances where a well was purged dry and/or had insufficient water to sample using a bladder pump (i.e., MW-F2, MW-1L, and MW-1W), the well was allowed to recharge and then a Teflon-lined disposable bailer

was used to collect the required sample volume from the well. The August and September 2026 low-flow sampling logs with field water quality parameters and stabilization criteria are presented in Appendix C.

Groundwater samples are collected directly into laboratory-provided sample bottles, stored on ice in a cooler, and transported under chain-of-custody to the laboratory for analysis. Groundwater samples collected are analyzed via Method 8260D for VOCs associated with unleaded gasoline. Analyses target the PADEP "Short List" of gasoline-related constituents for unleaded gasoline, which represents the primary compounds of concern for evaluating potential impacts to groundwater and nearby potable water supplies resulting from the gasoline release. Quality assurance and quality control (QA/QC) samples are collected and submitted to the laboratory for VOC analysis in accordance with the PADEP-approved Site Characterization Work Plan.

Results from the August and September 2026 groundwater sampling events are presented in Table 4. The groundwater results are compared to the applicable PA Act 2 Residential and Non-Residential Used Aquifer MSCs and Vapor Intrusion Screening Values for Groundwater (SV_{GW}). Laboratory analytical reports for the August and September 2026 groundwater sample analyses were provided to PADEP as part of the 36th, 37th, 39th, and 40th Weekly Progress Reports and, therefore, are not reproduced herein.

No exceedances of the Residential or Non-Residential Groundwater MSCs or SV_{GW} were detected in groundwater samples collected from 47 of the 68 monitoring wells sampled in August and September 2026. Furthermore, analyzed contaminants were not detected above laboratory method detection limits (MDLs) in groundwater samples collected from 44 of the 68 monitoring wells sampled in August and September 2026. Benzene, and in some cases other gasoline-related VOC(s), were detected in groundwater samples collected from 21 monitoring wells at concentration(s) above the PA Act 2 Groundwater MSCs and/or SV_{GW}. Eighteen of these 21 monitoring wells are located on-Site and within the Tank 708 basin (i.e., MW-1C, -1J, -1K, -1L, and -1Z, see Figure 2A/2B) or to the west-southwest, southwest, or south-southwest of the Tank 708 basin (i.e., MW-4, -30, -34, -36, -42, -53, -54, -57, -58, -59, -65, -67, and -70, see Figure 2A/2B). Of the 18 off-Site monitoring wells sampled, three of the monitoring wells (i.e., MW-C3, MW-F2, and

MW-[REDACTED]; see Figure 2A) have concentration(s) of gasoline-related VOC(s) above the PA Act 2 Groundwater MSCs and/or SV_{GW}. Analyzed gasoline constituents were not detected at concentrations above laboratory MDLs in groundwater samples collected from 14 of the remaining off-Site monitoring wells sampled in August and September 2026. One off-Site monitoring well sampled in September 2026 (i.e., MW-[REDACTED]) had low-level detections of two gasoline constituents with concentrations well below the PA Act 2 Groundwater MSCs and/or SV_{GW}.

Groundwater results confirm that the dissolved-phase extent is delineated in all directions on- and off-Site and appears to be closely aligned with the LNAPL plume.

3.4 Perimeter Ambient Air Monitoring

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 during weekdays from four locations (AA-1 through AA-4) along the perimeter facility fence line, as shown on Figures 2A/2B, attached.

On August 13, 2026, MIPC/Langan submitted an updated PAMP Addendum to the PADEP, which the Department approved on August 19, 2026. The updated PAMP Addendum 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 Figures 2A/2B). Additionally, one 24-hour air sample (at location AA-3, see Figures 2A/2B) 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).

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 PADEP-approved PAMP

Addendum dated August 13, 2026. Collection of a 24-hour air sample at station AA-3 only began on August 31, 2026.

As of September 18, 2026, laboratory results have been received for 752, 24-hour air samples collected since December 31, 2025. Table 5A summarizes the air monitoring results for the 273 samples received since submission of the Second Quarterly RAPR 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). Laboratory analytical reports for the air monitoring sample analyses are submitted to PADEP weekly under prior Weekly Progress Reports and, therefore, are not reproduced herein.

The first round of 14-day passive samples were deployed on August 17, 2026 and closed on August 31, 2026 (see Table 5B). The second round of 14-day passive samples were deployed on August 31, 2026 and closed September 14, 2026. The third round of 14-day passive samples were deployed on September 14, 2026 and closed September 28, 2026. The laboratory analytical report for the first round of passive samples was provided to PADEP as part of the 38th Weekly Progress Report and, therefore, is not reproduced herein. The results of the second and third round of passive air samples will be reported in subsequent weekly and quarterly progress reports.

Air monitoring results for gasoline-related constituents are 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 5A, acrolein, acrylonitrile, and 1,2-dibromoethane were detected at concentrations above the EPA RSL in one or more of the 24-hour perimeter air sample(s); however, these VOCs are not compounds of concern associated with unleaded gasoline and, therefore, are believed to be background contaminants.

As shown in Table 5A, benzene was detected slightly above the EPA RSL for resident air of 3.6 micrograms per cubic meter (ug/m^3) in the 24-hour air samples collected at monitoring stations AA-2 on July 2, 2026 and AA-1 on July 17, 2026. No on-Site 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 shown in Table 5B, benzene, toluene, ethylbenzene and total xylenes were not detected at concentrations above the EPA RSLs for resident air in the first round of passive, 14-day perimeter air samples.

As depicted in the benzene trend chart presented as Appendix D, except for the 24-hour 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 in the active or passive perimeter air samples since the Second Quarterly RAPR was submitted.

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 on-Site private weather station, Langan also reviews data from an off-Site, public weather station in Aston, PA, which is located approximately 0.75 miles northeast of the Site.

Weekly perimeter ambient air monitoring results, laboratory analytical reports, daily weather data and wind rose diagrams from both the on- and off-Site weather stations, and an updated benzene trend chart will continue to be reported as part of the weekly progress reports to the PADEP.

3.5 Private Well Sampling

Identification and sampling of private wells began in early December 2025, continued through early September 2026, and remains ongoing consistent with the Private Drinking Water Well Sampling and Analysis Plan submitted to the PADEP on February 6, 2026, revised and re-submitted on April 17, 2026, and approved by PADEP on May 15, 2026.

As of September 18, 2026, 46[2] private groundwater supply wells have been identified within 1,000 feet of the western Site boundary, and 40 of these wells have been sampled at least once. In addition to the 40 potable private wells located within 1,000 feet of the western Site boundary, drinking water samples have been collected from seven potable wells located beyond the 1,000-foot buffer from the western Site boundary. Furthermore, groundwater samples have been collected from four non-potable wells located both within and beyond the 1,000-foot buffer from the western Site boundary. Additionally, one sample was collected from an unused (secondary) well on a property.

Over 135 drinking water samples have been collected from the 40 accessible potable private wells within 1,000 feet of the western Site boundary, with 39 of the 40 wells sampled at least twice and some wells sampled up to eight times since December 2025. To date, there have been no private well samples that have exceeded the PADEP Groundwater MSCs (residential, used aquifer, total dissolved solids < 2,500 mg/L) or EPA MCLs for VOCs associated with unleaded gasoline under the PADEP "Short List."

Samples from five private potable wells had low-level VOC detection(s) well below MSCs and MCLs. These five wells are monitored monthly, and VOCs were not detected in the five most recent rounds of sampling completed for one of these wells. Additionally, VOCs were not detected in the most recent drinking water samples collected from the other four private potable wells. As noted in prior weekly progress reports, MIPC/Langan determined that water samples collected from one other off-Site private well (RW-23), which was previously reported to have low-level VOC detections, were inadvertently collected from a water heater that looked like a well pressure tank. Four rounds of samples collected from the actual well pressure tank indicate no detections of VOCs for this private well.

[2] The 2nd Quarterly RAPR identified 48 private groundwater supply wells within 1,000 feet of the western site boundary. On June 19th, and July 14th, 2026, two of these private wells (RW-1 and RW-12) were removed from the private well inventory list as the residences were connected to Chichester Water Authority (CWA) public water supply and, therefore, no longer requiring drinking water sampling.

An inventory and status summary of the private potable wells located within 1,000 feet of the western Site boundary are provided as Table 6. A summary of the private well analytical results received since submission of the Second Quarterly RAPR in June 2026 is provided as Table 7.

Private well sampling results, when received, will continue to be reported as part of the weekly progress reports to the PADEP. Laboratory reports for private well sampling are appended to the weekly progress reports submitted to PADEP, as required by Part 1.h. of the Order, and are not reproduced herein.

3.6 Vapor Intrusion Assessment

VI investigation activities are being conducted in accordance with the VI Plan submitted to the PADEP on January 13, 2026, and approved by PADEP on March 4, 2026. VI assessment since submission of the Second Quarterly RAPR has primarily consisted of monitoring, namely follow-up (second-round) sampling of existing sub-slab soil gas monitoring points (SSMPs). A VI assessment consisting of near-source and sub-slab soil gas sampling (VMP-C and SSMP-C) was conducted at the off-Site property where the C series of monitoring wells are located (see Figure 2A).

3.6.1 *Near-Source Soil Gas Sampling*

To date, a total of seventeen near-source soil gas (or vapor) monitoring points (VMPs) have been installed. Eleven near-source gas points (VMP-10, -11, -12, -16, -21, -52, -W1, -N1, -1W, -1X, -1Y) are installed on-Site, and six VMPs (VMP-A, -B, -C, -F, -J, -N) are installed on off-Site residential properties that adjoin the Site to the west (see Figures 2A/2B). Since submission of the Second Quarterly RAPR, one near-source soil gas sample was collected from one of the off-Site VMPs (i.e., VMP-C) and analyzed via U.S. EPA Method TO-15.

Near-source soil gas sample analytical results were compared to the applicable PA Act 2 Residential Statewide Health Standard (SHS) VI Screening Values for Near-Source Soil Gas (SV_{NS}) and 1/10th of the Residential SHS VI SV_{NS}. As a conservative measure, the results were also compared to the United States Environmental Protection Agency (US EPA) Target Near-Source and Sub-Slab & Near Source Soil Gas Concentrations (Target Cancer Risk [TCR]=1E-06 and Target Hazard Quotient [THQ]=1).

A summary of the near-source soil gas sample results received since submission of the Second Quarterly RAPR are provided in Table 8. The corresponding laboratory analytical report(s) were previously provided as part of Weekly Progress Reports submitted to the PADEP and are not reproduced herein.

Analytical results of the near-source soil gas sample collected from VMP-C on August 13, 2026, showed benzene and ethylbenzene above the applicable PA Act 2 Residential SHS VI 1/10th SV_{NS} and US EPA Target Sub-Slab and Near-source Soil Gas Concentrations. Because of these results, Langan performed follow-up residential sub-slab soil gas sampling to further assess the potential VI pathway.

3.6.2 *Sub-Slab Soil Gas Sampling*

To date, 13 SSMPs (i.e., SSMP-A, -B, -C, -E, -F, -G, -H, -I, -J, -K, -L, -M, and -N) have been installed on 13 western off-Site properties along both sides of Chichester Avenue. Since submission of the Second Quarterly RAPR, two new SSMPs (i.e., SSMP-N and SSMP-C, see Figure 2A) were installed on June 18 and August 20, 2026, respectively. Additionally, one SSMP (i.e., SSMP-G) was re-installed on July 22, 2026 because it was discovered that the original SSMP installed on May 4, 2026 and sampled on May 4 and July 7, 2026 did not penetrate a second, deeper slab discovered beneath this home.

Since submission of the Second Quarterly RAPR, a total of 11 sub-slab soil gas samples were collected from the SSMPs at 10 off-Site properties and analyzed via U.S. EPA Method TO-15. First-round (i.e., initial) samples were collected from two locations (SSMP-C and SSMP-N). Second-round samples were collected from eight locations (SSMP-E, SSMP-G, SSMP-H, SSMP-I, SSMP-J, SSMP-K, SSMP-L, and SSMP-M) at least 45 days after the initial round of samples were collected. Sample results were compared to the applicable PA Act 2 Residential SHS VI Screening Values for Sub-Slab Soil Gas (SV_{SS}) and 1/10th of the Residential SHS VI SV_{SS}. As a conservative measure, the results were also compared to the US EPA Target Sub-Slab Soil Gas Concentrations (TCR=1E-06 and THQ=1).

A summary of the sub-slab soil gas sample results are provided in Table 9. The laboratory analytical reports were previously provided as part of Weekly Progress Reports submitted to the PADEP and are not reproduced herein.

As shown in Table 9, benzene was detected in one of the 11 sub-slab soil gas samples (SSMP-G) above the 1/10th Residential SHS VI SV_{SS}. However, concentrations of other gasoline-related VOCs, including hexane and cyclohexane, which are considered key vapor plume markers for the MIPC Chelsea release, are lower than or similar to the initial sample from this same property that was collected in May 2026. Additionally, benzene was not detected in the sub-slab soil gas sample (SSMP-H) collected the week prior from the northern-adjoining property, and that house is just 30 feet from the house where SSMP-G was collected. The results for the second-round sample collected on July 7, 2026 from SSMP-G do not correlate with the pattern and distribution of other off-Site sub-slab soil gas data. Therefore, Langan re-installed and re-sampled SSMP-G on July 22, 2026. From concrete scanning and drilling conducted on July 22, 2026, it was determined that the slab construction for this home is unique in that there appears to be a 2-inch-thick surface slab followed by gravel and then a *second slab* around 8 inches below floor surface followed by dirt. The initial sub-slab sampling point that was sampled on July 7, 2026, was installed within a hole that did not penetrate the second, deeper slab. Therefore, the results of the sample collected on July 7, 2026, are not considered representative of actual sub-slab conditions, and that SSMP was abandoned. The new sampling point installed on July 22, 2026, consisted of a deeper hole that penetrated the second slab and sub-slab soil gas re-sample was collected. The re-sample is considered more representative of conditions beneath the basement.

As shown in Table 9, gasoline-related VOCs were not detected above the PA Act 2 Residential SHS VI SV_{SS}, the 1/10th SV_{SS}, or the US EPA Target Sub-Slab Soil Gas Concentrations in the July 22, 2026 re-sample from SSMP-G or at the other nine SSMP locations (SSMP-C, -E, -H, -I, -J, -K, -L, -M, and -N). Four VOCs not related to gasoline or the MIPC Chelsea gasoline release (i.e., 1,2-dichloropropane, acrolein, chloroform, and trichloroethene) were detected in one or more sub-slab soil gas sample(s) collected from SSMP-G, -I, -J, -L, -M, and/or -N at concentrations above one or more screening value(s).

Based on the sub-slab soil gas results, the gasoline release does not present a VI concern for the properties where sub-slab soil gas samples SSMP-C, -E, -G, -H, -I, -J, -K, -L, -M, and -N were collected at this time. Follow-up sampling of these SSMPs is proposed and will be coordinated with the property owners.

The sub-slab soil gas results indicate that the approximate extent of the gasoline vapors in soils is roughly coincident with the LNAPL and dissolved-phase extents.

3.6.3 *Indoor Air Sampling*

To date, indoor air (IA) and/or contemporaneous ambient (outdoor) air (AA) samples have been collected and analyzed at three off-Site properties that adjoin the Site to the west based on results of sub-slab soil gas samples. The indoor and ambient air samples were analyzed for VOCs by a PA-certified lab via Method TO-15. Sample results received since submission of the Second Quarterly RAPR are summarized in Table 10. Laboratory reports have been submitted to PADEP under weekly progress reports and are not reincluded herein. Referring to Table 10, sample results were compared to the applicable PA Act 2 Residential SHS VI Screening Values for Indoor Air (SV_{IA}) and 1/10th of the Residential SHS VI SV_{IA}, which are the SHS VI SV_{IA} reduced by a factor of 10 to account for screening purposes under the PA Act 2 SHS. As a conservative measure, the results were also compared to the US EPA Resident Air RSLs (TCR=1E-06 and THQ=1).

An active sub-slab depressurization system (SSDS) was installed in late June 2026 at the residence where SSMP-F and IA-F are located (see Figure 2A). The SSDS is operating, and post-installation pressure measurements indicate that the system is working as designed. Pre-SSDS-installation 24-hour IA samples (IA-F) were collected on May 5 and 12, 2026, and the results were presented in the Second Quarterly RAPR. Post-SSDS-installation 24-hour indoor and ambient air samples (IA-F and AA-F) were collected on June 25, 2026, and the results are presented in Table 10.

As shown in Table 10, benzene and naphthalene were detected in sample IA-F at laboratory-estimated ("J-flagged") concentrations above the *1/10th* SV_{IA}. These compounds were detected at similar levels in the contemporaneous outdoor (ambient air) sample AA-F collected over the same time period, indicating that their presence is attributed to background sources. Furthermore, hexane, which was the

highest detected VOC in air beneath the basement floor during sub-slab testing in May 2026, was also previously detected in IA at a concentration above the PADEP IA screening value prior to installation of the SSDS. The June 2026 post-SSDS-installation sample had a significantly lower measured concentration of hexane, well below the screening value. The concentration of hexane in IA-F was also lower than the concentration measured in the outdoor air sample AA-F. Several VOCs not attributed to gasoline (e.g., 1,2-dichloroethane, acrolein, bromodichloromethane, carbon tetrachloride, chloroform, dichlorodifluoromethane and tetrahydrofuran) were detected in the post-SSDS-installation IA sample at concentrations above the screening levels; these VOCs are not attributed to the gasoline release. It is noted that the tetrahydrofuran detections may be attributed to PVC pipe glue (or cement) used to fuse/weld the PVC piping components of the SSDS.

Based on the vacuum pressure differential readings at the SSDS vapor monitoring points after system start-up and the analytical results, the vapor mitigation system is operating effectively and is preventing gasoline-related vapors from entering the residence through the ground. Follow-up SSDS and IA monitoring during the heating season is planned for this residence.

4.0 REMEDIAL ACTIONS IMPLEMENTED THIS QUARTER

This section of the Revised RAPR is a summary of interim remedial activities performed through mid-September 2026. Remedial actions are conducted according to the procedures outlined in the PADEP-approved Remedial Action Implementation Schedule submitted on January 20, 2026 (revised February 18, 2026) and the PADEP-approved IRA Plan and VI Plan submitted on January 13, 2026.

4.1 Vacuum Enhanced Fluid Recovery

Since December 8, 2025 and until August 6, 2026, Langan and its subcontractor performed VEFR focused on the wells located west of Tank 708 near the western property boundary. VEFR has been implemented to recover mobile gasoline LNAPL and associated groundwater from recovery wells located near the Tank 708 basin. The system generally applies vacuum to promote multiphase extraction, with recovered fluids conveyed to on-Site separation and treatment. Operations are optimized based on observed recovery rates, well recharge behavior, and measured LNAPL thickness trends.

From a remedy-performance perspective, VEFR effectiveness depends on maintaining sufficient induced gradients to overcome capillary forces at the LNAPL-water interface and to mobilize product toward the recovery well while attempting to reduce excessive groundwater extraction. Operational data (vacuum, flow rates, product cut, and drawdown response) are evaluated to optimize well cycling, prevent short-circuiting, and limit air breakthrough. In heterogeneous settings, capture is expected to be anisotropic; accordingly, well-to-well response (pressure and water-level) and rebound behavior are tracked to infer the effective radius of influence and to guide phased expansion or repositioning of recovery points.

VEFR was indeterminately paused after August 6, 2026, because of the August Site-wide groundwater gauging and sampling event and/or space limitations caused by active installation of the SVE/MPE remedial systems. A summary of LNAPL and fluid recovery from VEFR activities through August 6, 2026 is presented in Table 11.

4.2 Sump Product Recovery

A sump in the excavation seep area (Figures 2A/2B) has been utilized as an additional product recovery point where product seepage has been observed. Recovery is performed periodically using vacuum truck operations, as needed, to remove accumulated LNAPL and impacted water. The sump recovery complements VEFR by addressing localized seepage and reducing potential surface expression. A summary of recovered fluids from the sump as of September 18, 2026, is provided in Table 11.

4.3 Water Treatment Unit

A temporary water treatment unit (WTU) system was installed in the fall of 2025 to collect and treat the water/gasoline mixture discharging from a concrete pipe that was discovered in August 2025. The in-line system is comprised of a sump tank, a weir tank, bag filters, and granular activated carbon vessels. The system discharges treated water to the existing MIPC storm water drainage system via permitted Outfall 002 consistent with a PADEP-approved Temporary Discharge Authorization under NPDES Permit No. PA0011231. The PADEP extended the Temporary Discharge Authorization (TDA) by letter dated July 23, 2026, with expiration January 20, 2027. As indicated in that letter and described in Section 4.6, the PADEP's TDA was updated to include approval to discharge treated effluent from the MPE system. MIPC regularly monitors effluent discharge quality and reports analytical results to PADEP.

MIPC continues to operate the temporary water treatment system, and its operation has demonstrated removal of LNAPL and potential hydraulic control in the area of the release. A summary of recovered fluids and LNAPL from the WTU through September 18, 2026 is provided in Table 11.

4.4 Solar/Passive Skimmer System

Upon PADEP approval, installation and testing of solar-powered LNAPL skimmers (Solar Skimmer System) began on April 1, 2026. The skimmer system operated continually from April 21 to July 8, 2026.

The skimmer system is implemented as an interim and complimentary LNAPL recovery measure to actively address recoverable gasoline product identified in the shallow groundwater-bearing zone at the Site while the broader site characterization and remedial design advances. The system consisted of targeted skimmer-based LNAPL recovery from wells that are positioned in areas of observed product accumulation and elevated field indications. Specifically, from April 21, 2026 through July 8, 2026, the skimmer system recovered product from seven wells, namely: MW-1A, MW-1D, MW-1F, MW-1G, MW-1M, MW-6 and MW-27 (Figures 2A/2B). The skimmer system removed recoverable LNAPL from the water table under controlled conditions, reduces recoverable product thickness, and generates operational data to support evaluation of LNAPL mobility, recovery effectiveness, and subsequent remedial design decisions. The approved approach is consistent with the phased recovery-well installation program, which expands recovery capacity in prioritized areas while maintaining flexibility to optimize skimmer placement, pumping frequency, and recovery intervals based on gauging results, observed product response, and changing hydrogeologic conditions.

The solar skimmer system was temporarily shut down on July 9, 2026 to accommodate installation of the SVE/MPE remedial systems. On July 16, 2026, passive skimmers were deployed in monitoring wells MW-32, MW-66, MW-71 and MW-72 (see Figures 2A/2B) to the south-southwest of the Tank 708 basin. On July 28, 2026, the passive skimmers were moved to off-Site wells MW-A1, MW-A2, MW-B, and MW-C2 (see Figure 2A) where they remain as of September 18, 2026. LNAPL is removed from the passive skimmers on a near-daily basis.

Recovered product and associated fluids are managed in accordance with the Site's interim response procedures and applicable waste-management requirements. The system's performance is evaluated through routine gauging, product-recovery tracking, and comparison of LNAPL occurrence trends across the monitoring and recovery-well network.

A summary of recovered fluids and LNAPL from the solar/passive skimmers through September 18, 2026 is provided in Table 11.

4.5 Sub-Slab Depressurization System Installations

Three sub-slab depressurization systems (SSDS-A, SSDS-B, and SSDS-F) were installed on the off-Site property residences where VMP-A/SSMP-A/IA-A, VMP-B/SSMP-B/IA-B, and VMP-F/SSMP-F/IA-F are located, respectively. The systems were installed after the SSMP and/or IA samples collected from these off-Site residences indicated concentrations of gasoline-related VOCs above the applicable screening values discussed in Section 3.6. The systems were designed by Langan and installed by environmental remediation contractor AWT Environmental Services, Inc. (AWT) under Langan observation between May 9 and June 25, 2026.

Prior to installation, a field pilot test was performed at each property to assess sub-slab pneumatic behavior under negative pressure and to estimate the vacuum influence achievable at each vapor extraction point (VEP).

The SSDS design and schematic plans for SSDS-A and SSDS-B were previously discussed and provided within the Second Quarterly RAPR. For SSDS-F, the SSDS design consists of two VEPs beneath the basement slab and two VEPs installed in the basement walls. The system is equipped with either three vacuum monitoring points within the basement to assess sub-slab vacuum conditions and system performance. The schematic plan for SSDS-F is included herein as Appendix E.

The SSDS construction consists of 2-inch Schedule 40 PVC individual VEPs manifolded to a 3-inch Schedule 40 PVC main header pipe. The header pipe in each system penetrates the basement wall and is routed vertically as a vent riser along the exterior wall of the residence. Each riser is connected to an in-line fan installed at an accessible height above

ground surface. The discharge stack is located at least 10 feet away from any building openings

The VI assessments were completed in accordance with the VI Evaluation Plan submitted to the PADEP on January 13, 2026, and approved by PADEP on March 4, 2026, and in accordance with local building regulations, as applicable. Results from system start-up and subsequent operation, maintenance, and monitoring (OMM) events demonstrate that the SSDSs at the three properties are functioning as intended with regard to vacuum propagation across the building slab and meet design parameters necessary to mitigate the potential for VI. Post-installation IA samples were collected at all three properties to assess system performance. The post-installation results for SSDS-A and SSDS-B were previously provided within the Second Quarterly RAPR. The post-installation results for SSDS-F are provided in Table 10 and discussed in Section 3.6.3.

4.6 Soil Vapor Extraction and Multi-Phase Extraction System

Since submission of the Second Quarterly RAPR, a soil vapor extraction (SVE) remedial system was installed at the Site and began shakedown/operating on July 29, 2026. A multi-phase extraction system (MPE) system was installed at the Site and is currently undergoing testing and phased startup with monitoring; shakedown and optimization of the MPE system will advance during the fourth quarter of 2026. The SVE and MPE systems are intended to operate as the primary remedial systems at the Site to address the source area of the release and to reduce the potential for off-Site migration. The forthcoming Remedial Action Plan (RAP) will provide details and schematic plans for both the SVE and MPE remedial systems.

The SVE system is connected to all wells located in the Tank 708 berm area except for MW-1W, MW-1X, and MW-1Y. By applying a vacuum to piping manifolds connected to these wells, vapor phase contaminants are conveyed to two catalytic oxidizer units (model FALCO™ 600) for treatment (thermal destruction). As of July 29, 2026 (FALCO 2) and August 4, 2026 (FALCO 1), the oxidizer units were started up and are undergoing initial shakedown tests.

Sample ports and vacuum gauges were installed on each well connected to the SVE system, and influent and effluent vapor samples are collected periodically. The analytical and pressure data are used to extrapolate the thermal destruction rate (converted to

gallons) for estimating LNAPL recovery from the SVE system. As of September 18, 2026, an estimated 2,328 gallons of LNAPL have been recovered from the SVE system shakedown/operating activities, as shown in Table 11.

As of early September, the MPE system is undergoing active installation and phased startup with monitoring. The MPE system is being connected to select wells along the northwestern, western, and southwestern property boundaries that are (1) positioned along the property boundary and (2) exhibit relatively high multi-phase contaminant recoverability to reduce potential off-Site migration of LNAPL.

In general, the MPE system recovers LNAPL by applying vacuum to the connected wellfield to extract multiphase (i.e., LNAPL, vapor, aqueous) contaminants. The recovered multiphase contaminants are then separated into a liquid and vapor phase in vapor-liquid separator. Once separated, vapor phase contaminants are conveyed to an Anguil™ propane-fueled regenerative thermal oxidizer (RTO) for treatment (thermal destruction). Liquid phase contaminants are conveyed to liquid processing pipeline that consists of an 18,100-gallon pre-system process (weir) tank, an oil-water separator, a 1,000-gallon product tank, and a 1,000-gallon equalization/frac tank (for groundwater).

Recovered LNAPL is vacuumed from the 1,000-gallon product tank via vacuum truck connected to carbon air filtration and transported off-Site for proper management. Expected vapor streams generated by the liquid processing pipeline are vented to the RTO for thermal destruction. Effluent (groundwater) from the 1,000-gallon equalization/frac tank is treated by two granulated active carbon (GAC) filters prior to ultimate discharge to Boozers Run in Marcus Hook Borough, Delaware County, PA. Applicable sampling and discharge of treated groundwater will be performed consistent with the PADEP temporary discharge approval (Application No. 2325202; Authorization ID No. 1577543) originally approved March 4, 2026, and approved for extension to January 20, 2027, on July 23, 2026.

The RTO component of the MPE remedial system began operating on September 14, 2026, and it is currently extracting vapors from 10 onsite wells that contain LNAPL and are located west/southwest of Tank 708 basin. MIPC and Langan are monitoring Lower Explosive Limit (LEL) percentage and system vacuum pressures while performing shakedown and optimization of the RTO. As of September 18, 2026, an estimated 1,350

gallons of LNAPL have been recovered from the RTO during MPE system startup activities, as shown in Table 11.

Additional details including system design plans and an O&M plan will be provided in a forthcoming Remedial Action Plan (RAP) that will be submitted to the PADEP.

5.0 PUBLIC INVOLVEMENT ACTIVITIES THIS QUARTER

Within this section of the Revised RAPR is a summary of public involvement activities performed through mid-September 2026. Public involvement activities are outlined in the Public Involvement Plan (PIP) submitted by MIPC to the PADEP on January 16, 2026 (revised February 17, 2026 and March 2, 2026) and approved by the PADEP on March 6, 2026.

A summary of community outreach activities, including in-person visits and mailed correspondence, is provided as Table 12.

Additionally, MIPC maintains a public website (chelseatankupdates.com), which includes a description of the release, information regarding municipal office hours, phone and email contacts for residents, a portal to submit public comments, copies of the PADEP Order and PADEP letters, the public involvement plan, and links to electronic copies of plans and reports specified in Part 2.b. of the Order along with plain language summaries of certain documents, as well as the most recent version of the weekly progress report. The website also includes an update log and a Frequently Asked Questions (FAQ) subpage.

Hardcopy document repositories of plans and reports specified in Part 2.b. of the Order are maintained at each of the three municipal buildings, which is updated weekly.

5.1 Public Notices

Public notifications and deliverables are tracked according to the Remedial Action Implementation Schedule submitted to the PADEP on January 20, 2026 (revised February 18, 2026).

Since the Second Quarterly RAPR, a 30-day public comment period was opened for the Interim Site Characterization Report (ISCR). A legal ad was published in the June 19, 2026 issue of the Delaware County Times newspaper to notify the public of the 30-day open

comment period for the deliverable. A proof of publication and copy of that ad is included as part of Appendix F. Comments were received from one submitter during the public comment period for the ISCR. On July 30, 2026, MIPC/Langan submitted a letter to PADEP responding to the comments received for the ISCR. This letter was also published on the public website and a copy of the response letter is included as part of Appendix F.

A public notice was also published to announce the public meeting, as further described in Section 5.2 below.

5.2 Public Meetings

A public meeting was held virtually on July 7, 2026, at 6 PM EST. A legal ad was published in the June 9, 2026 edition of the Delaware County Times newspaper to notify the public of the meeting. A proof of publication and copy of that ad is included as part of Appendix F. A recording of the public meeting is posted to and available on the public website. Additionally, responses to comments and/or questions received as part of the July 7, 2026 public meeting that are relevant to the ISCR are included in the letter dated and submitted to PADEP on July 30, 2026, as discussed in Section 5.1. A copy of the July 30, 2026 letter is also included in Appendix F.

MIPC representatives hold open public sessions at each of the three municipal buildings (Aston Township, Bethel Township (sessions ceased as of August 2026, as described below), and Upper Chichester Township) on a standing monthly basis, per schedules suggested by each municipality. Specifically, an MIPC team member is present at the:

- Aston Township Building on the first Monday of the month;
- Bethel Township Building on the third Friday of the month (through August 2026); and
- Upper Chichester Township on the second Wednesday of the month.

As of August 2026, the Bethel Township Board of Supervisors confirmed that monthly sessions are not needed based on many consecutive months of low to no attendance. MIPC remains available to promptly respond to the public's questions, concerns, or comments via the dedicated telephone hotline and/or the dedicated email address, both of which are published on the public website and distributed frequently within fact sheets, letters and other correspondence.

5.3 Noise Monitoring

Noise monitoring is currently being performed to evaluate the potential for noise impacts to adjoining residential receptors during active drilling and recovery operations. Discrete sound level measurements are collected at representative locations near the Site boundary and at approximate receptor distances (e.g., approximately 400 feet from dominant noise sources). Results are used to guide operational controls (e.g., work hour restrictions, equipment enclosures, and temporary sound attenuation measures) as warranted.

6.0 REFERENCES

Langan Engineering and Environmental Services, LLC. January 13, 2026. Interim Remedial Action Plan/Vapor Intrusion Evaluation Plan & Schedule. Gasoline Release – Tank 708 Area, MIPC Chelsea Facility, Aston, PA. *[Previously Submitted to PADEP]*

Approved by PADEP Letter Dated March 4, 2026.

Langan Engineering and Environmental Services, LLC. January 13, 2026 (Revised March 13, 2026). Fenceline Perimeter Air Monitoring Plan. MIPC Chelsea Facility, Aston Township, PA. *[Previously Submitted to PADEP]*

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Approved by PADEP Letter Dated April 16, 2026.

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Langan Engineering and Environmental Services, LLC. June 9, 2026. Weekly Progress Report #24. MIPC Chelsea Facility, Aston, PA. *[Previously Submitted to PADEP]*

Langan Engineering and Environmental Services, LLC. June 16, 2026. Weekly Progress Report #25. MIPC Chelsea Facility, Aston, PA. *[Previously Submitted to PADEP]*

Langan Engineering and Environmental Services, LLC. June 19, 2026. Interim Site Characterization Report. MIPC Chelsea Facility, Aston Township, PA. *[Previously Submitted to PADEP]*

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Langan Engineering and Environmental Services, LLC. June 30, 2026. Weekly Progress Report #27. MIPC Chelsea Facility, Aston, PA. *[Previously Submitted to PADEP]*

Langan Engineering and Environmental Services, LLC. July 7, 2026. Weekly Progress Report #28. MIPC Chelsea Facility, Aston, PA. *[Previously Submitted to PADEP]*

Langan Engineering and Environmental Services, LLC. July 14, 2026. Weekly Progress Report #29. MIPC Chelsea Facility, Aston, PA. *[Previously Submitted to PADEP]*

Langan Engineering and Environmental Services, LLC. July 21, 2026. Weekly Progress Report #30. MIPC Chelsea Facility, Aston, PA. *[Previously Submitted to PADEP]*

Langan Engineering and Environmental Services, LLC. July 28, 2026. Weekly Progress Report #31. MIPC Chelsea Facility, Aston, PA. *[Previously Submitted to PADEP]*

Langan Engineering and Environmental Services, LLC. July 30, 2026. Responses to Public Comments and Questions, Interim Site Characterization Report. MIPC Chelsea Facility, Aston, PA. *[Previously Submitted to PADEP]*

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Langan Engineering and Environmental Services, LLC. August 13, 2026. Addendum to Fenceline Perimeter Air Monitoring Plan. MIPC Chelsea Facility, Aston Township, PA. *[Previously Submitted to PADEP]*

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Langan Engineering and Environmental Services, LLC. August 18, 2026. Weekly Progress Report #34. MIPC Chelsea Facility, Aston, PA. *[Previously Submitted to PADEP]*

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Langan Engineering and Environmental Services, LLC. September 1, 2026. Weekly Progress Report #36. MIPC Chelsea Facility, Aston, PA. *[Previously Submitted to PADEP]*

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Langan Engineering and Environmental Services, LLC. September 22, 2026. Weekly Progress Report #39. MIPC Chelsea Facility, Aston, PA. *[Previously Submitted to PADEP]*

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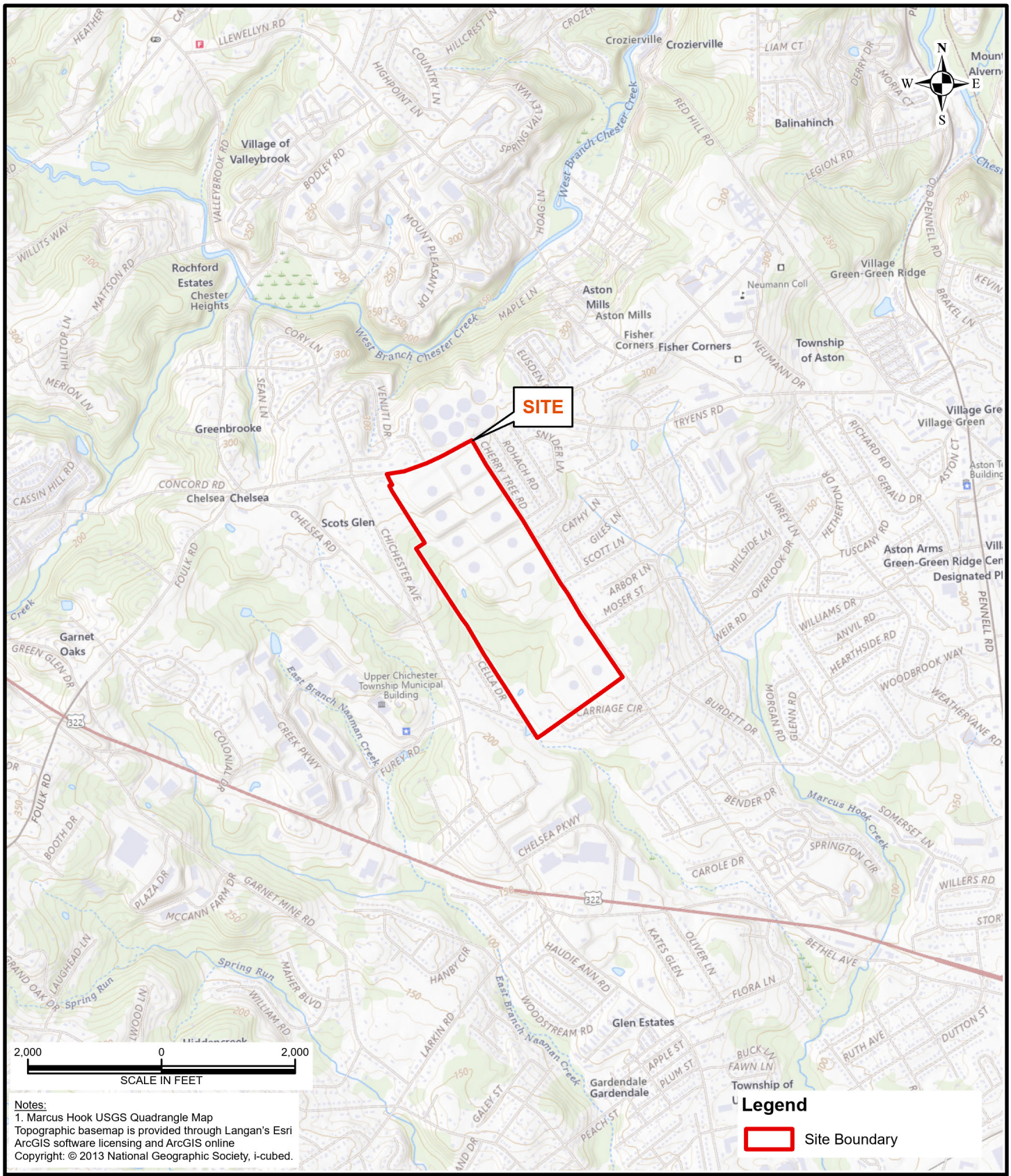
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FIGURES



Notes:
1. Marcus Hook USGS Quadrangle Map
Topographic basemap is provided through Langan's Esri ArcGIS software licensing and ArcGIS online
Copyright: © 2013 National Geographic Society, i-cubed.

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	SITE LOCATION MAP
Project No.	220240201
Date	6/4/2026
Scale	1"=2,000'
Drawn By	CH
Figure	1

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Legend

- Perimeter Air Monitoring Station (EPA Method TO-15)
- Monitoring Well Location - No LNAPL or Groundwater Exceedances
- Monitoring Well Location - Measurable LNAPL Present
- Monitoring Well Location - No LNAPL but Groundwater Exceedances
- 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 Private Potable Well Location Sampled by Langan
- Approximate Unused/Non-Potable Private Well Sampled by Langan
- Abandoned Private Potable Well Location
- 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:
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.
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

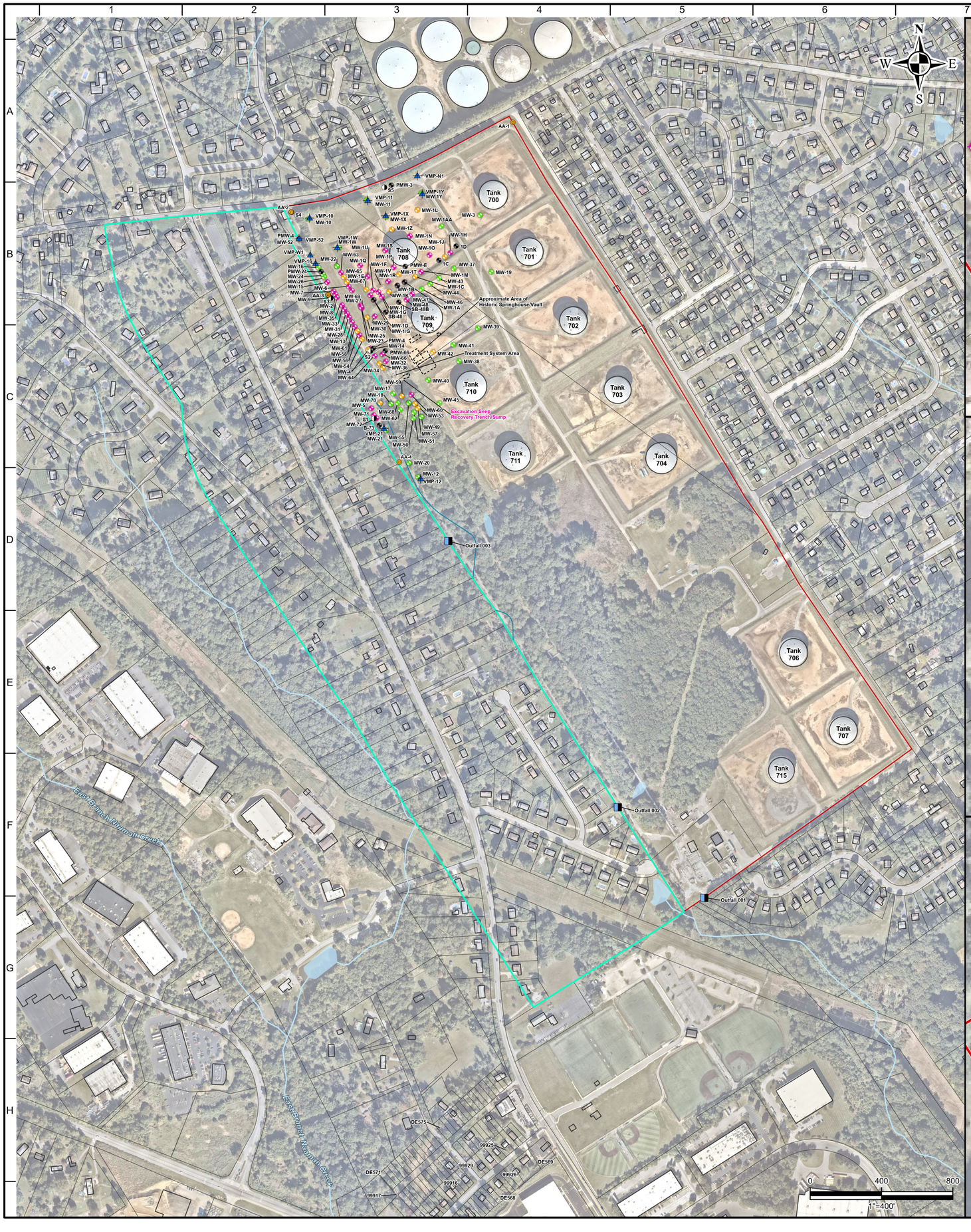
DELAWARE COUNTY PENNSYLVANIA

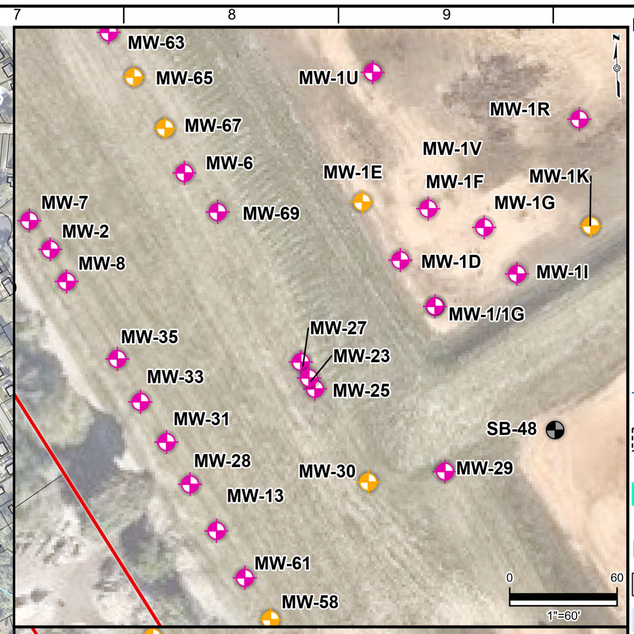
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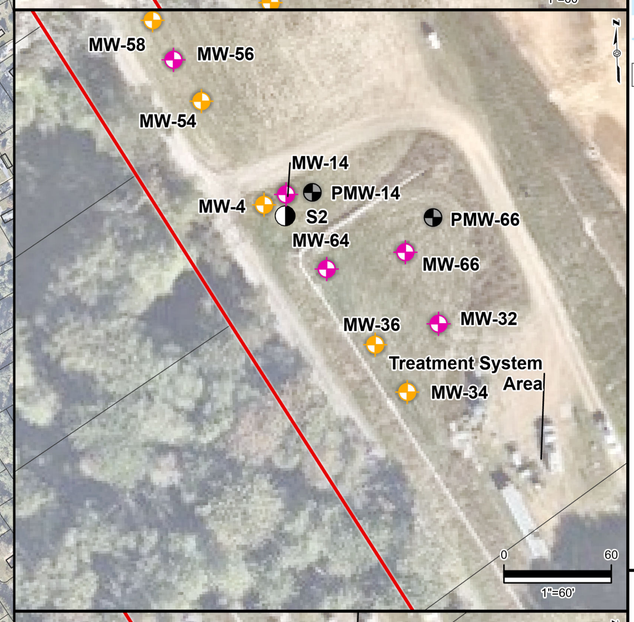
MIPC CHELSEA FACILITY

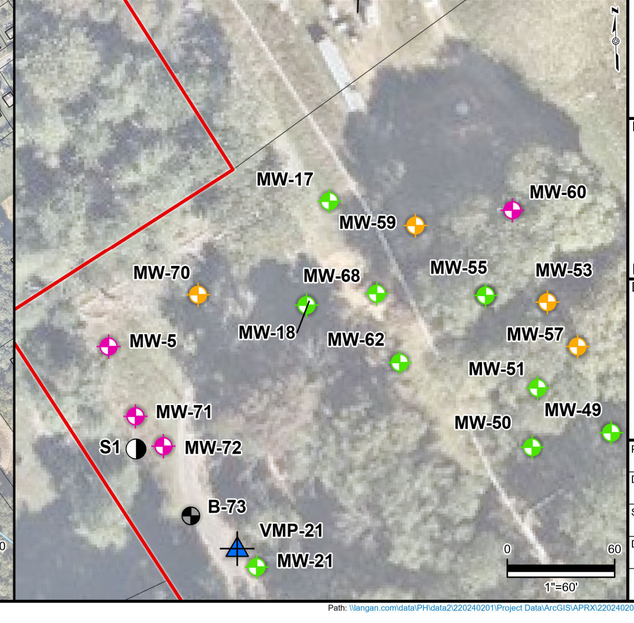
Project No. 220240201	Figure 2A
Date 9/28/2026	
Scale SEE MAP	
Drawn By CH	

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Legend

- Monitoring Well Location - No LNAPL or Groundwater Exceedances
- Monitoring Well Location - No LNAPL but Groundwater Exceedances
- Monitoring Well Location - Measurable LNAPL Present
- Perimeter Air Monitoring Station (EPA Method 325A/B)
- Perimeter Air Monitoring Station (EPA Method TO-15)
- Abandoned Soil Boring 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)
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- 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

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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 SITE ONLY

Project No. 220240201	Figure 2B
Date 9/28/2026	
Scale SEE MAP	
Drawn By CH	

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Legend

- Approximate Monitoring Well Location and ID
- Groundwater Contour
- Inferred Groundwater Contour
- Historic Site Feature
- Site Feature
- Site Boundary
- Parcel Boundary

0 140 280
SCALE IN FEET

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. Per US EPA guidance, depth-to-groundwater has been corrected to account for presence of gasoline Light Non-Aqueous Phase Liquid (LNAPL) using the formula: Corrected Depth-to-Water = Measured Depth-to-Water - (Product Thickness x Specific Gravity of Product). A specific gravity of 0.7 was used for gasoline product.
5. Product elevation and groundwater elevation are measured in ft NAVD 88.

ft - feet
NM - Not Measured

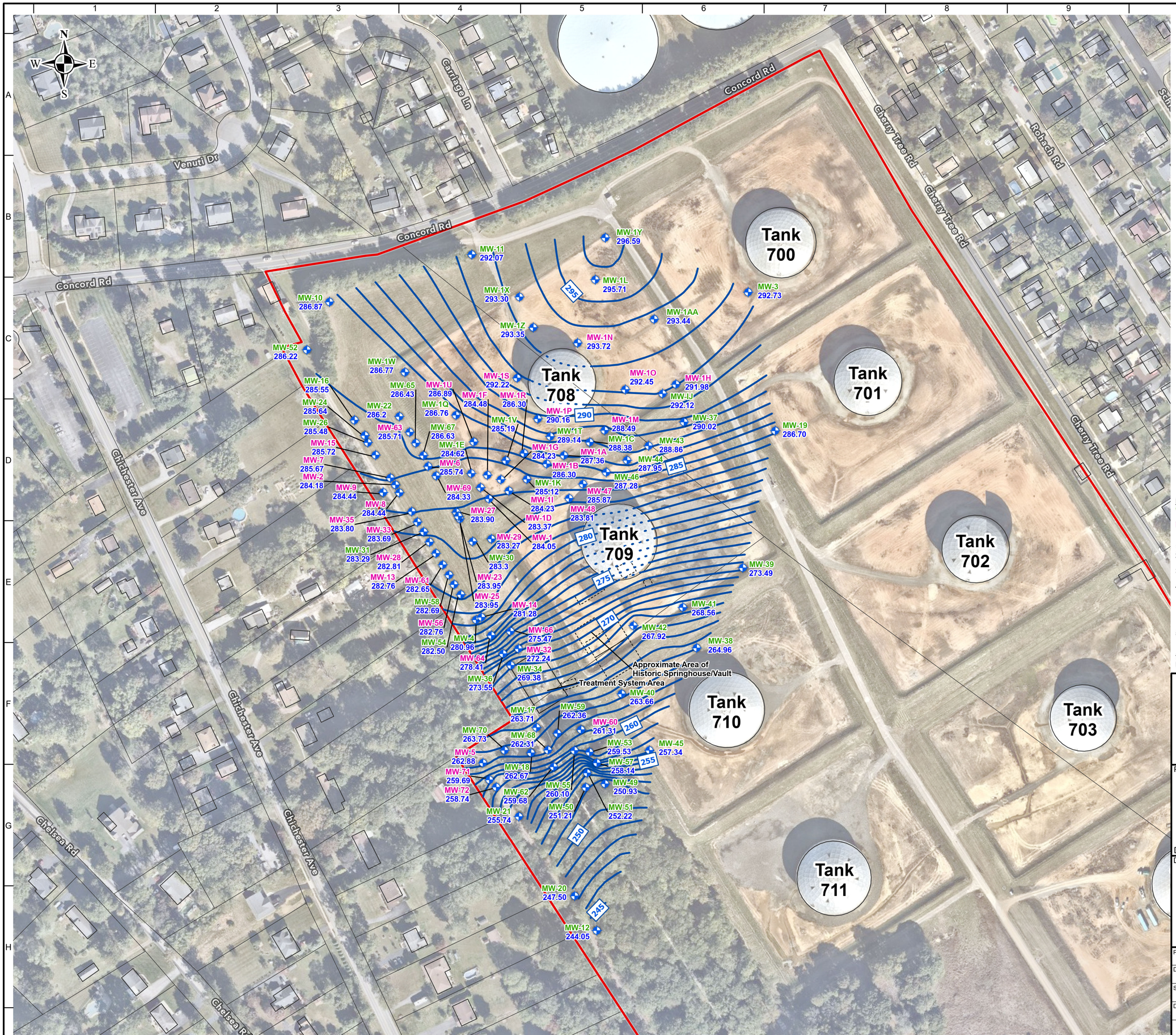
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Langan Engineering and Environmental Services, LLC
1818 Market Street, Suite 3300
Philadelphia, PA 19103-3638
T: 215.845.8946 F: 215.845.8901 www.langan.com

Project
MIPC CHELSEA FACILITY
920 CHERRY TREE ROAD
ASTON TOWNSHIP
DELAWARE COUNTY PENNSYLVANIA

Drawing Title
GROUNDWATER ELEVATION CONTOUR MAP (AUGUST 10, 2026)

Project No. 220240201	Figure 3A
Date 9/11/2026	
Scale 1"=140'	
Drawn By CH	

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Legend

- Approximate Monitoring Well Location and ID
- Groundwater Contour
- Inferred Groundwater Contour
- Historic Site Feature
- Site Feature
- Site Boundary
- Parcel Boundary

0 140 280
SCALE IN FEET

Notes:
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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

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920 CHERRY TREE ROAD
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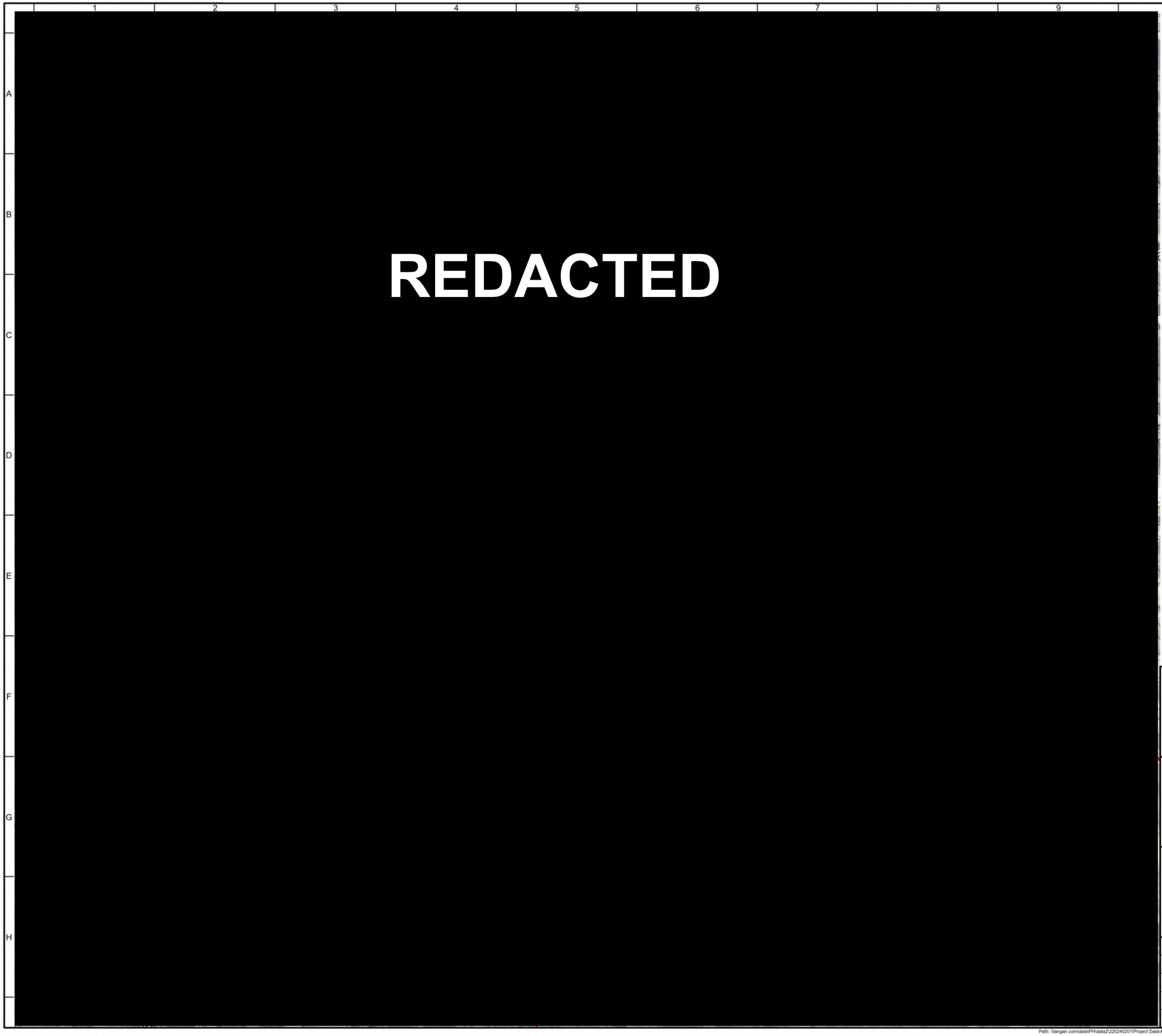
Drawing Title

GROUNDWATER ELEVATION CONTOUR MAP (AUGUST 10, 2026) SITE ONLY

Project No. 220240201	Figure 3B
Date 9/11/2026	
Scale 1"=140'	
Drawn By CH	

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Legend

- Approximate Monitoring Well Location and ID
- LNAPL Contour
- Inferred LNAPL Contour
- Historic Site Feature
- Site Feature
- Site Boundary
- Parcel Boundary

0 140 280
SCALE IN FEET

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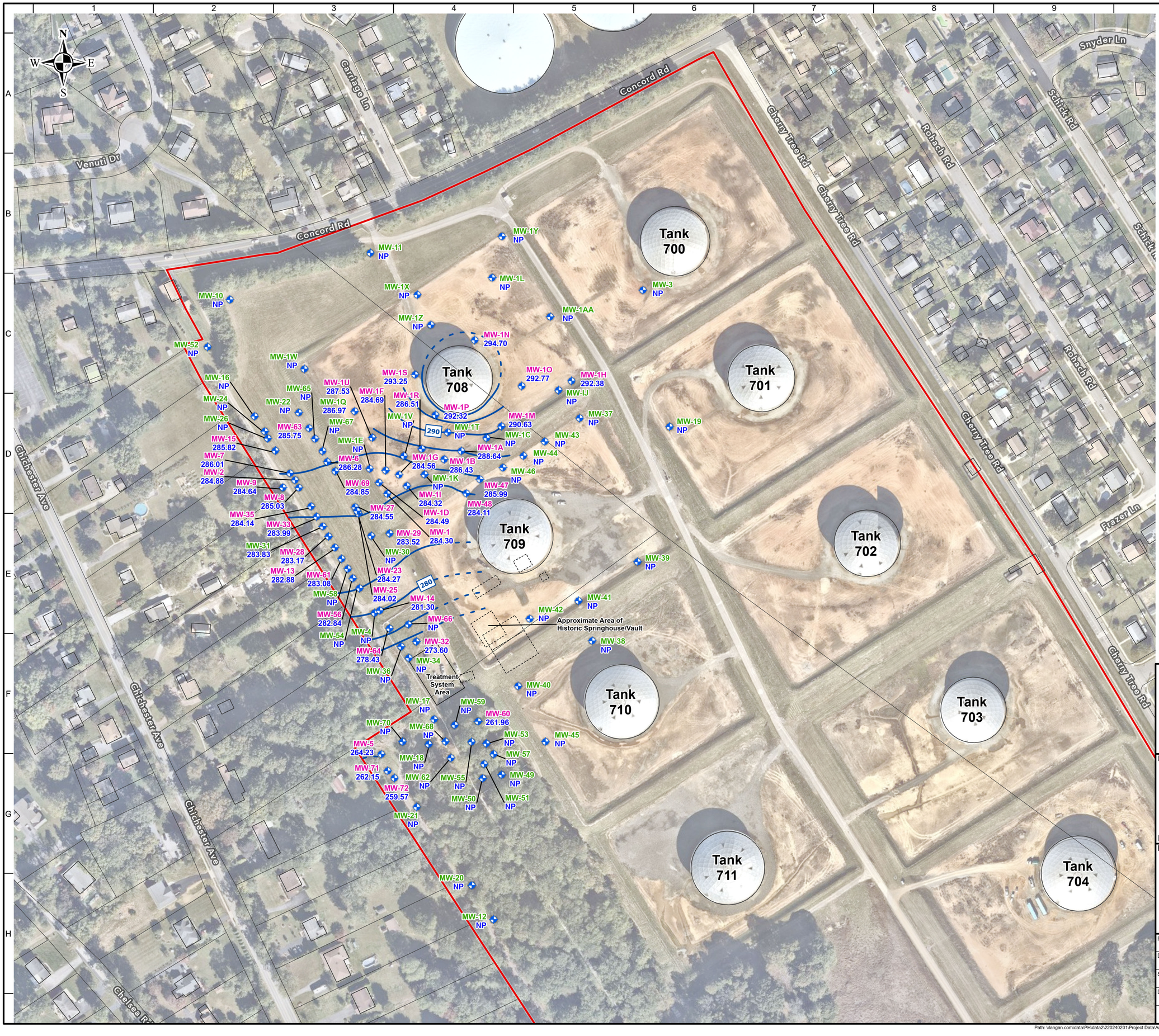
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Langan Engineering and Environmental Services, LLC
1818 Market Street, Suite 3300
Philadelphia, PA 19103-3638
T: 215.845.8946 F: 215.845.8901 www.langan.com

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ASTON TOWNSHIP
DELAWARE COUNTY PENNSYLVANIA

Drawing Title
LNAPL ELEVATION CONTOUR MAP (AUGUST 10, 2026)

Project No. 220240201	Figure 4A
Date 9/11/2026	
Scale 1"=140'	
Drawn By CH	

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Legend

- Approximate Monitoring Well Location and ID
- LNAPL Contour
- Inferred LNAPL Contour
- Historic Site Feature
- Site Feature
- Site Boundary
- Parcel Boundary

0 140 280
SCALE IN FEET

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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

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920 CHERRY TREE ROAD
ASTON TOWNSHIP
DELAWARE COUNTY PENNSYLVANIA

Drawing Title

LNAPL ELEVATION CONTOUR MAP (AUGUST 10, 2026) SITE ONLY

Project No. 220240201	Figure 4B
Date 9/11/2026	
Scale 1"=140'	
Drawn By CH	

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TABLES

Table 1A

Monitoring Well Construction and Survey Summary

MIPC Chelsea Facility

920 Cherry Tree Road, Aston Township, Pennsylvania 19014

Langan Project #220240201

Well ID	Date Well Installed	PVC Casing Diameter (inches)	Top of Screen Depth (ft bgs)	Bottom of Screen Depth (ft bgs)	Screen Length (ft)	Total Well Depth (ft bgs)	TOC Survey Elevation (ft NAVD 88)	Ground Surface Elevation (ft NAVD 88)
Onsite								
MW-1	11/25/2025	2	25	45	20	45	325.3300	322.7100
MW-1A	12/22/2025	4	26	46	20	46	326.7337	322.8200
MW-1AA	6/4/2026	4	20	43	23	43	326.4834	322.9293
MW-1B	12/17/2025	4	27	47	20	47	326.8026	322.8500
MW-1C	2/5/2026	4	25.5	50.5	25	50.5	326.4118	322.8000
MW-1D	2/9/2026	4	30.3	50.3	20	50.3	326.5849	322.5000
MW-1E	2/11/2026	4	30	50	20	50	326.7421	322.5000
MW-1F	2/13/2026	4	30	50	20	50	327.1155	322.8000
MW-1G	2/18/2026	4	30	50	20	50	326.5087	322.7000
MW-1H	2/19/2026	4	25	50	25	50	326.3721	322.5000
MW-1I	2/20/2026	4	25	50	25	50	325.8975	322.6000
MW-1J	2/24/2026	4	25	50	25	50	326.6645	322.8000
MW-1K	2/25/2026	4	25	50	25	50	326.6151	322.7000
MW-1L	2/26/2026	4	15	30	15	30	326.8809	322.8000
MW-1M	2/27/2026	4	20	50	30	50	326.7728	322.4000
MW-1N	4/14/2026	4	20	50	30	50	326.9884	322.8519
MW-1O	4/15/2026	4	20	58.5	38.5	58.5	326.6761	322.8122
MW-1P	4/16/2026	4	20	60	40	60	326.7375	322.9523
MW-1Q	4/22/2026	4	20	50	30	50	327.0884	322.9947
MW-1R	4/24/2026	4	20	50	30	50	326.8030	322.9372
MW-1S	4/29/2026	4	20	50	30	50	326.6719	322.9202
MW-1T	4/30/2026	4	20	55	35	55	326.5915	322.7932
MW-1U	5/14/2026	4	20	50	30	50	326.7135	322.8851
MW-1V	5/15/2026	4	20	47	27	47	326.4919	322.4123
MW-1W	5/20/2026	4	20	40	20	40	325.7142	322.9075
MW-1X	5/21/2026	4	20	40	20	40	325.4403	323.0805
MW-1Y	6/1/2026	4	10	30	20	30	325.4644	323.1480
MW-1Z	6/3/2026	4	20	42	22	42	327.1704	322.9346
MW-2	12/3/2025	4	11	31	20	31	307.1900	305.2400
MW-3	12/5/2025	2	21	41	20	41	320.0800	317.6700
MW-4	12/8/2025	4	4	24	20	24	284.8500	285.2800
MW-5	12/9/2025	4	3	15	12	15	268.6800	269.1300
MW-6	12/10/2025	4	14	34	20	34	312.4500	312.7600
MW-7	12/11/2025	4	10	30	20	30	310.0089	306.0500
MW-8	12/15/2025	4	10.5	30.5	20	30.5	308.4595	304.5100
MW-9	12/16/2025	4	10.5	30.5	20	30.5	307.4000	305.1000

See notes on last page

Table 1A

Monitoring Well Construction and Survey Summary

MIPC Chelsea Facility

920 Cherry Tree Road, Aston Township, Pennsylvania 19014

Langan Project #220240201

Well ID	Date Well Installed	PVC Casing Diameter (inches)	Top of Screen Depth (ft bgs)	Bottom of Screen Depth (ft bgs)	Screen Length (ft)	Total Well Depth (ft bgs)	TOC Survey Elevation (ft NAVD 88)	Ground Surface Elevation (ft NAVD 88)
MW-10	12/17/2025	4	22	42	20	42	324.3600	321.9200
MW-11	12/19/2025	4	19	39	20	39	331.7800	328.8000
MW-12	12/20/2025	4	3	15	12	15	253.9300	251.0700
MW-13	12/20/2025	4	10	30	20	30	299.3621	294.9600
MW-14	1/14/2026	4	3	15	12	15	286.5900	285.8400
MW-15	1/16/2026	4	15	37	22	37	310.4300	308.6000
MW-16	1/20/2026	4	15	40	25	40	313.0800	311.3000
MW-17	1/23/2026	4	4.5	19.5	15	19.5	271.1300	269.2000
MW-18	1/28/2026	4	5	20	15	20	268.5200	266.9000
MW-19	1/29/2026	4	15	30	15	30	308.2700	306.0000
MW-20	2/2/2026	4	5	20	15	20	258.3900	256.0000
MW-21	2/3/2026	4	5	19	14	19	266.9800	264.1000
MW-22	2/4/2026	4	30	50	20	50	317.7600	316.0000
MW-23	2/5/2026	4	5	30	25	30	305.6900	303.8000
MW-24	2/6/2026	4	15	36	21	36	311.9300	310.3000
MW-25	2/9/2026	4	15	35	20	35	305.3000	303.3000
MW-26	2/10/2026	4	15	35	20	35	311.1500	309.5000
MW-27	2/10/2026	4	15	35	20	35	305.9900	304.4000
MW-28	2/11/2026	4	8.5	28.5	20	28.5	299.6756	296.8000
MW-29	2/13/2026	4	10	34	24	34	303.1000	301.4000
MW-30	2/18/2026	4	9	24	15	24	300.9400	299.3000
MW-31	2/24/2026	4	10	30	20	30	301.2115	298.6000
MW-32	2/24/2026	4	5	20	15	20	280.8800	279.1000
MW-33	2/25/2026	4	10	25	15	25	303.0051	300.1000
MW-34	2/25/2026	4	3	20	17	20	278.5700	276.7000
MW-35	2/27/2026	4	5	20	15	20	304.6870	301.8000
MW-36	2/27/2026	4	5	18	13	18	280.8700	279.2000
MW-37	3/3/2026	4	5	30	25	30	298.3400	295.6000
MW-38	3/5/2026	4	3	17	14	17	268.0800	265.5000
MW-39	3/5/2026	4	5	25	20	25	297.5800	294.5000
MW-40	3/12/2026	4	5	20	15	20	267.7100	265.2000
MW-41	3/6/2026	4	5	30	25	30	297.6200	294.4000
MW-42	3/11/2026	4	14	44	30	44	296.5200	293.7000
MW-43	3/12/2026	4	5	40	35	40	297.3900	294.5000
MW-44	3/12/2026	4	5	35	30	35	296.8656	294.7062
MW-45	3/16/2026	4	3	21	18	21	268.5335	264.7251
MW-46	3/16/2026	4	5	30	25	30	297.0122	294.6322

See notes on last page

Table 1A

Monitoring Well Construction and Survey Summary

MIPC Chelsea Facility

920 Cherry Tree Road, Aston Township, Pennsylvania 19014

Langan Project #220240201

Well ID	Date Well Installed	PVC Casing Diameter (inches)	Top of Screen Depth (ft bgs)	Bottom of Screen Depth (ft bgs)	Screen Length (ft)	Total Well Depth (ft bgs)	TOC Survey Elevation (ft NAVD 88)	Ground Surface Elevation (ft NAVD 88)
MW-47	3/17/2026	4	5	25	20	25	298.0668	295.2899
MW-48	3/20/2026	4	5	17	12	17	297.3997	294.7192
MW-49	3/19/2026	4	6	26	20	26	260.9089	259.2484
MW-50	3/20/2026	4	5	25	20	25	261.8813	260.1965
MW-51	3/24/2026	4	5	25	20	25	262.9440	261.7631
MW-52	3/24/2026	4	20	45	25	45	319.7472	317.1189
MW-53	3/25/2026	4	2	18	16	18	263.8027	261.9189
MW-54	3/25/2026	4	5	30	25	30	291.9660	289.1550
MW-55	3/26/2026	4	5	25	20	25	264.5681	262.9168
MW-56	3/26/2026	4	5	30	25	30	293.1325	290.6106
MW-57	3/27/2026	4	5	22.5	17.5	22.5	263.0535	261.4480
MW-58	3/31/2026	4	5	30	25	30	294.7522	292.1310
MW-59	3/30/2026	4	5	25	20	25	268.5872	266.6590
MW-60	3/31/2026	4	3	25	22	25	268.1527	266.0448
MW-61	4/1/2026	4	5	30	25	30	297.3626	293.1135
MW-62	4/2/2026	4	5	25	20	25	267.1174	264.9321
MW-63	4/2/2026	4	20	50	30	50	319.5588	316.6986
MW-64	4/6/2026	4	3	11	8	11	284.1698	282.0989
MW-65	4/7/2026	4	25	50	25	50	319.0164	316.0301
MW-66	4/24/2026	4	3	12	9	12	284.4580	282.4735
MW-67	4/9/2026	4	20	50	30	50	318.7734	314.3914
MW-68	4/9/2026	4	5	30	25	30	269.0983	267.1668
MW-69	4/29/2026	4	15	40	25	40	313.4775	311.2387
MW-70	5/6/2026	4	3	18	15	18	269.8488	268.4274
MW-71	5/8/2026	4	5	30	25	30	269.0227	266.8233
MW-72	5/12/2026	4	5	20	15	20	268.7051	266.7895
Offsite								
MW-A1	4/14/2026	4	5	25	20	25	**REDACTED**	
MW-A2	4/16/2026	4	5	27	22	27		
MW-A3	5/4/2026	4	10	28	18	28		
MW-B	2/19/2026	4	10	25	15	25		
MW-B2	4/22/2026	4	6	26	20	26		
MW-B3	4/30/2026	4	12	27	15	27		
MW-C1	3/25/2026	4	10	30	20	30		
MW-C2	3/26/2026	4	5	20	15	20		
MW-C3	3/30/2026	4	5	20	15	20		
MW-C4	7/31/2026	4	9	29	20	29		

See notes on last page

Table 1A

Monitoring Well Construction and Survey Summary

MIPC Chelsea Facility

920 Cherry Tree Road, Aston Township, Pennsylvania 19014

Langan Project #220240201

Well ID	Date Well Installed	PVC Casing Diameter (inches)	Top of Screen Depth (ft bgs)	Bottom of Screen Depth (ft bgs)	Screen Length (ft)	Total Well Depth (ft bgs)	TOC Survey Elevation (ft NAVD 88)	Ground Surface Elevation (ft NAVD 88)
MW-C5	8/4/2026	4	10	30	20	30	**REDACTED**	
MW-D1	4/7/2026	4	5	20	15	20		
MW-F1	7/15/2026	4	7.5	32.5	25	32.5		
MW-F2	7/8/2026	4	5	17	12	17		
MW-F3	7/2/2026	4	3.5	23.5	20	23.5		
MW-J1	7/23/2026	4	4	19	15	19		
MW-J2	7/22/2026	4	10	30	20	30		
MW-J3	7/20/2026	4	9	34	25	34		
MW-N1	8/13/2026	4	9	34	25	34		
MW-N2	8/11/2026	4	10	35	25	35		
MW-N3	8/18/2026	4	10	30	20	30		
REDACTED	8/25/2026	4	15	33	18	33		
	9/9/2026	4	10	30	20	30		
	8/26/2026	4	12	32	20	32		
	9/8/2026	4	10	30	20	30		
	8/31/2026	4	10	30	20	30		
	9/1/2026	4	10	30	20	30		

Notes:

bgs = below ground surface

btoc = below top of casing

ft = feet

ID = identification

NAVD 88 = North American Vertical Datum of 1988

NM = not measured

NS = not surveyed

TOC = top of casing

See notes on last page

Table 1B

Vapor Monitoring Point Construction and Survey Summary

MIPC Chelsea Facility

920 Cherry Tree Road, Aston Township, Pennsylvania 19014

Langan Project #220240201

VMP IDs	Date Installed	Top of Screen Depth (ft bgs)	Bottom of Screen Depth (ft bgs)	Screen Length (in)	Total VMP Depth (ft bgs)	Ground Surface Elevation (ft NAVD 88)
Offsite						
VMP-A	4/17/2026	10.00	10.5	6	REDACTED	
VMP-B	1/27/2026	10.5	11.00	6		
VMP-C	8/4/2026	17.00	17.5	6		
VMP-F	7/7/2026	9.5	10.00	6		
VMP-J	7/22/2026	14.5	15.00	6		
VMP-N	8/14/2026	17.5	18.00	6		
Onsite						
VMP-10	5/6/2026	27.5	28.00	6	28.00	321.9056
VMP-11	5/6/2026	31.5	32.00	6	32.00	328.8365
VMP-12	5/8/2026	3.5	4.00	6	4.00	250.3268
VMP-16	5/7/2026	18.00	18.5	6	18.5	311.3683
VMP-1W	5/21/2026	31.5	32.00	6	32.00	322.9189
VMP-1X	5/21/2026	29.5	30.00	6	30.00	323.1548
VMP-1Y	5/20/2026	21.5	22.00	6	22.00	323.0561
VMP-21	5/13/2026	3.5	4.00	6	4.00	263.9406
VMP-52	5/5/2026	26.00	26.5	6	26.5	316.3618
VMP-N1	5/7/2026	33.5	34.00	6	34.00	329.3511
VMP-W1	5/7/2026	22.5	23.00	6	23.00	313.8861

Notes:

bgs = below ground surface

btoc = below top of casing

ft = feet

ID = identification

NAVD 88 = North American Vertical Datum of 1988

NM = not measured

NS = not surveyed

TOC = top of casing

Table 2A
Site-Wide Synoptic Groundwater LNAPL Gauging Summary: July to August 2026
MIPC Chelsea Facility
920 Cherry Tree Road, Aston Township, Delaware County, Pennsylvania 19014
Project No.: 220240201

	7/13/2026						8/10/2026					
Well ID	**Depth to product (ft btoc)**	**Depth to Groundwater (ft btoc)**	**Apparent Product Thickness (ft)**	**Corrected Depth to Groundwater (ft btoc)***	**Product Elevation (ft NAVD 88)**	**Groundwater Elevation (ft NAVD 88)**	**Depth to product (ft btoc)**	**Depth to Groundwater (ft btoc)**	**Apparent Product Thickness (ft)**	**Corrected Depth to Groundwater (ft btoc)***	**Product Elevation (ft NAVD 88)**	**Groundwater Elevation (ft NAVD 88)**
MW-1	40.84	41.72	0.88	41.10	284.4900	284.2260	41.03	41.87	0.84	41.28	284.3000	284.0480
MW-10	ND	37.11	NP	37.11	NP	287.2500	ND	37.49	NP	37.49	NP	286.8700
MW-11	ND	39.68	NP	39.68	NP	292.1000	ND	39.71	NP	39.71	NP	292.0700
MW-12	ND	9.65	NP	9.65	NP	244.2800	ND	9.88	NP	9.88	NP	244.0500
MW-13	14.98	15.22	0.24	15.05	284.3821	284.3101	16.48	16.89	0.41	16.60	282.8821	282.7591
MW-14	4.91	4.93	0.02	4.92	281.6800	281.6740	5.29	5.35	0.06	5.31	281.3000	281.2820
MW-15	24.33	24.6	0.27	24.41	286.1000	286.0190	24.61	24.93	0.32	24.71	285.8200	285.7240
MW-16	ND	27.15	NP	27.15	NP	285.9300	ND	27.53	NP	27.53	NP	285.5500
MW-17	ND	7.01	NP	7.01	NP	264.1200	ND	7.42	NP	7.42	NP	263.7100
MW-18	ND	5.43	NP	5.43	NP	263.0900	ND	5.85	NP	5.85	NP	262.6700
MW-19	ND	21.46	NP	21.46	NP	286.8100	ND	21.57	NP	21.57	NP	286.7000
MW-1A	NM	NM	NM	NM	NM	NM	38.09	42.37	4.28	39.37	288.6437	287.3597
MW-1AA	ND	31.89	NP	31.89	NP	294.5934	ND	33.04	NP	33.04	NP	293.4434
MW-1B	34.61	35.03	0.42	34.74	288.2400	288.1140	40.37	40.82	0.45	40.51	286.4326	286.2976
MW-1C	ND	36.84	NP	36.84	NP	289.5718	ND	38.03	NP	38.03	NP	288.3818
MW-1D	NM	NM	NM	NM	NM	NM	42.09	43.21	1.12	42.43	284.4949	284.1589
MW-1E	ND	37.49	NP	37.49	NP	285.0100	ND	42.12	NP	42.12	NP	284.6221
MW-1F	37.20	39.04	1.84	37.75	285.6000	285.0480	42.43	43.1	0.67	42.63	284.6855	284.4845
MW-1G	36.31	36.7	0.39	36.43	286.3900	286.2730	41.95	43.04	1.09	42.28	284.5587	284.2317
MW-1H	32.73	34.11	1.38	33.14	293.6421	293.2281	33.99	35.32	1.33	34.39	292.3821	291.9831
MW-1I	37.80	40.43	2.63	38.59	284.8000	284.0110	41.58	41.88	0.30	41.67	284.3175	284.2275
MW-1J	ND	37.38	NP	37.38	NP	289.2845	ND	34.54	NP	34.54	NP	292.1245
MW-1K	ND	37.59	NP	37.59	NP	289.0251	ND	41.5	NP	41.50	NP	285.1151
MW-1L	ND	29.88	NP	29.88	NP	297.0009	ND	31.17	NP	31.17	NP	295.7109
MW-1M	NM	NM	NM	NM	NM	NM	36.14	38.28	2.14	36.78	290.6328	289.9908
MW-1N	31.05	34.27	3.22	32.02	295.9384	294.9724	32.29	35.54	3.25	33.27	294.6984	293.7234
MW-1O	ND	32.78	NP	32.78	NP	293.8961	33.91	34.97	1.06	34.23	292.7661	292.4481
MW-1P	NM	NM	NM	NM	NM	NM	34.42	41.6	7.18	36.57	292.3175	290.1635
MW-1Q	35.55	36.25	0.70	35.76	287.4447	287.2347	40.12	40.83	0.71	40.33	286.9684	286.7554
MW-1R	36.28	36.82	0.54	36.44	286.6572	286.4952	40.29	41.01	0.72	40.51	286.5130	286.2970
MW-1S	29.44	33.19	3.75	30.57	297.2319	296.1069	33.42	36.85	3.43	34.45	293.2519	292.2229
MW-1T	ND	33.83	NP	33.83	NP	288.9632	ND	37.45	NP	37.45	NP	289.1415
MW-1U	35.03	37.15	2.12	35.67	291.6835	291.0475	39.18	41.33	2.15	39.83	287.5335	286.8885
MW-1V	ND	37.41	NP	37.41	NP	289.0819	ND	41.3	NP	41.30	NP	285.1919
MW-1W	ND	38.74	NP	38.74	NP	286.9742	ND	38.94	NP	38.94	NP	286.7742
MW-1X	ND	32.26	NP	32.26	NP	293.1803	ND	32.14	NP	32.14	NP	293.3003

See notes on last page

Table 2A
Site-Wide Synoptic Groundwater LNAPL Gauging Summary: July to August 2026
MIPC Chelsea Facility
920 Cherry Tree Road, Aston Township, Delaware County, Pennsylvania 19014
Project No.: 220240201

	7/13/2026						8/10/2026					
Well ID	**Depth to product (ft btoc)**	**Depth to Groundwater (ft btoc)**	**Apparent Product Thickness (ft)**	**Corrected Depth to Groundwater (ft btoc)***	**Product Elevation (ft NAVD 88)**	**Groundwater Elevation (ft NAVD 88)**	**Depth to product (ft btoc)**	**Depth to Groundwater (ft btoc)**	**Apparent Product Thickness (ft)**	**Corrected Depth to Groundwater (ft btoc)***	**Product Elevation (ft NAVD 88)**	**Groundwater Elevation (ft NAVD 88)**
MW-1Y	ND	29.21	NP	29.21	NP	296.2544	ND	28.87	NP	28.87	NP	296.5944
MW-1Z	ND	32.59	NP	32.59	NP	294.5804	ND	33.82	NP	33.82	NP	293.3504
MW-2	21.34	23.9	2.56	22.11	285.8500	285.0820	22.31	24.63	2.32	23.01	284.8800	284.1840
MW-20	ND	11.72	NP	11.72	NP	246.6700	ND	11.5	NP	11.50	NP	246.8900
MW-21	ND	10.73	NP	10.73	NP	256.2500	ND	11.24	NP	11.24	NP	255.7400
MW-22	ND	31.22	NP	31.22	NP	286.5400	ND	31.56	NP	31.56	NP	286.2000
MW-23	21.32	22.12	0.80	21.56	284.3700	284.1300	21.42	22.49	1.07	21.74	284.2700	283.9490
MW-24	ND	25.94	NP	25.94	NP	285.9900	ND	26.29	NP	26.29	NP	285.6400
MW-25	21.14	21.26	0.12	21.18	284.1600	284.1240	21.28	21.52	0.24	21.35	284.0200	283.9480
MW-26	ND	25.26	NP	25.26	NP	285.8900	ND	25.67	NP	25.67	NP	285.4800
MW-27	21.31	23.2	1.89	21.88	284.6800	284.1130	21.44	23.6	2.16	22.09	284.5500	283.9020
MW-28	14.92	16.2	1.28	15.30	284.7556	284.3716	16.51	17.7	1.19	16.87	283.1656	282.8086
MW-29	19.50	20.35	0.85	19.76	283.6000	283.3450	19.58	20.43	0.85	19.84	283.5200	283.2650
MW-3	ND	27.23	NP	27.23	NP	292.8500	ND	27.35	NP	27.35	NP	292.7300
MW-30	ND	17.53	NP	17.53	NP	283.4100	ND	17.64	NP	17.64	NP	283.3000
MW-31	15.02	15.38	0.36	15.13	286.1915	286.0835	17.38	19.17	1.79	17.92	283.8315	283.2945
MW-32	7.50	10.72	3.22	8.47	273.3800	272.4140	7.28	11.8	4.52	8.64	273.6000	272.2440
MW-33	17.38	18.32	0.94	17.66	285.6251	285.3431	19.02	19.99	0.97	19.31	283.9851	283.6941
MW-34	ND	8.96	NP	8.96	NP	269.6100	ND	9.19	NP	9.19	NP	269.3800
MW-35	18.90	20.8	1.90	19.47	285.7870	285.2170	20.55	21.69	1.14	20.89	284.1370	283.7950
MW-36	ND	7.14	NP	7.14	NP	273.7300	ND	7.32	NP	7.32	NP	273.5500
MW-37	ND	8.42	NP	8.42	NP	289.9200	ND	8.32	NP	8.32	NP	290.0200
MW-38	ND	3.08	NP	3.08	NP	265.0000	ND	3.12	NP	3.12	NP	264.9600
MW-39	ND	24.24	NP	24.24	NP	273.3400	ND	24.09	NP	24.09	NP	273.4900
MW-4	ND	3.75	NP	3.75	NP	281.1000	ND	3.89	NP	3.89	NP	280.9600
MW-40	ND	3.91	NP	3.91	NP	263.8000	ND	4.05	NP	4.05	NP	263.6600
MW-41	ND	29.1	NP	29.10	NP	268.5200	ND	29.06	NP	29.06	NP	268.5600
MW-42	ND	28.68	NP	28.68	NP	267.8400	ND	28.6	NP	28.60	NP	267.9200
MW-43	ND	8.68	NP	8.68	NP	288.7100	ND	8.53	NP	8.53	NP	288.8600
MW-44	ND	9.04	NP	9.04	NP	287.8256	ND	8.92	NP	8.92	NP	287.9456
MW-45	ND	10.96	NP	10.96	NP	257.5735	ND	11.19	NP	11.19	NP	257.3435
MW-46	ND	9.83	NP	9.83	NP	287.1822	ND	9.73	NP	9.73	NP	287.2822
MW-47	12.14	13.31	1.17	12.49	285.9268	285.5758	12.08	13.46	1.38	12.49	285.9868	285.5728
MW-48	13.29	14.25	0.96	13.58	284.1097	283.8217	13.29	14.3	1.01	13.59	284.1097	283.8067
MW-49	ND	9.67	NP	9.67	NP	251.2389	ND	9.98	NP	9.98	NP	250.9289
MW-5	3.90	8.43	4.53	5.26	264.7800	263.4210	4.45	8.95	4.50	5.80	264.2300	262.8800

See notes on last page

Table 2A
Site-Wide Synoptic Groundwater LNAPL Gauging Summary: July to August 2026
MIPC Chelsea Facility
920 Cherry Tree Road, Aston Township, Delaware County, Pennsylvania 19014
Project No.: 220240201

	7/13/2026						8/10/2026					
Well ID	**Depth to product (ft btoc)**	**Depth to Groundwater (ft btoc)**	**Apparent Product Thickness (ft)**	**Corrected Depth to Groundwater (ft btoc)***	**Product Elevation (ft NAVD 88)**	**Groundwater Elevation (ft NAVD 88)**	**Depth to product (ft btoc)**	**Depth to Groundwater (ft btoc)**	**Apparent Product Thickness (ft)**	**Corrected Depth to Groundwater (ft btoc)***	**Product Elevation (ft NAVD 88)**	**Groundwater Elevation (ft NAVD 88)**
MW-50	ND	10.32	NP	10.32	NP	251.5613	ND	10.67	NP	10.67	NP	251.2113
MW-51	ND	9.74	NP	9.74	NP	253.2040	ND	10.08	NP	10.08	NP	252.8640
MW-52	ND	33.4	NP	33.40	NP	286.3472	ND	33.53	NP	33.53	NP	286.2172
MW-53	3.70	3.71	0.01	3.70	260.1027	260.0997	ND	4.27	NP	4.27	NP	259.5327
MW-54	ND	9.32	NP	9.32	NP	282.6460	ND	9.47	NP	9.47	NP	282.4960
MW-55	ND	4.09	NP	4.09	NP	260.4781	ND	4.47	NP	4.47	NP	260.0981
MW-56	10.21	10.36	0.15	10.26	282.9225	282.8775	10.29	10.58	0.29	10.38	282.8425	282.7555
MW-57	ND	4.58	NP	4.58	NP	258.4735	ND	4.91	NP	4.91	NP	258.1435
MW-58	ND	11.89	NP	11.89	NP	282.8622	ND	12.06	NP	12.06	NP	282.6922
MW-59	ND	5.86	NP	5.86	NP	262.7272	ND	6.23	NP	6.23	NP	262.3572
MW-6	26.02	27.74	1.72	26.54	286.4300	285.9140	26.17	27.98	1.81	26.71	286.2800	285.7370
MW-60	5.63	7.78	2.15	6.28	262.5227	261.8777	6.19	8.38	2.19	6.85	261.9627	261.3057
MW-61	12.70	14.26	1.56	13.17	284.6626	284.1946	14.28	15.71	1.43	14.71	283.0826	282.6536
MW-62	ND	7.03	NP	7.03	NP	260.0874	ND	7.44	NP	7.44	NP	259.6774
MW-63	32.58	33.73	1.15	32.93	286.9788	286.6338	33.81	33.94	0.13	33.85	285.7488	285.7098
MW-64	5.61	5.62	0.01	5.61	278.5598	278.5568	5.74	5.82	0.08	5.76	278.4298	278.4058
MW-65	ND	32.34	NP	32.34	NP	286.6764	ND	32.59	NP	32.59	NP	286.4264
MW-66	7.82	10.52	2.70	8.63	276.6380	275.8280	7.83	11.68	3.85	8.99	276.6280	275.4730
MW-67	ND	30.97	NP	30.97	NP	287.8034	ND	31.14	NP	31.14	NP	287.6334
MW-68	ND	6.38	NP	6.38	NP	262.7183	ND	6.79	NP	6.79	NP	262.3083
MW-69	28.42	30.17	1.75	28.95	285.0575	284.5325	28.63	30.34	1.71	29.14	284.8475	284.3345
MW-7	21.57	22.88	1.31	21.96	288.4389	288.0459	24.00	25.12	1.12	24.34	286.0089	285.6729
MW-70	ND	5.68	NP	5.68	NP	264.1688	ND	6.12	NP	6.12	NP	263.7288
MW-71	6.25	14.75	8.50	8.80	262.7727	260.2227	6.87	15.09	8.22	9.34	262.1527	259.6867
MW-72	9.55	9.76	0.21	9.61	259.2068	259.1438	9.19	11.95	2.76	10.02	259.5668	258.7388
MW-8	21.23	23.06	1.83	21.78	287.2295	286.6805	23.43	25.4	1.97	24.02	285.0295	284.4385
MW-9	22.54	22.82	0.28	22.62	284.8600	284.7760	22.76	23.43	0.67	22.96	284.6400	284.4390
MW-A1	14.59	16.62	2.03	15.20	REDACTED		15.16	16.62	1.46	15.60	REDACTED	
MW-A2	7.40	9.44	2.04	8.01			7.65	9.83	2.18	8.30		
MW-A3	ND	19.67	NP	19.67			20.19	20.22	0.03	20.20		
MW-B	13.87	15.47	1.60	14.35			14.60	16.95	2.35	15.31		
MW-B2	5.82	6.73	0.91	6.09			5.93	8.49	2.56	6.70		
MW-B3	20.80	21.14	0.34	20.90			21.19	21.81	0.62	21.38		
MW-C1	ND	16.31	NP	16.31			ND	17.03	NP	17.03		
MW-C2	8.00	12.01	4.01	9.20			8.97	11.9	2.93	9.85		
MW-C3	ND	10.00	NP	10.00			ND	7.4	NP	7.40		

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Table 2A
Site-Wide Synoptic Groundwater LNAPL Gauging Summary: July to August 2026
MIPC Chelsea Facility
920 Cherry Tree Road, Aston Township, Delaware County, Pennsylvania 19014
Project No.: 220240201

	7/13/2026						8/10/2026					
Well ID	**Depth to product (ft btoc)**	**Depth to Groundwater (ft btoc)**	**Apparent Product Thickness (ft)**	**Corrected Depth to Groundwater (ft btoc)***	**Product Elevation (ft NAVD 88)**	**Groundwater Elevation (ft NAVD 88)**	**Depth to product (ft btoc)**	**Depth to Groundwater (ft btoc)**	**Apparent Product Thickness (ft)**	**Corrected Depth to Groundwater (ft btoc)***	**Product Elevation (ft NAVD 88)**	**Groundwater Elevation (ft NAVD 88)**
MW-C4	NM	NM	NM	NM	REDACTED		ND	23.95	NP	23.95	REDACTED	
MW-C5	NM	NM	NM	NM			ND	19.18	NP	19.18		
MW-D1	ND	8.78	NP	8.78			ND	9.35	NP	9.35		
MW-F1	NM	NM	NM	NM			ND	18.59	NP	18.59		
MW-F2	ND	14.34	NP	14.34			ND	14.65	NP	14.65		
MW-F3	13.10	13.11	0.01	13.10			13.40	13.41	0.01	13.40		
MW-J1	NM	NM	NM	NM			16.05	16.83	0.78	16.28		
MW-J2	NM	NM	NM	NM			ND	16.59	NP	16.59		
MW-J3	NM	NM	NM	NM			ND	16.55	NP	16.55		
MW-N1	NM	NM	NM	NM			ND	18.32	NP	18.32		
MW-N2	NM	NM	NM	NM			ND	20.16	NP	20.16		

Notes:
bgs = below ground surface
btoc = below top of casing
ft = feet
ID = identification
NAVD 88 = North American Vertical Datum of 1988
ND = not detected
NM = not measured
NP = no product
NS = not surveyed
TOC = top of casing
* = Per US EPA guidance, depth-to-groundwater has been corrected to account for presence of gasoline Light Non-Aqueous Phase Liquid (LNAPL) using the formula: Corrected Depth-to-Water = Measured Depth-to-Water - (Product Thickness x Specific Gravity of Product). A specific gravity of 0.7 was used for gasoline product. If no product was measurable, the regular depth to groundwatervalue is reported as the corrected depth to groundwater value.

PVC height (i.e., TOC Survey Elevation) was altered by a subcontractor for treatment system installation. Depth to Product and Depth to Groundwater measured from ground surface, approximately.

An absorbent sock was present in MW-A3 during the sitewide gauging event on 8/10/26. The sock was temporarily removed to facilitate gauging and then placed back into the well. During the 8/10/26 gauging, no detectable (ND) product was measured in the well. Langan returned to MW-A3 on 8/13/26 to remove the absorbent sock from the well to allow it to equilibrate to background conditions with no influence from the absorbent sock. Langan returned again on 8/14/26 to perform gauging, which revealed measurable product in MW-A3. The 8/14/26 gauging data is reported as part of the sitewide gauging data from 8/10/26 as the well condition is considered more representative of equilibrium conditions.

MW-N1 and MW-N2 were gauged on 8/19/26 and 8/21/26, respectively. Because minimal to no LNAPL recovery activities (i.e., VEFR) with potential to meaningfully influence the water table were performed between 8/10/26 and 8/21/26, gauging data from MW-N1 and MW-N2 are considered representative of conditions during the 8/10/26 sitewide gauging event.

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Table 2B
Routine Focused Groundwater / LNAPL Gauging Summary: June to September 2026
MIPC Chelsea Facility
920 Cherry Tree Road, Aston Township, Delaware County, Pennsylvania 19014
Project No.: 220240201

Well ID	6/12/2026						6/17/2026					
	Depth to product (ft btoc)	Depth to Groundwater (ft btoc)	Apparent Product Thickness (ft)	Corrected Depth to Groundwater (ft btoc)*	Product Elevation (ft NAVD 88)	Groundwater Elevation (ft NAVD 88)	Depth to product (ft btoc)	Depth to Groundwater (ft btoc)	Apparent Product Thickness (ft)	Corrected Depth to Groundwater (ft btoc)*	Product Elevation (ft NAVD 88)	Groundwater Elevation (ft NAVD 88)
MW-J3	NM	NM	NM	NM	REDACTED		NM	NM	NM	NM	REDACTED	
MW-J2	NM	NM	NM	NM			NM	NM	NM	NM		
MW-J1	NM	NM	NM	NM			NM	NM	NM	NM		
MW-F3	NM	NM	NM	NM			NM	NM	NM	NM		
MW-F2	NM	NM	NM	NM			NM	NM	NM	NM		
MW-F1	NM	NM	NM	NM			NM	NM	NM	NM		
MW-D1	ND	10.59	NP	10.59			ND	8.62	NP	8.62		
MW-C3	NM	NM	NM	NM			NM	NM	NM	NM		
MW-C2	8.90	9.00	0.10	8.93			NM	NM	NM	NM		
MW-C1	NM	NM	NM	NM			NM	NM	NM	NM		
MW-B3	20.30	20.6	0.30	20.39			20.30	20.63	0.33	20.40		
MW-B2	5.90	7.18	1.28	6.28			5.99	6.33	0.34	6.09		
MW-B	13.60	15.04	1.44	14.03			13.61	14.84	1.23	13.98		
MW-A3	NM	NM	NM	NM			NM	NM	NM	NM		
MW-A2	NM	NM	NM	NM			NM	NM	NM	NM		
MW-A1	NM	NM	NM	NM			NM	NM	NM	NM		
MW-72	9.08	9.8	0.72	9.30	259.6768	259.4608	NM	NM	NM	NM	NM	NM
MW-71	6.86	12.56	5.70	8.57	262.1627	260.4527	NM	NM	NM	NM	NM	NM
MW-70	ND	5.77	NP	5.77	NP	264.0788	ND	5.73	NP	5.73	NP	264.1188
MW-68	ND	6.65	NP	6.65	NP	262.4483	NM	NM	NM	NM	NM	NM
MW-66	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-64	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-62	ND	7.24	NP	7.24	NP	259.8774	NM	NM	NM	NM	NM	NM
MW-61	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-60	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-6	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
REDACTED	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-59	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-57	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-56	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-55	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-53	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-51	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-50	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-5	4.21	7.81	3.60	5.29	264.4700	263.3900	NM	NM	NM	NM	NM	NM

See notes on last page

Table 2B
Routine Focused Groundwater / LNAPL Gauging Summary: June to September 2026
MIPC Chelsea Facility
920 Cherry Tree Road, Aston Township, Delaware County, Pennsylvania 19014
Project No.: 220240201

Well ID	6/12/2026						6/17/2026					
	Depth to product (ft btoc)	Depth to Groundwater (ft btoc)	Apparent Product Thickness (ft)	Corrected Depth to Groundwater (ft btoc)*	Product Elevation (ft NAVD 88)	Groundwater Elevation (ft NAVD 88)	Depth to product (ft btoc)	Depth to Groundwater (ft btoc)	Apparent Product Thickness (ft)	Corrected Depth to Groundwater (ft btoc)*	Product Elevation (ft NAVD 88)	Groundwater Elevation (ft NAVD 88)
MW-49	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-4	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-36	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-35	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-34	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-33	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-32	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-28	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-27	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-22	NM	NM	NM	NM	NM	NM	8.82	9.11	0.29	8.91	308.9400	308.8530
MW-21	ND	10.67	NP	10.67	NP	256.3100	ND	10.66	NP	10.66	NP	256.3200
MW-20	ND	11.14	NP	11.14	NP	247.2500	NM	NM	NM	NM	NM	NM
MW-1R	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-1M	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-1F	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-1D	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-1A	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-18	ND	5.59	NP	5.59	NP	262.9300	ND	5.36	NP	5.36	NP	263.1600
MW-17	ND	7.22	NP	7.22	NP	263.9100	ND	7.15	NP	7.15	NP	263.9800
MW-14	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-13	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-12	ND	9.58	NP	9.58	NP	244.3500	NM	NM	NM	NM	NM	NM

See notes on last page

Table 2B
Routine Focused Groundwater / LNAPL Gauging Summary: June to September 2026
MIPC Chelsea Facility
920 Cherry Tree Road, Aston Township, Delaware County, Pennsylvania 19014
Project No.: 220240201

Well ID	6/18/2026						6/19/2026					
	Depth to product (ft btoc)	Depth to Groundwater (ft btoc)	Apparent Product Thickness (ft)	Corrected Depth to Groundwater (ft btoc)*	Product Elevation (ft NAVD 88)	Groundwater Elevation (ft NAVD 88)	Depth to product (ft btoc)	Depth to Groundwater (ft btoc)	Apparent Product Thickness (ft)	Corrected Depth to Groundwater (ft btoc)*	Product Elevation (ft NAVD 88)	Groundwater Elevation (ft NAVD 88)
MW-J3	NM	NM	NM	NM	REDACTED		NM	NM	NM	NM	REDACTED	
MW-J2	NM	NM	NM	NM			NM	NM	NM	NM		
MW-J1	NM	NM	NM	NM			NM	NM	NM	NM		
MW-F3	NM	NM	NM	NM			NM	NM	NM	NM		
MW-F2	NM	NM	NM	NM			NM	NM	NM	NM		
MW-F1	NM	NM	NM	NM			NM	NM	NM	NM		
MW-D1	ND	8.61	NP	8.61			ND	8.7	NP	8.70		
MW-C3	NM	NM	NM	NM			NM	NM	NM	NM		
MW-C2	8.82	9.27	0.45	8.96			8.95	9.64	0.69	9.16		
MW-C1	NM	NM	NM	NM			NM	NM	NM	NM		
MW-B3	20.35	20.67	0.32	20.45			20.40	20.68	0.28	20.48		
MW-B2	5.98	6.14	0.16	6.03			6.74	6.77	0.03	6.75		
MW-B	13.62	14.97	1.35	14.03			13.70	15.21	1.51	14.15		
MW-A3	NM	NM	NM	NM			NM	NM	NM	NM		
MW-A2	NM	NM	NM	NM			NM	NM	NM	NM		
MW-A1	NM	NM	NM	NM			NM	NM	NM	NM		
MW-72	NM	NM	NM	NM	NM	NM	9.32	9.4	0.08	9.34	259.4368	259.4128
MW-71	NM	NM	NM	NM	NM	NM	7.27	11.64	4.37	8.58	261.7527	260.4417
MW-70	ND	5.68	NP	5.68	NP	264.1688	ND	5.79	NP	5.79	NP	264.0588
MW-68	NM	NM	NM	NM	NM	NM	ND	6.58	NP	6.58	NP	262.5183
MW-66	NM	NM	NM	NM	NM	NM	7.57	11.83	4.26	8.85	276.8880	275.6100
MW-64	NM	NM	NM	NM	NM	NM	5.70	6.3	0.60	5.88	278.4698	278.2898
MW-62	NM	NM	NM	NM	NM	NM	ND	7.21	NP	7.21	NP	259.9074
MW-61	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-60	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-6	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
REDACTED	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-59	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-57	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-56	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-55	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-53	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-51	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-50	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-5	NM	NM	NM	NM	NM	NM	4.66	6.76	2.10	5.29	264.0200	263.3900

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Table 2B
Routine Focused Groundwater / LNAPL Gauging Summary: June to September 2026
MIPC Chelsea Facility
920 Cherry Tree Road, Aston Township, Delaware County, Pennsylvania 19014
Project No.: 220240201

Well ID	6/18/2026						6/19/2026					
	Depth to product (ft btoc)	Depth to Groundwater (ft btoc)	Apparent Product Thickness (ft)	Corrected Depth to Groundwater (ft btoc)*	Product Elevation (ft NAVD 88)	Groundwater Elevation (ft NAVD 88)	Depth to product (ft btoc)	Depth to Groundwater (ft btoc)	Apparent Product Thickness (ft)	Corrected Depth to Groundwater (ft btoc)*	Product Elevation (ft NAVD 88)	Groundwater Elevation (ft NAVD 88)
MW-49	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-4	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-36	NM	NM	NM	NM	NM	NM	ND	7.32	NP	7.32	NP	273.5500
MW-35	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-34	NM	NM	NM	NM	NM	NM	ND	9.15	NP	9.15	NP	269.4200
MW-33	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-32	NM	NM	NM	NM	NM	NM	7.93	10.19	2.26	8.61	272.9500	272.2720
MW-28	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-27	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-22	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-21	ND	10.33	NP	10.33	NP	256.6500	ND	10.73	NP	10.73	NP	256.2500
MW-20	NM	NM	NM	NM	NM	NM	ND	11.18	NP	11.18	NP	247.2100
MW-1R	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-1M	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-1F	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-1D	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-1A	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-18	ND	5.51	NP	5.51	NP	263.0100	ND	5.56	NP	5.56	NP	262.9600
MW-17	ND	7.11	NP	7.11	NP	264.0200	ND	7.98	NP	7.98	NP	263.1500
MW-14	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-13	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-12	NM	NM	NM	NM	NM	NM	ND	9.58	NP	9.58	NP	244.3500

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Table 2B
Routine Focused Groundwater / LNAPL Gauging Summary: June to September 2026
MIPC Chelsea Facility
920 Cherry Tree Road, Aston Township, Delaware County, Pennsylvania 19014
Project No.: 220240201

Well ID	6/22/2026						6/23/2026					
	Depth to product (ft btoc)	Depth to Groundwater (ft btoc)	Apparent Product Thickness (ft)	Corrected Depth to Groundwater (ft btoc)*	Product Elevation (ft NAVD 88)	Groundwater Elevation (ft NAVD 88)	Depth to product (ft btoc)	Depth to Groundwater (ft btoc)	Apparent Product Thickness (ft)	Corrected Depth to Groundwater (ft btoc)*	Product Elevation (ft NAVD 88)	Groundwater Elevation (ft NAVD 88)
MW-J3	NM	NM	NM	NM	REDACTED		NM	NM	NM	NM	REDACTED	
MW-J2	NM	NM	NM	NM			NM	NM	NM	NM		
MW-J1	NM	NM	NM	NM			NM	NM	NM	NM		
MW-F3	NM	NM	NM	NM			NM	NM	NM	NM		
MW-F2	NM	NM	NM	NM			NM	NM	NM	NM		
MW-F1	NM	NM	NM	NM			NM	NM	NM	NM		
MW-D1	ND	8.81	NP	8.81			ND	8.68	NP	8.68		
MW-C3	ND	10.06	NP	10.06			NM	NM	NM	NM		
MW-C2	8.97	9.65	0.68	9.17			8.81	9.83	1.02	9.12		
MW-C1	ND	16.15	NP	16.15			NM	NM	NM	NM		
MW-B3	20.46	20.75	0.29	20.55			20.52	20.73	0.21	20.58		
MW-B2	6.30	6.35	0.05	6.32			6.16	6.27	0.11	6.19		
MW-B	13.73	15.3	1.57	14.20			13.73	15.08	1.35	14.14		
MW-A3	NM	NM	NM	NM			NM	NM	NM	NM		
MW-A2	NM	NM	NM	NM			NM	NM	NM	NM		
MW-A1	NM	NM	NM	NM			NM	NM	NM	NM		
MW-72	NM	NM	NM	NM	NM	NM	8.82	9.2	0.38	8.93	259.9368	259.8228
MW-71	NM	NM	NM	NM	NM	NM	6.46	12.81	6.35	8.37	262.5627	260.6577
MW-70	ND	5.85	NP	5.85	NP	263.9988	ND	5.58	NP	5.58	NP	264.2688
MW-68	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-66	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-64	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-62	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-61	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-60	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-6	25.89	27.9	2.01	26.49	286.5600	285.9570	NM	NM	NM	NM	NM	NM
REDACTED	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-59	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-57	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-56	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-55	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-53	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-51	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-50	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-5	NM	NM	NM	NM	NM	NM	3.70	8.32	4.62	5.09	264.9800	263.5940

See notes on last page

Table 2B
Routine Focused Groundwater / LNAPL Gauging Summary: June to September 2026
MIPC Chelsea Facility
920 Cherry Tree Road, Aston Township, Delaware County, Pennsylvania 19014
Project No.: 220240201

Well ID	6/22/2026						6/23/2026					
	Depth to product (ft btoc)	Depth to Groundwater (ft btoc)	Apparent Product Thickness (ft)	Corrected Depth to Groundwater (ft btoc)*	Product Elevation (ft NAVD 88)	Groundwater Elevation (ft NAVD 88)	Depth to product (ft btoc)	Depth to Groundwater (ft btoc)	Apparent Product Thickness (ft)	Corrected Depth to Groundwater (ft btoc)*	Product Elevation (ft NAVD 88)	Groundwater Elevation (ft NAVD 88)
MW-49	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-4	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-36	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-35	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-34	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-33	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-32	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-28	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-27	21.27	23.49	2.22	21.94	284.7200	284.0540	NM	NM	NM	NM	NM	NM
MW-22	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-21	ND	10.83	NP	10.83	NP	256.1500	ND	10.64	NP	10.64	NP	256.3400
MW-20	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-1R	38.95	39.4	0.45	39.09	287.8530	287.7180	NM	NM	NM	NM	NM	NM
MW-1M	34.83	38.06	3.23	35.80	291.9428	290.9738	NM	NM	NM	NM	NM	NM
MW-1F	40.80	41.83	1.03	41.11	286.3155	286.0065	NM	NM	NM	NM	NM	NM
MW-1D	40.58	41.84	1.26	40.96	286.0049	285.6269	NM	NM	NM	NM	NM	NM
MW-1A	36.73	39.92	3.19	37.69	290.0037	289.0467	NM	NM	NM	NM	NM	NM
MW-18	ND	5.65	NP	5.65	NP	262.8700	ND	5.36	NP	5.36	NP	263.1600
MW-17	ND	7.26	NP	7.26	NP	263.8700	ND	6.91	NP	6.91	NP	264.2200
MW-14	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-13	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-12	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM

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Table 2B
Routine Focused Groundwater / LNAPL Gauging Summary: June to September 2026
MIPC Chelsea Facility
920 Cherry Tree Road, Aston Township, Delaware County, Pennsylvania 19014
Project No.: 220240201

Well ID	6/24/2026						6/25/2026					
	Depth to product (ft btoc)	Depth to Groundwater (ft btoc)	Apparent Product Thickness (ft)	Corrected Depth to Groundwater (ft btoc)*	Product Elevation (ft NAVD 88)	Groundwater Elevation (ft NAVD 88)	Depth to product (ft btoc)	Depth to Groundwater (ft btoc)	Apparent Product Thickness (ft)	Corrected Depth to Groundwater (ft btoc)*	Product Elevation (ft NAVD 88)	Groundwater Elevation (ft NAVD 88)
MW-J3	NM	NM	NM	NM	REDACTED		NM	NM	NM	NM	REDACTED	
MW-J2	NM	NM	NM	NM			NM	NM	NM	NM		
MW-J1	NM	NM	NM	NM			NM	NM	NM	NM		
MW-F3	NM	NM	NM	NM			NM	NM	NM	NM		
MW-F2	NM	NM	NM	NM			NM	NM	NM	NM		
MW-F1	NM	NM	NM	NM			NM	NM	NM	NM		
MW-D1	ND	8.63	NP	8.63			ND	8.76	NP	8.76		
MW-C3	ND	9.79	NP	9.79			ND	9.93	NP	9.93		
MW-C2	8.90	9.33	0.43	9.03			8.86	9.58	0.72	9.08		
MW-C1	ND	16.19	NP	16.19			NM	NM	NM	NM		
MW-B3	20.53	20.75	0.22	20.60			20.58	20.68	0.10	20.61		
MW-B2	6.23	6.25	0.02	6.24			ND	6.08	NP	6.08		
MW-B	13.74	15.26	1.52	14.20			13.74	15.34	1.60	14.22		
MW-A3	NM	NM	NM	NM			NM	NM	NM	NM		
MW-A2	NM	NM	NM	NM			NM	NM	NM	NM		
MW-A1	NM	NM	NM	NM			NM	NM	NM	NM		
MW-72	8.89	9.16	0.27	8.97	259.8668	259.7858	9.15	9.47	0.32	9.25	259.6068	259.5108
MW-71	6.53	12.83	6.30	8.42	262.4927	260.6027	6.62	13.19	6.57	8.59	262.4027	260.4317
MW-70	ND	5.53	NP	5.53	NP	264.3188	ND	5.68	NP	5.68	NP	264.1688
MW-68	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-66	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-64	5.60	6.16	0.56	5.77	278.5698	278.4018	5.61	6.17	0.56	5.78	278.5598	278.3918
MW-62	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-61	NM	NM	NM	NM	NM	NM	ND	16.29	NP	16.29	NP	281.0726
MW-60	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-6	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
REDACTED	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-59	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-57	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-56	NM	NM	NM	NM	NM	NM	ND	9.7	NP	9.70	NP	283.4325
MW-55	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-53	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-51	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-50	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-5	3.89	8.11	4.22	5.16	264.7900	263.5240	3.97	8.33	4.36	5.28	264.7100	263.4020

See notes on last page

Table 2B
Routine Focused Groundwater / LNAPL Gauging Summary: June to September 2026
MIPC Chelsea Facility
920 Cherry Tree Road, Aston Township, Delaware County, Pennsylvania 19014
Project No.: 220240201

Well ID	6/24/2026						6/25/2026					
	Depth to product (ft btoc)	Depth to Groundwater (ft btoc)	Apparent Product Thickness (ft)	Corrected Depth to Groundwater (ft btoc)*	Product Elevation (ft NAVD 88)	Groundwater Elevation (ft NAVD 88)	Depth to product (ft btoc)	Depth to Groundwater (ft btoc)	Apparent Product Thickness (ft)	Corrected Depth to Groundwater (ft btoc)*	Product Elevation (ft NAVD 88)	Groundwater Elevation (ft NAVD 88)
MW-49	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-4	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-36	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-35	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-34	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-33	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-32	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-28	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-27	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-22	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-21	ND	10.62	NP	10.62	NP	256.3600	ND	10.77	NP	10.77	NP	256.2100
MW-20	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-1R	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-1M	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-1F	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-1D	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-1A	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-18	ND	5.29	NP	5.29	NP	263.2300	ND	5.47	NP	5.47	NP	263.0500
MW-17	ND	6.85	NP	6.85	NP	264.2800	ND	7.04	NP	7.04	NP	264.0900
MW-14	4.66	4.9	0.24	4.73	281.9300	281.8580	5.27	5.52	0.25	5.35	281.3200	281.2450
MW-13	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-12	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM

See notes on last page

Table 2B
Routine Focused Groundwater / LNAPL Gauging Summary: June to September 2026
MIPC Chelsea Facility
920 Cherry Tree Road, Aston Township, Delaware County, Pennsylvania 19014
Project No.: 220240201

Well ID	6/26/2026						6/30/2026					
	Depth to product (ft btoc)	Depth to Groundwater (ft btoc)	Apparent Product Thickness (ft)	Corrected Depth to Groundwater (ft btoc)*	Product Elevation (ft NAVD 88)	Groundwater Elevation (ft NAVD 88)	Depth to product (ft btoc)	Depth to Groundwater (ft btoc)	Apparent Product Thickness (ft)	Corrected Depth to Groundwater (ft btoc)*	Product Elevation (ft NAVD 88)	Groundwater Elevation (ft NAVD 88)
MW-J3	NM	NM	NM	NM	REDACTED		NM	NM	NM	NM	REDACTED	
MW-J2	NM	NM	NM	NM			NM	NM	NM	NM		
MW-J1	NM	NM	NM	NM			NM	NM	NM	NM		
MW-F3	NM	NM	NM	NM			NM	NM	NM	NM		
MW-F2	NM	NM	NM	NM			NM	NM	NM	NM		
MW-F1	NM	NM	NM	NM			NM	NM	NM	NM		
MW-D1	ND	8.81	NP	8.81			ND	8.86	NP	8.86		
MW-C3	ND	9.98	NP	9.98			ND	10.00	NP	10.00		
MW-C2	8.81	9.95	1.14	9.15			8.85	10.51	1.66	9.35		
MW-C1	ND	16.9	NP	16.90			NM	NM	NM	NM		
MW-B3	20.59	20.68	0.09	20.62			20.66	20.73	0.07	20.68		
MW-B2	ND	6.11	NP	6.11			6.23	6.35	0.12	6.27		
MW-B	13.71	15.39	1.68	14.21			13.74	15.74	2.00	14.34		
MW-A3	NM	NM	NM	NM			NM	NM	NM	NM		
MW-A2	NM	NM	NM	NM			NM	NM	NM	NM		
MW-A1	NM	NM	NM	NM			NM	NM	NM	NM		
MW-72	9.25	9.59	0.34	9.35	259.5068	259.4048	9.33	9.8	0.47	9.47	259.4268	259.2858
MW-71	6.69	13.37	6.68	8.69	262.3327	260.3287	6.66	13.89	7.23	8.83	262.3627	260.1937
MW-70	ND	5.73	NP	5.73	NP	264.1188	ND	5.76	NP	5.76	NP	264.0888
MW-68	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-66	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-64	5.62	6.19	0.57	5.79	278.5498	278.3788	NM	NM	NM	NM	NM	NM
MW-62	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-61	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-60	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-6	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
REDACTED	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-59	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-57	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-56	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-55	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-53	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-51	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-50	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-5	4.03	8.36	4.33	5.33	264.6500	263.3510	4.11	8.41	4.30	5.40	264.5700	263.2800

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Table 2B
Routine Focused Groundwater / LNAPL Gauging Summary: June to September 2026
MIPC Chelsea Facility
920 Cherry Tree Road, Aston Township, Delaware County, Pennsylvania 19014
Project No.: 220240201

Well ID	6/26/2026						6/30/2026					
	Depth to product (ft btoc)	Depth to Groundwater (ft btoc)	Apparent Product Thickness (ft)	Corrected Depth to Groundwater (ft btoc)*	Product Elevation (ft NAVD 88)	Groundwater Elevation (ft NAVD 88)	Depth to product (ft btoc)	Depth to Groundwater (ft btoc)	Apparent Product Thickness (ft)	Corrected Depth to Groundwater (ft btoc)*	Product Elevation (ft NAVD 88)	Groundwater Elevation (ft NAVD 88)
MW-49	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-4	ND	4.01	NP	4.01	NP	280.8400	NM	NM	NM	NM	NM	NM
MW-36	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-35	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-34	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-33	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-32	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-28	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-27	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-22	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-21	ND	10.89	NP	10.89	NP	256.0900	ND	10.85	NP	10.85	NP	256.1300
MW-20	ND	11.27	NP	11.27	NP	247.1200	NM	NM	NM	NM	NM	NM
MW-1R	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-1M	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-1F	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-1D	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-1A	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-18	ND	5.56	NP	5.56	NP	262.9600	ND	5.55	NP	5.55	NP	262.9700
MW-17	ND	7.08	NP	7.08	NP	264.0500	ND	7.11	NP	7.11	NP	264.0200
MW-14	5.43	5.67	0.24	5.50	281.1600	281.0880	NM	NM	NM	NM	NM	NM
MW-13	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-12	ND	9.68	NP	9.68	NP	244.2500	NM	NM	NM	NM	NM	NM

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Table 2B
Routine Focused Groundwater / LNAPL Gauging Summary: June to September 2026
MIPC Chelsea Facility
920 Cherry Tree Road, Aston Township, Delaware County, Pennsylvania 19014
Project No.: 220240201

Well ID	7/6/2026						7/7/2026					
	Depth to product (ft btoc)	Depth to Groundwater (ft btoc)	Apparent Product Thickness (ft)	Corrected Depth to Groundwater (ft btoc)*	Product Elevation (ft NAVD 88)	Groundwater Elevation (ft NAVD 88)	Depth to product (ft btoc)	Depth to Groundwater (ft btoc)	Apparent Product Thickness (ft)	Corrected Depth to Groundwater (ft btoc)*	Product Elevation (ft NAVD 88)	Groundwater Elevation (ft NAVD 88)
MW-J3	NM	NM	NM	NM	REDACTED		NM	NM	NM	NM	REDACTED	
MW-J2	NM	NM	NM	NM			NM	NM	NM	NM		
MW-J1	NM	NM	NM	NM			NM	NM	NM	NM		
MW-F3	NM	NM	NM	NM			ND	13.26	NP	13.26		
MW-F2	NM	NM	NM	NM			NM	NM	NM	NM		
MW-F1	NM	NM	NM	NM			NM	NM	NM	NM		
MW-D1	ND	8.92	NP	8.92			ND	8.67	NP	8.67		
MW-C3	9.98	9.99	0.01	9.98			9.92	9.93	0.01	9.92		
MW-C2	8.72	11.78	3.06	9.64			8.58	11.39	2.81	9.42		
MW-C1	NM	NM	NM	NM			NM	NM	NM	NM		
MW-B3	20.80	21.03	0.23	20.87			20.78	21.03	0.25	20.86		
MW-B2	6.21	6.73	0.52	6.37			6.20	6.22	0.02	6.21		
MW-B	13.76	15.65	1.89	14.33			13.77	15.53	1.76	14.30		
MW-A3	NM	NM	NM	NM			NM	NM	NM	NM		
MW-A2	NM	NM	NM	NM			NM	NM	NM	NM		
MW-A1	NM	NM	NM	NM			NM	NM	NM	NM		
MW-72	8.43	10.05	1.62	8.92	260.3268	259.8408	8.38	9.95	1.57	8.85	260.3768	259.9058
MW-71	6.16	13.78	7.62	8.45	262.8627	260.5767	6.07	14.07	8.00	8.47	262.9527	260.5527
MW-70	ND	5.6	NP	5.60	NP	264.2488	ND	5.57	NP	5.57	NP	264.2788
MW-68	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-66	7.91	11.13	3.22	8.88	276.5480	275.5820	8.03	10.76	2.73	8.85	276.4280	275.6090
MW-64	NM	NM	NM	NM	NM	NM	5.81	5.85	0.04	5.82	278.3598	278.3478
MW-62	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-61	12.59	14.56	1.97	13.18	284.7726	284.1816	NM	NM	NM	NM	NM	NM
MW-60	NM	NM	NM	NM	NM	NM	5.90	7.13	1.23	6.27	262.2527	261.8837
MW-6	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
REDACTED	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-59	NM	NM	NM	NM	NM	NM	ND	5.67	NP	5.67	NP	262.9172
MW-57	NM	NM	NM	NM	NM	NM	ND	4.35	NP	4.35	NP	258.7035
MW-56	10.58	10.82	0.24	10.65	282.5525	282.4805	NM	NM	NM	NM	NM	NM
MW-55	NM	NM	NM	NM	NM	NM	ND	3.87	NP	3.87	NP	260.6981
MW-53	NM	NM	NM	NM	NM	NM	3.49	3.5	0.01	3.49	260.3127	260.3097
MW-51	NM	NM	NM	NM	NM	NM	ND	9.57	NP	9.57	NP	253.3740
MW-50	NM	NM	NM	NM	NM	NM	ND	10.18	NP	10.18	NP	251.7013
MW-5	3.80	8.28	4.48	5.14	264.8800	263.5360	4.00	7.7	3.70	5.11	264.6800	263.5700

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Table 2B
Routine Focused Groundwater / LNAPL Gauging Summary: June to September 2026
MIPC Chelsea Facility
920 Cherry Tree Road, Aston Township, Delaware County, Pennsylvania 19014
Project No.: 220240201

Well ID	7/6/2026						7/7/2026					
	Depth to product (ft btoc)	Depth to Groundwater (ft btoc)	Apparent Product Thickness (ft)	Corrected Depth to Groundwater (ft btoc)*	Product Elevation (ft NAVD 88)	Groundwater Elevation (ft NAVD 88)	Depth to product (ft btoc)	Depth to Groundwater (ft btoc)	Apparent Product Thickness (ft)	Corrected Depth to Groundwater (ft btoc)*	Product Elevation (ft NAVD 88)	Groundwater Elevation (ft NAVD 88)
MW-49	NM	NM	NM	NM	NM	NM	ND	9.54	NP	9.54	NP	251.3689
MW-4	NM	NM	NM	NM	NM	NM	ND	4.06	NP	4.06	NP	280.7900
MW-36	NM	NM	NM	NM	NM	NM	ND	7.22	NP	7.22	NP	273.6500
MW-35	19.02	20.34	1.32	19.42	285.6670	285.2710	NM	NM	NM	NM	NM	NM
MW-34	NM	NM	NM	NM	NM	NM	ND	8.76	NP	8.76	NP	269.8100
MW-33	17.45	18.56	1.11	17.78	285.5551	285.2221	NM	NM	NM	NM	NM	NM
MW-32	7.21	12.18	4.97	8.70	273.6700	272.1790	7.08	12.27	5.19	8.64	273.8000	272.2430
MW-28	14.53	16.74	2.21	15.19	285.1456	284.4826	NM	NM	NM	NM	NM	NM
MW-27	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-22	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-21	ND	10.86	NP	10.86	NP	256.1200	ND	10.45	NP	10.45	NP	256.5300
MW-20	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-1R	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-1M	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-1F	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-1D	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-1A	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-18	ND	5.42	NP	5.42	NP	263.1000	ND	5.29	NP	5.29	NP	263.2300
MW-17	ND	7.45	NP	7.45	NP	263.6800	ND	7.09	NP	7.09	NP	264.0400
MW-14	NM	NM	NM	NM	NM	NM	5.00	5.24	0.24	5.07	281.5900	281.5180
MW-13	14.83	15.09	0.26	14.91	284.5321	284.4541	NM	NM	NM	NM	NM	NM
MW-12	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM

See notes on last page

Table 2B
Routine Focused Groundwater / LNAPL Gauging Summary: June to September 2026
MIPC Chelsea Facility
920 Cherry Tree Road, Aston Township, Delaware County, Pennsylvania 19014
Project No.: 220240201

Well ID	7/8/2026						7/9/2026					
	Depth to product (ft btoc)	Depth to Groundwater (ft btoc)	Apparent Product Thickness (ft)	Corrected Depth to Groundwater (ft btoc)*	Product Elevation (ft NAVD 88)	Groundwater Elevation (ft NAVD 88)	Depth to product (ft btoc)	Depth to Groundwater (ft btoc)	Apparent Product Thickness (ft)	Corrected Depth to Groundwater (ft btoc)*	Product Elevation (ft NAVD 88)	Groundwater Elevation (ft NAVD 88)
MW-J3	NM	NM	NM	NM	REDACTED		NM	NM	NM	NM	REDACTED	
MW-J2	NM	NM	NM	NM			NM	NM	NM	NM		
MW-J1	NM	NM	NM	NM			NM	NM	NM	NM		
MW-F3	NM	NM	NM	NM			NM	NM	NM	NM		
MW-F2	NM	NM	NM	NM			NM	NM	NM	NM		
MW-F1	NM	NM	NM	NM			NM	NM	NM	NM		
MW-D1	NM	NM	NM	NM			ND	8.81	NP	8.81		
MW-C3	ND	9.94	NP	9.94			10.03	10.04	0.01	10.03		
MW-C2	8.57	11.27	2.70	9.38			8.38	11.42	3.04	9.29		
MW-C1	NM	NM	NM	NM			NM	NM	NM	NM		
MW-B3	20.78	21.02	0.24	20.85			20.79	21.05	0.26	20.87		
MW-B2	6.14	6.41	0.27	6.22			6.10	6.52	0.42	6.23		
MW-B	NM	NM	NM	NM			13.72	15.5	1.78	14.25		
MW-A3	NM	NM	NM	NM			ND	19.73	NP	19.73		
MW-A2	NM	NM	NM	NM			7.60	9.77	2.17	8.25		
MW-A1	NM	NM	NM	NM			14.90	16.41	1.51	15.35		
MW-72	9.45	10.18	0.73	9.67	259.3068	259.0878	9.69	10.39	0.70	9.90	259.0668	258.8568
MW-71	6.26	14.38	8.12	8.70	262.7627	260.3267	6.40	14.42	8.02	8.81	262.6227	260.2167
MW-70	ND	5.61	NP	5.61	NP	264.2388	ND	5.72	NP	5.72	NP	264.1288
MW-68	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-66	8.35	9.71	1.36	8.76	276.1080	275.7000	7.96	10.67	2.71	8.77	276.4980	275.6850
MW-64	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-62	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-61	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-60	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-6	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
REDACTED	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-59	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-57	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-56	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-55	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-53	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-51	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-50	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-5	3.89	8.39	4.50	5.24	264.7900	263.4400	4.00	8.56	4.56	5.37	264.6800	263.3120

See notes on last page

Table 2B
Routine Focused Groundwater / LNAPL Gauging Summary: June to September 2026
MIPC Chelsea Facility
920 Cherry Tree Road, Aston Township, Delaware County, Pennsylvania 19014
Project No.: 220240201

Well ID	7/8/2026						7/9/2026					
	Depth to product (ft btoc)	Depth to Groundwater (ft btoc)	Apparent Product Thickness (ft)	Corrected Depth to Groundwater (ft btoc)*	Product Elevation (ft NAVD 88)	Groundwater Elevation (ft NAVD 88)	Depth to product (ft btoc)	Depth to Groundwater (ft btoc)	Apparent Product Thickness (ft)	Corrected Depth to Groundwater (ft btoc)*	Product Elevation (ft NAVD 88)	Groundwater Elevation (ft NAVD 88)
MW-49	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-4	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-36	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-35	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-34	7.13	12.21	5.08	8.65	271.4400	269.9160	7.73	10.78	3.05	8.65	270.8400	269.9250
MW-33	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-32	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-28	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-27	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-22	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-21	ND	10.67	NP	10.67	NP	256.3100	ND	10.77	NP	10.77	NP	256.2100
MW-20	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-1R	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-1M	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-1F	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-1D	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-1A	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-18	ND	5.34	NP	5.34	NP	263.1800	ND	5.47	NP	5.47	NP	263.0500
MW-17	ND	6.92	NP	6.92	NP	264.2100	ND	7.06	NP	7.06	NP	264.0700
MW-14	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-13	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-12	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM

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Table 2B
Routine Focused Groundwater / LNAPL Gauging Summary: June to September 2026
MIPC Chelsea Facility
920 Cherry Tree Road, Aston Township, Delaware County, Pennsylvania 19014
Project No.: 220240201

Well ID	7/10/2026						7/27/2026					
	Depth to product (ft btoc)	Depth to Groundwater (ft btoc)	Apparent Product Thickness (ft)	Corrected Depth to Groundwater (ft btoc)*	Product Elevation (ft NAVD 88)	Groundwater Elevation (ft NAVD 88)	Depth to product (ft btoc)	Depth to Groundwater (ft btoc)	Apparent Product Thickness (ft)	Corrected Depth to Groundwater (ft btoc)*	Product Elevation (ft NAVD 88)	Groundwater Elevation (ft NAVD 88)
MW-J3	NM	NM	NM	NM	REDACTED		ND	16.97	NP	16.97	REDACTED	
MW-J2	NM	NM	NM	NM			ND	16.74	NP	16.74		
MW-J1	NM	NM	NM	NM			15.97	16.52	0.55	16.14		
MW-F3	13.16	13.17	0.01	13.16			NM	NM	NM	NM		
MW-F2	ND	14.7	NP	14.70			ND	14.73	NP	14.73		
MW-F1	NM	NM	NM	NM			ND	18.32	NP	18.32		
MW-D1	ND	8.61	NP	8.61			ND	9.38	NP	9.38		
MW-C3	ND	9.85	NP	9.85			ND	10.48	NP	10.48		
MW-C2	8.21	11.41	3.20	9.17			8.28	12.6	4.32	9.58		
MW-C1	NM	NM	NM	NM			ND	16.83	NP	16.83		
MW-B3	20.73	21.09	0.36	20.84			20.99	21.49	0.50	21.14		
MW-B2	NM	NM	NM	NM			6.15	8.29	2.14	6.79		
MW-B	NM	NM	NM	NM			14.11	16.07	1.96	14.70		
MW-A3	19.63	19.65	0.02	19.64			NP	20.09	NP	20.09		
MW-A2	NM	NM	NM	NM			8.04	10.33	2.29	8.73		
MW-A1	NM	NM	NM	NM			14.83	17.06	2.23	15.50		
MW-72	9.41	9.89	0.48	9.55	259.3468	259.2028	NM	NM	NM	NM	NM	NM
MW-71	5.96	14.3	8.34	8.46	263.0627	260.5607	NM	NM	NM	NM	NM	NM
MW-70	ND	5.45	NP	5.45	NP	264.3988	ND	6.19	NP	6.19	NP	263.6588
MW-68	NM	NM	NM	NM	NM	NM	ND	6.92	NP	6.92	NP	262.1783
MW-66	7.88	10.41	2.53	8.64	276.5780	275.8190	NM	NM	NM	NM	NM	NM
MW-64	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-62	NM	NM	NM	NM	NM	NM	ND	7.56	NP	7.56	NP	259.5574
MW-61	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-60	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-6	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
REDACTED	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-59	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-57	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-56	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-55	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-53	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-51	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-50	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-5	3.71	8.15	4.44	5.04	264.9700	263.6380	NM	NM	NM	NM	NM	NM

See notes on last page

Table 2B
Routine Focused Groundwater / LNAPL Gauging Summary: June to September 2026
MIPC Chelsea Facility
920 Cherry Tree Road, Aston Township, Delaware County, Pennsylvania 19014
Project No.: 220240201

Well ID	7/10/2026						7/27/2026					
	Depth to product (ft btoc)	Depth to Groundwater (ft btoc)	Apparent Product Thickness (ft)	Corrected Depth to Groundwater (ft btoc)*	Product Elevation (ft NAVD 88)	Groundwater Elevation (ft NAVD 88)	Depth to product (ft btoc)	Depth to Groundwater (ft btoc)	Apparent Product Thickness (ft)	Corrected Depth to Groundwater (ft btoc)*	Product Elevation (ft NAVD 88)	Groundwater Elevation (ft NAVD 88)
MW-49	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-4	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-36	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-35	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-34	8.70	8.71	0.01	8.70	269.8700	269.8670	NM	NM	NM	NM	NM	NM
MW-33	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-32	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-28	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-27	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-22	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-21	ND	10.16	NP	10.16	NP	256.8200	ND	11.34	NP	11.34	NP	255.6400
MW-20	NM	NM	NM	NM	NM	NM	ND	11.54	NP	11.54	NP	246.8500
MW-1R	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-1M	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-1F	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-1D	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-1A	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-18	ND	5.18	NP	5.18	NP	263.3400	ND	5.97	NP	5.97	NP	262.5500
MW-17	ND	7.01	NP	7.01	NP	264.1200	ND	7.57	NP	7.57	NP	263.5600
MW-14	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-13	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-12	NM	NM	NM	NM	NM	NM	ND	9.95	NP	9.95	NP	243.9800

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Table 2B
Routine Focused Groundwater / LNAPL Gauging Summary: June to September 2026
MIPC Chelsea Facility
920 Cherry Tree Road, Aston Township, Delaware County, Pennsylvania 19014
Project No.: 220240201

Well ID	8/6/2026						8/17/2026					
	Depth to product (ft btoc)	Depth to Groundwater (ft btoc)	Apparent Product Thickness (ft)	Corrected Depth to Groundwater (ft btoc)*	Product Elevation (ft NAVD 88)	Groundwater Elevation (ft NAVD 88)	Depth to product (ft btoc)	Depth to Groundwater (ft btoc)	Apparent Product Thickness (ft)	Corrected Depth to Groundwater (ft btoc)*	Product Elevation (ft NAVD 88)	Groundwater Elevation (ft NAVD 88)
MW-J3	NM	NM	NM	NM	REDACTED		NM	NM	NM	NM	REDACTED	
MW-J2	NM	NM	NM	NM			NM	NM	NM	NM		
MW-J1	NM	NM	NM	NM			NM	NM	NM	NM		
MW-F3	NM	NM	NM	NM			NM	NM	NM	NM		
MW-F2	NM	NM	NM	NM			NM	NM	NM	NM		
MW-F1	NM	NM	NM	NM			NM	NM	NM	NM		
MW-D1	NM	NM	NM	NM			NM	NM	NM	NM		
MW-C3	NM	NM	NM	NM			NM	NM	NM	NM		
MW-C2	8.99	11.22	2.23	9.66			9.52	12.08	2.56	10.29		
MW-C1	NM	NM	NM	NM			NM	NM	NM	NM		
MW-B3	NM	NM	NM	NM			NM	NM	NM	NM		
MW-B2	NM	NM	NM	NM			NM	NM	NM	NM		
MW-B	15.01	15.3	0.29	15.10			15.21	16.55	1.34	15.61		
MW-A3	NM	NM	NM	NM			NM	NM	NM	NM		
MW-A2	NM	NM	NM	NM			8.00	10.2	2.20	8.66		
MW-A1	NM	NM	NM	NM			15.90	17.41	1.51	16.35		
MW-72	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-71	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-70	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-68	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-66	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-64	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-62	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-61	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-60	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-6	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
REDACTED	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-59	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-57	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-56	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-55	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-53	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-51	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-50	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-5	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM

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Table 2B
Routine Focused Groundwater / LNAPL Gauging Summary: June to September 2026
MIPC Chelsea Facility
920 Cherry Tree Road, Aston Township, Delaware County, Pennsylvania 19014
Project No.: 220240201

Well ID	8/6/2026						8/17/2026					
	Depth to product (ft btoc)	Depth to Groundwater (ft btoc)	Apparent Product Thickness (ft)	Corrected Depth to Groundwater (ft btoc)*	Product Elevation (ft NAVD 88)	Groundwater Elevation (ft NAVD 88)	Depth to product (ft btoc)	Depth to Groundwater (ft btoc)	Apparent Product Thickness (ft)	Corrected Depth to Groundwater (ft btoc)*	Product Elevation (ft NAVD 88)	Groundwater Elevation (ft NAVD 88)
MW-49	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-4	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-36	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-35	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-34	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-33	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-32	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-28	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-27	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-22	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-21	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-20	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-1R	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-1M	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-1F	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-1D	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-1A	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-18	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-17	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-14	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-13	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-12	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM

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Table 2B
Routine Focused Groundwater / LNAPL Gauging Summary: June to September 2026
MIPC Chelsea Facility
920 Cherry Tree Road, Aston Township, Delaware County, Pennsylvania 19014
Project No.: 220240201

Well ID	8/19/2026						8/20/2026					
	Depth to product (ft btoc)	Depth to Groundwater (ft btoc)	Apparent Product Thickness (ft)	Corrected Depth to Groundwater (ft btoc)*	Product Elevation (ft NAVD 88)	Groundwater Elevation (ft NAVD 88)	Depth to product (ft btoc)	Depth to Groundwater (ft btoc)	Apparent Product Thickness (ft)	Corrected Depth to Groundwater (ft btoc)*	Product Elevation (ft NAVD 88)	Groundwater Elevation (ft NAVD 88)
MW-J3	NM	NM	NM	NM	REDACTED		NM	NM	NM	NM	REDACTED	
MW-J2	NM	NM	NM	NM			NM	NM	NM	NM		
MW-J1	NM	NM	NM	NM			NM	NM	NM	NM		
MW-F3	NM	NM	NM	NM			NM	NM	NM	NM		
MW-F2	NM	NM	NM	NM			NM	NM	NM	NM		
MW-F1	NM	NM	NM	NM			NM	NM	NM	NM		
MW-D1	NM	NM	NM	NM			NM	NM	NM	NM		
MW-C3	NM	NM	NM	NM			NM	NM	NM	NM		
MW-C2	9.57	12.04	2.47	10.31			9.73	12.14	2.41	10.45		
MW-C1	NM	NM	NM	NM			NM	NM	NM	NM		
MW-B3	NM	NM	NM	NM			NM	NM	NM	NM		
MW-B2	NM	NM	NM	NM			NM	NM	NM	NM		
MW-B	15.37	16.77	1.40	15.79			15.26	16.65	1.39	15.68		
MW-A3	NM	NM	NM	NM			NM	NM	NM	NM		
MW-A2	8.23	10.1	1.87	8.79			8.32	9.98	1.66	8.82		
MW-A1	15.74	17.02	1.28	16.12			16.18	17.35	1.17	16.53		
MW-72	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-71	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-70	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-68	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-66	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-64	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-62	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-61	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-60	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-6	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
REDACTED	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-59	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-57	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-56	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-55	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-53	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-51	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-50	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-5	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM

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Table 2B
Routine Focused Groundwater / LNAPL Gauging Summary: June to September 2026
MIPC Chelsea Facility
920 Cherry Tree Road, Aston Township, Delaware County, Pennsylvania 19014
Project No.: 220240201

Well ID	8/19/2026						8/20/2026					
	Depth to product (ft btoc)	Depth to Groundwater (ft btoc)	Apparent Product Thickness (ft)	Corrected Depth to Groundwater (ft btoc)*	Product Elevation (ft NAVD 88)	Groundwater Elevation (ft NAVD 88)	Depth to product (ft btoc)	Depth to Groundwater (ft btoc)	Apparent Product Thickness (ft)	Corrected Depth to Groundwater (ft btoc)*	Product Elevation (ft NAVD 88)	Groundwater Elevation (ft NAVD 88)
MW-49	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-4	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-36	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-35	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-34	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-33	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-32	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-28	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-27	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-22	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-21	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-20	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-1R	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-1M	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-1F	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-1D	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-1A	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-18	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-17	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-14	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-13	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-12	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM

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Table 2B
Routine Focused Groundwater / LNAPL Gauging Summary: June to September 2026
MIPC Chelsea Facility
920 Cherry Tree Road, Aston Township, Delaware County, Pennsylvania 19014
Project No.: 220240201

Well ID	8/24/2026						8/25/2026					
	Depth to product (ft btoc)	Depth to Groundwater (ft btoc)	Apparent Product Thickness (ft)	Corrected Depth to Groundwater (ft btoc)*	Product Elevation (ft NAVD 88)	Groundwater Elevation (ft NAVD 88)	Depth to product (ft btoc)	Depth to Groundwater (ft btoc)	Apparent Product Thickness (ft)	Corrected Depth to Groundwater (ft btoc)*	Product Elevation (ft NAVD 88)	Groundwater Elevation (ft NAVD 88)
MW-J3	NM	NM	NM	NM	REDACTED		NM	NM	NM	NM	REDACTED	
MW-J2	NM	NM	NM	NM			NM	NM	NM	NM		
MW-J1	NM	NM	NM	NM			NM	NM	NM	NM		
MW-F3	NM	NM	NM	NM			NM	NM	NM	NM		
MW-F2	NM	NM	NM	NM			NM	NM	NM	NM		
MW-F1	NM	NM	NM	NM			NM	NM	NM	NM		
MW-D1	NM	NM	NM	NM			NM	NM	NM	NM		
MW-C3	NM	NM	NM	NM			NM	NM	NM	NM		
MW-C2	9.09	11.84	2.75	9.92			9.28	11.85	2.57	10.05		
MW-C1	NM	NM	NM	NM			NM	NM	NM	NM		
MW-B3	NM	NM	NM	NM			NM	NM	NM	NM		
MW-B2	NM	NM	NM	NM			NM	NM	NM	NM		
MW-B	14.24	16.05	1.81	14.78			15.21	16.47	1.26	15.59		
MW-A3	NM	NM	NM	NM			NM	NM	NM	NM		
MW-A2	8.18	9.71	1.53	8.64			8.38	9.47	1.09	8.71		
MW-A1	15.75	16.83	1.08	16.07			15.99	16.83	0.84	16.24		
MW-72	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-71	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-70	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-68	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-66	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-64	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-62	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-61	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-60	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-6	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
REDACTED	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-59	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-57	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-56	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-55	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-53	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-51	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-50	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-5	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM

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Table 2B
Routine Focused Groundwater / LNAPL Gauging Summary: June to September 2026
MIPC Chelsea Facility
920 Cherry Tree Road, Aston Township, Delaware County, Pennsylvania 19014
Project No.: 220240201

Well ID	8/24/2026						8/25/2026					
	Depth to product (ft btoc)	Depth to Groundwater (ft btoc)	Apparent Product Thickness (ft)	Corrected Depth to Groundwater (ft btoc)*	Product Elevation (ft NAVD 88)	Groundwater Elevation (ft NAVD 88)	Depth to product (ft btoc)	Depth to Groundwater (ft btoc)	Apparent Product Thickness (ft)	Corrected Depth to Groundwater (ft btoc)*	Product Elevation (ft NAVD 88)	Groundwater Elevation (ft NAVD 88)
MW-49	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-4	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-36	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-35	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-34	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-33	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-32	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-28	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-27	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-22	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-21	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-20	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-1R	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-1M	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-1F	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-1D	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-1A	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-18	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-17	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-14	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-13	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-12	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM

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Table 2B
Routine Focused Groundwater / LNAPL Gauging Summary: June to September 2026
MIPC Chelsea Facility
920 Cherry Tree Road, Aston Township, Delaware County, Pennsylvania 19014
Project No.: 220240201

Well ID	8/26/2026						8/28/2026					
	Depth to product (ft btoc)	Depth to Groundwater (ft btoc)	Apparent Product Thickness (ft)	Corrected Depth to Groundwater (ft btoc)*	Product Elevation (ft NAVD 88)	Groundwater Elevation (ft NAVD 88)	Depth to product (ft btoc)	Depth to Groundwater (ft btoc)	Apparent Product Thickness (ft)	Corrected Depth to Groundwater (ft btoc)*	Product Elevation (ft NAVD 88)	Groundwater Elevation (ft NAVD 88)
MW-J3	NM	NM	NM	NM	REDACTED		NM	NM	NM	NM	REDACTED	
MW-J2	NM	NM	NM	NM			NM	NM	NM	NM		
MW-J1	NM	NM	NM	NM			NM	NM	NM	NM		
MW-F3	NM	NM	NM	NM			NM	NM	NM	NM		
MW-F2	NM	NM	NM	NM			NM	NM	NM	NM		
MW-F1	NM	NM	NM	NM			NM	NM	NM	NM		
MW-D1	NM	NM	NM	NM			NM	NM	NM	NM		
MW-C3	NM	NM	NM	NM			NM	NM	NM	NM		
MW-C2	9.72	12.12	2.40	10.44			9.28	12.00	2.72	10.10		
MW-C1	NM	NM	NM	NM			NM	NM	NM	NM		
MW-B3	21.40	22.14	0.74	21.62			21.40	22.18	0.78	21.63		
MW-B2	NM	NM	NM	NM			NM	NM	NM	NM		
MW-B	15.48	16.67	1.19	15.84			15.14	16.32	1.18	15.49		
MW-A3	20.46	20.63	0.17	20.51			20.34	20.52	0.18	20.39		
MW-A2	8.61	9.16	0.55	8.78			8.18	9.29	1.11	8.51		
MW-A1	15.87	16.63	0.76	16.10			16.21	17.04	0.83	16.46		
MW-72	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-71	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-70	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-68	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-66	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-64	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-62	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-61	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-60	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-6	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
REDACTED	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-59	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-57	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-56	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-55	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-53	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-51	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-50	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-5	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM

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Table 2B
Routine Focused Groundwater / LNAPL Gauging Summary: June to September 2026
MIPC Chelsea Facility
920 Cherry Tree Road, Aston Township, Delaware County, Pennsylvania 19014
Project No.: 220240201

Well ID	8/26/2026						8/28/2026					
	Depth to product (ft btoc)	Depth to Groundwater (ft btoc)	Apparent Product Thickness (ft)	Corrected Depth to Groundwater (ft btoc)*	Product Elevation (ft NAVD 88)	Groundwater Elevation (ft NAVD 88)	Depth to product (ft btoc)	Depth to Groundwater (ft btoc)	Apparent Product Thickness (ft)	Corrected Depth to Groundwater (ft btoc)*	Product Elevation (ft NAVD 88)	Groundwater Elevation (ft NAVD 88)
MW-49	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-4	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-36	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-35	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-34	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-33	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-32	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-28	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-27	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-22	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-21	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-20	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-1R	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-1M	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-1F	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-1D	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-1A	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-18	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-17	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-14	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-13	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-12	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM

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Table 2B
Routine Focused Groundwater / LNAPL Gauging Summary: June to September 2026
MIPC Chelsea Facility
920 Cherry Tree Road, Aston Township, Delaware County, Pennsylvania 19014
Project No.: 220240201

Well ID	8/31/2026						9/2/2026					
	Depth to product (ft btoc)	Depth to Groundwater (ft btoc)	Apparent Product Thickness (ft)	Corrected Depth to Groundwater (ft btoc)*	Product Elevation (ft NAVD 88)	Groundwater Elevation (ft NAVD 88)	Depth to product (ft btoc)	Depth to Groundwater (ft btoc)	Apparent Product Thickness (ft)	Corrected Depth to Groundwater (ft btoc)*	Product Elevation (ft NAVD 88)	Groundwater Elevation (ft NAVD 88)
MW-J3	NM	NM	NM	NM	REDACTED		NM	NM	NM	NM	REDACTED	
MW-J2	NM	NM	NM	NM			NM	NM	NM	NM		
MW-J1	NM	NM	NM	NM			NM	NM	NM	NM		
MW-F3	NM	NM	NM	NM			NM	NM	NM	NM		
MW-F2	NM	NM	NM	NM			NM	NM	NM	NM		
MW-F1	NM	NM	NM	NM			NM	NM	NM	NM		
MW-D1	NM	NM	NM	NM			NM	NM	NM	NM		
MW-C3	NM	NM	NM	NM			NM	NM	NM	NM		
MW-C2	9.36	12.06	2.70	10.17			8.78	11.21	2.43	9.51		
MW-C1	NM	NM	NM	NM			NM	NM	NM	NM		
MW-B3	12.38	22.17	9.79	15.32			21.32	22.18	0.86	21.58		
MW-B2	NM	NM	NM	NM			NM	NM	NM	NM		
MW-B	15.14	16.38	1.24	15.51			14.87	15.91	1.04	15.18		
MW-A3	20.24	20.81	0.57	20.41			20.16	20.77	0.61	20.34		
MW-A2	8.48	9.72	1.24	8.85			8.03	9.65	1.62	8.52		
MW-A1	18.91	16.71	-2.20	18.25			15.45	16.19	0.74	15.67		
MW-72	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-71	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-70	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-68	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-66	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-64	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-62	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-61	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-60	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-6	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
REDACTED	NM	NM	NM	NM	NM	NM	ND	22.15	NP	22.15	NS	NS
	NM	NM	NM	NM	NM	NM	ND	22.00	NP	22.00	NS	NS
	NM	NM	NM	NM	NM	NM	ND	22.63	NP	22.63	NS	NS
MW-59	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-57	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-56	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-55	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-53	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-51	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-50	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-5	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM

See notes on last page

Table 2B
Routine Focused Groundwater / LNAPL Gauging Summary: June to September 2026
MIPC Chelsea Facility
920 Cherry Tree Road, Aston Township, Delaware County, Pennsylvania 19014
Project No.: 220240201

Well ID	8/31/2026						9/2/2026					
	Depth to product (ft btoc)	Depth to Groundwater (ft btoc)	Apparent Product Thickness (ft)	Corrected Depth to Groundwater (ft btoc)*	Product Elevation (ft NAVD 88)	Groundwater Elevation (ft NAVD 88)	Depth to product (ft btoc)	Depth to Groundwater (ft btoc)	Apparent Product Thickness (ft)	Corrected Depth to Groundwater (ft btoc)*	Product Elevation (ft NAVD 88)	Groundwater Elevation (ft NAVD 88)
MW-49	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-4	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-36	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-35	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-34	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-33	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-32	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-28	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-27	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-22	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-21	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-20	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-1R	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-1M	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-1F	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-1D	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-1A	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-18	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-17	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-14	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-13	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-12	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM

See notes on last page

Table 2B
Routine Focused Groundwater / LNAPL Gauging Summary: June to September 2026
MIPC Chelsea Facility
920 Cherry Tree Road, Aston Township, Delaware County, Pennsylvania 19014
Project No.: 220240201

Well ID	9/3/2026						9/4/2026					
	Depth to product (ft btoc)	Depth to Groundwater (ft btoc)	Apparent Product Thickness (ft)	Corrected Depth to Groundwater (ft btoc)*	Product Elevation (ft NAVD 88)	Groundwater Elevation (ft NAVD 88)	Depth to product (ft btoc)	Depth to Groundwater (ft btoc)	Apparent Product Thickness (ft)	Corrected Depth to Groundwater (ft btoc)*	Product Elevation (ft NAVD 88)	Groundwater Elevation (ft NAVD 88)
MW-J3	NM	NM	NM	NM	REDACTED		NM	NM	NM	NM	REDACTED	
MW-J2	NM	NM	NM	NM			NM	NM	NM	NM		
MW-J1	NM	NM	NM	NM			NM	NM	NM	NM		
MW-F3	NM	NM	NM	NM			NM	NM	NM	NM		
MW-F2	NM	NM	NM	NM			NM	NM	NM	NM		
MW-F1	NM	NM	NM	NM			NM	NM	NM	NM		
MW-D1	NM	NM	NM	NM			NM	NM	NM	NM		
MW-C3	NM	NM	NM	NM			NM	NM	NM	NM		
MW-C2	9.04	11.83	2.79	9.88			NM	NM	NM	NM		
MW-C1	NM	NM	NM	NM			NM	NM	NM	NM		
MW-B3	NM	NM	NM	NM			NM	NM	NM	NM		
MW-B2	NM	NM	NM	NM			NM	NM	NM	NM		
MW-B	14.85	15.87	1.02	15.16			NM	NM	NM	NM		
MW-A3	NM	NM	NM	NM			NM	NM	NM	NM		
MW-A2	7.71	9.29	1.58	8.18			NM	NM	NM	NM		
MW-A1	16.00	16.05	0.05	16.02			NM	NM	NM	NM		
MW-72	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-71	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-70	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-68	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-66	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-64	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-62	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-61	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-60	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-6	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
REDACTED	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
	NM	NM	NM	NM	NM	NM	ND	21.91	NP	21.91	NS	NS
	NM	NM	NM	NM	NM	NM	ND	22.57	NP	22.57	NS	NS
MW-59	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-57	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-56	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-55	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-53	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-51	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-50	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-5	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM

See notes on last page

Table 2B
Routine Focused Groundwater / LNAPL Gauging Summary: June to September 2026
MIPC Chelsea Facility
920 Cherry Tree Road, Aston Township, Delaware County, Pennsylvania 19014
Project No.: 220240201

Well ID	9/3/2026						9/4/2026					
	Depth to product (ft btoc)	Depth to Groundwater (ft btoc)	Apparent Product Thickness (ft)	Corrected Depth to Groundwater (ft btoc)*	Product Elevation (ft NAVD 88)	Groundwater Elevation (ft NAVD 88)	Depth to product (ft btoc)	Depth to Groundwater (ft btoc)	Apparent Product Thickness (ft)	Corrected Depth to Groundwater (ft btoc)*	Product Elevation (ft NAVD 88)	Groundwater Elevation (ft NAVD 88)
MW-49	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-4	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-36	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-35	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-34	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-33	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-32	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-28	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-27	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-22	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-21	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-20	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-1R	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-1M	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-1F	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-1D	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-1A	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-18	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-17	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-14	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-13	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-12	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM

Notes:
bgs = below ground surface
btoc = below top of casing
ft = feet
ID = identification
NAVD 88 = North American Vertical Datum of 1988
NA = not applicable / not available
ND = not detected
NM = not measured
NP = no product
NS = not surveyed
TOC = top of casing
* = Per US EPA guidance, depth-to-groundwater has been corrected to account for presence of gasoline Light Non-Aqueous Phase Liquid (LNAPL) using the formula: Corrected Depth-to-Water = Measured Depth-to-Water - (Product Thickness x Specific Gravity of Product). A specific gravity of 0.7 was used for gasoline product. If no product was measurable, the regular depth to groundwatervalue is reported as the corrected depth to groundwater value.

See notes on last page

Table 3
Soil Sample Results Summary: June to September 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 3
Soil Sample Results Summary: June to September 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					SB-MW-C4					SB-MW-C4					SB-MW-C5				
					Sample Name	SB-F1_1.5					SB-F1_10					SB-MW-C4_2					SB-MW-C4_18.5					SB-MW-C5_2				
					Sample Date	06/29/2026					07/09/2026					07/30/2026					07/31/2026					07/30/2026				
					Depth (' bgs)	1.5-2					10-10.5					2-2.5					18.5-19					2-2.5				
					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	0.0022		0.00052	0.0021	1	ND	U	0.00063	0.0025	1	ND	U	0.00058	0.0023	1	ND	U	0.00056	0.0022	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	0.00054	0.0025	1	ND	U	0.0005	0.0023	1	ND	U	0.00048	0.0022	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	0.00057	0.00063	1	ND	U	0.00053	0.00058	1	ND	U	0.00051	0.00056	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	0.00057	0.0013	1	ND	U	0.00053	0.0012	1	ND	U	0.00051	0.0011	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	0.0018	0.0025	1	ND	U	0.0016	0.0023	1	ND	U	0.0016	0.0022	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	0.0031	0.0063	1	ND	U	0.0029	0.0058	1	ND	U	0.0028	0.0056	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	0.00059	0.0013	1	ND	U	0.00054	0.0012	1	ND	U	0.00053	0.0011	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	0.00066	0.0013	1	ND	U	0.00061	0.0012	1	ND	U	0.00059	0.0011	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	0.00058	0.0013	1	ND	U	0.00053	0.0012	1	ND	U	0.00051	0.0011	1
General Chemistry																													
Solids, Percent	SOLID	NS	NS	NS	Percent	80.5		0	0	1	74.6		0	0	1	86.3		0	0	1	75.5		0	0	1	84		0	0	1

See notes on last page.

Table 3
Soil Sample Results Summary: June to September 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-F1					SB-MW-F1					SB-MW-F3					SB-MW-J1				
					Sample Name	SB-MW-C5_15.5					SB-MW-F1_1.5					SB-MW-F1_10					SB-MW-F3_12.5					SB-MW-J1_1				
					Sample Date	08/04/2026					07/13/2026					07/14/2026					07/01/2026					07/16/2026				
					Depth (' bgs)	15.5-16					1.5-2					10-10.5					12.5-13					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	0.00058	0.0023	1	ND	U	0.00051	0.002	1	ND	U	0.0005	0.002	1	29.7		0.66	2.6	1	ND	U	0.00056	0.0022	1
1,3,5-Trimethylbenzene	108-67-8	1100	23	23	mg/kg	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	ND	U	0.00048	0.0022	1
Benzene	71-43-2	57	0.5	0.13	mg/kg	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	ND	U	0.00051	0.00056	1
Ethylbenzene	100-41-4	180	70	46	mg/kg	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	ND	U	0.00051	0.0011	1
Isopropylbenzene (Cumene)	98-82-8	7600	600	600	mg/kg	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	ND	U	0.0016	0.0022	1
Naphthalene	91-20-3	13	25	25	mg/kg	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	ND	U	0.0028	0.0056	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	1700	2	0.28	mg/kg	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	ND	U	0.00053	0.0011	1
Toluene	108-88-3	10000	100	44	mg/kg	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	ND	U	0.00059	0.0011	1
Total Xylenes	1330-20-7	1900	1000	990	mg/kg	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	ND	U	0.00051	0.0011	1
General Chemistry																													
Solids, Percent	SOLID	NS	NS	NS	Percent	74.3		0	0	1	83.7		0	0	1	78.7		0	0	1	71.8		0	0	1	79.7		0	0	1

See notes on last page.

Table 3
Soil Sample Results Summary: June to September 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-J2					SB-MW-J2					SB-MW-J3					SB-MW-J3				
					Sample Name	SB-MW-J1_13					SB-MW-J2_1					SB-MW-J2_17.5					SB-MW-J3_1					SB-MW-J3_17.5				
					Sample Date	07/23/2026					07/16/2026					07/22/2026					07/16/2026					07/20/2026				
					Depth (' bgs)	13-13.5					1-1.5					17.5-18					1-1.5					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	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	ND	U	0.0006	0.0024	1
1,3,5-Trimethylbenzene	108-67-8	1100	23	23	mg/kg	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	ND	U	0.00052	0.0024	1
Benzene	71-43-2	57	0.5	0.13	mg/kg	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	ND	U	0.00055	0.0006	1
Ethylbenzene	100-41-4	180	70	46	mg/kg	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	ND	U	0.00054	0.0012	1
Isopropylbenzene (Cumene)	98-82-8	7600	600	600	mg/kg	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	ND	U	0.0017	0.0024	1
Naphthalene	91-20-3	13	25	25	mg/kg	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	ND	U	0.003	0.006	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	1700	2	0.28	mg/kg	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	ND	U	0.00056	0.0012	1
Toluene	108-88-3	10000	100	44	mg/kg	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	ND	U	0.00063	0.0012	1
Total Xylenes	1330-20-7	1900	1000	990	mg/kg	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	ND	U	0.00055	0.0012	1
General Chemistry																													
Solids, Percent	SOLID	NS	NS	NS	Percent	69.3		0	0	1	79.8		0	0	1	62.3		0	0	1	82.8		0	0	1	71.7		0	0	1

See notes on last page.

Table 3
Soil Sample Results Summary: June to September 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-N1					SB-MW-N1A					SB-MW-N2					SB-MW-N2					SB-MW-N3				
					Sample Name	SB-MW-N1_1.5					SB-MW-N1A_1.5					SB-MW-N2_2					SB-MW-N2_17.5					SB-MW-N3_2				
					Sample Date	08/10/2026					08/10/2026					08/10/2026					08/11/2026					08/10/2026				
					Depth (' bgs)	1.5-2					1.5-2					2-2.5					17.5-18					2-2.5				
					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	0.00063	0.0025	1	ND	U	0.00051	0.002	1	ND	U	0.00056	0.0022	1	ND	U	0.00058	0.0023	1	ND	U	0.00053	0.0021	1
1,3,5-Trimethylbenzene	108-67-8	1100	23	23	mg/kg	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	ND	U	0.00045	0.0021	1
Benzene	71-43-2	57	0.5	0.13	mg/kg	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	ND	U	0.00048	0.00053	1
Ethylbenzene	100-41-4	180	70	46	mg/kg	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	ND	U	0.00048	0.0011	1
Isopropylbenzene (Cumene)	98-82-8	7600	600	600	mg/kg	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	ND	U	0.0015	0.0021	1
Naphthalene	91-20-3	13	25	25	mg/kg	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	ND	U	0.0026	0.0053	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	1700	2	0.28	mg/kg	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	ND	U	0.00049	0.0011	1
Toluene	108-88-3	10000	100	44	mg/kg	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	ND	U	0.00055	0.0011	1
Total Xylenes	1330-20-7	1900	1000	990	mg/kg	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	ND	U	0.00048	0.0011	1
General Chemistry																													
Solids, Percent	SOLID	NS	NS	NS	Percent	87.8		0	0	1	81.5		0	0	1	78.4		0	0	1	74.8		0	0	1	81.7		0	0	1

See notes on last page.

Table 3
Soil Sample Results Summary: June to September 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-VMP-C					SB-VMP-C					SB-VMP-J					SB-VMP-J				
					Sample Name	SB-MW-N3_20					SB-VMP-C_1.5					SB-VMP-C_17.5					SB-VMP-J_1					SB-VMP-J_15				
					Sample Date	08/17/2026					08/03/2026					08/03/2026					07/16/2026					07/22/2026				
					Depth (' bgs)	20-20.5					1.5-2					17.5-18					1-1.5					15-15.5				
					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	0.00067	0.0027	1	ND	U	0.00051	0.002	1	ND	U	0.0006	0.0024	1	ND	U	0.0005	0.002	1	ND	U	0.00066	0.0027	1
1,3,5-Trimethylbenzene	108-67-8	1100	23	23	mg/kg	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	ND	U	0.00057	0.0027	1
Benzene	71-43-2	57	0.5	0.13	mg/kg	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	ND	U	0.0006	0.00066	1
Ethylbenzene	100-41-4	180	70	46	mg/kg	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	ND	U	0.0006	0.0013	1
Isopropylbenzene (Cumene)	98-82-8	7600	600	600	mg/kg	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	ND	U	0.0019	0.0027	1
Naphthalene	91-20-3	13	25	25	mg/kg	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	ND	U	0.0033	0.0066	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	1700	2	0.28	mg/kg	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	ND	U	0.00062	0.0013	1
Toluene	108-88-3	10000	100	44	mg/kg	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	ND	U	0.0007	0.0013	1
Total Xylenes	1330-20-7	1900	1000	990	mg/kg	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	ND	U	0.00061	0.0013	1
General Chemistry																													
Solids, Percent	SOLID	NS	NS	NS	Percent	68.9		0	0	1	82.8		0	0	1	69		0	0	1	80.9		0	0	1	69.8		0	0	1

See notes on last page.

Table 3
Soil Sample Results Summary: June to September 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-N					SB-VMP-N					REDACTED														
					Sample Name	SB-VMP-N_2					SB-VMP-N_18																		
					Sample Date	08/10/2026					08/14/2026					08/25/2026					09/09/2026					08/26/2026				
					Depth (' bgs)	2-2.5					18-18.5					20-20.5					20-20.5					20-20.5				
					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	0.00075	0.003	1	ND	U	0.00055	0.0022	1	ND	U	0.00065	0.0026	1	ND	U	0.00058	0.0023	1
1,3,5-Trimethylbenzene	108-67-8	1100	23	23	mg/kg	ND	U	0.00046	0.0021	1	ND	U	0.00064	0.003	1	ND	U	0.00048	0.0022	1	ND	U	0.00056	0.0026	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	ND	U	0.00068	0.00075	1	ND	U	0.0005	0.00055	1	ND	U	0.00059	0.00065	1	ND	U	0.00053	0.00058	1
Ethylbenzene	100-41-4	180	70	46	mg/kg	ND	U	0.00048	0.0011	1	ND	U	0.00068	0.0015	1	ND	U	0.0005	0.0011	1	ND	U	0.00058	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	0.0021	0.003	1	ND	U	0.0016	0.0022	1	ND	U	0.0018	0.0026	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	0.0037	0.0075	1	ND	U	0.0028	0.0055	1	ND	U	0.0032	0.0065	1	ND	U	0.0029	0.0058	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	1700	2	0.28	mg/kg	ND	U	0.0005	0.0011	1	ND	U	0.0007	0.0015	1	ND	U	0.00052	0.0011	1	ND	U	0.00061	0.0013	1	ND	U	0.00054	0.0012	1
Toluene	108-88-3	10000	100	44	mg/kg	ND	U	0.00056	0.0011	1	ND	U	0.00079	0.0015	1	ND	U	0.00058	0.0011	1	ND	U	0.00068	0.0013	1	ND	U	0.00061	0.0012	1
Total Xylenes	1330-20-7	1900	1000	990	mg/kg	ND	U	0.00049	0.0011	1	ND	U	0.00068	0.0015	1	ND	U	0.00051	0.0011	1	ND	U	0.00059	0.0013	1	ND	U	0.00053	0.0012	1
General Chemistry																													
Solids, Percent	SOLID	NS	NS	NS	Percent	77.4		0	0	1	64.3		0	0	1	75.4		0	0	1	74.5		0	0	1	71.8		0	0	1

See notes on last page.

Table 3
Soil Sample Results Summary: June to September 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	REDACTED													
					Sample Name														
					Sample Date	09/08/2026					08/31/2026					09/01/2026			
					Depth (' bgs)	22-22.5					22-22.5					22-22.5			
					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	0.00064	0.0026	1	0.107		0.00069	0.0028	1	ND	U	0.00066	0.0026	1
1,3,5-Trimethylbenzene	108-67-8	1100	23	23	mg/kg	ND	U	0.00055	0.0026	1	0.035		0.00059	0.0028	1	ND	U	0.00057	0.0026	1
Benzene	71-43-2	57	0.5	0.13	mg/kg	ND	U	0.00058	0.00064	1	0.0019		0.00063	0.00069	1	ND	U	0.0006	0.00066	1
Ethylbenzene	100-41-4	180	70	46	mg/kg	ND	U	0.00058	0.0013	1	0.0263		0.00062	0.0014	1	ND	U	0.0006	0.0013	1
Isopropylbenzene (Cumene)	98-82-8	7600	600	600	mg/kg	ND	U	0.0018	0.0026	1	0.0053		0.002	0.0028	1	ND	U	0.0019	0.0026	1
Naphthalene	91-20-3	13	25	25	mg/kg	ND	U	0.0032	0.0064	1	0.0038	J	0.0034	0.0069	1	ND	U	0.0033	0.0066	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	1700	2	0.28	mg/kg	ND	U	0.0006	0.0013	1	ND	U	0.00065	0.0014	1	ND	U	0.00062	0.0013	1
Toluene	108-88-3	10000	100	44	mg/kg	ND	U	0.00067	0.0013	1	0.0518		0.00072	0.0014	1	ND	U	0.00069	0.0013	1
Total Xylenes	1330-20-7	1900	1000	990	mg/kg	ND	U	0.00059	0.0013	1	0.159		0.00063	0.0014	1	ND	U	0.0006	0.0013	1
General Chemistry																				
Solids, Percent	SOLID	NS	NS	NS	Percent	68.6		0	0	1	65.9		0	0	1	69.2		0	0	1

See notes on last page.

Table 3

Soil Sample Results Summary: June to September 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

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Table 4
Groundwater Results Summary: August to September 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 4
Groundwater Results Summary: August to September 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				
		Residential	Non-Residential	Residential	Non-Residential	Sample Date	08/12/2026					08/11/2026					08/12/2026					08/11/2026					08/11/2026					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	**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

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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				
						Sample Date	08/10/2026					08/12/2026					08/10/2026					08/11/2026					08/10/2026					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	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

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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

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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

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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				
		Residential	Non-Residential	Residential	Non-Residential	Sample Date	08/12/2026					08/13/2026					08/12/2026					08/12/2026					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	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

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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

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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

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Groundwater Results Summary: August to September 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				
		Residential	Non-Residential	Residential	Non-Residential	Sample Date	08/13/2026					08/11/2026					08/11/2026					08/13/2026					08/13/2026					8/13/2026				
						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	**1,220**		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 4
Groundwater Results Summary: August to September 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				
						Sample Date	8/13/2026					8/13/2026					08/10/2026					8/12/2026					8/12/2026					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	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

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Table 4
Groundwater Results Summary: August to September 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

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Table 4
Groundwater Results Summary: August to September 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	REDACTED																											
						Sample Name																												
						Sample Date	09/08/2026					09/08/2026					09/17/2026					09/08/2026					09/17/2026					09/17/2026				
		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	0.62	J	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	3.3		0.59	1	1	ND	U	0.59	1	1	ND	U	0.59	1	1

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Table 4
Groundwater Results Summary: August to September 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	REDACTED									
						Sample Name										
		Residential	Non-Residential	Residential	Non-Residential	Sample Date	09/08/2026					09/08/2026				
						Unit	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	**1,540**		10	20	10	ND	U	1	2	1
1,3,5-Trimethylbenzene	108-67-8	130	530	360	4500	ug/l	416		10	20	10	ND	U	1	2	1
Benzene	71-43-2	5	5	23	350	ug/l	**37**		4.3	5	10	ND	U	0.43	0.5	1
Ethylbenzene	100-41-4	700	700	700	860	ug/l	**910**		6	10	10	ND	U	0.6	1	1
Isopropylbenzene (Cumene)	98-82-8	840	3500	1900	24000	ug/l	83.9		6.5	10	10	ND	U	0.65	1	1
Naphthalene	91-20-3	100	100	100	1300	ug/l	94.7		44	50	10	ND	U	4.4	5	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	20	20	6300	96000	ug/l	ND	U	5.1	10	10	ND	U	0.51	1	1
Toluene	108-88-3	1000	1000	34000	430000	ug/l	**2,640**		25	50	50	ND	U	0.49	1	1
Total Xylenes	1330-20-7	10000	10000	10000	12000	ug/l	6,690		30	50	50	ND	U	0.59	1	1

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Table 4
Groundwater Results Summary: August to September 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

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Table 5A
Fenceline Perimeter Air Monitoring Results Summary: May to September 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 5A
Fenceline Perimeter Air Monitoring Results Summary: May to September 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 5A
Fenceline Perimeter Air Monitoring Results Summary: May to September 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 5A
Fenceline Perimeter Air Monitoring Results Summary: May to September 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 5A
Fenceline Perimeter Air Monitoring Results Summary: May to September 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 5A
Fenceline Perimeter Air Monitoring Results Summary: May to September 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 5A
Fenceline Perimeter Air Monitoring Results Summary: May to September 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 5A
Fenceline Perimeter Air Monitoring Results Summary: May to September 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 5A
Fenceline Perimeter Air Monitoring Results Summary: May to September 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 5A
Fenceline Perimeter Air Monitoring Results Summary: May to September 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 5A
Fenceline Perimeter Air Monitoring Results Summary: May to September 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 5A
Fenceline Perimeter Air Monitoring Results Summary: May to September 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 5A
Fenceline Perimeter Air Monitoring Results Summary: May to September 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 5A
Fenceline Perimeter Air Monitoring Results Summary: May to September 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 5A
Fenceline Perimeter Air Monitoring Results Summary: May to September 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 5A
Fenceline Perimeter Air Monitoring Results Summary: May to September 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 5A
Fenceline Perimeter Air Monitoring Results Summary: May to September 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 5A
Fenceline Perimeter Air Monitoring Results Summary: May to September 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 5A
Fenceline Perimeter Air Monitoring Results Summary: May to September 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 5A
Fenceline Perimeter Air Monitoring Results Summary: May to September 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 5A
Fenceline Perimeter Air Monitoring Results Summary: May to September 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 5A
Fenceline Perimeter Air Monitoring Results Summary: May to September 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

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Table 5A
Fenceline Perimeter Air Monitoring Results Summary: May to September 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 5A
Fenceline Perimeter Air Monitoring Results Summary: May to September 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 5A
Fenceline Perimeter Air Monitoring Results Summary: May to September 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 5A
Fenceline Perimeter Air Monitoring Results Summary: May to September 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 5A
Fenceline Perimeter Air Monitoring Results Summary: May to September 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 5A
Fenceline Perimeter Air Monitoring Results Summary: May to September 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

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Table 5A
Fenceline Perimeter Air Monitoring Results Summary: May to September 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 5A
Fenceline Perimeter Air Monitoring Results Summary: May to September 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 5A
Fenceline Perimeter Air Monitoring Results Summary: May to September 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 5A
Fenceline Perimeter Air Monitoring Results Summary: May to September 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 5A
Fenceline Perimeter Air Monitoring Results Summary: May to September 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_20260824					AA-3_20260825					AA-3_20260826					AA-3_20260827					AA-3_20260828					AA-3_20260831				
			Sample Date	08/24/2026					08/25/2026					08/26/2026					08/27/2026					08/28/2026					08/31/2026				
			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	0.544	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	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	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	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	24.9		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	**2.89**		*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	0.546	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	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	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	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	1.19		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	0.306	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	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	2.28		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	ND	U	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	3.93		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	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	0.73	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	1.48	J	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	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	ND	U	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	1.31		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	0.313	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	1.9		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	1.04	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	0.709	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	1.2		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 5A
Fenceline Perimeter Air Monitoring Results Summary: May to September 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_20260901					AA-3_20260902					AA-3_20260903					AA-3_20260904					AA-3_20260908					AA-3_20260909				
			Sample Date	09/01/2026					09/02/2026					09/03/2026					09/04/2026					09/08/2026					09/09/2026				
			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	0.529	J	0.388	1.53	1	0.598	J	0.388	1.53	1	0.567	J	0.388	1.53	1	0.621	J	0.388	1.53	1	0.529	J	0.388	1.53	1	0.598	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	0.3	J	0.284	0.983	1	0.733	J	0.284	0.983	1	ND	U	0.284	0.983	1	0.428	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	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	9.26		1.22	2.38	1	8.29		1.22	2.38	1	5.46		1.22	2.38	1	18.8		1.22	2.38	1	12.4		1.22	2.38	1	7.32		1.22	2.38	1
Acrolein	107-02-8	0.021	ug/m3	**0.257**		*0.089*	*0.115*	1	**0.757**		*0.089*	*0.115*	1	**0.385**		*0.089*	*0.115*	1	**1.2**		*0.089*	*0.115*	1	**3.23**		*0.089*	*0.115*	1	**0.19**		*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	0.923		0.205	0.639	1	1.28		0.205	0.639	1	0.914		0.205	0.639	1	0.428	J	0.205	0.639	1	0.441	J	0.205	0.639	1	0.521	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	0.159	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	0.453	J	0.432	1.26	1	0.528	J	0.432	1.26	1	ND	U	0.432	1.26	1	0.516	J	0.432	1.26	1	ND	U	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	1.32		0.119	0.413	1	1.76		0.119	0.413	1	1.37		0.119	0.413	1	1.62		0.119	0.413	1	1.26		0.119	0.413	1	1.15		0.119	0.413	1
Cyclohexane	110-82-7	6300	ug/m3	0.819		0.251	0.688	1	1.1		0.251	0.688	1	0.919		0.251	0.688	1	ND	U	0.251	0.688	1	ND	U	0.251	0.688	1	0.268	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	2.52		0.374	0.989	1	2.27		0.374	0.989	1	2.34		0.374	0.989	1	2.37		0.374	0.989	1	2.52		0.374	0.989	1
Ethylbenzene	100-41-4	11	ug/m3	0.339	J	0.25	0.869	1	0.608	J	0.25	0.869	1	0.391	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	2.53		0.669	2.46	1	1.11	J	0.669	2.46	1	1.09	J	0.669	2.46	1	2.19	J	0.669	2.46	1	1.5	J	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	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	1.13	J	0.543	1.74	1	2.16		0.543	1.74	1	1.29	J	0.543	1.74	1	0.76	J	0.543	1.74	1	0.565	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	1.39	J	0.925	2.05	1	ND	U	0.925	2.05	1	1.13	J	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	0.147	J	0.11	0.262	1	ND	U	0.11	0.262	1	0.304		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	4.33		0.262	0.705	1	3.95		0.262	0.705	1	2.65		0.262	0.705	1	0.758		0.262	0.705	1	1.86		0.262	0.705	1	1.19		0.262	0.705	1
o-Xylene (1,2-Dimethylbenzene)	95-47-6	100	ug/m3	0.456	J	0.27	0.869	1	0.877		0.27	0.869	1	0.465	J	0.27	0.869	1	0.317	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	0.302	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
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	0.739	J	0.425	1.36	1	ND	U	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
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	2.46		0.327	0.754	1	4.48		0.327	0.754	1	3.17		0.327	0.754	1	1.77		0.327	0.754	1	0.965		0.327	0.754	1	1.48		0.327	0.754	1
Total Xylenes	1330-20-7	100	ug/m3	1.59	J	0.27	0.869	1	3.04		0.27	0.869	1	1.75	J	0.27	0.869	1	1.08	J	0.27	0.869	1	0.565	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	0.435	J	0.295	1.07	1	ND	U	0.295	1.07	1	0.64	J	0.295	1.07	1	ND	U	0.295	1.07	1	0.494	J	0.295	1.07	1
Trichlorofluoromethane	75-69-4	NS	ug/m3	1.25		0.442	1.12	1	1.34		0.442	1.12	1	1.19		0.442	1.12	1	1.47		0.442	1.12	1	1.38		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 5A
Fenceline Perimeter Air Monitoring Results Summary: May to September 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_20260910					AA-3_20260911					AA-3_20260914					AA-3_20260915					AA-3_20260916					AA-4_20260528				
			Sample Date	09/10/2026					09/11/2026					09/14/2026					09/15/2026					09/16/2026					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	0.583	J	0.388	1.53	1	0.514	J	0.388	1.53	1	0.567	J	0.388	1.53	1	0.552	J	0.388	1.53	1	0.521	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	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	0.683	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	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	8.12		1.22	2.38	1	7.53		1.22	2.38	1	4.16		1.22	2.38	1	13		1.22	2.38	1	4.28		1.22	2.38	1	ND	U	1.22	2.38	1
Acrolein	107-02-8	0.021	ug/m3	**0.229**		*0.089*	*0.115*	1	**0.236**		*0.089*	*0.115*	1	**0.119**		*0.089*	*0.115*	1	**0.61**		*0.089*	*0.115*	1	**0.133**		*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	0.3	J	0.205	0.639	1	0.476	J	0.205	0.639	1	0.387	J	0.205	0.639	1	0.811		0.205	0.639	1	0.732		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	0.459	J	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	0.447	J	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	1.35		0.119	0.413	1	1.17		0.119	0.413	1	1.2		0.119	0.413	1	1.16		0.119	0.413	1	1.1		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	ND	U	0.251	0.688	1	ND	U	0.251	0.688	1	0.496	J	0.251	0.688	1	0.399	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	2.13		0.374	0.989	1	2.12		0.374	0.989	1	2.25		0.374	0.989	1	1.83		0.374	0.989	1	2.16		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	0.877		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	0.526	J	0.25	0.869	1
Isopropanol	67-63-0	210	ug/m3	3.17		0.669	2.46	1	4.15		0.669	2.46	1	1.51	J	0.669	2.46	1	10.2		0.669	2.46	1	1.62	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	2.44		0.543	1.74	1	2.14		0.543	1.74	1	0.682	J	0.543	1.74	1	0.604	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	0.942	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
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	0.448	J	0.434	1.74	1	0.497	J	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	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	0.152	J	0.11	0.262	1
n-Hexane	110-54-3	730	ug/m3	0.638	J	0.262	0.705	1	0.835		0.262	0.705	1	0.458	J	0.262	0.705	1	1.95		0.262	0.705	1	1.53		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	0.756	J	0.27	0.869	1	0.517	J	0.27	0.869	1	ND	U	0.27	0.869	1	ND	U	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	0.595	J	0.327	0.754	1	1.57		0.327	0.754	1	1.27		0.327	0.754	1	1.75		0.327	0.754	1	1.35		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	3.19	J	0.27	0.869	1	2.66	J	0.27	0.869	1	0.682	J	0.27	0.869	1	0.604	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	0.521	J	0.295	1.07	1	ND	U	0.295	1.07	1	0.425	J	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	1.21		0.442	1.12	1	1.08	J	0.442	1.12	1	1.16		0.442	1.12	1	1.15		0.442	1.12	1	1.23		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 5A
Fenceline Perimeter Air Monitoring Results Summary: May to September 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 5A
Fenceline Perimeter Air Monitoring Results Summary: May to September 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 5A
Fenceline Perimeter Air Monitoring Results Summary: May to September 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 5A
Fenceline Perimeter Air Monitoring Results Summary: May to September 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 5A
Fenceline Perimeter Air Monitoring Results Summary: May to September 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 5A
Fenceline Perimeter Air Monitoring Results Summary: May to September 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 5A
Fenceline Perimeter Air Monitoring Results Summary: May to September 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 5A
Fenceline Perimeter Air Monitoring Results Summary: May to September 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 5A
Fenceline Perimeter Air Monitoring Results Summary: May to September 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 5A
Fenceline Perimeter Air Monitoring Results Summary: May to September 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 5A
Fenceline Perimeter Air Monitoring Results Summary: May to September 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 5A

Fenceline Perimeter Air Monitoring Results Summary: May to September 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

Table 5B

Passive Fenceline Perimeter Air Monitoring Results Summary: August 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	S1					S2					S3					S3					S4					S5				
			Sample Name	MIPCA-S1-S-20260831					MIPCA-S2-S-20260831					MIPCA-S3-S-20260831					MIPCA-S3-D-20260831					MIPCA-S4-S-20260831					MIPCA-S5-S-20260831				
			Sample Date	8/17-31/2026					8/17-31/2026					8/17-31/2026					8/17-31/2026					8/17-31/2026					8/17-31/2026				
			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																																
Benzene	71-43-2	3.6	ug/m3	1.32		0.187	0.187	1	1.38		0.187	0.187	1	0.695		0.187	0.187	1	0.701		0.187	0.187	1	0.54		0.187	0.187	1	0.592		0.187	0.187	1
Ethylbenzene	100-41-4	11	ug/m3	0.44	J	0.272	0.272	1	0.455	J	0.272	0.272	1	0.335	J	0.272	0.272	1	0.298	J	0.272	0.272	1	ND	U	0.273	0.273	1	0.316	J	0.273	0.273	1
M,P-Xylene	179601-23-1	NS	ug/m3	1.68		0.302	0.302	1	1.67		0.302	0.302	1	1.25		0.302	0.302	1	0.888		0.302	0.302	1	0.735		0.302	0.302	1	1.11		0.303	0.303	1
o-Xylene (1,2-Dimethylbenzene)	95-47-6	100	ug/m3	0.629		0.272	0.272	1	0.59	J	0.272	0.272	1	0.469	J	0.272	0.272	1	0.333	J	0.272	0.272	1	0.3	J	0.273	0.273	1	0.427	J	0.273	0.273	1
Toluene	108-88-3	5200	ug/m3	3.53		0.241	0.241	1	3.87		0.241	0.241	1	2.09		0.241	0.241	1	1.96		0.241	0.241	1	1.57		0.241	0.241	1	1.8		0.241	0.241	1
Total Xylenes	1330-20-7	100	ug/m3	2.31		0.272	0.272	1	2.25		0.272	0.272	1	1.72		0.272	0.272	1	1.22		0.272	0.272	1	1.03		0.273	0.273	1	1.53		0.273	0.273	1

See notes on last page.

Table 5B

Passive Fenceline Perimeter Air Monitoring Results Summary: August 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

Table 6

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 21, 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	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	No	Asked to Return	Yes	2/17/2026	← Sampled	1/20/2026	N/A	5/7/2026	8/18/2026						Yes
				Bethel	No	Yes		1/12/2026	← Sampled	N/A	N/A	4/16/2026	5/13/2026	8/18/2026					Yes
				Bethel	No					1/20/2026									
Semi-Annual Sampling Program				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							
				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	No					1/20/2026									
				Bethel	No	Yes		1/21/2026	← Sampled	N/A	N/A	5/12/2026							Yes
				Bethel	No	Yes		1/28/2026	← Sampled	1/20/2026	N/A	8/6/2026							
				Bethel	No	Yes		1/12/2026	← Sampled	N/A	N/A								Yes
				Bethel	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	No	Yes		1/7/2026	← Sampled	N/A	N/A	7/29/2026							
				Bethel	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 7
Drinking Water Results Summary: June to September 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	U.S. EPA Tap Water Risk Screening Level (TR=1E-06, THQ=0.1)	U.S. EPA Target Groundwater Concentration for VI Screening (TR=1E-06, THQ=0.1)	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			
							Date Sampled:	08/06/2026				08/10/2026				08/10/2026				06/22/2026				06/22/2026				06/29/2026			
							Matrix:	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
Volatile Organic Compounds																															
1,2,4-Trimethylbenzene	95-63-6	130	510	NS	5.57	24.8	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
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	130	360	NS	6.03	17.5	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
Benzene	71-43-2	5	23	5	0.46	1.59	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
Ethylbenzene	100-41-4	700	700	700	1.5	3.49	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
Isopropylbenzene (Cumene)	98-82-8	840	1900	NS	45.06	88.7	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
M,P-Xylene	179601-23-1	NS	NS	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
Naphthalene	91-20-3	100	100	NS	0.12	4.59	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
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	NS	19.35	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
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	20	6300	NS	14.3	450	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
Toluene	108-88-3	1000	34000	1000	110.15	1920	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
Total Xylenes	1330-20-7	10000	10000	10000	19.32	38.5	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

See notes on last page.

Table 7
Drinking Water Results Summary: June to September 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	U.S. EPA Tap Water Risk Screening Level (TR=1E-06, THQ=0.1)	U.S. EPA Target Groundwater Concentration for VI Screening (TR=1E-06, THQ=0.1)	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			
							Date Sampled:	07/30/2026				07/30/2026				08/27/2026				06/23/2026				07/28/2026				07/28/2026			
							Matrix:	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
Volatile Organic Compounds																															
1,2,4-Trimethylbenzene	95-63-6	130	510	NS	5.57	24.8	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
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	130	360	NS	6.03	17.5	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
Benzene	71-43-2	5	23	5	0.46	1.59	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
Ethylbenzene	100-41-4	700	700	700	1.5	3.49	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
Isopropylbenzene (Cumene)	98-82-8	840	1900	NS	45.06	88.7	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
M,P-Xylene	179601-23-1	NS	NS	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	0.5	ND	U	0.057	0.5
Naphthalene	91-20-3	100	100	NS	0.12	4.59	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
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	NS	19.35	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
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	20	6300	NS	14.3	450	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
Toluene	108-88-3	1000	34000	1000	110.15	1920	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
Total Xylenes	1330-20-7	10000	10000	10000	19.32	38.5	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

See notes on last page.

Table 7
Drinking Water Results Summary: June to September 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	U.S. EPA Tap Water Risk Screening Level (TR=1E-06, THQ=0.1)	U.S. EPA Target Groundwater Concentration for VI Screening (TR=1E-06, THQ=0.1)	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			
							Date Sampled:	09/10/2026				09/10/2026				06/17/2026				06/17/2026				06/23/2026				08/05/2026			
							Matrix:	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
Volatile Organic Compounds																															
1,2,4-Trimethylbenzene	95-63-6	130	510	NS	5.57	24.8	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
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	130	360	NS	6.03	17.5	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
Benzene	71-43-2	5	23	5	0.46	1.59	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
Ethylbenzene	100-41-4	700	700	700	1.5	3.49	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
Isopropylbenzene (Cumene)	98-82-8	840	1900	NS	45.06	88.7	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
M,P-Xylene	179601-23-1	NS	NS	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	0.1	ND	U	0.057	0.1	ND	U	0.057	0.5
Naphthalene	91-20-3	100	100	NS	0.12	4.59	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
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	NS	19.35	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
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	20	6300	NS	14.3	450	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
Toluene	108-88-3	1000	34000	1000	110.15	1920	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
Total Xylenes	1330-20-7	10000	10000	10000	19.32	38.5	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

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Table 7
Drinking Water Results Summary: June to September 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	U.S. EPA Tap Water Risk Screening Level (TR=1E-06, THQ=0.1)	U.S. EPA Target Groundwater Concentration for VI Screening (TR=1E-06, THQ=0.1)	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			
							Date Sampled:	08/05/2026				09/09/2026				09/09/2026				07/29/2026				06/10/2026				06/10/2026			
							Matrix:	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
Volatile Organic Compounds																															
1,2,4-Trimethylbenzene	95-63-6	130	510	NS	5.57	24.8	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
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	130	360	NS	6.03	17.5	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
Benzene	71-43-2	5	23	5	0.46	1.59	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
Ethylbenzene	100-41-4	700	700	700	1.5	3.49	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
Isopropylbenzene (Cumene)	98-82-8	840	1900	NS	45.06	88.7	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
M,P-Xylene	179601-23-1	NS	NS	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	0.14	J	0.057	0.1	0.36	J	0.057	0.1
Naphthalene	91-20-3	100	100	NS	0.12	4.59	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
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	NS	19.35	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
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	20	6300	NS	14.3	450	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
Toluene	108-88-3	1000	34000	1000	110.15	1920	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
Total Xylenes	1330-20-7	10000	10000	10000	19.32	38.5	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

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Table 7
Drinking Water Results Summary: June to September 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	U.S. EPA Tap Water Risk Screening Level (TR=1E-06, THQ=0.1)	U.S. EPA Target Groundwater Concentration for VI Screening (TR=1E-06, THQ=0.1)	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			
							Date Sampled:	07/23/2026				07/23/2026				09/01/2026				09/01/2026				06/22/2026				08/05/2026			
							Matrix:	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
Volatile Organic Compounds																															
1,2,4-Trimethylbenzene	95-63-6	130	510	NS	5.57	24.8	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
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	130	360	NS	6.03	17.5	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
Benzene	71-43-2	5	23	5	0.46	1.59	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
Ethylbenzene	100-41-4	700	700	700	1.5	3.49	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
Isopropylbenzene (Cumene)	98-82-8	840	1900	NS	45.06	88.7	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
M,P-Xylene	179601-23-1	NS	NS	NS	NS	NS	ug/l	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	0.5	ND	U	0.057	0.5
Naphthalene	91-20-3	100	100	NS	0.12	4.59	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
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	NS	19.35	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
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	20	6300	NS	14.3	450	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
Toluene	108-88-3	1000	34000	1000	110.15	1920	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
Total Xylenes	1330-20-7	10000	10000	10000	19.32	38.5	ug/l	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

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Table 7
Drinking Water Results Summary: June to September 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	U.S. EPA Tap Water Risk Screening Level (TR=1E-06, THQ=0.1)	U.S. EPA Target Groundwater Concentration for VI Screening (TR=1E-06, THQ=0.1)	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			
							Date Sampled:	09/09/2026				07/08/2026				07/22/2026				07/22/2026				06/23/2026				08/05/2026			
							Matrix:	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
Volatile Organic Compounds																															
1,2,4-Trimethylbenzene	95-63-6	130	510	NS	5.57	24.8	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
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	130	360	NS	6.03	17.5	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
Benzene	71-43-2	5	23	5	0.46	1.59	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
Ethylbenzene	100-41-4	700	700	700	1.5	3.49	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
Isopropylbenzene (Cumene)	98-82-8	840	1900	NS	45.06	88.7	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
M,P-Xylene	179601-23-1	NS	NS	NS	NS	NS	ug/l	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	0.1	ND	U	0.057	0.5
Naphthalene	91-20-3	100	100	NS	0.12	4.59	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
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	NS	19.35	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
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	20	6300	NS	14.3	450	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
Toluene	108-88-3	1000	34000	1000	110.15	1920	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
Total Xylenes	1330-20-7	10000	10000	10000	19.32	38.5	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

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Table 7
Drinking Water Results Summary: June to September 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	U.S. EPA Tap Water Risk Screening Level (TR=1E-06, THQ=0.1)	U.S. EPA Target Groundwater Concentration for VI Screening (TR=1E-06, THQ=0.1)	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			
							Date Sampled:	09/09/2026				07/07/2026				07/07/2026				08/06/2026				06/29/2026				07/27/2026			
							Matrix:	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
Volatile Organic Compounds																															
1,2,4-Trimethylbenzene	95-63-6	130	510	NS	5.57	24.8	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
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	130	360	NS	6.03	17.5	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
Benzene	71-43-2	5	23	5	0.46	1.59	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
Ethylbenzene	100-41-4	700	700	700	1.5	3.49	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
Isopropylbenzene (Cumene)	98-82-8	840	1900	NS	45.06	88.7	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
M,P-Xylene	179601-23-1	NS	NS	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	0.5	0.21	J	0.057	0.5	0.23	J	0.057	0.5
Naphthalene	91-20-3	100	100	NS	0.12	4.59	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
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	NS	19.35	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
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	20	6300	NS	14.3	450	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
Toluene	108-88-3	1000	34000	1000	110.15	1920	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
Total Xylenes	1330-20-7	10000	10000	10000	19.32	38.5	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

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Table 7
Drinking Water Results Summary: June to September 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	U.S. EPA Tap Water Risk Screening Level (TR=1E-06, THQ=0.1)	U.S. EPA Target Groundwater Concentration for VI Screening (TR=1E-06, THQ=0.1)	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			
							Date Sampled:	07/27/2026				09/09/2026				08/18/2026				08/18/2026				07/29/2026				06/22/2026			
							Matrix:	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
Volatile Organic Compounds																															
1,2,4-Trimethylbenzene	95-63-6	130	510	NS	5.57	24.8	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
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	130	360	NS	6.03	17.5	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
Benzene	71-43-2	5	23	5	0.46	1.59	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
Ethylbenzene	100-41-4	700	700	700	1.5	3.49	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
Isopropylbenzene (Cumene)	98-82-8	840	1900	NS	45.06	88.7	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
M,P-Xylene	179601-23-1	NS	NS	NS	NS	NS	ug/l	0.18	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	ND	U	0.057	0.1
Naphthalene	91-20-3	100	100	NS	0.12	4.59	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
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	NS	19.35	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
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	20	6300	NS	14.3	450	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
Toluene	108-88-3	1000	34000	1000	110.15	1920	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
Total Xylenes	1330-20-7	10000	10000	10000	19.32	38.5	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

See notes on last page.

Table 7
Drinking Water Results Summary: June to September 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	U.S. EPA Tap Water Risk Screening Level (TR=1E-06, THQ=0.1)	U.S. EPA Target Groundwater Concentration for VI Screening (TR=1E-06, THQ=0.1)	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			
							Date Sampled:	08/05/2026				09/09/2026				06/29/2026				08/18/2026				08/18/2026				08/05/2026			
							Matrix:	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
Volatile Organic Compounds																															
1,2,4-Trimethylbenzene	95-63-6	130	510	NS	5.57	24.8	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
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	130	360	NS	6.03	17.5	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
Benzene	71-43-2	5	23	5	0.46	1.59	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
Ethylbenzene	100-41-4	700	700	700	1.5	3.49	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
Isopropylbenzene (Cumene)	98-82-8	840	1900	NS	45.06	88.7	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
M,P-Xylene	179601-23-1	NS	NS	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
Naphthalene	91-20-3	100	100	NS	0.12	4.59	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
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	NS	19.35	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
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	20	6300	NS	14.3	450	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
Toluene	108-88-3	1000	34000	1000	110.15	1920	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
Total Xylenes	1330-20-7	10000	10000	10000	19.32	38.5	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

See notes on last page.

Table 7
Drinking Water Results Summary: June to September 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	U.S. EPA Tap Water Risk Screening Level (TR=1E-06, THQ=0.1)	U.S. EPA Target Groundwater Concentration for VI Screening (TR=1E-06, THQ=0.1)	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			
							Date Sampled:	07/29/2026				08/27/2026				09/09/2026				08/05/2026				08/05/2026				07/29/2026			
							Matrix:	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
Volatile Organic Compounds																															
1,2,4-Trimethylbenzene	95-63-6	130	510	NS	5.57	24.8	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
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	130	360	NS	6.03	17.5	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
Benzene	71-43-2	5	23	5	0.46	1.59	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
Ethylbenzene	100-41-4	700	700	700	1.5	3.49	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
Isopropylbenzene (Cumene)	98-82-8	840	1900	NS	45.06	88.7	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
M,P-Xylene	179601-23-1	NS	NS	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
Naphthalene	91-20-3	100	100	NS	0.12	4.59	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
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	NS	19.35	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
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	20	6300	NS	14.3	450	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
Toluene	108-88-3	1000	34000	1000	110.15	1920	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
Total Xylenes	1330-20-7	10000	10000	10000	19.32	38.5	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

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Table 7
Drinking Water Results Summary: June to September 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	U.S. EPA Tap Water Risk Screening Level (TR=1E-06, THQ=0.1)	U.S. EPA Target Groundwater Concentration for VI Screening (TR=1E-06, THQ=0.1)	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			
							Date Sampled:	07/29/2026				07/29/2026				07/29/2026				08/06/2026				08/06/2026				07/29/2026			
							Matrix:	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
Volatile Organic Compounds																															
1,2,4-Trimethylbenzene	95-63-6	130	510	NS	5.57	24.8	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
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	130	360	NS	6.03	17.5	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
Benzene	71-43-2	5	23	5	0.46	1.59	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
Ethylbenzene	100-41-4	700	700	700	1.5	3.49	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
Isopropylbenzene (Cumene)	98-82-8	840	1900	NS	45.06	88.7	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
M,P-Xylene	179601-23-1	NS	NS	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	0.09	J	0.057	0.5
Naphthalene	91-20-3	100	100	NS	0.12	4.59	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
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	NS	19.35	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
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	20	6300	NS	14.3	450	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
Toluene	108-88-3	1000	34000	1000	110.15	1920	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
Total Xylenes	1330-20-7	10000	10000	10000	19.32	38.5	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

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Table 7
Drinking Water Results Summary: June to September 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	U.S. EPA Tap Water Risk Screening Level (TR=1E-06, THQ=0.1)	U.S. EPA Target Groundwater Concentration for VI Screening (TR=1E-06, THQ=0.1)	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			
							Date Sampled:	08/27/2026				08/27/2026				08/18/2026				08/18/2026				08/06/2026				08/06/2026			
							Matrix:	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
Volatile Organic Compounds																															
1,2,4-Trimethylbenzene	95-63-6	130	510	NS	5.57	24.8	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
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	130	360	NS	6.03	17.5	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
Benzene	71-43-2	5	23	5	0.46	1.59	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
Ethylbenzene	100-41-4	700	700	700	1.5	3.49	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
Isopropylbenzene (Cumene)	98-82-8	840	1900	NS	45.06	88.7	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
M,P-Xylene	179601-23-1	NS	NS	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	0.76		0.057	0.5	0.63		0.057	0.5
Naphthalene	91-20-3	100	100	NS	0.12	4.59	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
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	NS	19.35	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	0.37	J	0.22	0.5	0.28	J	0.22	0.5
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	20	6300	NS	14.3	450	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
Toluene	108-88-3	1000	34000	1000	110.15	1920	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	0.53		0.28	0.5	0.44	J	0.28	0.5
Total Xylenes	1330-20-7	10000	10000	10000	19.32	38.5	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	1.1		0.5	0.5	0.91		0.5	0.5

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Table 7
Drinking Water Results Summary: June to September 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	U.S. EPA Tap Water Risk Screening Level (TR=1E-06, THQ=0.1)	U.S. EPA Target Groundwater Concentration for VI Screening (TR=1E-06, THQ=0.1)	Sample ID:	REDACTED							
							Lab Sample ID:								
							Well Use/Area:	Potable/Within AOI				Potable/Within AOI			
							Date Sampled:	09/09/2026				08/05/2026			
							Matrix:	Drinking Water				Drinking Water			
							Unit	Result	Q	MDL	RL	Result	Q	MDL	RL
Volatile Organic Compounds															
1,2,4-Trimethylbenzene	95-63-6	130	510	NS	5.57	24.8	ug/l	ND	U	0.21	0.5	ND	U	0.21	0.5
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	130	360	NS	6.03	17.5	ug/l	ND	U	0.2	0.5	ND	U	0.2	0.5
Benzene	71-43-2	5	23	5	0.46	1.59	ug/l	ND	U	0.21	0.5	ND	U	0.21	0.5
Ethylbenzene	100-41-4	700	700	700	1.5	3.49	ug/l	ND	U	0.21	0.5	ND	U	0.21	0.5
Isopropylbenzene (Cumene)	98-82-8	840	1900	NS	45.06	88.7	ug/l	ND	U	0.19	0.5	ND	U	0.19	0.5
M,P-Xylene	179601-23-1	NS	NS	NS	NS	NS	ug/l	ND	U	0.057	0.5	ND	U	0.057	0.5
Naphthalene	91-20-3	100	100	NS	0.12	4.59	ug/l	ND	U	0.23	0.5	ND	U	0.23	0.5
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	NS	19.35	NS	ug/l	ND	U	0.22	0.5	ND	U	0.22	0.5
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	20	6300	NS	14.3	450	ug/l	ND	U	0.12	0.5	ND	U	0.12	0.5
Toluene	108-88-3	1000	34000	1000	110.15	1920	ug/l	ND	U	0.28	0.5	ND	U	0.28	0.5
Total Xylenes	1330-20-7	10000	10000	10000	19.32	38.5	ug/l	ND	U	0.5	0.5	ND	U	0.5	0.5

See notes on last page.

Table 7
Drinking Water Results Summary: June to September 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	U.S. EPA Tap Water Risk Screening Level (TR=1E-06, THQ=0.1)	U.S. EPA Target Groundwater Concentration for VI Screening (TR=1E-06, THQ=0.1)	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			
							Matrix:	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
01_VOCs																														
1,2,4-Trimethylbenzene	95-63-6	130	510	NS	5.57	24.8	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
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	130	360	NS	6.03	17.5	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
Benzene	71-43-2	5	23	5	0.46	1.59	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
Ethylbenzene	100-41-4	700	700	700	1.5	3.49	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
Isopropylbenzene (Cumene)	98-82-8	840	1900	NS	45.06	88.7	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
M,P-Xylene	179601-23-1	NS	NS	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
Naphthalene	91-20-3	100	100	NS	0.12	4.59	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
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	NS	19.35	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
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	20	6300	NS	14.3	450	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
Toluene	108-88-3	1000	34000	1000	110.15	1920	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
Total Xylenes	1330-20-7	10000	10000	10000	19.32	38.5	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

See notes on last page.

Table 7
Drinking Water Results Summary: June to September 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	U.S. EPA Tap Water Risk Screening Level (TR=1E-06, THQ=0.1)	U.S. EPA Target Groundwater Concentration for VI Screening (TR=1E-06, THQ=0.1)	Sample ID:	REDACTED																							
							Lab Sample ID:																							
							Date Sampled:	06/23/2026				06/23/2026				06/29/2026				06/29/2026				07/07/2026				07/07/2026			
							Matrix:	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
01_VOCs																														
1,2,4-Trimethylbenzene	95-63-6	130	510	NS	5.57	24.8	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
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	130	360	NS	6.03	17.5	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
Benzene	71-43-2	5	23	5	0.46	1.59	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
Ethylbenzene	100-41-4	700	700	700	1.5	3.49	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
Isopropylbenzene (Cumene)	98-82-8	840	1900	NS	45.06	88.7	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
M,P-Xylene	179601-23-1	NS	NS	NS	NS	NS	ug/l	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
Naphthalene	91-20-3	100	100	NS	0.12	4.59	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
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	NS	19.35	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
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	20	6300	NS	14.3	450	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
Toluene	108-88-3	1000	34000	1000	110.15	1920	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
Total Xylenes	1330-20-7	10000	10000	10000	19.32	38.5	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

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Table 7
Drinking Water Results Summary: June to September 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	U.S. EPA Tap Water Risk Screening Level (TR=1E-06, THQ=0.1)	U.S. EPA Target Groundwater Concentration for VI Screening (TR=1E-06, THQ=0.1)	Sample ID:	REDACTED																					
							Lab Sample ID:																					
							Date Sampled:	07/08/2026				07/08/2026				07/22/2026				07/22/2026				07/23/2026				07/23/2026			
							Matrix:	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
01_VOCs																														
1,2,4-Trimethylbenzene	95-63-6	130	510	NS	5.57	24.8	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
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	130	360	NS	6.03	17.5	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
Benzene	71-43-2	5	23	5	0.46	1.59	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
Ethylbenzene	100-41-4	700	700	700	1.5	3.49	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
Isopropylbenzene (Cumene)	98-82-8	840	1900	NS	45.06	88.7	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
M,P-Xylene	179601-23-1	NS	NS	NS	NS	NS	ug/l	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	0.12	4.59	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
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	NS	19.35	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
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	20	6300	NS	14.3	450	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
Toluene	108-88-3	1000	34000	1000	110.15	1920	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
Total Xylenes	1330-20-7	10000	10000	10000	19.32	38.5	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

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Table 7
Drinking Water Results Summary: June to September 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	U.S. EPA Tap Water Risk Screening Level (TR=1E-06, THQ=0.1)	U.S. EPA Target Groundwater Concentration for VI Screening (TR=1E-06, THQ=0.1)	Sample ID:	REDACTED																					
							Lab Sample ID:																					
							Date Sampled:	07/27/2026				07/27/2026				07/28/2026				07/28/2026				07/29/2026				07/29/2026			
							Matrix:	TRIP BLANK				FIELD BLANK				TRIP BLANK				FIELD BLANK				TRIP 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
01_VOCs																														
1,2,4-Trimethylbenzene	95-63-6	130	510	NS	5.57	24.8	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
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	130	360	NS	6.03	17.5	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
Benzene	71-43-2	5	23	5	0.46	1.59	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
Ethylbenzene	100-41-4	700	700	700	1.5	3.49	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
Isopropylbenzene (Cumene)	98-82-8	840	1900	NS	45.06	88.7	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
M,P-Xylene	179601-23-1	NS	NS	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
Naphthalene	91-20-3	100	100	NS	0.12	4.59	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
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	NS	19.35	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
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	20	6300	NS	14.3	450	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
Toluene	108-88-3	1000	34000	1000	110.15	1920	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
Total Xylenes	1330-20-7	10000	10000	10000	19.32	38.5	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

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Table 7
Drinking Water Results Summary: June to September 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	U.S. EPA Tap Water Risk Screening Level (TR=1E-06, THQ=0.1)	U.S. EPA Target Groundwater Concentration for VI Screening (TR=1E-06, THQ=0.1)	Sample ID:	REDACTED																					
							Lab Sample ID:																					
							Date Sampled:	07/29/2026				07/30/2026				07/30/2026				08/03/2026				08/05/2026				08/05/2026			
							Matrix:	FIELD BLANK				TRIP BLANK				FIELD BLANK				TRIP 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
01_VOCs																														
1,2,4-Trimethylbenzene	95-63-6	130	510	NS	5.57	24.8	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
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	130	360	NS	6.03	17.5	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
Benzene	71-43-2	5	23	5	0.46	1.59	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
Ethylbenzene	100-41-4	700	700	700	1.5	3.49	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
Isopropylbenzene (Cumene)	98-82-8	840	1900	NS	45.06	88.7	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
M,P-Xylene	179601-23-1	NS	NS	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
Naphthalene	91-20-3	100	100	NS	0.12	4.59	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
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	NS	19.35	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
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	20	6300	NS	14.3	450	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
Toluene	108-88-3	1000	34000	1000	110.15	1920	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
Total Xylenes	1330-20-7	10000	10000	10000	19.32	38.5	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

See notes on last page.

Table 7
Drinking Water Results Summary: June to September 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	U.S. EPA Tap Water Risk Screening Level (TR=1E-06, THQ=0.1)	U.S. EPA Target Groundwater Concentration for VI Screening (TR=1E-06, THQ=0.1)	Sample ID:	REDACTED																					
							Lab Sample ID:																					
							Date Sampled:	08/06/2026				08/10/2026				08/10/2026				08/17/2026				08/18/2026				08/27/2026			
							Matrix:	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
01_VOCs																														
1,2,4-Trimethylbenzene	95-63-6	130	510	NS	5.57	24.8	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
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	130	360	NS	6.03	17.5	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
Benzene	71-43-2	5	23	5	0.46	1.59	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
Ethylbenzene	100-41-4	700	700	700	1.5	3.49	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
Isopropylbenzene (Cumene)	98-82-8	840	1900	NS	45.06	88.7	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
M,P-Xylene	179601-23-1	NS	NS	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
Naphthalene	91-20-3	100	100	NS	0.12	4.59	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
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	NS	19.35	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
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	20	6300	NS	14.3	450	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
Toluene	108-88-3	1000	34000	1000	110.15	1920	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
Total Xylenes	1330-20-7	10000	10000	10000	19.32	38.5	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

See notes on last page.

Table 7
Drinking Water Results Summary: June to September 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	U.S. EPA Tap Water Risk Screening Level (TR=1E-06, THQ=0.1)	U.S. EPA Target Groundwater Concentration for VI Screening (TR=1E-06, THQ=0.1)	Sample ID:	REDACTED																					
							Lab Sample ID:																					
							Date Sampled:	08/27/2026				09/01/2026				09/01/2026				09/09/2026				09/09/2026				09/10/2026			
							Matrix:	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
01_VOCs																														
1,2,4-Trimethylbenzene	95-63-6	130	510	NS	5.57	24.8	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
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	130	360	NS	6.03	17.5	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
Benzene	71-43-2	5	23	5	0.46	1.59	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
Ethylbenzene	100-41-4	700	700	700	1.5	3.49	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
Isopropylbenzene (Cumene)	98-82-8	840	1900	NS	45.06	88.7	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
M,P-Xylene	179601-23-1	NS	NS	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
Naphthalene	91-20-3	100	100	NS	0.12	4.59	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
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	NS	19.35	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
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	20	6300	NS	14.3	450	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
Toluene	108-88-3	1000	34000	1000	110.15	1920	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
Total Xylenes	1330-20-7	10000	10000	10000	19.32	38.5	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

See notes on last page.

Table 7
Drinking Water Results Summary: June to September 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	U.S. EPA Tap Water Risk Screening Level (TR=1E-06, THQ=0.1)	U.S. EPA Target Groundwater Concentration for VI Screening (TR=1E-06, THQ=0.1)	Sample ID:	REDACTED			
							Lab Sample ID:				
							Date Sampled:	09/10/2026			
							Matrix:	FIELD BLANK			
							Unit	Result	Q	MDL	RL
01_VOCs											
1,2,4-Trimethylbenzene	95-63-6	130	510	NS	5.57	24.8	ug/l	ND	U	0.21	0.5
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	130	360	NS	6.03	17.5	ug/l	ND	U	0.2	0.5
Benzene	71-43-2	5	23	5	0.46	1.59	ug/l	ND	U	0.21	0.5
Ethylbenzene	100-41-4	700	700	700	1.5	3.49	ug/l	ND	U	0.21	0.5
Isopropylbenzene (Cumene)	98-82-8	840	1900	NS	45.06	88.7	ug/l	ND	U	0.19	0.5
M,P-Xylene	179601-23-1	NS	NS	NS	NS	NS	ug/l	ND	U	0.057	0.5
Naphthalene	91-20-3	100	100	NS	0.12	4.59	ug/l	ND	U	0.23	0.5
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	NS	19.35	NS	ug/l	ND	U	0.22	0.5
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	20	6300	NS	14.3	450	ug/l	ND	U	0.12	0.5
Toluene	108-88-3	1000	34000	1000	110.15	1920	ug/l	ND	U	0.28	0.5
Total Xylenes	1330-20-7	10000	10000	10000	19.32	38.5	ug/l	ND	U	0.5	0.5

See notes on last page.

Table 7

Drinking Water Results Summary: June to September 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.

Exceedance Summary:

10 - Result exceeds U.S. EPA Tap Water Risk Screening Level (TR=1E-06, THQ=0.1)

Table 8
Near-Source Soil Gas Results: August 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project #220240201

Analyte	CAS Number	PADEP Residential Near-Source Soil Gas VI Screening Values	PADEP Residential Near-Source Soil Gas VI Screening Values (1/10th Values)	US EPA Target Sub-Slab & Near-source Soil Gas Concentration (TCR=1E-06, THQ=1)	Location	VMP-C				
					Sample Name	VMP-C_081326				
					Matrix	Near-Source Soil Gas				
					Depth (' bgs)	17-17.5				
					Sample Date	08/13/2026				
					Unit	Result	Q	MDL	RL	DF
Volatile Organic Compounds										
1,1,1-Trichloroethane	71-55-6	1000000	100000	174000	ug/m3	ND	U	1.68	5.46	5
1,1,2,2-Tetrachloroethane	79-34-5	84	8.4	1.61	ug/m3	ND	U	*1.79*	*6.87*	5
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	1000000	100000	174000	ug/m3	ND	U	1.94	7.66	5
1,1,2-Trichloroethane	79-00-5	42	4.2	5.85	ug/m3	ND	U	1.59	*5.46*	5
1,1-Dichloroethane	75-34-3	3000	300	58.5	ug/m3	ND	U	1.15	4.05	5
1,1-Dichloroethene	75-35-4	42000	4200	138	ug/m3	ND	U	1.13	3.96	5
1,2,4-Trichlorobenzene	120-82-1	420	42	69.5	ug/m3	ND	U	3.71	7.42	5
1,2,4-Trimethylbenzene	95-63-6	13000	1300	2090	ug/m3	133		1.42	4.92	5
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	8.1	0.81	0.16	ug/m3	ND	U	*2.09*	*7.69*	5
1,2-Dichlorobenzene	95-50-1	42000	4200	6950	ug/m3	ND	U	1.86	6.01	5
1,2-Dichloroethane	107-06-2	190	19	3.6	ug/m3	ND	U	1.59	*4.05*	5
1,2-Dichloropropane	78-87-5	1.3	0.13	25.3	ug/m3	ND	U	*1.46*	*4.62*	5
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	13000	1300	2090	ug/m3	45.6		1.47	4.92	5
1,3-Butadiene	106-99-0	160	16	3.12	ug/m3	ND	U	0.686	2.21	5
1,3-Dichloropropane	142-28-9	NS	NS	NS	ug/m3	ND	U	1.24	4.62	5
1,4-Dichlorobenzene	106-46-7	440	44	8.51	ug/m3	ND	U	2.48	6.01	5
1,4-Dioxane (P-Dioxane)	123-91-1	970	97	18.7	ug/m3	ND	U	0.969	3.6	5
Acetone	67-64-1	6500000	650000	NS	ug/m3	108		6.13	11.9	5
Acrolein	107-02-8	4.2	0.42	0.7	ug/m3	ND	U	*1.71*	*5.73*	5
Acrylonitrile	107-13-1	72	7.2	1.38	ug/m3	ND	U	0.97	*5.43*	5
Allyl Chloride (3-Chloropropene)	107-05-1	210	21	15.6	ug/m3	ND	U	1.35	3.13	5
Benzene	71-43-2	620	62	12	ug/m3	**716**		1.03	3.19	5
Benzyl Chloride	100-44-7	99	9.9	1.91	ug/m3	ND	U	*2.43*	*5.18*	5
Bromodichloromethane	75-27-4	130	13	2.53	ug/m3	ND	U	2.3	*6.7*	5
Bromoethene	593-60-2	150	15	6.24	ug/m3	ND	U	1.58	4.37	5
Bromoform	75-25-2	4400	440	85.1	ug/m3	ND	U	3.08	10.3	5
Bromomethane	74-83-9	1000	100	174	ug/m3	ND	U	1.06	3.88	5
Carbon Disulfide	75-15-0	150000	15000	24300	ug/m3	12.1		0.722	3.11	5
Carbon Tetrachloride	56-23-5	810	81	15.6	ug/m3	ND	U	2.16	6.29	5
Chlorobenzene	108-90-7	10000	1000	1740	ug/m3	ND	U	1.19	4.61	5
Chloroethane	75-00-3	2100000	210000	139000	ug/m3	ND	U	0.855	2.64	5
Chloroform	67-66-3	210	21	4.07	ug/m3	**208**		1.35	*4.88*	5
Chloromethane	74-87-3	2700	270	3130	ug/m3	ND	U	0.595	2.07	5
Cyclohexane	110-82-7	1300000	130000	209000	ug/m3	392		1.25	3.44	5
Dibromochloromethane	124-48-1	NS	NS	NS	ug/m3	ND	U	2.41	8.52	5
Dichlorodifluoromethane	75-71-8	21000	2100	3480	ug/m3	6.68		1.87	4.94	5
Ethylbenzene	100-41-4	1900	190	37.4	ug/m3	**224**		1.25	4.34	5
Isopropanol	67-63-0	42000	4200	6950	ug/m3	16.5		3.34	12.3	5
Isopropylbenzene (Cumene)	98-82-8	83000	8300	13900	ug/m3	12		1.52	4.92	5
M,P-Xylene	179601-23-1	NS	NS	NS	ug/m3	1,070		2.71	8.69	5
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	630000	63000	104000	ug/m3	ND	U	3.89	10.2	5
Methyl Methacrylate	80-62-6	150000	15000	24300	ug/m3	ND	U	4.63	10.2	5
Methylene Chloride	75-09-2	130000	13000	3380	ug/m3	ND	U	2.17	8.69	5
Naphthalene	91-20-3	140	14	2.75	ug/m3	ND	U	1.55	*4.98*	5
n-Hexane	110-54-3	150000	15000	24300	ug/m3	182		1.31	3.52	5
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	3480	ug/m3	443		1.35	4.34	5
Styrene	100-42-5	210000	21000	34800	ug/m3	14.8		1.27	4.26	5
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	19000	1900	360	ug/m3	ND	U	0.811	3.61	5
Tetrachloroethene (PCE)	127-18-4	8300	830	360	ug/m3	2.54	J	2.13	6.78	5
Tetrahydrofuran	109-99-9	2500	250	69500	ug/m3	2.2	J	1.73	7.37	5
Toluene	108-88-3	1000000	100000	174000	ug/m3	1,310		1.64	3.77	5
Total Xylenes	1330-20-7	21000	2100	3480	ug/m3	1,520		1.35	4.34	5
Trans-1,2-Dichloroethene	156-60-5	NS	NS	1390	ug/m3	ND	U	1.5	3.96	5
Trichloroethene (TCE)	79-01-6	420	42	15.9	ug/m3	ND	U	1.47	5.37	5
Trichlorofluoromethane	75-69-4	150000	15000	NS	ug/m3	ND	U	2.21	5.62	5
Vinyl Chloride	75-01-4	160	16	5.59	ug/m3	ND	U	0.744	2.56	5

See notes on last page.

Table 8
Near-Source Soil Gas Results: August 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project #220240201

Notes:

Soil gas results were compared to the PADEP near-source soil gas statewide health standard (SHS) vapor intrusion (VI) screening values and 1/10th of those values (November 2021)

Soil gas results were compared to the US EPA Target Residential Sub-Slab and Near-source Soil Gas Concentration (Target Cancer Risk [TCR]=1E-06, Target Hazard Quotient [THQ]=1)

US EPA - United States Environmental Protection Agency
PADEP - Pennsylvania Department of Environmental Protection
VI - Vapor Intrusion
' bgs - feet below ground surface
CAS - Chemical Abstract Service
NS - No standard
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 PADEP Residential Near-Source Soil Gas VI Screening Values
10 - Result exceeds PADEP Residential Near-Source Soil Gas VI Screening Values - 1/10th Values
10 - Result exceeds US EPA Target Residential Sub-Slab & Near-source Soil Gas Concentration (TCR=1E-06, THQ=1)
10 - MDL or RL greater than the applicable standard

See notes on last page.

Table 9
Sub-Slab Soil Gas Results: June to August 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project #220240201

Analyte	CAS Number	PADEP Residential Sub-Slab Soil Gas VI Screening Values	PADEP Residential Sub-Slab Soil Gas VI Screening Values (1/10th Values)	EPA Residential VISL for Sub-Slab Soil Gas (THQ=1E-06)	Location	SSMP-C					SSMP-E					SSMP-G					SSMP-G					SSMP-H					SSMP-I				
					Sample Name	SSMP-C_082026					SSMP-E_070126					SSMP-G_070726					SSMP-G_072226					SSMP-H_062926					SSMP-I_070726				
					Matrix	Sub-Slab Soil Gas					Sub-Slab Soil Gas					Sub-Slab Soil Gas					Sub-Slab Soil Gas					Sub-Slab Soil Gas					Sub-Slab Soil Gas				
					Sample Date	08/20/2026					07/01/2026					07/07/2026					07/22/2026					06/29/2026					07/07/2026				
					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	200000	20000	174000	ug/m3	ND	U	0.335	1.09	1	ND	U	1.68	5.46	5	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1	ND	U	1.68	5.46	5	ND	U	0.335	1.09	1
1,1,2,2-Tetrachloroethane	79-34-5	16	1.6	1.61	ug/m3	ND	U	0.357	1.37	1	ND	U	*1.79*	*6.87*	5	ND	U	0.357	1.37	1	ND	U	0.357	1.37	1	ND	U	*1.79*	*6.87*	5	ND	U	0.357	1.37	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	200000	20000	174000	ug/m3	0.583	J	0.388	1.53	1	ND	U	1.94	7.66	5	ND	U	0.388	1.53	1	0.606	J	0.388	1.53	1	ND	U	1.94	7.66	5	0.56	J	0.388	1.53	1
1,1,2-Trichloroethane	79-00-5	8	0.8	5.85	ug/m3	ND	U	0.318	*1.09*	1	ND	U	*1.59*	*5.46*	5	ND	U	0.318	*1.09*	1	ND	U	0.318	*1.09*	1	ND	U	*1.59*	*5.46*	5	ND	U	0.318	*1.09*	1
1,1-Dichloroethane	75-34-3	590	59	58.5	ug/m3	ND	U	0.23	0.809	1	ND	U	1.15	4.05	5	ND	U	0.23	0.809	1	ND	U	0.23	0.809	1	ND	U	1.15	4.05	5	ND	U	0.23	0.809	1
1,1-Dichloroethene	75-35-4	8000	800	138	ug/m3	ND	U	0.225	0.793	1	ND	U	1.13	3.96	5	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1	ND	U	1.13	3.96	5	ND	U	0.225	0.793	1
1,2,4-Trichlorobenzene	120-82-1	80	8	69.5	ug/m3	ND	U	0.742	1.48	1	ND	U	3.71	7.42	5	ND	U	0.742	1.48	1	ND	U	0.742	1.48	1	ND	U	3.71	7.42	5	ND	U	0.742	1.48	1
1,2,4-Trimethylbenzene	95-63-6	2400	240	2090	ug/m3	6		0.284	0.983	1	ND	U	1.42	4.92	5	4.92		0.284	0.983	1	8.41		0.037	0.098	1	5.6		1.42	4.92	5	5.41		0.284	0.983	1
1,2-Dibromoethane	106-93-4	1.6	0.16	0.16	ug/m3	ND	U	*0.418*	*1.54*	1	ND	U	*2.09*	*7.69*	5	ND	U	*0.418*	*1.54*	1	ND	U	*0.418*	*1.54*	1	ND	U	*2.09*	*7.69*	5	ND	U	*0.418*	*1.54*	1
1,2-Dichlorobenzene	95-50-1	8000	800	6950	ug/m3	3.69		0.372	1.2	1	ND	U	1.86	6.01	5	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1	ND	U	1.86	6.01	5	ND	U	0.372	1.2	1
1,2-Dichloroethane	107-06-2	36	3.6	3.6	ug/m3	2.04		0.319	0.809	1	ND	U	1.59	*4.05*	5	ND	U	0.319	0.809	1	1.25		0.319	0.809	1	ND	U	1.59	*4.05*	5	ND	U	0.319	0.809	1
1,2-Dichloropropane	78-87-5	0.25	0.025	25.3	ug/m3	ND	U	*0.292*	*0.924*	1	ND	U	*1.46*	*4.62*	5	**0.781**	J	*0.292*	*0.924*	1	**0.573**	J	*0.292*	*0.924*	1	ND	U	*1.46*	*4.62*	5	**2.38**		*0.292*	*0.924*	1
1,3,5-Trimethylbenzene	108-67-8	2400	240	2090	ug/m3	2.29		0.295	0.983	1	ND	U	1.47	4.92	5	1.28		0.295	0.983	1	2.26		0.295	0.983	1	1.5	J	1.47	4.92	5	1.45		0.295	0.983	1
1,3-Butadiene	106-99-0	31	3.1	3.12	ug/m3	ND	U	0.137	0.442	1	ND	U	0.686	2.21	5	ND	U	0.137	0.442	1	0.144	J	0.137	0.442	1	ND	U	0.686	2.21	5	ND	U	0.137	0.442	1
1,3-Dichloropropane	142-28-9	NS	NS	NS	ug/m3	ND	U	0.248	0.924	1	ND	U	1.24	4.62	5	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1	ND	U	1.24	4.62	5	ND	U	0.248	0.924	1
1,4-Dichlorobenzene	106-46-7	85	8.5	8.51	ug/m3	ND	U	0.497	1.2	1	ND	U	2.48	6.01	5	ND	U	0.497	1.2	1	ND	U	0.497	1.2	1	ND	U	2.48	6.01	5	ND	U	0.497	1.2	1
1,4-Dioxane (P-Dioxane)	123-91-1	190	19	18.7	ug/m3	ND	U	0.194	0.721	1	ND	U	0.969	3.6	5	0.198	J	0.194	0.721	1	0.274	J	0.194	0.721	1	ND	U	0.969	3.6	5	0.231	J	0.194	0.721	1
Acetone	67-64-1	1200000	120000	NS	ug/m3	139		1.22	2.38	1	26.8		6.13	11.9	5	54.6		1.22	2.38	1	67.2		1.22	2.38	1	15.8		6.13	11.9	5	53.4		1.22	2.38	1
Acrolein	107-02-8	0.8	0.08	0.7	ug/m3	ND	U	*0.342*	*1.15*	1	ND	U	*1.71*	*5.73*	5	ND	U	*0.342*	*1.15*	1	**1.12**	J	*0.342*	*1.15*	1	ND	U	*1.71*	*5.73*	5	ND	U	*0.342*	*1.15*	1
Acrylonitrile	107-13-1	14	1.4	1.38	ug/m3	ND	U	0.194	1.09	1	ND	U	0.97	*5.43*	5	0.241	J	0.194	1.09	1	0.438	J	0.194	1.09	1	ND	U	0.97	*5.43*	5	0.345	J	0.194	1.09	1
Allyl Chloride (3-Chloropropene)	107-05-1	40	4	15.6	ug/m3	ND	U	0.269	0.626	1	ND	U	1.35	3.13	5	ND	U	0.269	0.626	1	ND	U	0.269	0.626	1	ND	U	1.35	3.13	5	ND	U	0.269	0.626	1
Benzene	71-43-2	120	12	12	ug/m3	0.275	J	0.205	0.639	1	ND	U	1.03	3.19	5	**54**		0.205	0.639	1	1.26		0.205	0.639	1	ND	U	1.03	3.19	5	1.24		0.205	0.639	1
Benzyl Chloride	100-44-7	19	1.9	1.91	ug/m3	ND	U	0.486	1.04	1	ND	U	*2.43*	*5.18*	5	ND	U	0.486	1.04	1	ND	U	0.486	1.04	1	ND	U	*2.43*	*5.18*	5	ND	U	0.486	1.04	1
Bromodichloromethane	75-27-4	25	2.5	2.53	ug/m3	ND	U	0.462	1.34	1	ND	U	2.3	*6.7*	5	ND	U	0.462	1.34	1	ND	U	0.462	1.34	1	ND	U	2.3	*6.7*	5	ND	U	0.462	1.34	1
Bromoethene	593-60-2	29	2.9	6.24	ug/m3	ND	U	0.316	0.874	1	ND	U	1.58	*4.37*	5	ND	U	0.316	0.874	1	ND	U	0.316	0.874	1	ND	U	1.58	*4.37*	5	ND	U	0.316	0.874	1
Bromoform	75-25-2	850	85	85.1	ug/m3	ND	U	0.616	2.07	1	ND	U	3.08	10.3	5	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1	ND	U	3.08	10.3	5	ND	U	0.616	2.07	1
Bromomethane	74-83-9	200	20	174	ug/m3	ND	U	0.212	0.777	1	ND	U	1.06	3.88	5	ND	U	0.212	0.777	1	ND	U	0.212	0.777	1	ND	U	1.06	3.88	5	ND	U	0.212	0.777	1
Carbon Disulfide	75-15-0	28000	2800	24300	ug/m3	2.03		0.145	0.623	1	1.45	J	0.722	3.11	5	0.517	J	0.145	0.623	1	1.72		0.145	0.623	1	ND	U	0.722	3.11	5	1.28		0.145	0.623	1
Carbon Tetrachloride	56-23-5	160	16	15.6	ug/m3	ND	U	0.432	1.26	1	ND	U	2.16	6.29	5	ND	U	0.432	1.26	1	ND	U	0.432	1.26	1	ND	U	2.16	6.29	5	ND	U	0.432	1.26	1
Chlorobenzene	108-90-7	2000	200	1740	ug/m3	ND	U	0.238	0.921	1	ND	U	1.19	4.61	5	ND	U	0.238	0.921	1	0.35	J	0.238	0.921	1	ND	U	1.19	4.61	5	ND	U	0.238	0.921	1
Chloroethane	75-00-3	400000	40000	139000	ug/m3	ND	U	0.171	0.528	1	ND	U	0.855	2.64	5	ND	U	0.171	0.528	1	ND	U	0.171	0.528	1	ND	U	0.855	2.64	5	ND	U	0.171	0.528	1
Chloroform	67-66-3	41	4.1	4.07	ug/m3	ND	U	0.27	0.977	1	ND	U	1.35	*4.88*	5	ND	U	0.27	0.977	1	1.05		0.27	0.977	1	ND	U	1.35	*4.88*	5	ND	U	0.27	0.977	1
Chloromethane	74-87-3	520	52	3130	ug/m3	ND	U	0.119	0.413	1	ND	U	0.595	2.07	5	ND	U	0.119	0.413	1	0.173	J	0.119	0.413	1	ND	U	0.595	2.07	5	0.223	J	0.119	0.413	1
Cyclohexane	110-82-7	240000	24000	209000	ug/m3	ND	U	0.251	0.688	1	ND	U	1.25	3.44	5	0.503	J	0.251	0.688	1	1.32		0.251	0.688	1	ND	U	1.25	3.44	5	0.809		0.251	0.688	1
Dibromochloromethane	124-48-1	NS	NS	NS	ug/m3	ND	U	0.482	1.7	1	ND	U	2.41	8.52	5	ND	U	0.482	1.7	1	ND	U	0.482	1.7	1	ND	U	2.41	8.52	5	ND	U	0.482	1.7	1
Dichlorodifluoromethane	75-71-8	4000	400	3480	ug/m3	2.45		0.374	0.989	1	2.42	J	1.87	4.94	5	2.12		0.374	0.989	1	2.68		0.374	0.989	1	2.57	J	1.87	4.94	5	1.58		0.374	0.989	1
Ethylbenzene	100-41-4	370	37	37.4	ug/m3	1.77		0.25	0.869	1	1.69	J	1.25	4.34	5	1.87		0.25	0.869	1	2.61		0.25	0.869	1	1.28	J	1.25	4.34	5	2.65		0.25	0.869	1
Isopropanol	67-63-0	8000	800	6950	ug/m3	24.3		0.669	2.46	1	41.5		3.34	12.3	5	27.5		0.669	2.46	1	21.9		0.669	2.46	1	33.9		3.34	12.3	5	26.3		0.669	2.46	1
Isopropylbenzene (Cumene)	98-82-8	16000	1600	13900	ug/m3	0.324	J	0.305	0.983	1	ND	U	1.52	4.92	5	1		0.305	0.983	1	1.63		0.305	0.983	1	ND	U	1.52	4.92	5	1.53		0.305	0.983	1
M,P-Xylene	179601-23-1	NS	NS	NS	ug/m3	6.12		0.543	1.74	1	4.43	J	2.71	8.69	5	5.65		0.543	1.74	1	9.21		0.543	1.74	1	4.95	J	2.71	8.69	5	7.64		0.543	1.74	1
Methyl Isobutyl Ketone	108-10-1	120000	12000	104000	ug/m3	5		0.779	2.05	1	ND	U	3.89	10.2	5	2.32		0.779	2.05	1	3.45		0.779	2.05	1	ND	U	3.89	10.2	5	2.36		0.779	2.05	1
Methyl Methacrylate	80-62-6	28000	2800	24300	ug/m3	ND	U	0.925	2.05	1	ND	U	4.63	10.2	5	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1	ND	U	4.63	10.2	5	1.18	J	0.925	2.05	1
Methylene Chloride	75-09-2	24000	2400	3380	ug/m3	ND	U	0.434	1.74	1	ND	U	2.17	8.69	5	ND	U	0.434	1.74	1	0.476	J	0.434	1.74	1	ND	U	2.17	8.69	5	ND	U	0.434	1.74	1
Naphthalene	91-20-3	28	2.8	2.75	ug/m3	0.918	J	0.309	0.996	1	ND	U	1.55	*4.98*	5	0.383	J	0.309	0.996	1	0.75	J	0.309	0.996	1	ND	U	1.55	*4.98*	5	0.378	J	0.309	0.996	1
n-Hexane	110-54-3	28000	2800	24300	ug/m3	1.3		0.262	0.705	1	2.27	J	1.31	3.52	5	2.14		0.262	0.705	1	2.17		0.262	0.705	1	ND	U	1.31	3.52	5	5.46		0.262	0.705	1
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	3480	ug/m3	3.33		0.27	0.869	1	2.02	J	1.35	4.34	5	2.76		0.27	0.869	1	5		0.27	0.869	1	2.67	J	1.35	4.34	5	3.72		0.27	0.869	1
Styrene	100-42-5	40000	4000	34800	ug/m3	1.81		0.254	0.852	1	ND	U	1.27	4.26	5	1.3		0.254	0.852	1	5.45		0.254	0.852	1	ND	U	1.27	4.26	5	3.08		0.254	0.852	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	3600	360	360	ug/m3	ND	U	0.162	0.721	1	ND	U	0.811	3.61	5	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1	ND	U	0.811	3.61	5	ND	U	0.162	0.721	1
Tetrachloroethene (PCE)	127-18-4	1600	160	360	ug/m3	0.793	J	0.425	1.36	1	ND	U	2.13	6.78	5	1.21	J	0.425	1.36	1	1.25	J	0.425	1.36	1	ND	U	2.13	6.78	5	0.509	J	0.425	1.36	1
Tetrahydrofuran	109-99-9	480	48	69500	ug/m3	3.78		0.345	1.47	1	ND	U	1.73	7.37	5	3.6		0.345	1.47	1	3.16		0.345	1.47	1	ND	U	1.73	7.37	5	3.69		0.345	1.47	1
Toluene	108-88-3	200000	20000	174000	ug/m3	2.63		0.327	0.754	1	5.58		1.64	3.77	5	4.56		0.327	0.754	1	6.29		0.327	0.754	1	2.81	J	1.64	3.77	5	9.61		0.327	0.754	1
Total Xylenes	1330-20-7	4000	400	3480	ug/m3	9.43		0.27	0.869	1	6.43	J	1.35	4.34	5	8.38		0.27	0.869	1	14.2		0.27	0.869	1	7.6	J	1.35	4.34	5	11.3		0.27	0.869	1
Trans-1,2-Dichloroethene	156-60-5	NS	NS	1390	ug/m3	ND	U	0.299	0.793	1	ND	U	1.5	3.96	5	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1	ND	U	1.5	3.96	5	ND	U	0.299	0.793	1
Trichloroethene (TCE)	79-01-6	80	8	15.9	ug/m3	ND	U	0.295	1.07	1	ND	U	1.47	5.37	5	ND	U	0.295	1.07	1	ND	U	0.295	1.07	1	ND	U	1.47	5.37	5	ND	U	0.295	1.07	1
Trichlorofluoromethane	75-69-4	28000	2800	NS	ug/m3	1.3		0.442	1.12	1	ND	U	2.21	5.62	5	33.5		0.442	1.12	1	33.9		0.442	1.12	1	ND	U	2.21	5.62	5	1.25		0.442	1.12	1
Vinyl Chloride	75-01-4	31	3.1	5.59	ug/m3	ND	U	0.149	0.511	1	ND	U	0.744	2.56	5	ND	U	0.149	0.511	1	ND	U	0.149	0.511	1	ND	U	0.744	2.56	5	ND	U	0.149	0.511	1

See notes on last page.

Table 9
Sub-Slab Soil Gas Results: June to August 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project #220240201

Analyte	CAS Number	PADEP Residential Sub-Slab Soil Gas VI Screening Values	PADEP Residential Sub-Slab Soil Gas VI Screening Values (1/10th Values)	EPA Residential VISL for Sub-Slab Soil Gas (THQ=1E-06)	Location	SSMP-J					SSMP-K					SSMP-L					SSMP-M					SSMP-N				
					Sample Name	SSMP-J_062926					SSMP-K_070126					SSMP-L_080626					SSMP-M_080526					SSMP-N_061826				
					Matrix	Sub-Slab Soil Gas					Sub-Slab Soil Gas					Sub-Slab Soil Gas					Sub-Slab Soil Gas					Sub-Slab Soil Gas				
					Sample Date	06/29/2026					07/01/2026					08/06/2026					08/05/2026					06/18/2026				
					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
Volatile Organic Compounds																													
1,1,1-Trichloroethane	71-55-6	200000	20000	174000	ug/m3	ND	U	1.68	5.46	5	ND	U	3.35	10.9	10	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	16	1.6	1.61	ug/m3	ND	U	*1.79*	*6.87*	5	ND	U	*3.57*	*13.7*	10	ND	U	0.357	1.37	1	ND	U	0.357	1.37	1	ND	U	0.357	1.37	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	200000	20000	174000	ug/m3	ND	U	1.94	7.66	5	ND	U	3.88	15.3	10	0.537	J	0.388	1.53	1	0.521	J	0.388	1.53	1	0.651	J	0.388	1.53	1
1,1,2-Trichloroethane	79-00-5	8	0.8	5.85	ug/m3	ND	U	*1.59*	*5.46*	5	ND	U	*3.18*	*10.9*	10	ND	U	0.318	*1.09*	1	ND	U	0.318	*1.09*	1	ND	U	0.318	*1.09*	1
1,1-Dichloroethane	75-34-3	590	59	58.5	ug/m3	ND	U	1.15	4.05	5	ND	U	2.3	8.09	10	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	8000	800	138	ug/m3	ND	U	1.13	3.96	5	ND	U	2.25	7.93	10	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	80	8	69.5	ug/m3	ND	U	3.71	7.42	5	ND	U	7.42	*14.8*	10	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	2400	240	2090	ug/m3	3.64	J	1.42	4.92	5	3.59	J	2.84	9.83	10	3.38		0.284	0.983	1	3.29		0.284	0.983	1	2.71		0.284	0.983	1
1,2-Dibromoethane	106-93-4	1.6	0.16	0.16	ug/m3	ND	U	*2.09*	*7.69*	5	ND	U	*4.18*	*15.4*	10	ND	U	*0.418*	*1.54*	1	ND	U	*0.418*	*1.54*	1	ND	U	*0.418*	*1.54*	1
1,2-Dichlorobenzene	95-50-1	8000	800	6950	ug/m3	ND	U	1.86	6.01	5	ND	U	3.72	12	10	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	36	3.6	3.6	ug/m3	ND	U	1.59	*4.05*	5	ND	U	3.19	*8.09*	10	0.947		0.319	0.809	1	ND	U	0.319	0.809	1	0.457	J	0.319	0.809	1
1,2-Dichloropropane	78-87-5	0.25	0.025	25.3	ug/m3	ND	U	*1.46*	*4.62*	5	ND	U	*2.92*	*9.24*	10	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	108-67-8	2400	240	2090	ug/m3	ND	U	1.47	4.92	5	ND	U	2.95	9.83	10	0.728	J	0.295	0.983	1	0.674	J	0.295	0.983	1	0.733	J	0.295	0.983	1
1,3-Butadiene	106-99-0	31	3.1	3.12	ug/m3	ND	U	0.686	2.21	5	ND	U	1.37	*4.42*	10	ND	U	0.137	0.442	1	ND	U	0.137	0.442	1	0.175	J	0.137	0.442	1
1,3-Dichloropropane	142-28-9	NS	NS	NS	ug/m3	ND	U	1.24	4.62	5	ND	U	2.48	9.24	10	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	85	8.5	8.51	ug/m3	ND	U	2.48	6.01	5	ND	U	4.97	*12*	10	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	190	19	18.7	ug/m3	ND	U	0.969	3.6	5	ND	U	1.94	7.21	10	ND	U	0.194	0.721	1	0.22	J	0.194	0.721	1	0.195	J	0.194	0.721	1
Acetone	67-64-1	1200000	120000	NS	ug/m3	24.9		6.13	11.9	5	31.1		12.2	23.8	10	10.9		1.22	2.38	1	18.1		1.22	2.38	1	49.4		1.22	2.38	1
Acrolein	107-02-8	0.8	0.08	0.7	ug/m3	**1.78**	J	*1.71*	*5.73*	5	ND	U	*3.42*	*11.5*	10	ND	U	*0.342*	*1.15*	1	**0.408**	J	*0.342*	*1.15*	1	**0.594**	J	*0.342*	*1.15*	1
Acrylonitrile	107-13-1	14	1.4	1.38	ug/m3	ND	U	0.97	*5.43*	5	ND	U	*1.94*	*10.9*	10	ND	U	0.194	1.09	1	ND	U	0.194	1.09	1	ND	U	0.194	1.09	1
Allyl Chloride (3-Chloropropene)	107-05-1	40	4	15.6	ug/m3	ND	U	1.35	3.13	5	ND	U	2.69	*6.26*	10	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	120	12	12	ug/m3	ND	U	1.03	3.19	5	ND	U	2.05	6.39	10	0.719		0.205	0.639	1	0.233	J	0.205	0.639	1	0.454	J	0.205	0.639	1
Benzyl Chloride	100-44-7	19	1.9	1.91	ug/m3	ND	U	*2.43*	*5.18*	5	ND	U	*4.86*	*10.4*	10	ND	U	0.486	1.04	1	ND	U	0.486	1.04	1	ND	U	0.486	1.04	1
Bromodichloromethane	75-27-4	25	2.5	2.53	ug/m3	ND	U	2.3	*6.7*	5	ND	U	*4.62*	*13.4*	10	ND	U	0.462	1.34	1	ND	U	0.462	1.34	1	ND	U	0.462	1.34	1
Bromoethene	593-60-2	29	2.9	6.24	ug/m3	ND	U	1.58	*4.37*	5	ND	U	*3.16*	*8.74*	10	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	850	85	85.1	ug/m3	ND	U	3.08	10.3	5	ND	U	6.16	20.7	10	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	200	20	174	ug/m3	ND	U	1.06	3.88	5	ND	U	2.12	7.77	10	ND	U	0.212	0.777	1	0.513	J	0.212	0.777	1	ND	U	0.212	0.777	1
Carbon Disulfide	75-15-0	28000	2800	24300	ug/m3	5.01		0.722	3.11	5	ND	U	1.45	6.23	10	2.34		0.145	0.623	1	1.08		0.145	0.623	1	6.42		0.145	0.623	1
Carbon Tetrachloride	56-23-5	160	16	15.6	ug/m3	ND	U	2.16	6.29	5	ND	U	4.32	12.6	10	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	2000	200	1740	ug/m3	ND	U	1.19	4.61	5	ND	U	2.38	9.21	10	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	400000	40000	139000	ug/m3	ND	U	0.855	2.64	5	ND	U	1.71	5.28	10	ND	U	0.171	0.528	1	0.815		0.171	0.528	1	ND	U	0.171	0.528	1
Chloroform	67-66-3	41	4.1	4.07	ug/m3	**6.54**		1.35	*4.88*	5	ND	U	2.7	*9.77*	10	0.654	J	0.27	0.977	1	0.869	J	0.27	0.977	1	2.02		0.27	0.977	1
Chloromethane	74-87-3	520	52	3130	ug/m3	ND	U	0.595	2.07	5	ND	U	1.19	4.13	10	0.812		0.119	0.413	1	6.55		0.119	0.413	1	0.213	J	0.119	0.413	1
Cyclohexane	110-82-7	240000	24000	209000	ug/m3	ND	U	1.25	3.44	5	ND	U	2.51	6.88	10	0.509	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	NS	NS	ug/m3	ND	U	2.41	8.52	5	ND	U	4.82	17	10	ND	U	0.482	1.7	1	ND	U	0.482	1.7	1	ND	U	0.482	1.7	1
Dichlorodifluoromethane	75-71-8	4000	400	3480	ug/m3	2.89	J	1.87	4.94	5	ND	U	3.74	9.89	10	1.99		0.374	0.989	1	2.03		0.374	0.989	1	3.19		0.374	0.989	1
Ethylbenzene	100-41-4	370	37	37.4	ug/m3	ND	U	1.25	4.34	5	ND	U	2.5	8.69	10	3.76		0.25	0.869	1	1.67		0.25	0.869	1	0.678	J	0.25	0.869	1
Isopropanol	67-63-0	8000	800	6950	ug/m3	41.3		3.34	12.3	5	48.9		6.69	24.6	10	16.1		0.669	2.46	1	11.8		0.669	2.46	1	4.01		0.669	2.46	1
Isopropylbenzene (Cumene)	98-82-8	16000	1600	13900	ug/m3	ND	U	1.52	4.92	5	ND	U	3.05	9.83	10	0.777	J	0.305	0.983	1	0.659	J	0.305	0.983	1	0.315	J	0.305	0.983	1
M,P-Xylene	179601-23-1	NS	NS	NS	ug/m3	ND	U	2.71	8.69	5	5.56	J	5.43	17.4	10	9.16		0.543	1.74	1	4.82		0.543	1.74	1	2.17		0.543	1.74	1
Methyl Isobutyl Ketone	108-10-1	120000	12000	104000	ug/m3	ND	U	3.89	10.2	5	ND	U	7.79	20.5	10	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	28000	2800	24300	ug/m3	ND	U	4.63	10.2	5	ND	U	9.25	20.5	10	ND	U	0.925	2.05	1	0.962	J	0.925	2.05	1	ND	U	0.925	2.05	1
Methylene Chloride	75-09-2	24000	2400	3380	ug/m3	ND	U	2.17	8.69	5	ND	U	4.34	17.4	10	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	28	2.8	2.75	ug/m3	ND	U	1.55	*4.98*	5	ND	U	*3.09*	*9.96*	10	0.566	J	0.309	0.996	1	0.739	J	0.309	0.996	1	0.451	J	0.309	0.996	1
n-Hexane	110-54-3	28000	2800	24300	ug/m3	ND	U	1.31	3.52	5	ND	U	2.62	7.05	10	2.91		0.262	0.705	1	2.19		0.262	0.705	1	2.04		0.262	0.705	1
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	3480	ug/m3	1.5	J	1.35	4.34	5	ND	U	2.7	8.69	10	4.82		0.27	0.869	1	2.49		0.27	0.869	1	0.982		0.27	0.869	1
Styrene	100-42-5	40000	4000	34800	ug/m3	ND	U	1.27	4.26	5	ND	U	2.54	8.52	10	8.98		0.254	0.852	1	6.64		0.254	0.852	1	1.23		0.254	0.852	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	3600	360	360	ug/m3	ND	U	0.811	3.61	5	ND	U	1.62	7.21	10	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	1600	160	360	ug/m3	6	J	2.13	6.78	5	ND	U	4.25	13.6	10	0.631	J	0.425	1.36	1	12.5		0.425	1.36	1	4.43		0.425	1.36	1
Tetrahydrofuran	109-99-9	480	48	69500	ug/m3	2.76	J	1.73	7.37	5	ND	U	3.45	14.7	10	0.976	J	0.345	1.47	1	4.42		0.345	1.47	1	5.28		0.345	1.47	1
Toluene	108-88-3	200000	20000	174000	ug/m3	1.7	J	1.64	3.77	5	ND	U	3.27	7.54	10	2.96		0.327	0.754	1	2.18		0.327	0.754	1	2.19		0.327	0.754	1
Total Xylenes	1330-20-7	4000	400	3480	ug/m3	1.5	J	1.35	4.34	5	5.56	J	2.7	8.69	10	14		0.27	0.869	1	7.3		0.27	0.869	1	3.15		0.27	0.869	1
Trans-1,2-Dichloroethene	156-60-5	NS	NS	1390	ug/m3	ND	U	1.5	3.96	5	ND	U	2.99	7.93	10	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	80	8	15.9	ug/m3	ND	U	1.47	5.37	5	ND	U	2.95	*10.7*	10	**43.9**		0.295	1.07	1	0.457	J	0.295	1.07	1	ND	U	0.295	1.07	1
Trichlorofluoromethane	75-69-4	28000	2800	NS	ug/m3	ND	U	2.21	5.62	5	ND	U	4.42	11.2	10	3.24		0.442	1.12	1	10.5		0.442	1.12	1	1.76		0.442	1.12	1
Vinyl Chloride	75-01-4	31	3.1	5.59	ug/m3	ND	U	0.744	2.56	5	ND	U	1.49	*5.11*	10	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 9
Sub-Slab Soil Gas Results: June to August 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA
Langan Project #220240201

Notes:

Sub-slab soil gas results were compared to the PADEP sub-slab soil gas statewide health standard (SHS) vapor intrusion (VI) screening values and 1/10th of those values (November 2021). Soil gas results were additionally compared to the US EPA Vapor Intrusion Screening Levels for Sub-Slab Soil Gas (Target Cancer Risk = 1E-06) as a conservative measure.

EPA - Environmental Protection Agency
PADEP - Pennsylvania Department of Environmental Protection
SHS - Statewide Health Standards
VISL - Vapor Instrusion Screening Level
VI - Vapor Intrusion
CAS - Chemical Abstract Service
NS - No standard
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 PADEP Residential Sub-Slab Soil Gas Screening Values
10 - Result exceeds PADEP Residential Sub-Slab Soil Gas Screening Values - 1/10th Values
10 - Result exceeds EPA VISL for Sub-Slab Soil Gas - Residential
10 - MDL or RL greater than the applicable standard

Table 10
Indoor and Outdoor Air Sample Results: June 2026
MIPC Chelsea
920 Cherry Tree Rd, Aston, PA
Langan Project #220240201

Analyte	CAS Number	PADEP Residential Indoor Air VI Screening Values	PADEP Residential Indoor Air VI Screening Values (1/10th Values)	Location	IA-F					AA-F				
				Sample Name	IA-F_062526					AA-F_062526				
				Sample Date	06/25/2026					06/25/2026				
				Matrix	Indoor Air					Outdoor Air				
				Location/Status	Basement/Post-SSDS Install					Basement/Post-SSDS Install				
				Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds														
1,1,1-Trichloroethane	71-55-6	5200	520	ug/m3	ND	U	0.335	1.09	1	ND	U	0.335	1.09	1
1,1,2,2-Tetrachloroethane	79-34-5	0.42	0.042	ug/m3	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	520	ug/m3	0.575	J	0.388	1.53	1	0.529	J	0.388	1.53	1
1,1,2-Trichloroethane	79-00-5	0.21	0.021	ug/m3	ND	U	*0.053*	*0.109*	1	ND	U	*0.053*	*0.109*	1
1,1-Dichloroethane	75-34-3	15	1.5	ug/m3	ND	U	0.23	0.809	1	0.607	J	0.23	0.809	1
1,1-Dichloroethene	75-35-4	210	21	ug/m3	ND	U	0.225	0.793	1	ND	U	0.225	0.793	1
1,2,4-Trichlorobenzene	120-82-1	2.1	0.21	ug/m3	ND	U	*0.742*	*1.48*	1	ND	U	*0.742*	*1.48*	1
1,2,4-Trimethylbenzene	95-63-6	63	6.3	ug/m3	0.324	J	0.284	0.983	1	0.477	J	0.284	0.983	1
1,2-Dibromoethane	106-93-4	0.041	0.0041	ug/m3	ND	U	*0.07*	*0.154*	1	ND	U	*0.07*	*0.154*	1
1,2-Dichlorobenzene	95-50-1	210	21	ug/m3	ND	U	0.372	1.2	1	ND	U	0.372	1.2	1
1,2-Dichloroethane	107-06-2	0.94	0.094	ug/m3	**3.31**		*0.319*	*0.809*	1	ND	U	*0.319*	*0.809*	1
1,2-Dichloropropane	78-87-5	0.0066	0.00066	ug/m3	ND	U	*0.292*	*0.924*	1	ND	U	*0.292*	*0.924*	1
1,3,5-Trimethylbenzene	108-67-8	63	6.3	ug/m3	ND	U	0.295	0.983	1	ND	U	0.295	0.983	1
1,3-Butadiene	106-99-0	0.81	0.081	ug/m3	ND	U	*0.137*	*0.442*	1	ND	U	*0.137*	*0.442*	1
1,3-Dichloropropane	142-28-9	NS	NS	ug/m3	ND	U	0.248	0.924	1	ND	U	0.248	0.924	1
1,4-Dichlorobenzene	106-46-7	2.2	0.22	ug/m3	ND	U	*0.497*	*1.2*	1	ND	U	*0.497*	*1.2*	1
1,4-Dioxane (P-Dioxane)	123-91-1	4.9	0.49	ug/m3	ND	U	0.194	*0.721*	1	ND	U	0.194	*0.721*	1
Acetone	67-64-1	32000	3200	ug/m3	70.6		1.22	2.38	1	13.1		1.22	2.38	1
Acrolein	107-02-8	0.021	0.0021	ug/m3	**2.11**		*0.089*	*0.115*	1	**0.376**		*0.089*	*0.115*	1
Acrylonitrile	107-13-1	0.36	0.036	ug/m3	ND	U	*0.352*	*1.09*	1	ND	U	*0.352*	*1.09*	1
Allyl Chloride (3-Chloropropene)	107-05-1	1	0.1	ug/m3	ND	U	*0.269*	*0.626*	1	ND	U	*0.269*	*0.626*	1
Benzene	71-43-2	3.1	0.31	ug/m3	**0.553**	J	0.205	*0.639*	1	**0.53**	J	0.205	*0.639*	1
Benzyl Chloride	100-44-7	0.5	0.05	ug/m3	ND	U	*0.172*	*0.518*	1	ND	U	*0.172*	*0.518*	1
Bromodichloromethane	75-27-4	0.66	0.066	ug/m3	**0.221**		0.05	*0.134*	1	ND	U	0.05	*0.134*	1
Bromoethene	593-60-2	0.76	0.076	ug/m3	ND	U	*0.316*	*0.874*	1	ND	U	*0.316*	*0.874*	1
Bromoform	75-25-2	22	2.2	ug/m3	ND	U	0.616	2.07	1	ND	U	0.616	2.07	1
Bromomethane	74-83-9	5.2	0.52	ug/m3	ND	U	0.212	*0.777*	1	ND	U	0.212	*0.777*	1
Carbon Disulfide	75-15-0	730	73	ug/m3	0.246	J	0.145	0.623	1	0.302	J	0.145	0.623	1
Carbon Tetrachloride	56-23-5	4.1	0.41	ug/m3	**0.585**	J	*0.432*	*1.26*	1	**0.56**	J	*0.432*	*1.26*	1
Chlorobenzene	108-90-7	52	5.2	ug/m3	ND	U	0.238	0.921	1	ND	U	0.238	0.921	1
Chloroethane	75-00-3	10000	1000	ug/m3	ND	U	0.171	0.528	1	0.216	J	0.171	0.528	1
Chloroform	67-66-3	1.1	0.11	ug/m3	**0.327**	J	*0.27*	*0.977*	1	**0.381**	J	*0.27*	*0.977*	1
Chloromethane	74-87-3	14	1.4	ug/m3	1.33		0.119	0.413	1	1.07		0.119	0.413	1
Cyclohexane	110-82-7	6300	630	ug/m3	1.1		0.251	0.688	1	0.682	J	0.251	0.688	1
Dibromochloromethane	124-48-1	NS	NS	ug/m3	ND	U	0.068	0.17	1	ND	U	0.068	0.17	1
Dichlorodifluoromethane	75-71-8	100	10	ug/m3	**15.7**		0.374	0.989	1	2.64		0.374	0.989	1
Ethylbenzene	100-41-4	9.7	0.97	ug/m3	0.334	J	0.25	0.869	1	0.252	J	0.25	0.869	1
Isopropanol	67-63-0	210	21	ug/m3	13.4		0.669	2.46	1	6.07		0.669	2.46	1
Isopropylbenzene (Cumene)	98-82-8	420	42	ug/m3	ND	U	0.305	0.983	1	ND	U	0.305	0.983	1
M,P-Xylene	179601-23-1	NS	NS	ug/m3	0.93	J	0.543	1.74	1	0.903	J	0.543	1.74	1
Methyl Isobutyl Ketone	108-10-1	3100	310	ug/m3	ND	U	0.779	2.05	1	ND	U	0.779	2.05	1
Methyl Methacrylate	80-62-6	730	73	ug/m3	ND	U	0.925	2.05	1	ND	U	0.925	2.05	1
Methylene Chloride	75-09-2	630	63	ug/m3	0.677	J	0.434	1.74	1	ND	U	0.434	1.74	1
Naphthalene	91-20-3	0.72	0.072	ug/m3	**0.21**	J	*0.11*	*0.262*	1	**0.136**	J	*0.11*	*0.262*	1
n-Hexane	110-54-3	730	73	ug/m3	3.14		0.262	0.705	1	4.37		0.262	0.705	1
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	ug/m3	0.387	J	0.27	0.869	1	0.352	J	0.27	0.869	1
Styrene	100-42-5	1000	100	ug/m3	0.528	J	0.254	0.852	1	ND	U	0.254	0.852	1
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	94	9.4	ug/m3	ND	U	0.162	0.721	1	ND	U	0.162	0.721	1
Tetrachloroethene (PCE)	127-18-4	42	4.2	ug/m3	2.63		0.425	1.36	1	ND	U	0.425	1.36	1
Tetrahydrofuran	109-99-9	13	1.3	ug/m3	**16.5**		0.345	*1.47*	1	**2.37**		0.345	*1.47*	1
Toluene	108-88-3	5200	520	ug/m3	2.48		0.327	0.754	1	2.48		0.327	0.754	1
Total Xylenes	1330-20-7	100	10	ug/m3	1.32	J	0.27	0.869	1	1.26	J	0.27	0.869	1
Trans-1,2-Dichloroethene	156-60-5	NS	NS	ug/m3	ND	U	0.299	0.793	1	ND	U	0.299	0.793	1
Trichloroethene (TCE)	79-01-6	2.1	0.21	ug/m3	ND	U	*0.295*	*1.07*	1	ND	U	*0.295*	*1.07*	1
Trichlorofluoromethane	75-69-4	730	73	ug/m3	4.52		0.442	1.12	1	1.33		0.442	1.12	1
Vinyl Chloride	75-01-4	0.81	0.081	ug/m3	ND	U	*0.149*	*0.511*	1	ND	U	*0.149*	*0.511*	1

See notes on last page.

Table 10
Indoor and Outdoor Air Sample Results: June 2026
MIPC Chelsea
920 Cherry Tree Rd, Aston, PA
Langan Project #220240201

Notes:
Indoor and outdoor air results were compared to PADEP Residential Indoor Air VI Screening Values and 1/10th of those values (November 2021)
PADEP - Pennsylvania Department of Environmental Protection
VI - Vapor Intrusion
SSDS - Sub-Slab Depressurization System (VI mitigation)
CAS - Chemical Abstract Service
NS - No standard
ug/m3 - Micrograms per cubic meter
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.

Exceedance Summary:
10 - Result exceeds PADEP Residential Indoor Air VI Screening Values
10 - Result exceeds PADEP Residential Indoor Air VI Screening Values (1/10th Values)
10 - MDL exceeds screening level

Table 11
LNAPL Recovery Summary
MIPC Chelsea Facility, Aston, PA 19014
Langan Project No.: 220240201

Point of Recovery	Method of Recovery	Number of Recovery Events	Estimated Total Fluids Removed (gallons)	Estimated LNAPL Removed (gallons)	Date Estimated Recovery Reported Through
WTU	Treatment System Operation	Continuous	1,435,614	56,661	9/18/2026
Monitoring Wells	Manual Bailing	71	850	830	
	VEFR	138	52,871	11,887	
	VEFR - GAC Filtration *(Estimated*)*	N/A	4,500	4,500	
	Solar / Passive Skimmers	Continuous	2,811	2,808	
T-708 SVE System	Falco 1 & 2	Continuous	2,328	2,328	
MPE System	SVE Startup Mode / RTO	Continuous	1,352	1,352	
	DPE / Liquids	Continuous	0	0	
Recovery Sump (Excavation Seep Area)	Vacuum Truck	99	33,246	1,043	
		TOTAL	**1,533,572**	**81,409**	

Notes:

* - The actual hydrocarbon mass adsorbed is estimated using assumed working adsorption capacities of 10% to 20% by weight, with 15% used as the central estimate. This calculation provides an order-of-magnitude engineering estimate and is not a substitute for direct spent carbon analytical characterization. Gasoline-equivalent gallons are expressed on a mass-equivalent basis, not as recovered free liquid gasoline volume.

DPE - Dual Phase Extraction
GAC - Granular Activated Carbon
LNAPL - Light Non-Aqueous Phase Liquid
MPE - Multi-phase Extraction
N/A - Not Applicable
RTO - Regenerative Thermal Oxidizer
SVE - Soil Vapor Extraction
VEFR - Vacuum-Enhanced Fluid Recovery
WTU - Water Treatment Unit

Table 12
Community Outreach Summary
MIPC Chelsea Facility
920 Cherry Tree Road, Aston, PA 19014
Langan Project No. 220240201

Address	Map No.	Parcel No.	Comments	8/18/2025 Notification Letter	8/19/2025 Notification Letter	11/3/2025 Notification Letter	11/11/2025 Notification Letter	12/2/2025 Notification Letter	12/5/2025 Notification Letter	12/10/2025 Potable Water Questionnaire	12/26/2025 Bottled Water Service Offer Letter	12/30/2025 Bottled Water Service Offer Letter	12/31/2025 Community Update Letter (Hand Delivery)
REDACTED				No	No	No	No	No	No	No	No	No	No
				No	No	No	No	No	No	No	No	No	No
				No	No	No	No	Yes	No	No	No	No	No
				No	No	No	No	Yes	No	No	No	No	No
				No	No	No	No	Yes	No	No	No	No	No
				No	No	No	No	No	No	No	No	No	No
				No	No	No	No	No	No	No	No	No	No
				No	No	No	No	No	No	No	No	No	No
				No	No	No	No	No	No	No	No	No	No
				No	No	No	No	No	No	No	No	No	No
				No	No	No	No	No	No	No	No	No	No
				No	No	No	No	No	No	Yes	Yes		Yes
				No	No	No	No	No	No	Yes	Yes		Yes
				No	No	No	No	Yes	No	Yes	Yes		Yes
				No	No	No	No	Yes	No	No			No

Table 12
Community Outreach Summary
MIPC Chelsea Facility
920 Cherry Tree Road, Aston, PA 19014
Langan Project No. 220240201

Address	Map No.	Parcel No.	01/02/2026 Potable Water Questionnaire / Community Update Letter (Certified Mail)	1/20/2026 Request to Sample Well Letter (Hand Delivery)	1/22/2026 Public Meeting Flyer (Hand Delivery)	1/22/2026 Public Meeting Flyer (Mail)	2/20/2026 Community Project Work Letter (Mail)	3/10/2026 Fact Sheet #3 Letter (Mail)	3/10/2026 Sound Barrier Letter (Mail)	5/11/2026 Fact Sheet #4 and Cover Letter (Mail)	Bottled Water Provided	Contacted the Hotline/ Email
REDACTED			No	No	No	No	Yes	Yes	No	Yes		
			No	No	No	No	Yes	Yes	No	Yes		
			No	No	No	No	Yes	Yes	No	Yes		
			No	No	No	No	Yes	Yes	No	Yes		
			No	No	No	No	Yes	Yes	No	Yes		
			No	No	No	No	Yes	Yes	No	Yes		
			No	No	No	No	Yes	Yes	No	Yes		
			No	No	No	No	Yes	Yes	No	Yes		
			No	No	No	No	Yes	Yes	No	Yes		
			No	No	No	No	Yes	Yes	No	Yes		
			No	No	No	No	Yes	Yes	No	Yes		
			No	Yes	Yes	Yes	Yes	Yes	Yes	Yes		
			Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
			No	No	Yes	Yes	Yes	Yes	Yes	Yes		Yes
			No	No	Yes	Yes	Yes	Yes	No	No		

Table 12
Community Outreach Summary
MIPC Chelsea Facility
920 Cherry Tree Road, Aston, PA 19014
Langan Project No. 220240201

Address	Map No.	Parcel No.	Comments	8/18/2025 Notification Letter	8/19/2025 Notification Letter	11/3/2025 Notification Letter	11/11/2025 Notification Letter	12/2/2025 Notification Letter	12/5/2025 Notification Letter
REDACTED				No	No	No	Yes	No	Yes
				No	No	No	Yes	No	Yes
				No	No	No	Yes	No	Yes
				Yes	Yes	Yes	Yes	No	Yes
				Yes	Yes	Yes	Yes	No	Yes
				Yes	Yes	Yes	Yes	No	Yes
				Yes	Yes	Yes	Yes	No	Yes
				Yes	Yes	Yes	Yes	No	Yes
				Yes	Yes	Yes	Yes	No	Yes
				Yes	Yes	Yes	Yes	No	Yes

Table 12
Community Outreach Summary
MIPC Chelsea Facility
920 Cherry Tree Road, Aston, PA 19014
Langan Project No. 220240201

Address	Map No.	Parcel No.	Comments	8/18/2025 Notification Letter	8/19/2025 Notification Letter	11/3/2025 Notification Letter	11/11/2025 Notification Letter	12/2/2025 Notification Letter	12/5/2025 Notification Letter
REDACTED				Yes	Yes	Yes	Yes	No	Yes
				Yes	Yes	Yes	Yes	No	Yes
				Yes	Yes	Yes	Yes	No	Yes
				Yes	Yes	Yes	Yes	No	Yes
				Yes	Yes	Yes	Yes	No	Yes
				Yes	Yes	Yes	Yes	No	Yes
				Yes	Yes	Yes	Yes	No	Yes
				Yes	Yes	Yes	Yes	No	Yes
				Yes	Yes	Yes	Yes	No	Yes
				No	No	No	No	No	Yes
				No	No	No	No	No	No
				No	No	No	No	No	Yes
				No	No	No	No	No	Yes
				No	No	No	No	No	Yes
				No	No	No	No	No	Yes
					No	No	No	No	Yes
				No	No	No	No	No	Yes
				No	No	No	No	No	Yes
				No	No	No	No	No	Yes

Table 12
Community Outreach Summary
MIPC Chelsea Facility
920 Cherry Tree Road, Aston, PA 19014
Langan Project No. 220240201

Address	Map No.	Parcel No.	Comments	8/18/2025 Notification Letter	8/19/2025 Notification Letter	11/3/2025 Notification Letter	11/11/2025 Notification Letter	12/2/2025 Notification Letter	12/5/2025 Notification Letter
REDACTED				No	No	No	No	No	Yes
				No	No	No	No	No	No
				No	No	No	No	No	No
				No	No	No	No	No	No
				No	No	No	No	No	No
				No	No	No	No	No	No
				No	No	No	No	No	No
				No	No	No	No	No	No
				No	No	No	No	No	No
				No	No	No	No	No	No
				No	No	No	No	No	No
				No	No	No	No	No	No
				No	No	No	No	No	No
				No	No	No	No	No	No
				No	No	No	No	No	No
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				No	No	No	No	No	No
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				No	No	No	No	No	No
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				No	No	No	No	No	No
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				No	No	No	No	No	No
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				No	No	No	No	No	No
				No	No	No	No	No	No
				No	No	No	No	No	No
				No	No	No	No	No	No
				No	No	No	No	No	No
				No	No	No	No	No	No
				No	No	No	No	No	No
				No	No	No	No	No	No
				No	No	No	No	No	No
				No	No	No	No	No	No

Table 12
Community Outreach Summary
MIPC Chelsea Facility
920 Cherry Tree Road, Aston, PA 19014
Langan Project No. 220240201

Address	Map No.	Parcel No.	Comments	8/18/2025 Notification Letter	8/19/2025 Notification Letter	11/3/2025 Notification Letter	11/11/2025 Notification Letter	12/2/2025 Notification Letter	12/5/2025 Notification Letter
REDACTED				No	No	No	No	No	No
				No	No	No	No	No	No
				No	No	No	No	No	No
				No	No	No	No	No	No
				No	No	No	No	No	No
				No	No	No	No	No	No
				No	No	No	No	No	No
				No	No	No	No	No	No
				No	No	No	No	No	No

Table 12
Community Outreach Summary
MIPC Chelsea Facility
920 Cherry Tree Road, Aston, PA 19014
Langan Project No. 220240201

Address	Map No.	Parcel No.	12/10/2025 Potable Water Questionnaire	12/26 2025 Bottled Water Service Offer Letter	12/30/2025 Bottled Water Service Offer Letter	12/31/2025 Community Update Letter	01/02/2026 Potable Water Questionnaire / Community Update Letter (Certified Mail)	1/20/2026 Request to Sample Well Letter (Hand Delivery)	1/22/2026 Public Meeting Flyer (Hand Delivery)	1/22/2026 Public Meeting Flyer (Mail)	2/20/2026 Community Project Work Letter (Mail)	3/10/2026 Fact Sheet #3 Letter (Mail)	3/10/2026 Sound Barrier Letter (Mail)	5/11/2026 Fact Sheet #4 and Cover Letter (Mail)	Bottled Water Provided	Contacted the Hotline/ Email
REDACTED			Yes	No	No	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes		
			Yes	No	No	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes		Yes
			Yes	No	No	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes		Yes
			Yes	No	No	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes		
			Yes	Yes	No	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes		
			Yes	Yes	No	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
			Yes	Yes	No	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
			Yes	No	No	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes		Yes
			Yes	No	No	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes		Yes
			Yes	Yes	No	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Table 12
Community Outreach Summary
MIPC Chelsea Facility
920 Cherry Tree Road, Aston, PA 19014
Langan Project No. 220240201

Address	Map No.	Parcel No.	12/10/2025 Potable Water Questionnaire	12/26 2025 Bottled Water Service Offer Letter	12/30/2025 Bottled Water Service Offer Letter	12/31/2025 Community Update Letter	01/02/2026 Potable Water Questionnaire / Community Update Letter (Certified Mail)	1/20/2026 Request to Sample Well Letter (Hand Delivery)	1/22/2026 Public Meeting Flyer (Hand Delivery)	1/22/2026 Public Meeting Flyer (Mail)	2/20/2026 Community Project Work Letter (Mail)	3/10/2026 Fact Sheet #3 Letter (Mail)	3/10/2026 Sound Barrier Letter (Mail)	5/11/2026 Fact Sheet #4 and Cover Letter (Mail)	Bottled Water Provided	Contacted the Hotline/ Email
REDACTED			Yes	Yes	No	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
			Yes	Yes	No	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
			Yes	Yes	No	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
			Yes	Yes	No	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
			Yes		No	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes		
			Yes	No	No	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes		
			Yes	No	No	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes		
			Yes	No	No	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes		
			Yes	No	No	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes		Yes
			No	No	No	Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes		
			Yes	Yes	No	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	No	Yes
			Yes	No	No	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes		
			Yes	No	No	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes		
			Yes	No	No	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes		
			Yes	No	No	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes		
			Yes	No	No	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes		
			Yes	No	No	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes		Yes

Table 12
Community Outreach Summary
MIPC Chelsea Facility
920 Cherry Tree Road, Aston, PA 19014
Langan Project No. 220240201

Address	Map No.	Parcel No.	12/10/2025 Potable Water Questionnaire	12/26 2025 Bottled Water Service Offer Letter	12/30/2025 Bottled Water Service Offer Letter	12/31/2025 Community Update Letter	01/02/2026 Potable Water Questionnaire / Community Update Letter (Certified Mail)	1/20/2026 Request to Sample Well Letter (Hand Delivery)	1/22/2026 Public Meeting Flyer (Hand Delivery)	1/22/2026 Public Meeting Flyer (Mail)	2/20/2026 Community Project Work Letter (Mail)	3/10/2026 Fact Sheet #3 Letter (Mail)	3/10/2026 Sound Barrier Letter (Mail)	5/11/2026 Fact Sheet #4 and Cover Letter (Mail)	Bottled Water Provided	Contacted the Hotline/ Email
REDACTED			Yes	No	No	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes		
			No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
			No	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
			No	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
			No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes		Yes
			No	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes		Yes
			No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes		Yes
			No	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes		
			No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes		
			No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes		
			No	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
			No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes		
			No	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes		Yes
			No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes		
			No	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes		
			No	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes		Yes
			No	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
			No	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
			No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes		
			No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes		
			No	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes		Yes
			No	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
			No	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes		
			No	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes		
			No	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes		

Table 12
Community Outreach Summary
MIPC Chelsea Facility
920 Cherry Tree Road, Aston, PA 19014
Langan Project No. 220240201

Address	Map No.	Parcel No.	12/10/2025 Potable Water Questionnaire	12/26 2025 Bottled Water Service Offer Letter	12/30/2025 Bottled Water Service Offer Letter	12/31/2025 Community Update Letter	01/02/2026 Potable Water Questionnaire / Community Update Letter (Certified Mail)	1/20/2026 Request to Sample Well Letter (Hand Delivery)	1/22/2026 Public Meeting Flyer (Hand Delivery)	1/22/2026 Public Meeting Flyer (Mail)	2/20/2026 Community Project Work Letter (Mail)	3/10/2026 Fact Sheet #3 Letter (Mail)	3/10/2026 Sound Barrier Letter (Mail)	5/11/2026 Fact Sheet #4 and Cover Letter (Mail)	Bottled Water Provided	Contacted the Hotline/ Email
REDACTED			No	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes		
			No	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
			No	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes		
			No	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes		
			No	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes		
			No	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes		
			No	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes		
			No	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes		
			No	No	Yes	Yes	No	No			Yes	Yes	No	Yes		

Table 12
Community Outreach Summary
MIPC Chelsea Facility
920 Cherry Tree Road, Aston, PA 19014
Langan Project No. 220240201

Address	Map No.	Parcel No.	Comments	8/18/2025 Notification Letter	8/19/2025 Notification Letter	11/3/2025 Notification Letter	11/11/2025 Notification Letter	12/2/2025 Notification Letter	12/5/2025 Notification Letter	12/10/2025 Potable Water Questionnaire	12/26 2025 Bottled Water Service Offer Letter	12/30/2025 Bottled Water Service Offer Letter	12/31/2025 Community Update Letter (Hand Delivery)	01/02/2026 Potable Water Questionnaire / Community Update Letter (Certified Mail)
				No	No	No	No	No	No	No	No	Yes	Yes	Yes
				No	No	No	No	No	No	No	No	Yes	Yes	Yes
				No	No	No	No	No	No	No	No	Yes	Yes	Yes
				No	No	No	No	No	No	No	No	Yes	Yes	Yes
			REDACTED	No	No	No	No	No	No	No	No	Yes	Yes	Yes
				No	No	No	No	No	No	No	No	Yes	Yes	Yes
				No	No	No	No	No	No	No	No	Yes	Yes	Yes
				No	No	No	No	No	No	No	No	Yes	Yes	Yes
				No	No	No	No	No	No	No	No	Yes	Yes	Yes
				No	No	No	No	No	No	No	No	Yes	Yes	Yes
				No	No	No	No	No	No	No	No	Yes	Yes	Yes
				No	No	No	No	No	No	No	No	Yes	Yes	Yes
				No	No	No	No	No	No	No	No	Yes	Yes	Yes
				No	No	No	No	No	No	No	No	Yes	Yes	Yes
				No	No	No	No	No	No	No	No	Yes	Yes	Yes
				No	No	No	No	No	No	No	No	Yes	Yes	Yes
				No	No	No	No	No	No	No	No	Yes	Yes	Yes
				No	No	No	No	No	No	No	No	Yes	Yes	Yes
				No	No	No	No	No	No	No	No	Yes	Yes	Yes
				No	No	No	No	No	No	No	No	Yes	Yes	Yes
				No	No	No	No	No	No	No	No	Yes	Yes	Yes
				No	No	No	No	No	No	No	No	Yes	Yes	Yes
				No	No	No	No	No	No	No	No	No	Yes	No

Table 12
Community Outreach Summary
MIPC Chelsea Facility
920 Cherry Tree Road, Aston, PA 19014
Langan Project No. 220240201

Address	Map No.	Parcel No.	1/20/2026 Request to Sample Well Letter (Hand Delivery)	1/22/2026 Public Meeting Flyer (Hand Delivery)	1/22/2026 Public Meeting Flyer (Mail)	2/20/2026 Community Project Work Letter (Mail)	3/10/2026 Fact Sheet #3 Letter (Mail)	3/10/2026 Sound Barrier Letter (Mail)	5/11/2026 Fact Sheet #4 and Cover Letter (Mail)	Bottled Water Provided	Contacted the Hotline/ Email
REDACTED			No	Yes	Yes	Yes	Yes	No	Yes		
			Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
			No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
			No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
			No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
			No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
			No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
			No	Yes	Yes	Yes	Yes	No	Yes		
			No	Yes	Yes	Yes	Yes	No	Yes		
			No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
			No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
			No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
			Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
			No	Yes	Yes	Yes	Yes	No	Yes		Yes
			No	Yes	Yes	Yes	Yes	No	Yes	No	Yes
			Yes	Yes	Yes	Yes	Yes	No	Yes		
			No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
			No	Yes	Yes	Yes	Yes	No	Yes		Yes
			No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
			No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
			No	Yes	Yes	Yes	Yes	No	Yes		Yes
			Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
			No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
			No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes

Table 12
Community Outreach Summary
MIPC Chelsea Facility
920 Cherry Tree Road, Aston, PA 19014
Langan Project No. 220240201

Address	Map No.	Parcel No.	Comments	8/18/2025 Notification Letter	8/19/2025 Notification Letter	11/3/2025 Notification Letter	11/11/2025 Notification Letter	12/2/2025 Notification Letter	12/5/25 Notification Letter	12/10/2025 Potable Water Questionnaire	12/26 2025 Bottled Water Service Offer Letter	12/30/2025 Bottled Water Service Offer Letter
				No	No	No	No	No	Yes	No	No	No
				No	No	No	No	No	Yes	No	No	No
				No	No	No	No	No	Yes	No	No	No
				No	No	No	No	No	Yes	No	No	No
			REDACTED	No	No	No	No	No	Yes	No	No	No
				No	No	No	No	No	Yes	No	No	No
				No	No	No	No	No	Yes	No	No	No
				No	No	No	No	No	Yes	No	No	No
				No	No	No	No	No	Yes	No	No	No
				No	No	No	No	No	Yes	No	No	No
				No	No	No	No	No	Yes	No	No	No
				No	No	No	No	No	Yes	No	No	No
				No	No	No	No	No	Yes	No	No	No
				No	No	No	No	No	Yes	No	No	No
				No	No	No	No	No	Yes	No	No	No
				No	No	No	No	No	Yes	No	No	No
				No	No	No	No	No	No	No	No	No

Table 12
Community Outreach Summary
MIPC Chelsea Facility
920 Cherry Tree Road, Aston, PA 19014
Langan Project No. 220240201

Address	Map No.	Parcel No.	12/31/2025 Community Update Letter (Hand Delivery)	01/02/2026 Potable Water Questionnaire / Community Update Letter (Certified Mail)	1/20/2026 Request to Sample Well Letter (Hand Delivery)	1/22/2026 Public Meeting Flyer (Hand Delivery)	1/22/2026 Public Meeting Flyer (Mail)	2/20/2026 Community Project Work Letter (Mail)	3/10/2026 Fact Sheet #3 Letter (Mail)	3/10/2026 Sound Barrier Letter (Mail)	5/11/2026 Fact Sheet #4 and Cover Letter (Mail)	Bottled Water Provided	Contacted the Hotline/ Email
REDACTED			Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes		
			Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes		
			Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes		
			Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes		Yes
			Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes		
			Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes		
			Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes		
			Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes		
			Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes		
			Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes		
			Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes		Yes
			Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes		
			Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes		Yes
			Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes		
			Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes		
			Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes		
			Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes		Yes
			Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes		
			Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes		
			Yes	No	No	Yes	Yes	Yes	Yes	No	Yes		

Table 12
Community Outreach Summary
MIPC Chelsea Facility
920 Cherry Tree Road, Aston, PA 19014
Langan Project No. 220240201

Address	Map No.	Parcel No.	Comments	8/18/2025 Notification Letter	8/19/2025 Notification Letter	11/3/2025 Notification Letter	11/11/2025 Notification Letter	12/2/2025 Notification Letter	12/5/25 Notification Letter	12/10/2025 Potable Water Questionnaire	12/26 2025 Bottled Water Service Offer Letter	12/30/2025 Bottled Water Service Offer Letter	12/31/2025 Community Update Letter (Hand Delivery)	01/02/2026 Potable Water Questionnaire / Community Update Letter (Certified Mail)
REDACTED				No	No	No	No	No	Yes	No	No	No	Yes	Yes
				No	No	No	No	No	Yes	No	No	No	Yes	Yes
				No	No	No	No	No	Yes	No	No	No	Yes	Yes
				No	No	No	No	No	Yes	No	No	No	Yes	Yes
				No	No	No	No	No	Yes	No	No	No	Yes	Yes
				No	No	No	No	No	Yes	No	No	No	Yes	Yes
				No	No	No	No	No	Yes	No	No	No	Yes	Yes
				No	No	No	No	No	Yes	No	No	No	Yes	Yes
				No	No	No	No	No	Yes	No	No	No	Yes	Yes
				No	No	No	No	No	Yes	No	No	No	Yes	Yes
				No	No	No	No	No	Yes	No	No	No	Yes	Yes
				No	No	No	No	No	Yes	No	No	No	Yes	Yes
				No	No	No	No	No	Yes	No	No	No	Yes	Yes
				No	No	No	No	No	Yes	No	No	No	Yes	Yes
				No	No	No	No	No	Yes	No	No	No	Yes	Yes

Table 12
Community Outreach Summary
MIPC Chelsea Facility
920 Cherry Tree Road, Aston, PA 19014
Langan Project No. 220240201

Address	Map No.	Parcel No.	1/20/2026 Request to Sample Well Letter (Hand Delivery)	1/22/2026 Public Meeting Flyer (Hand Delivery)	1/22/2026 Public Meeting Flyer (Mail)	2/20/2026 Community Project Work Letter (Mail)	3/10/2026 Fact Sheet #3 Letter (Mail)	3/10/2026 Sound Barrier Letter (Mail)	5/11/2026 Fact Sheet #4 and Cover Letter (Mail)	Bottled Water Provided	Contacted the Hotline/ Email
			No	Yes	Yes	Yes	Yes	No	Yes		
			No	Yes	Yes	Yes	Yes	No	Yes		
			No	Yes	Yes	Yes	Yes	No	Yes		
REDACTED			No	Yes	Yes	Yes	Yes	No	Yes		Yes
			No	Yes	Yes	Yes	Yes	No	Yes		
			No	Yes	Yes	Yes	Yes	No	Yes		
			No	Yes	Yes	Yes	Yes	No	Yes		
			No	Yes	Yes	Yes	Yes	No	Yes		
			No	Yes	Yes	Yes	Yes	No	Yes		
			No	Yes	Yes	Yes	Yes	No	Yes		
			No	Yes	Yes	Yes	Yes	No	Yes		
			No	Yes	Yes	Yes	Yes	No	Yes		Yes
			No	Yes	Yes	Yes	Yes	No	Yes		
			No	Yes	Yes	Yes	Yes	No	Yes		

Table 12
Community Outreach Summary
MIPC Chelsea Facility
920 Cherry Tree Road, Aston, PA 19014
Langan Project No. 220240201

Address	Map No.	Parcel No.	Comments	8/18/2025 Notification Letter	8/19/2025 Notification Letter	11/3/2025 Notification Letter	11/11/2025 Notification Letter
			REDACTED				

Table 12
Community Outreach Summary
MIPC Chelsea Facility
920 Cherry Tree Road, Aston, PA 19014
Langan Project No. 220240201

Address	Map No.	Parcel No.	Comments	8/18/2025 Notification Letter	8/19/2025 Notification Letter	11/3/2025 Notification Letter	11/11/2025 Notification Letter
REDACTED							

Table 12
Community Outreach Summary
MIPC Chelsea Facility
920 Cherry Tree Road, Aston, PA 19014
Langan Project No. 220240201

Address	Map No.	Parcel No.	12/2/2025 Notification Letter	12/5/25 Notification Letter	12/10/2025 Potable Water Questionnaire	12/26 2025 Bottled Water Service Offer Letter	12/30/2025 Bottled Water Service Offer Letter	12/31/2025 Community Update Letter (Hand Delivery)	01/02/2026 Potable Water Questionnaire / Community Update Letter (Certified Mail)
REDACTED									

Table 12
Community Outreach Summary
MIPC Chelsea Facility
920 Cherry Tree Road, Aston, PA 19014
Langan Project No. 220240201

Address	Map No.	Parcel No.	12/2/2025 Notification Letter	12/5/25 Notification Letter	12/10/2025 Potable Water Questionnaire	12/26 2025 Bottled Water Service Offer Letter	12/30/2025 Bottled Water Service Offer Letter	12/31/2025 Community Update Letter (Hand Delivery)	01/02/2026 Potable Water Questionnaire / Community Update Letter (Certified Mail)
REDACTED									

Table 12
Community Outreach Summary
MIPC Chelsea Facility
920 Cherry Tree Road, Aston, PA 19014
Langan Project No. 220240201

Address	Map No.	Parcel No.	Contacted the Hotline/ Email
REDACTED			Yes
			Yes
			Yes
			Yes
			Yes
			Yes
			Yes
			Yes
			Yes
			Yes
			Yes
			Yes
			Yes
			Yes
			Yes
			Yes
			Yes
			Yes
			Yes
			Yes
			Yes
			Yes
			Yes
			Yes
			Yes
			Yes
			Yes
			Yes
			Yes
			Yes
			Yes
			Yes
			Yes
			Yes
			Yes
			Yes
			Yes
			Yes
			Yes
			Yes
			Yes
			Yes
			Yes
			Yes
			Yes
			Yes

Table 12
Community Outreach Summary
MIPC Chelsea Facility
920 Cherry Tree Road, Aston, PA 19014
Langan Project No. 220240201

Address	Map No.	Parcel No.	Contacted the Hotline/ Email
REDACTED			Yes
			Yes
			Yes
			Yes
			Yes
			Yes
			Yes
			Yes

APPENDICES

Appendix A
Monitoring Well Boring and Construction Logs: June to September 2026

LANGAN

Log of Boring MW-C4 Project No 220240201

Project: MIPC Chelsea Facility		Date Started: 7/30/2026	Date Finished: 7/31/2026
Location: Off-site property to the west of site		Coordinates: **REDACTED**	
Drilling Contractor: AWT		Elevation and Datum: **REDACTED**	
Drilling Method: Sonic Drilling		Completion Depth: 30.0 ft	Rock Depth: N/A
Drilling Equipment: TerraSonic 150cc Track-Mounted Rig	Water Depth (ft.)	First ▽ 19.0	Completion ▼ N/A / 24 Hour ▼ N/A
Borehole Size (in): 8.00	No. of Runs	7	No. of Lab Samples: 2
Sampler: Sonic	Drilling Foreman	Geovany Ramos	Field Engineer: Jensen Te

Material Symbol	Sample Description	Depth Scale (ft)	Sample Data: Number	Type	Recov. (in)	PID (ppm)	Remarks	Well Diagram
	SILT WITH SAND (ML) brown, dry, little fine sand, roots	0				0.0	Start Drilling: 0 ft, 9:00 AM. Precleared to 5ft depth by hand auger & post hole digger.	
		1				4.5		
	SILT (ML) light brown, dry, low plasticity silt	2				19.8	Collected soil sample SB-MW-C4_2.	
		3				4.3		Grout
		4				2.0		
	SILT (ML) light brown, dry, roots	5				0.7		PVC Riser
		6	M-1A	Sonic	60/60	3.0		
		7				9.8		Top of sand (El. 284.45)
	SILT (ML) orangish brown, dry	8				23.0		
		9	M-1B			0.9		
	SANDY LEAN CLAY (CL) [SAPROLITE] brownish orange, moist, some fine sand, saprolitic texture	10				1.4		
		11				0.7		
		12	M-2	Sonic	60/60	0.8		
		13				1.0		
		14				1.0		
		15				1.0		
		16				1.0		
		17	M-3A	Sonic	60/60	1.0		
		18				1.1		#1 FilPro Filtration Sand
	▽	19				1.1	Collected soil sample SB-MW-C4_18.5.	
	SANDY LEAN CLAY (CL) [SAPROLITE] brownish orange, wet, some fine sand, saprolitic texture	20	M-3B			1.1		
		21				1.5		

LANGAN

Log of Boring MW-C4 Project No 220240201

Project: MIPC Chelsea Facility	Coordinates: REDACTED
Location: Off-site property to the west of site	Elevation and Datum: REDACTED

Material Symbol	Sample Description	Depth Scale (ft)	Sample Data: Number	Sample Data: Type	Sample Data: Recov. (in)	PID (ppm)	Remarks	Well Diagram
		21.3						
		22	M-4	Sonic	60/60	1.2		0.01" Slotted PVC Screen
		23				1.0		
		24				1.1		
		25				1.0		
	CLAYEY SAND (SC) [SAPROLITE] brown, wet, fine to medium sand, saprolitic texture	26				0.8		
		27	M-5	Sonic	60/60	0.9		
		28				0.9		
		29				0.8		Bottom of well (El. 262.46)
		30				0.8	Stop Drilling: 30 ft, 4:00 PM.	Borehole collapse
	End of Boring at 30.0 ft.	31						
		32						
		33						
		34						
		35						
		36						
		37						
		38						
		39						
		40						
		41						
		42						
		43						
		44						
		45						
		46						

LANGAN

Log of Boring MW-C5 Project No 220240201

Project: MIPC Chelsea Facility		Date Started: 8/4/2026	Date Finished: 8/4/2026
Location: Off-site property to the west of site		Coordinates: **REDACTED**	
Drilling Contractor: AWT		Elevation and Datum: **REDACTED**	
Drilling Method: Sonic Drilling		Completion Depth: 30.0 ft	Rock Depth: N/A
Drilling Equipment: TerraSonic 150cc Track-Mounted Rig	Water Depth (ft.)	First ▽ 16.0	Completion ▼ N/A / 24 Hour ▼ N/A
Borehole Size (in): 8.00	No. of Runs	6	No. of Lab Samples: 2
Sampler: Sonic	Drilling Foreman	Geovany Ramos	Field Engineer: Jensen Te

Material Symbol	Sample Description	Depth Scale (ft)	Sample Data: Number	Sample Data: Type	Sample Data: Recov. (in)	PID (ppm)	Remarks
	SILT WITH SAND (ML) brown, dry, little fine sand, roots	0				0.0	Start Drilling: 0 ft, 9:00 AM. Precleared to 5ft depth by hand auger & post hole digger.
		1				0.4	
	SILT WITH GRAVEL (ML) orangish brown, dry, little subrounded fine gravel	2				0.5	Collected soil sample SB-MW-C5_2.
		3				0.6	
		4				0.5	
	LEAN CLAY (CL) brown, moist, roots	5				0.4	
		6	M-1A	Sonic	60/60	1.5	
		7				2.4	
	SILT (ML) [SAPROLITE] brown, moist, saprolitic texture	8				3.1	
		9	M-1B			2.8	
	No Recovery	10					
		11					
		12	M-2	Sonic	0/60		
		13					
		14					
	SANDY LEAN CLAY (CL) [SAPROLITE] reddish brown, moist to wet, some fine sand, saprolitic texture ▽	15				3.0	Collected soil sample SB-MW-C5_15.5.
		16				3.0	
		17	M-3	Sonic	60/60	3.0	
		18				3.2	
		19				3.6	
	SANDY LEAN CLAY (CL) [SAPROLITE] reddish brown, wet, some fine sand, saprolitic texture	20				2.1	
		21				2.1	

Well Diagram: Grout; PVC Riser; Top of sand (El. 276.85); #1 FilPro Filtration Sand

LANGAN

Log of Boring MW-C5 Project No 220240201

Project: MIPC Chelsea Facility	Coordinates: REDACTED
Location: Off-site property to the west of site	Elevation and Datum: REDACTED

Material Symbol	Sample Description	Depth Scale (ft)	Sample Data: Number	Sample Data: Type	Sample Data: Recov. (in)	PID (ppm)	Remarks	Well Diagram
		21.3	M-4A					
	SANDY LEAN CLAY (CL) [SAPROLITE] light brown, wet, some fine sand, saprolitic texture	22				2.5		0.01" Slotted PVC Screen
		23				2.1		
		24				2.1		
		25		Sonic	120/120	1.8		
		26				2.3		
			M-4B					
		27				2.1		
		28				2.3		
		29				2.6		
						2.2		
	End of Boring at 30.0 ft.	30					Stop Drilling: 30 ft, 4:00 PM.	Bottom of well (El. 254.86)
		31						
		32						
		33						
		34						
		35						
		36						
		37						
		38						
		39						
		40						
		41						
		42						
		43						
		44						
		45						
		46						

LANGAN

Log of Boring MW-F1 Project No 220240201

Project: MIPC Chelsea Facility		Date Started: 7/13/2026	Date Finished: 7/15/2026
Location: Off-site property to the west of site		Coordinates: **REDACTED**	
Drilling Contractor: AWT		Elevation and Datum: **REDACTED**	
Drilling Method: Sonic Drilling		Completion Depth: 44.0 ft	Rock Depth: N/A
Drilling Equipment: TerraSonic 150cc Track-Mounted Rig	Water Depth (ft.)	First ▽ 13.0	Completion ▼ N/A / 24 Hour ▼ N/A
Borehole Size (in): 8.00	No. of Runs: 5		No. of Lab Samples: 2
Sampler: Sonic	Drilling Foreman: Geovany Ramos		Field Engineer: Jensen Te

Material Symbol	Sample Description	Depth Scale (ft)	Sample Data: Number	Type	Recov. (in)	PID (ppm)	Remarks	Well Diagram
	SILT (ML) brown, dry, fibrous vegetation fragments	0				0.0	Start Drilling: 0 ft, 8:00 AM. Precleared to 5ft depth by hand auger & post hole digger.	
	SILT (ML) orangish brown, dry, fibrous vegetation fragments	1				7.1		
		2				0.4	Collected soil sample SB-F1_1.5.	
		3				0.2		Grout
	LEAN CLAY (CL) orangish brown, dry	4				0.3		PVC Riser
	SILT (ML) brown, dry	5				0.4		
		6	M-1A			1.2		Top of sand (El. 288.52)
	LEAN CLAY with SAND (CL) [SAPROLITE] orangish tan, dry to moist, little coarse sand, saprolitic texture	7				0.9		
		8	M-1B	Sonic	60/60	0.4		
		9				0.6		
	LEAN CLAY with SAND (CL) [SAPROLITE] orange, moist, little coarse sand, saprolitic texture	10	M-1C			0.9	Collected soil sample SB-F1_10.	
	No recovery	11	M-2A					
		12						
		13				7.1		
	POORLY GRADED SAND (SP) [SAPROLITE] light tan, wet, fine to coarse sand, trace angular fine gravel, saprolitic texture	14				0.9		
		15	M-2B	Sonic	84/120	0.5		
		16				0.6		
		17				0.5		
	SANDY LEAN CLAY (CL) tan, wet, fine sand, trace angular fine gravel	18	M-2C			0.5		
	LEAN CLAY (CL) orangish tan, wet, low plasticity lean clay	19	M-2D			0.4		#1 FilPro FIltration Sand
	No recovery	20				0.7		
		21	M-3A					

LANGAN

Log of Boring MW-F1 Project No 220240201

Project: MIPC Chelsea Facility	Coordinates: REDACTED
Location: Off-site property to the west of site	Elevation and Datum: REDACTED

Material Symbol	Sample Description	Depth Scale (ft)	Sample Data: Number	Sample Data: Type	Sample Data: Recov. (in)	PID (ppm)	Remarks	Well Diagram
		21.3						
	SANDY LEAN CLAY with GRAVEL (CL) tan, wet, little fine sand, little angular fine gravel	22				0.2		0.01" Slotted PVC Screen
		23	M-3B			0.3		
	CLAYEY SAND (SC) [SAPROLITE] tan, wet, coarse sand, saprolitic texture	24		Sonic	96/120	0.3		
		25				0.4		
		26				0.3		
		27	M-3C			0.4		
		28				0.4		
		29				0.4		
		30				0.4		
		31	M-4A			0.4		
	POORLY GRADED SAND (SP) light tan, wet, coarse sand	32				0.3		Bottom of well (El. 262.03)
			M-4B					
	CLAYEY SAND (SC) [SAPROLITE] tan, wet, coarse sand, saprolitic texture	33				0.2		Borehole collapse
		34				0.2		
		35		Sonic	120/120	0.3		Grout backfill (El. 259.52)
		36				0.3		
			M-4C					
		37				0.3		
		38				0.3		
		39				0.7		
		40				0.2		Grout
	CLAYEY SAND (SC) [SAPROLITE] tan, wet, coarse poorly graded sand, saprolitic texture					0.2		
		41				0.5		
		42	M-5	Sonic	48/48	0.5		
		43				0.7		
						0.7		
	End of Boring at 44.0 ft.	44					Stop Drilling: 44 ft, 4:00 PM.	
		45						
		46						

LANGAN

Log of Boring MW-F2 Project No 220240201

Project: MIPC Chelsea Facility		Date Started: 6/29/2026	Date Finished: 7/7/2026
Location: Off-site property to the west of site		Coordinates: **REDACTED**	
Drilling Contractor: AWT		Elevation and Datum: **REDACTED**	
Drilling Method: Sonic Drilling		Completion Depth: 20.0 ft	Rock Depth: 17.0 ft
Drilling Equipment: TerraSonic 150cc Track-Mounted Rig		Water Depth (ft.) First: 13.0	Completion: N/A / 24 Hour: N/A
Borehole Size (in): 8.00		No. of Runs: 3	No. of Lab Samples: 2
Sampler: Sonic		Drilling Foreman: Geovany Ramos	Field Engineer: Jensen Te

Material Symbol	Sample Description	Depth Scale (ft)	Sample Data: Number	Type	Recov. (in)	PID (ppm)	Remarks
	SILT (ML) dark brown, dry	0				0.0	Start Drilling: 0 ft, 9:00 AM. Precleared to 5ft depth by hand auger.
	LEAN CLAY (CL) brown, dry	1				0.3	Collected soil sample SB-MW-F2_1.
	LEAN CLAY with SAND (CL) brown, moist, little fine sand	2				0.2	
	LEAN CLAY with SAND (CL) reddish brown, moist, little fine to medium sand	3				0.2	
		4				0.2	Collected soil sample SB-MW-F2_4.
	No recovery	5				0.3	
		6	M-1A				
	POORLY GRADED GRAVEL with SAND (GP) gray, dry, coarse gravel, little fine to medium sand, cored rock	7		Sonic	36/60		
		8	M-1B			0.0	
	POORLY GRADED SAND with CLAY (SP-SC) brown, wet, medium sand	9	M-1C			1.9	Potentially perched water 9-10 ft.
	CLAYEY SAND (SC) [SAPROLITE] brown, wet, fine sand, saprolitic texture	10	M-2A			7.4	Fractures with soil from 10-11.5 ft.
	POORLY GRADED GRAVEL (GP) [WEATHERED ROCK] gray, dry, coarse gravel, pulverized rock	11					
		12				7.4	
		13 ▽		Sonic	84/84	12.7	
		14	M-2B			1.3	
		15				1.0	
		16				98.7	
	BEDROCK (BEDROCK) gray, cored rock	17				164.3	
		18	M-3	Sonic	24/36	0.3	
		19					
	End of Boring at 20.0 ft.	20					Stop Drilling: 20 ft, 4:00 PM.
		21					

Well Diagram: Grout; Top of sand (El. 293.38); PVC Riser; #1 FilPro Filtration Sand; 0.01" Slotted PVC Screen; Bottom of well (El. 279.39); Borehole collapse

LANGAN

Log of Boring MW-F3 Project No 220240201

Project: MIPC Chelsea Facility	Date Started: REDACTED	Date Finished:	
Location: Off-site property to the west of site	Coordinates: REDACTED		
Drilling Contractor: AWT	Elevation and Datum: Approx. el. 294.6 (NAVD 88)		
Drilling Method: Sonic Drilling	Completion Depth: 25.0 ft	Rock Depth: N/A	
Drilling Equipment: TerraSonic 150cc Track-Mounted Rig	Water Depth (ft.) First: ▽ 13.0	Completion: ▼ N/A	24 Hour: ▼ N/A
Borehole Size (in): 8.00	No. of Runs: 3	No. of Lab Samples: 1	
Sampler: Sonic	Drilling Foreman: Geovany Ramos	Field Engineer: Jensen Te	

Material Symbol	Sample Description	Depth Scale (ft)	Sample Data: Number	Sample Data: Type	Sample Data: Recov. (in)	PID (ppm)	Remarks	Well Diagram
	SILT (ML) brown, moist, trace coarse sand, root fragments	0				0.0	Start Drilling: 0 ft, 9:00 AM. Precleared to 5ft depth by hand auger.	Grout
	SILT (ML) brown, dry to moist, trace fine sand	1				0.0		
	LEAN CLAY with SAND (CL) reddish brown, moist, little coarse sand, trace subangular gravel	2				0.1		Top of sand (El. 293.13)
		3				0.1		PVC Riser
		4				0.1		
	LEAN CLAY with SAND (CL) reddish brown, wet, little coarse sand, trace subangular gravel	5	M-1A			0.1		
	POORLY GRADED GRAVEL with SILT (GP) dark gray, wet, coarse gravel	6				11.2		
		7	M-1B	Sonic	60/60	14.9		
	POORLY GRADED GRAVEL with SILT (GP) dark gray, moist, coarse gravel	8				13.2		
		9	M-1C			31.1		
	GRAVELLY SILT (ML) brown, moist, coarse gravel, trace clay	10				27.4		
		11				168.6		
		12	M-2A			493.6	Collected soil sample SB-MW-F3_12.5.	#1 FilPro Filtration Sand
		13 ▽				365.1		
	GRAVELLY SILT (ML) [SAPROLITE] brown, wet, some coarse gravel, trace clay, saprolitic texture	14				298.0		
		15		Sonic	120/120	196.3		0.01" Slotted PVC Screen
		16				500.0		
		17	M-2B			148.4		
		18				192.8		
		19				192.7		
	CLAYEY SAND (SC) [SAPROLITE] tan, wet, saprolitic texture	20						
		21	M-3A			141.8		

LANGAN

Log of Boring MW-F3 Project No 220240201

Project: MIPC Chelsea Facility	Coordinates: REDACTED
Location: Off-site property to the west of site	Elevation and Datum: REDACTED

Material Symbol	Sample Description	Depth Scale (ft)	Sample Data: Number	Sample Data: Type	Sample Data: Recov. (in)	PID (ppm)	Remarks	Well Diagram
		21.3						
	CLAYEY SAND (SC) tan, wet, trace fine to coarse gravel	22	M-3B	Sonic	60/60	72.7		
		23				67.5		
		24				45.5		Bottom of well (El. 271.14) Borehole collapse
	End of Boring at 25.0 ft.	25					Stop Drilling: 25 ft, 4:00 PM.	
		26						
		27						
		28						
		29						
		30						
		31						
		32						
		33						
		34						
		35						
		36						
		37						
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		39						
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		43						
		44						
		45						
		46						

LANGAN

Log of Boring MW-J1 Project No 220240201

Project: MIPC Chelsea Facility		Date Started: 7/23/2026	Date Finished: 7/23/2026
Location: Off-site property to the west of site		Coordinates: **REDACTED**	
Drilling Contractor: AWT		Elevation and Datum: **REDACTED**	
Drilling Method: Sonic Drilling		Completion Depth: 19.0 ft	Rock Depth: N/A
Drilling Equipment: TerraSonic 150cc Track-Mounted Rig	Water Depth (ft.)	First ▽ 13.5	Completion ▼ N/A / 24 Hour ▼ N/A
Borehole Size (in): 8.00	No. of Runs: 7		No. of Lab Samples: 2
Sampler: Sonic	Drilling Foreman: Geovany Ramos		Field Engineer: Jensen Te

Material Symbol	Sample Description	Depth Scale (ft)	Sample Data: Number	Type	Recov. (in)	PID (ppm)	Remarks	Well Diagram
	SILT (ML) brown, roots	0				0.0	Start Drilling: 0 ft, 9:20 AM. Precleared to 5ft depth by hand auger & post hole digger.	Grout
	SILT (ML) orangish brown, dry	1				0.0	Collected soil sample SB-MW-J1_1.	
		2				0.0		Top of sand (El. 297.63)
		3				0.0		PVC Riser
	LEAN CLAY WITH GRAVEL (CL) dark red, dry, little subangular fine gravel	4				0.0		
		5				0.0		
		6				1.7		
		7	M-1A	Sonic	60/60	0.7		
		8				0.5		
	LEAN CLAY (CL) dark red, medium plasticity clay	9	M-1B			0.4		
	No recovery	10	M-2A			0.4		#1 FilPro Filtration Sand
	LEAN CLAY WITH SAND (CL) [SAPROLITE] orangish tan, moist, saprolitic texture	11						
		12	M-2B			105.0		
	POORLY GRADED SAND WITH CLAY (SP-SC) [SAPROLITE] ▽ brown, medium to coarse sand, saprolitic texture	13	M-2C	Sonic	60/72	2434.0	Collected soil sample SB_MW-J1_13.	
		14				324.3		0.01" Slotted PVC Screen
	POORLY GRADED GRAVEL WITH CLAY AND SAND (GP-GC) gray, coarse subrounded gravel	15	M-2D			494.2		
	(BOULDERS) gray rock	16				522.1		
		17	M-3	Sonic	36/36			
		18						
	End of Boring at 19.0 ft.	19					Stop Drilling: 19 ft, 4:00 PM.	Bottom of well (El. 280.64)
		20						

LANGAN

Log of Boring MW-J2 Project No 220240201

Project: MIPC Chelsea Facility		Date Started: 7/22/2026	Date Finished: 7/22/2026
Location: Off-site property to the west of site		Coordinates: **REDACTED**	
Drilling Contractor: AWT		Elevation and Datum: **REDACTED**	
Drilling Method: Sonic Drilling		Completion Depth: 30.0 ft	Rock Depth: N/A
Drilling Equipment: TerraSonic 150cc Track-Mounted Rig	Water Depth (ft.)	First ▽ 18.0	Completion ▼ N/A / 24 Hour ▼ N/A
Borehole Size (in): 8.00	No. of Runs	7	No. of Lab Samples: 2
Sampler: Sonic	Drilling Foreman	Geovany Ramos	Field Engineer: Jensen Te

Material Symbol	Sample Description	Depth Scale (ft)	Sample Data: Number	Sample Data: Type	Sample Data: Recov. (in)	PID (ppm)	Remarks
	SILT (ML) orangish brown, dry, roots	0				0.0	Start Drilling: 0 ft, 9:00 AM. Precleared to 5ft depth by hand auger & post hole digger.
	SILT (ML) brown, dry	1				0.6	Collected soil sample SB-MW-J2_1.
		2				0.5	
	SILT WITH GRAVEL (ML) brownish orange, dry, little subangular fine gravel	3				0.6	
		4				0.6	
	LEAN CLAY (CL) dark red, dry, low plasticity clay	5				0.9	
		6	M-1A			0.3	
	LEAN CLAY (CL) tannish red, dry, medium plasticity clay	7	M-1B	Sonic	60/60	0.4	
		8				0.3	
	LEAN CLAY WITH SAND (CL) [SAPROLITE] orangish tan, moist, saprolitic texture	9	M-1C			0.2	
	SILT (ML) brown, moist	10				0.1	
		11	M-2A			0.0	
	LEAN CLAY WITH SAND (CL) [SAPROLITE] reddish brown, moist, saprolitic texture	12				0.1	
		13				0.0	
		14	M-2B			0.0	
		15		Sonic	120/120	0.0	
		16				0.1	
		17				0.0	
	SANDY LEAN CLAY (CL) [SAPROLITE] brown, wet, saprolitic texture	▽ 18				0.0	Collected soil sample SB_MW-J2_17.5.
		19	M-2C			0.2	
		20				0.0	
		21				0.6	

Well Diagram: Grout; PVC Riser; Top of sand (El. 289.76); #1 FilPro Filtration Sand

LANGAN

Log of Boring MW-J2 Project No 220240201

Project: MIPC Chelsea Facility	Coordinates: **REDACTED**
Location: Off-site property to the west of site	Elevation and Datum: **REDACTED**

Material Symbol	Sample Description	Depth Scale (ft)	Sample Data: Number	Sample Data: Type	Sample Data: Recov. (in)	PID (ppm)	Remarks	Well Diagram
		21.3						
	SANDY LEAN CLAY (CL) [SAPROLITE] brown, wet, saprolitic texture	22	M-3	Sonic	120/120	0.0		0.01" Slotted PVC Screen
		23				0.0		
		24				0.0		
		25				0.0		
		26				0.1		
		27				0.0		
		28				0.0		
		29				0.1		
		30				0.0	Stop Drilling: 30 ft, 4:00 PM.	Bottom of well (El. 267.77)
	End of Boring at 30.0 ft.	31						
		32						
		33						
		34						
		35						
		36						
		37						
		38						
		39						
		40						
		41						
		42						
		43						
		44						
		45						
		46						

LANGAN

Log of Boring MW-J3 Project No 220240201

Project: MIPC Chelsea Facility		Date Started: 7/20/2026	Date Finished: 7/20/2026
Location: Off-site property to the west of site		Coordinates: **REDACTED**	
Drilling Contractor: AWT		Elevation and Datum: **REDACTED**	
Drilling Method: Sonic Drilling		Completion Depth: 35.0 ft	Rock Depth: N/A
Drilling Equipment: TerraSonic 150cc Track-Mounted Rig	Water Depth (ft.)	First ▽ 18.0	Completion ▼ N/A / 24 Hour ▼ N/A
Borehole Size (in): 8.00	No. of Runs	7	No. of Lab Samples: 2
Sampler: Sonic	Drilling Foreman	Geovany Ramos	Field Engineer: Jensen Te

Material Symbol	Sample Description	Depth Scale (ft)	Sample Data: Number	Sample Data: Type	Sample Data: Recov. (in)	PID (ppm)	Remarks
	SILT (ML) brown, dry, roots	0				0.0	Start Drilling: 0 ft, 10:30 AM. Precleared to 5ft depth by hand auger & post hole digger.
	SILT (ML) brown, dry	1				1.6	Collected soil sample SB-MW-J3_1.
		2				0.0	
	LEAN CLAY (CL) orange, dry, low plasticity clay	3				0.5	
		4				0.3	
	LEAN CLAY (CL) brown, dry, low plasticity clay	5				0.3	
		6	M-1A			0.2	
		7		Sonic	60/60	0.1	
	LEAN CLAY (CL) [SAPROLITE] light brown, moist, saprolitic texture	8				0.2	
		9	M-1B			0.1	
		10	M-2A			0.2	
	LEAN CLAY (CL) [SAPROLITE] tan, moist, saprolitic texture	11				0.2	
		12				0.1	
		13				0.2	
		14	M-2B			0.4	
		15		Sonic	120/120	0.7	
		16				1.9	
		17				1.2	
		▽ 18				1.6	Collected soil sample SB-MW-J3_17.5.
	LEAN CLAY [SAPROLITE] tan, wet, saprolitic texture	19	M-2C			1.0	
		20					

Well Diagram: Grout; PVC Riser; Top of sand (El. 289.62); 0.01" Slotted PVC Screen

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Log of Boring MW-J3 Project No 220240201

Project	Coordinates
MIPC Chelsea Facility	REDACTED
Location	**Elevation and Datum**
Off-site property to the west of site	REDACTED

Material Symbol	Sample Description	Depth Scale (ft)	Sample Data: Number	Sample Data: Type	Sample Data: Recov. (in)	PID (ppm)	Remarks	Well Diagram
	CLAYEY SAND (SC) gray, wet	20				1.1		#1 FilPro Filtration Sand
		21				1.0		
		22				0.7		
		23				0.9		
		24				0.9		
		25	M-3	Sonic	120/120	0.8		
		26				0.6		
		27				1.1		
		28				0.9		
		29				0.8		
		30				1.0		
	CLAYEY SAND (SC) gray, wet	30				0.0		
		31				0.0		
		32				0.0		
		33	M-4	Sonic	60/60	0.0		
		34				0.0		Bottom of well (El. 262.63)
		35				0.0	Stop Drilling: 35 ft, 4:00 PM.	Borehole collapse
	End of Boring at 35.0 ft.	36						
		37						
		38						
		39						
		40						
		41						
		42						
		43						
		44						

LANGAN

Log of Boring MW-N1 Project No 220240201

Project: MIPC Chelsea Facility		Date Started: 8/10/2026	Date Finished: 8/13/2026
Location: Off-site property to the west of site		Coordinates: **REDACTED**	
Drilling Contractor: AWT		Elevation and Datum: **REDACTED**	
Drilling Method: Sonic Drilling		Completion Depth: 34.0 ft	Rock Depth: N/A
Drilling Equipment: TerraSonic 150cc Track-Mounted Rig	Water Depth (ft.)	First ▽ 19.0	Completion ▼ N/A / 24 Hour ▼ N/A
Borehole Size (in): 8.00	No. of Runs: 6		No. of Lab Samples: 1
Sampler: Sonic; DIST	Drilling Foreman: Geovany Ramos		Field Engineer: Jensen Te

Material Symbol	Sample Description	Depth Scale (ft)	Sample Data: Number	Type	Recov. (in)	PID (ppm)	Remarks	Well Diagram
	SILT (ML) brown, dry, roots	0				0.0	Start Drilling: 0 ft, 9:00 AM. Precleared to 5ft depth by hand auger & post hole digger.	
	SILT (ML) light brown, dry	1				0.8		
		2				1.1		
		3	PC-1	DIST		0.9	Collected soil sample SB-MW-N1_1.5.	
		4				0.8		Grout
	SILT WITH GRAVEL (ML) red, moist, little subangular fine gravel	5				1.1	Drilled with water due to boulders.	PVC Riser
	POORLY GRADED GRAVEL WITH SAND (GP) [BOULDERS] dark gray, dry, coarse subangular gravel, little medium sand, potentially till?	6				1.3		
		7	M-1	Sonic	60/60	0.9		Top of sand (El. 295.54)
		8				1.2		
		9				1.0		
	No Recovery	10						
		11						
		12						
		13	M-2	Sonic	0/72			
		14						
		15						
	POORLY GRADED GRAVEL (GP) [BOULDERS] gray, wet, coarse subangular gravel	16				0.8		
		17				0.9		0.01" Slotted PVC Screen
		18	M-3	Sonic	48/48	0.9		
	▽	19				0.8		

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Log of Boring MW-N1 Project No 220240201

Project: MIPC Chelsea Facility	Coordinates: REDACTED
Location: Off-site property to the west of site	Elevation and Datum: REDACTED

Material Symbol	Sample Description	Depth Scale (ft)	Sample Data: Number	Sample Data: Type	Sample Data: Recov. (in)	PID (ppm)	Remarks	Well Diagram
		19.2						
	POORLY GRADED GRAVEL (GP) [BOULDERS] gray, wet, coarse subangular gravel	20	M-4	Sonic	48/96	1.2		#1 FilPro Filtration Sand
		21				1.2		
		22				0.9		
		23				0.3		
		24				1.3		
		25						
		26						
		27						
	POORLY GRADED GRAVEL WITH SAND (GP) [BOULDERS] gray with grayish brown, wet, coarse subangular gravel, little medium to coarse sand	28	M-5	Sonic	36/72			
		29						
		30						
		31				1.3		
		32				1.5		
		33				3.8		
	End of Boring at 34.0 ft.	34					Stop Drilling: 34 ft, 4:00 PM.	Bottom of well (El. 268.55)
		35						
		36						
		37						
		38						
		39						
		40						
		41						
		42						

LANGAN

Log of Boring MW-N2 Project No 220240201

Project: MIPC Chelsea Facility		Date Started: 8/10/2026	Date Finished: 8/11/2026
Location: Off-site property to the west of site		Coordinates: **REDACTED**	
Drilling Contractor: AWT		Elevation and Datum: **REDACTED**	
Drilling Method: Sonic Drilling		Completion Depth: 35.0 ft	Rock Depth: N/A
Drilling Equipment: TerraSonic 150cc Track-Mounted Rig	Water Depth (ft.) First ▽ 18.0	Completion ▼ N/A	24 Hour ▼ N/A
Borehole Size (in): 8.00	No. of Runs: 9	No. of Lab Samples: 2	
Sampler: Sonic; DIST	Drilling Foreman: Geovany Ramos	Field Engineer: Jensen Te	

Material Symbol	Sample Description	Depth Scale (ft)	Sample Data: Number	Type	Recov. (in)	PID (ppm)	Remarks	Well Diagram
	SILT (ML) brown, dry, roots	0				0.0	Start Drilling: 0 ft, 9:00 AM. Precleared to 5ft depth by hand auger & post hole digger.	
	SILT (ML) brown, dry to moist	1				0.8		
		2	PC-1	DIST		1.1	Collected soil sample SB-MW-N2_2.	
		3				1.0		
	LEAN CLAY (CL) reddish brown, moist	4				1.0		Grout
	LEAN CLAY WITH SAND (CL) orangish brown, dry, little fine sand	5				1.2		
		6				0.0		PVC Riser
		7	M-1A	Sonic	60/60	0.0		
		8				0.0		Top of sand (El. 293.92)
	SANDY LEAN CLAY (CL) [SAPROLITE] light-orangish brown, moist, some fine sand, saprolitic texture	9	M-1B			0.0		
	LEAN CLAY WITH SAND (CL) brown, moist, little fine sand	10				0.0		
		11				0.3		
		12	M-2A			0.2		
		13				1.8		
		14				8.9		
	SANDY LEAN CLAY (CL) [SAPROLITE] orangish brown, moist to wet, some fine sand, saprolitic texture	15		Sonic	120/120	9.2		0.01" Slotted PVC Screen
		16	M-2B			12.7		
		17				2.5		
		18				2.4	Collected soil sample SB-MW-N2_17.5.	
	SANDY LEAN CLAY (CL) light gray, wet, some fine sand	19	M-2C			0.9		
		20				0.0		

LANGAN

Log of Boring MW-N2 Project No 220240201

Project: MIPC Chelsea Facility	Coordinates: REDACTED
Location: Off-site property to the west of site	Elevation and Datum: REDACTED

Material Symbol	Sample Description	Depth Scale (ft)	Sample Data: Number	Sample Data: Type	Sample Data: Recov. (in)	PID (ppm)	Remarks	Well Diagram
		20.8						
	SANDY LEAN CLAY (CL) light gray, wet, some fine sand	22				0.0		
		23	M-3A	Sonic	120/120	0.1		
		24				0.1		
		25				0.3		
		26				0.0		
	LEAN CLAY WITH SAND (CL) [SAPROLITE] brownish gray, wet, little fine to medium sand, saprolitic texture	27				0.0		
		28	M-3B			0.2		
		29				0.0		
		30				0.0		
		31				0.0		
		32	M-4	Sonic	60/60	0.0		
		33				0.0		
		34				0.0		
		35				0.0	Stop Drilling: 35 ft, 4:00 PM.	Bottom of well (El. 266.93)
	End of Boring at 35.0 ft.	36						
		37						
		38						
		39						
		40						
		41						
		42						
		43						
		44						
		45						

Well Diagram: #1 FilPro Filtration Sand

LANGAN

Log of Boring MW-N3 Project No 220240201

Project: MIPC Chelsea Facility		Date Started: 8/10/2026	Date Finished: 8/18/2026
Location: Off-site property to the west of site		Coordinates: **REDACTED**	
Drilling Contractor: AWT		Elevation and Datum: **REDACTED**	
Drilling Method: Sonic Drilling		Completion Depth: 30.0 ft	Rock Depth: N/A
Drilling Equipment: TerraSonic 150cc Track-Mounted Rig	Water Depth (ft.)	First ▽ 20.0	Completion ▼ N/A / 24 Hour ▼ N/A
Borehole Size (in): 8.00	No. of Runs	8	No. of Lab Samples: 1
Sampler: Sonic; DIST	Drilling Foreman	Geovany Ramos	Field Engineer: Jensen Te

Material Symbol	Sample Description	Depth Scale (ft)	Sample Data: Number	Type	Recov. (in)	PID (ppm)	Remarks
	SILT (ML) brown, dry	0				0.0	Start Drilling: 0 ft, 9:00 AM. Precleared to 5ft depth by hand auger & post hole digger.
	LEAN CLAY (CL) brown, dry	1				0.7	
		2	PC-1	DIST		0.8	Collected soil sample SB-MW-N3_2.
		3				0.7	
		4				0.7	
	LEAN CLAY (CL) brown, dry	5				1.2	
		6	M-1A			0.0	
	LEAN CLAY (CL) brownish red, dry	7		Sonic	60/60	0.0	
		8	M-1B			0.0	
		9	M-1C			0.0	
	LEAN CLAY WITH SAND (CL) [SAPROLITE] orangish brown, dry to moist, little fine sand, few subangular fine gravel, saprolitic texture	10				0.0	
		11				0.0	
		12	M-2			0.0	
		13				0.0	
		14				0.0	
	LEAN CLAY WITH SAND (CL) [SAPROLITE] grayish brown, moist, little fine sand, saprolitic texture	15				0.0	
		16				0.0	
		17	M-3			0.0	
		18				0.0	
		19				0.0	
	CLAYEY SAND (SC) [SAPROLITE] ▽ light brown, wet, fine sand, some clay, saprolitic texture	20				0.0	

Well Diagram: Grout; PVC Riser; Top of sand (El. 292.91); #1 FilPro Filtration Sand

LANGAN

Log of Boring MW-N3 Project No 220240201

Project: MIPC Chelsea Facility	Coordinates: REDACTED
Location: Off-site property to the west of site	Elevation and Datum: REDACTED

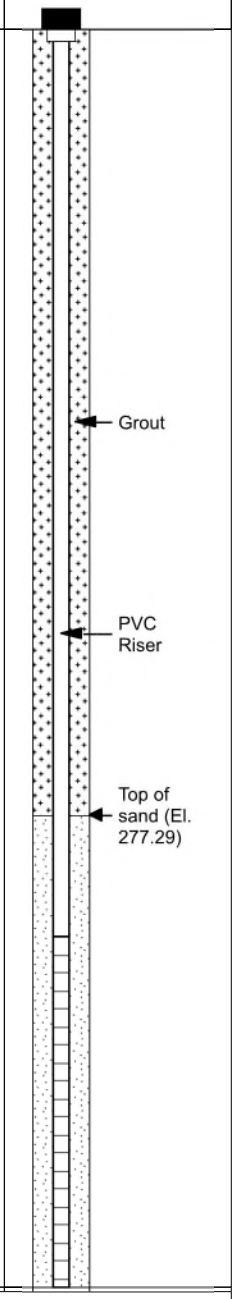
Material Symbol	Sample Description	Depth Scale (ft)	Sample Data: Number	Sample Data: Type	Sample Data: Recov. (in)	PID (ppm)	Remarks	Well Diagram
		20.8				0.0		0.01" Slotted PVC Screen
		22				0.0		
		23				0.0		
		24	M-4A	Sonic	120/120	0.0		
		25				0.0		
		26				0.0		
		27				0.0		
	POORLY GRADED GRAVEL WITH SAND (GP) [SAPROLITE] dark gray, wet, coarse subangular gravel, some medium sand, saprolitic texture	28				0.0		
		29	M-4B			0.0		
	End of Boring at 30.0 ft.	30				0.0	Stop Drilling: 30 ft, 4:00 PM.	Bottom of well (El. 270.92)
		31						
		32						
		33						
		34						
		35						
		36						
		37						
		38						
		39						
		40						
		41						
		42						
		43						
		44						
		45						

LANGAN

Log of Boring **REDACTED** Project No 220240201

Project: MIPC Chelsea Facility		Date Started: 8/24/2026	Date Finished: 8/25/2026
Location: Northbound lane of Chichester Ave		Coordinates: **REDACTED**	
Drilling Contractor: AWT		Elevation and Datum: **REDACTED**	
Drilling Method: Sonic Drilling		Completion Depth: 33.0 ft	Rock Depth: N/A
Drilling Equipment: TerraSonic 150cc Track-Mounted Rig	Water Depth (ft.) First ▽ 20.0	Completion ▼ N/A	24 Hour ▼ N/A
Borehole Size (in): 8.00	No. of Runs: 10	No. of Lab Samples: 1	
Sampler: Sonic	Drilling Foreman: Geovany Ramos	Field Engineer: Jensen Te	

Material Symbol	Sample Description	Depth Scale (ft)	Sample Data: Number	Sample Data: Type	Sample Data: Recov. (in)	PID (ppm)	Remarks	Well Diagram
	ASPHALT	0					Start Drilling: 0 ft, 9:00 AM. Made 8 inch hole through 6 inch thick apron. Precleared to 5ft depth by air knife & vacuum excavation.	
	No recovery	1						
		2						
		3						
		4						
	POORLY GRADED GRAVEL WITH SILT AND SAND (GP-GM) dark gray with brown, dry, coarse gravel, little fine sand, few silt, gravel < 5in diameter	5				0.0		
		6	M-1A			0.5		
	CLAYEY SAND WITH GRAVEL (SC) [SAPROLITE] dark brown, moist, fine sand, little clay, little coarse gravel, faint saprolitic texture	7				0.8		
		8	M-1B	Sonic	60/60	0.9		
		9				1.0		
	POORLY GRADED GRAVEL (GP) light gray, dry, coarse gravel, pulverized boulders		M-1C					
		10				1.5		
			M-2A					
	LEAN CLAY WITH SAND (CL) [SAPROLITE] tan, moist, little medium sand, saprolitic texture	11				2.2		
		12	M-2B			2.2		
	POORLY GRADED GRAVEL WITH SAND (GP) gray with tan, dry to moist, coarse gravel, little medium sand, pulverized boulders	13				2.2		
		14				2.2		
		15	M-2C	Sonic	120/120	1.2		
		16				1.4		
		17				1.0		
	SANDY LEAN CLAY (CL) [SAPROLITE] tan, moist, some fine to medium sand, saprolitic texture	18				0.8		
			M-2D					
		19				0.9	Collected soil sample **REDACTED**	
	CLAYEY SAND (SC) [SAPROLITE] ▽ tan, wet, fine to medium sand, some clay, saprolitic texture	20				0.5		



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Log of Boring **REDACTED** Project No 220240201

Project: MIPC Chelsea Facility	Coordinates: **REDACTED**
Location: Northbound lane of Chichester Ave	Elevation and Datum: **REDACTED**

Material Symbol	Sample Description	Depth Scale (ft)	Sample Data: Number	Sample Data: Type	Sample Data: Recov. (in)	PID (ppm)	Remarks	Well Diagram
		20.8				0.9		
		22				1.9		
		23				1.4		#1 FilPro Filtration Sand
		24	M-3A	Sonic	120/120	1.5		
		25				1.4		
		26				1.3		0.01" Slotted PVC Screen
		27				1.4		
	POORLY GRADED SAND (SP) [SAPROLITE] tan, coarse sand, saprolitic texture	28				1.5		
		29	M-3B			1.3		
						1.4		
	No Recovery	30						
		31	M-4	Sonic	0/36			
		32						
	End of Boring at 33.0 ft.	33					Stop Drilling: 33 ft, 4:00 PM.	Bottom of well (El. 257.30)
		34						
		35						
		36						
		37						
		38						
		39						
		40						
		41						
		42						
		43						
		44						
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LANGAN

Log of Boring **REDACTED** Project No 220240201

Project: MIPC Chelsea Facility		Date Started: 9/9/2026	Date Finished: 9/9/2026
Location: Southbound lane of Chichester Ave		Coordinates: **REDACTED**	
Drilling Contractor: AWT		Elevation and Datum: **REDACTED**	
Drilling Method: Sonic Drilling		Completion Depth: 30.0 ft	Rock Depth: N/A
Drilling Equipment: TerraSonic 150cc Track-Mounted Rig		Water Depth (ft.) First ▽ 21.0	Completion ▼ N/A / 24 Hour ▼ N/A
Borehole Size (in): 8.00		No. of Runs: 7	No. of Lab Samples: 1
Sampler: Sonic		Drilling Foreman: Geovany Ramos	Field Engineer: Jensen Te

Material Symbol	Sample Description	Depth Scale (ft)	Sample Data: Number	Type	Recov. (in)	PID (ppm)	Remarks	Well Diagram
	ASPHALT	0					Start Drilling: 0 ft, 9:00 AM. Made 8 inch hole through 6 inch thick ASPHALT. Precleared to 5ft depth by air knife & vacuum excavation. Used water to drill to 10 ft.	
	CONCRETE							
	LEAN CLAY (CL) brown, stiff, dry to moist, trace fine sand	1				2.6		
		2				2.7		
		3				2.5		
	SANDY LEAN CLAY (CL) [SAPROLITE] brown, dry to moist, some fine sand, saprolitic texture	4				3.5		Grout
		5				2.9		
		6	M-1A			2.5		PVC Riser
	No recovery	7		Sonic	24/60	2.1		
		8	M-1B					Top of sand (El. 285.69)
		9						
	SILT (ML) light brown, moist, trace medium sand	10						
		11				3.4		
		12	M-2A			4.6		
		13				1.4		
	SANDY LEAN CLAY (CL) [SAPROLITE] tan, moist, some fine sand, saprolitic texture	14				1.6		
		15		Sonic	120/120	2.2		
		16	M-2B			2.0		
		17				1.0		
		18				1.6		
	CLAYEY SAND (SC) [SAPROLITE] tan, moist, fine to medium sand, saprolitic texture	19				1.7		#1 FilPro Filtration Sand
		20	M-2C					

LANGAN

Log of Boring **REDACTED** Project No 220240201

Project: MIPC Chelsea Facility	Coordinates: **REDACTED**
Location: Southbound lane of Chichester Ave	Elevation and Datum: **REDACTED**

Material Symbol	Sample Description	Depth Scale (ft)	Sample Data: Number	Sample Data: Type	Sample Data: Recov. (in)	PID (ppm)	Remarks	Well Diagram
	CLAYEY SAND (SC) [SAPROLITE] brown, moist, fine to medium sand, saprolitic texture	20	M-3A	Sonic	120/120	1.6	Collected soil sample **REDACTED**	
	CLAYEY SAND (SC) [SAPROLITE] brown, wet, fine to medium sand, saprolitic texture	21				1.1		
		22				6.7		
		23				2.9		
		24				3.1		
		25	M-3B			3.8		0.01" Slotted PVC Screen
		26				3.4		
		27				3.8		
		28				4.2	Coarse white sand lens at 28.5 ft.	
		29				3.2		
		30				2.4	Stop Drilling: 30 ft, 2:30 PM.	Bottom of well (El. 263.70)
	End of Boring at 30.0 ft.	31						
		32						
		33						
		34						
		35						
		36						
		37						
		38						
		39						
		40						
		41						
		42						
		43						
		44						

LANGAN

Log of Boring **REDACTED** Project No 220240201

Project: MIPC Chelsea Facility		Date Started: 8/24/2026	Date Finished: 8/26/2026
Location: Northbound lane of Chichester Ave		Coordinates: **REDACTED**	
Drilling Contractor: AWT		Elevation and Datum: **REDACTED**	
Drilling Method: Sonic Drilling		Completion Depth: 32.0 ft	Rock Depth: N/A
Drilling Equipment: TerraSonic 150cc Track-Mounted Rig	Water Depth (ft.)	First ▽ 20.5	Completion ▼ N/A / 24 Hour ▼ N/A
Borehole Size (in): 8.00	No. of Runs	10	No. of Lab Samples: 1
Sampler: Sonic	Drilling Foreman	Geovany Ramos	Field Engineer: Jensen Te

Material Symbol	Sample Description	Depth Scale (ft)	Sample Data: Number	Type	Recov. (in)	PID (ppm)	Remarks	Well Diagram
	ASPHALT	0					Start Drilling: 0 ft, 9:00 AM. Made 8 inch hole through 6 inch thick apron. Precleared to 5ft depth by air knife & vacuum excavation.	
	No recovery	1						
		2						
		3						
		4						
	CLAYEY SAND WITH GRAVEL (SC) [SAPROLITE] brown, moist, medium sand, little subrounded fine gravel, some clay, faint saprolitic texture	5				0.0		Grout
		6				2.6		
		7	M-1A	Sonic	60/60	2.1		PVC Riser
		8				1.9		
		9				1.2		
	CLAYEY SAND (SC) [SAPROLITE] light brown, moist, medium sand, some clay, saprolitic texture	10	M-1B			1.1		Top of sand (El. 282.92)
	POORLY GRADED GRAVEL WITH SAND (GP) gray with brown, dry to moist, coarse subangular gravel, little fine sand	11				6.5		
		12				2.7		
		13	M-2A			1.7		
		14				2.1		
	CLAYEY SAND WITH GRAVEL (SC) [SAPROLITE] brown with gray, dry to moist, medium sand, little clay, little subrounded coarse gravel, saprolitic texture	15		Sonic	120/120	3.7		
		16	M-2B			2.1		
		17				2.0		
	POORLY GRADED SAND WITH GRAVEL (SP) [SAPROLITE] brown with gray, dry to moist, coarse sand, little subrounded coarse gravel, saprolitic texture	18				2.6		
		19	M-2C			2.4	Collected soil sample **REDACTED**	
		20						

LANGAN

Log of Boring **REDACTED** Project No 220240201

Project: MIPC Chelsea Facility	Coordinates: **REDACTED**
Location: Northbound lane of Chichester Ave	Elevation and Datum: **REDACTED**

Material Symbol	Sample Description	Depth Scale (ft)	Sample Data: Number	Sample Data: Type	Sample Data: Recov. (in)	PID (ppm)	Remarks	Well Diagram
	POORLY GRADED GRAVEL WITH CLAY AND SAND (GP-GC) gray with brown, wet, coarse gravel, little medium sand, few clay	20				1.0		
		21	M-3A			3.1		#1 FilPro Filtration Sand
		22				3.0		
	CLAYEY SAND (SC) [SAPROLITE] brown, wet, medium sand, some clay, saprolitic texture	23				3.3		
		24	M-3B	Sonic	120/120	3.1		
		25				3.3		
	POORLY GRADED GRAVEL WITH CLAY AND SAND (GP-GC) gray with brown, dry to moist, coarse subrounded gravel, little fine sand, few clay	26				4.2		
		27	M-3C			4.2		0.01" Slotted PVC Screen
		28				5.7		
	POORLY GRADED GRAVEL (GP) [SAPROLITE] gray, dry to moist, coarse gravel, saprolitic texture	29	M-3D			5.3 2.7		
	No Recovery	30						
		31	M-4	Sonic	0/24			
	End of Boring at 32.0 ft.	32					Stop Drilling: 32 ft, 4:00 PM.	Bottom of well (El. 260.93)
		33						
		34						
		35						
		36						
		37						
		38						
		39						
		40						
		41						
		42						
		43						
		44						

LANGAN

Log of Boring **REDACTED** Project No 220240201

Project: MIPC Chelsea Facility		Date Started: 9/8/2026	Date Finished: 9/8/2026
Location: Southbound lane of Chichester Ave		Coordinates: **REDACTED**	
Drilling Contractor: AWT		Elevation and Datum: **REDACTED**	
Drilling Method: Sonic Drilling		Completion Depth: 30.0 ft	Rock Depth: N/A
Drilling Equipment: TerraSonic 150cc Track-Mounted Rig	Water Depth (ft.)	First ▽ 23.0	Completion ▼ N/A / 24 Hour ▼ N/A
Borehole Size (in): 8.00	No. of Runs: 6		No. of Lab Samples: 1
Sampler: Sonic	Drilling Foreman: Geovany Ramos		Field Engineer: Jensen Te

Material Symbol	Sample Description	Depth Scale (ft)	Sample Data: Number	Sample Data: Type	Sample Data: Recov. (in)	PID (ppm)	Remarks	Well Diagram
	ASPHALT	0					Start Drilling: 0 ft, 9:00 AM. Made 8 inch hole through 6 inch thick ASPHALT. Precleared to 5.5ft depth by air knife & vacuum excavation.	
	CONCRETE							
	No recovery (rock/boulder?)	1						
		2						
		3						
	POORLY GRADED SAND WITH CLAY (SP-SC) reddish brown, dry to moist, medium sand	4				0.0	Used water to retrieve to 10 ft.	Grout
		5				0.1		
	SANDY LEAN CLAY (CL) [SAPROLITE] reddish tan, dry to moist, some fine sand, saprolitic texture	6				0.3		PVC Riser
		7				0.1		
		8	M-1	Sonic	60/54	0.5		Top of sand (El. 286.58)
		9				0.1		
	SANDY LEAN CLAY WITH GRAVEL (CL) [SAPROLITE] reddish tan, dry to moist, little fine sand, little subangular fine gravel, saprolitic texture	10				0.3		
		11	M-2A			2.7		
	SANDY LEAN CLAY (CL) [SAPROLITE] reddish tan, moist, some fine sand, saprolitic texture	12				3.0		
		13				3.3		
		14				4.5		
		15		Sonic	120/120	5.6		
		16	M-2B			12.5		
		17				8.1		
		18				3.9		
		19				0.8		#1 FilPro Filtration Sand
	SANDY LEAN CLAY (CL) [SAPROLITE] orangish brown, moist, some fine to medium sand, saprolitic texture	20				0.4		

LANGAN

Log of Boring **REDACTED** Project No 220240201

Project: MIPC Chelsea Facility	Coordinates: **REDACTED**
Location: Southbound lane of Chichester Ave	Elevation and Datum: **REDACTED**

Material Symbol	Sample Description	Depth Scale (ft)	Sample Data: Number	Sample Data: Type	Sample Data: Recov. (in)	PID (ppm)	Remarks	Well Diagram
		20.8						
		22	M-3A			2.2	Collected soil sample **REDACTED**	
	SANDY LEAN CLAY (CL) [SAPROLITE] orangish brown, wet, some fine to medium sand, saprolitic texture	23				1.8		
		24				2.2		
		25	M-3B	Sonic	108/120	2.3		0.01" Slotted PVC Screen
		26				1.2		
	POORLY GRADED SAND WITH CLAY (SP-SC) [SAPROLITE] tan, wet, medium sand, clay, saprolitic texture	27				1.7		
		28				1.7		
		29	M-3C			0.8		
		30				1.4	Stop Drilling: 30 ft, 4:00 PM.	Bottom of well (El. 264.59)
	End of Boring at 30.0 ft.	31						
		32						
		33						
		34						
		35						
		36						
		37						
		38						
		39						
		40						
		41						
		42						
		43						
		44						
		45						

LANGAN

Log of Boring **REDACTED** Project No 220240201

Project: MIPC Chelsea Facility		Date Started: 8/27/2026	Date Finished: 8/31/2026
Location: Northbound lane of Chichester Ave		Coordinates: **REDACTED**	
Drilling Contractor: AWT		Elevation and Datum: **REDACTED**	
Drilling Method: Sonic Drilling		Completion Depth: 30.0 ft	Rock Depth: N/A
Drilling Equipment: TerraSonic 150cc Track-Mounted Rig	Water Depth (ft.)	First ▽ 23.0	Completion ▼ N/A / 24 Hour ▼ N/A
Borehole Size (in): 8.00	No. of Runs: 7		No. of Lab Samples: 1
Sampler: Sonic	Drilling Foreman: Geovany Ramos		Field Engineer: Jensen Te

Material Symbol	Sample Description	Depth Scale (ft)	Sample Data: Number	Sample Data: Type	Sample Data: Recov. (in)	PID (ppm)	Remarks	Well Diagram
	ASPHALT	0					Start Drilling: 0 ft, 9:00 AM. Made 8 inch hole through 6 inch thick apron. Precleared to 5ft depth by air knife & vacuum excavation.	
	No recovery	1						
		2						
		3						
		4						Grout
	LEAN CLAY WITH SAND (CL) [SAPROLITE] brown, moist, little fine sand, faint saprolitic texture	5				0.0		
		6				1.5		PVC Riser
		7				1.5		
		8	M-1	Sonic	60/60	2.0		Top of sand (El. 286.94)
		9				2.3		
		10				1.1		
		11				3.0		
		12				3.9		
		13	M-2A			6.0		
		14				5.4		
	POORLY GRADED GRAVEL WITH CLAY AND SAND (GP-GC) [SAPROLITE] gray with brown, moist, coarse gravel, little fine sand, few clay, faint saprolitic texture	15		Sonic	120/120	7.2		
		16	M-2B			5.0		
	SANDY LEAN CLAY (CL) [SAPROLITE] grayish brown, moist to wet, some fine sand, saprolitic texture	17				10.7		
		18				67.9		
		19	M-2C			65.0		#1 FilPro Filtration Sand
	CLAYEY SAND (SC) [SAPROLITE] brown, moist to wet, fine to medium sand, some clay, saprolitic texture	20				113.2		

LANGAN

Log of Boring **REDACTED** Project No 220240201

Project: MIPC Chelsea Facility	Coordinates: **REDACTED**
Location: Northbound lane of Chichester Ave	Elevation and Datum: **REDACTED**

Material Symbol	Sample Description	Depth Scale (ft)	Sample Data: Number	Sample Data: Type	Sample Data: Recov. (in)	PID (ppm)	Remarks	Well Diagram
		20.8						
		22	M-3A			313.3	Collected soil sample **REDACTED**	
						76.7		
	SANDY LEAN CLAY (CL) [SAPROLITE] brown, wet, some fine sand, saprolitic texture	23				106.0		
		24				122.1		
		25	M-3B	Sonic	120/120	21.3		
	CLAYEY SAND (SC) [SAPROLITE] brown, wet, fine to medium sand, some clay, saprolitic texture	26				15.8		0.01" Slotted PVC Screen
		27				15.8		
		28	M-3C			6.0		
		29				4.6		
						4.3		Bottom of well (El. 264.95)
	End of Boring at 30.0 ft.	30					Stop Drilling: 30 ft, 4:00 PM.	
		31						
		32						
		33						
		34						
		35						
		36						
		37						
		38						
		39						
		40						
		41						
		42						
		43						
		44						
		45						

LANGAN

Log of Boring **REDACTED** Project No 220240201

Project: MIPC Chelsea Facility		Date Started: 8/28/2026	Date Finished: 9/1/2026
Location: Northbound lane of Chichester Ave		Coordinates: **REDACTED**	
Drilling Contractor: AWT		Elevation and Datum: **REDACTED**	
Drilling Method: Sonic Drilling		Completion Depth: 30.0 ft	Rock Depth: N/A
Drilling Equipment: TerraSonic 150cc Track-Mounted Rig	Water Depth (ft.)	First ▽ 23.0	Completion ▼ N/A / 24 Hour ▼ N/A
Borehole Size (in): 8.00	No. of Runs: 8		No. of Lab Samples: 1
Sampler: Sonic	Drilling Foreman: Geovany Ramos		Field Engineer: Jensen Te

Material Symbol	Sample Description	Depth Scale (ft)	Sample Data: Number	Sample Data: Type	Sample Data: Recov. (in)	PID (ppm)	Remarks	Well Diagram
	ASPHALT	0					Start Drilling: 0 ft, 9:00 AM. Made 8 inch hole through 6 inch thick apron. Precleared to 5ft depth by air knife & vacuum excavation.	
	No recovery	1						
		2						
		3						
		4						Grout
	LEAN CLAY (CL) brown, medium stiff, dry to moist	5				0.0		
		6	M-1A	Sonic	60/60	0.1		PVC Riser
		7				0.3		
	SANDY LEAN CLAY (CL) [SAPROLITE] brown, dry to moist, some fine sand, saprolitic texture	8				0.1		Top of sand (El. 288.84)
		9	M-1B			0.3		
	LEAN CLAY (CL) [SAPROLITE] light brown, moist, saprolitic texture	10				0.2		
		11	M-2A			0.0		
	SANDY LEAN CLAY WITH GRAVEL (CL) [SAPROLITE] brown with gray, wet, some sand, little subangular fine gravel, saprolitic texture	12				0.0		
		13	M-2B			0.5		
		14				0.7		
	SANDY LEAN CLAY (CL) [SAPROLITE] light brown, wet, some fine sand, saprolitic texture	15		Sonic	120/120	0.4		
		16				0.2		
		17	M-2C			0.4		
		18				0.4		
		19				0.5		#1 FilPro Filtration Sand
	CLAYEY SAND (SC) [SAPROLITE] tan, wet, coarse to medium sand, some clay, saprolitic texture	20				0.6		

LANGAN

Log of Boring **REDACTED** Project No 220240201

Project: MIPC Chelsea Facility	Coordinates: **REDACTED**
Location: Northbound lane of Chichester Ave	Elevation and Datum: **REDACTED**

Material Symbol	Sample Description	Depth Scale (ft)	Sample Data: Number	Sample Data: Type	Sample Data: Recov. (in)	PID (ppm)	Remarks	Well Diagram
		20.8						
		22	M-3A			0.8		
						0.9	Collected soil sample SB-MW-5921_22.	
	POORLY GRADED SAND (SP) [SAPROLITE] wet, coarse sand, saprolitic texture	23				0.7		
		24				0.8		0.01" Slotted PVC Screen
		25	M-3B	Sonic	120/120	0.9		
		26				0.9		
		27				1.1		
	CLAYEY SAND (SC) [SAPROLITE] brown and white, wet, medium sand, some clay, saprolitic texture	28				1.1		
		29	M-3C			1.1		
						0.9		
	End of Boring at 30.0 ft.	30					Stop Drilling: 30 ft, 4:00 PM.	Bottom of well (El. 266.85)
		31						
		32						
		33						
		34						
		35						
		36						
		37						
		38						
		39						
		40						
		41						
		42						
		43						
		44						
		45						

Appendix B
Vapor Monitoring Point Boring and Well Construction Logs: June to August 2026

LANGAN

Log of Boring VMP-C Project No 220240201

Project: MIPC Chelsea Facility	Date Started: 8/3/2026	Date Finished: 8/3/2026	
Location: Off-site property to the west of site	Coordinates: **REDACTED**		
Drilling Contractor: AWT	Elevation and Datum: **REDACTED**		
Drilling Method: Sonic Drilling	Completion Depth: 20.0 ft	Rock Depth: N/A	
Drilling Equipment: TerraSonic 150cc Track-Mounted Rig	Water Depth (ft.) First: ▽ 18.0	Completion: ▼ N/A	24 Hour: ▼ N/A
Borehole Size (in): 8.00	No. of Runs: 8	No. of Lab Samples: 2	
Sampler: Sonic; DIST	Drilling Foreman: Geovany Ramos	Field Engineer: Jensen Te	

Material Symbol	Sample Description	Depth Scale (ft)	Sample Data: Number	Type	Recov. (in)	PID (ppm)	Remarks	Well Diagram
	LEAN CLAY WITH SAND (CL) dark brown, dry, little fine sand	0				0.0	Start Drilling: 0 ft, 9:00 AM. Precleared to 5ft depth by hand auger & post hole digger.	
		1				0.0		
			PC-1	DIST			Collected soil sample SB-VMP-C_1.5.	
		2				0.0		
	LEAN CLAY (CL) brownish red, dry, medium plasticity clay	3				0.0		
		4				0.0		
	GRAVELLY LEAN CLAY (CL) brown, little subangular fine to coarse gravel	5				0.0		
		6	M-1A			0.1		
		7		Sonic	60/60	0.1		Grout
	SANDY SILT (ML) orangish brown, moist, some fine sand	8	M-1B			0.1		
	POORLY GRADED SAND WITH CLAY (SP-SC) [SAPROLITE] dark-orangish brown, moist, fine sand, saprolitic texture	9	M-1C			0.1		Tubing Riser
		10				0.1		
	POORLY GRADED SAND WITH CLAY (SP-SC) [SAPROLITE] dark-orangish brown, moist, fine sand, few subrounded fine to coarse gravel, saprolitic texture	11				0.1		
		12	M-2	Sonic	60/60	0.1		
		13				0.1		
		14				0.1		
	CLAYEY SAND (SC) [SAPROLITE] orangish brown, moist, fine sand, saprolitic texture	15				0.2		Top of sand (El. 274.28)
		16	M-3A			0.1		#1 FilPro Filtration Sand
		17		Sonic	60/60	0.1		6" Stainless Steel Soil Vapor Screen
							Collected soil sample SB-VMP-C_17.5.	
	CLAYEY SAND (SC) [SAPROLITE] orangish brown, wet, fine sand, saprolitic texture	18	M-3B			0.1		Bottom of VMP (El. 271.79)
	CLAYEY SAND WITH GRAVEL (SC) [SAPROLITE] orangish brown with gray, dry to moist, fine sand, saprolitic texture with cobbles	19	M-3C			0.4 0.7		
	End of Boring at 20.0 ft.	20					Stop Drilling: 20 ft, 4:00 PM.	Grout backfill
		21						

LANGAN

Log of Boring VMP-F Project No 220240201

Project: MIPC Chelsea Facility		Date Started: 6/29/2026	Date Finished: 7/7/2026
Location: Off-site property to the west of site		Coordinates: **REDACTED**	
Drilling Contractor: AWT		Elevation and Datum: **REDACTED**	
Drilling Method: Sonic Drilling		Completion Depth: 10.0 ft	Rock Depth: N/A
Drilling Equipment: TerraSonic 150cc Track-Mounted Rig	Water Depth (ft.)	First ▽ N/A	Completion ▼ N/A / 24 Hour ▼ N/A
Borehole Size (in): 8.00	No. of Runs	1	No. of Lab Samples: 2
Sampler: Sonic	Drilling Foreman	Geovany Ramos	Field Engineer: Jensen Te

Material Symbol	Sample Description	Depth Scale (ft)	Sample Data: Number	Sample Data: Type	Sample Data: Recov. (in)	PID (ppm)	Remarks	Well Diagram
	SANDY LEAN CLAY with GRAVEL (CL) light brown, moist, medium to coarse sand, subrounded gravel, (fill?)	0				0.0	Start Drilling: 0 ft, 8:00 AM. Precleared to 5ft depth by hand auger.	
	LEAN CLAY with SILT (CL) reddish brown, stiff, moist, trace fine sand	1				0.4	Collected soil sample SB-VMP-F_1.5.	
	LEAN CLAY with SAND (CL) reddish brown, stiff, moist, coarse sand	2				0.2		
		3				0.2		Grout
		4				0.2		
	SANDY LEAN CLAY with GRAVEL (CL) reddish brown, dry, subangular fine gravel	5				0.2	Stop drilling for the day: 5 ft, 3:30 PM. Start Drilling: 5 ft, 8:00 AM.	Tubing Riser
		6	M-1A	Sonic	60/60	0.8		
	POORLY GRADED GRAVEL with SAND and CLAY (GP-GC) gray with reddish brown, dry	7				1.6	Collected soil sample SB-VMP-F_7.5.	Top of sand (El. 289.79)
		8	M-1B			0.6		#1 FilPro Filtration Sand
	POORLY GRADED GRAVEL (GP) gray, dry, coarse gravel, (pulverized rock)	9				1.0		
			M-1C			0.4	Water table not encountered.	6" Stainless Steel Soil Vapor Screen
	End of Boring at 10.0 ft.	10					Stop Drilling: 10 ft, 4:00 PM.	Bottom of VMP (El. 286.80)
		11						
		12						
		13						
		14						
		15						

LANGAN

Log of Boring VMP-J Project No 220240201

Project: MIPC Chelsea Facility	Date Started: 7/22/2026	Date Finished: 7/22/2026	
Location: Off-site property to the west of site	Coordinates: **REDACTED**		
Drilling Contractor: AWT	Elevation and Datum: **REDACTED**		
Drilling Method: Sonic Drilling	Completion Depth: 15.0 ft	Rock Depth: N/A	
Drilling Equipment: TerraSonic 150cc Track-Mounted Rig	Water Depth (ft.) First: N/A	Completion: N/A	24 Hour: N/A
Borehole Size (in): 8.00	No. of Runs: 4	No. of Lab Samples: 2	
Sampler: Sonic	Drilling Foreman: Geovany Ramos	Field Engineer: Jensen Te	

Material Symbol	Sample Description	Depth Scale (ft)	Sample Data: Number	Sample Data: Type	Sample Data: Recov. (in)	PID (ppm)	Remarks
	SILT (ML) light brown, dry, roots	0				0.0	Start Drilling: 0 ft, 1:40 PM. Precleared to 5ft depth by hand auger & post hole digger.
	SILT (ML) brown, dry	1				0.0	Collected soil sample SB-VMP-J_1.
		2				0.0	
		3				0.0	
	LEAN CLAY (CL) dark red, dry, low plasticity clay	4				0.0	
		5				0.0	
		6				0.1	
		7	M-1A	Sonic	60/60	0.0	
		8				0.1	
	SANDY LEAN CLAY (CL) [SAPROLITE] reddish brown, moist, saprolitic texture	9	M-1B			0.1	
		10				0.1	
		11	M-2A			0.0	
		12				0.1	
	CLAYEY SAND (SC) [SAPROLITE] brown, moist, saprolitic texture	13		Sonic	60/60	0.1	
		14	M-2B			0.1	
		15				0.1	Collected soil sample SB-VMP-J_15. Stop Drilling: 15 ft, 4:00 PM.
	End of Boring at 15.0 ft.	16					
		17					
		18					

Well Diagram: Tubing Riser; Grout; Top of sand (El. 285.33); #1 FilPro Filtration Sand 6"; Stainless Steel Soil Vapor Screen; Bottom of VMP (El. 283.34)

LANGAN

Log of Boring VMP-N Project No 220240201

Project: MIPC Chelsea Facility	Date Started: 8/10/2026	Date Finished: 8/14/2026	
Location: Off-site property to the west of site	Coordinates: **REDACTED**		
Drilling Contractor: AWT	Elevation and Datum: **REDACTED**		
Drilling Method: Sonic Drilling	Completion Depth: 18.0 ft	Rock Depth: N/A	
Drilling Equipment: TerraSonic 150cc Track-Mounted Rig	Water Depth (ft.) First: N/A	Completion: N/A	24 Hour: N/A
Borehole Size (in): 8.00	No. of Runs: 4	No. of Lab Samples: 2	
Sampler: Sonic; DIST	Drilling Foreman: Geovany Ramos	Field Engineer: Jensen Te	

Material Symbol	Sample Description	Depth Scale (ft)	Sample Data: Number	Sample Data: Type	Sample Data: Recov. (in)	PID (ppm)	Remarks
	SILT (ML) brown, dry, roots	0				0.0	Start Drilling: 0 ft, 9:00 AM. Precleared to 5ft depth by hand auger & post hole digger.
	SILT (ML) brown	1				0.3	
		2	PC-1	DIST		0.5	Collected soil sample SB-VMP-N_2.
		3				0.6	
		4				0.9	
	LEAN CLAY (CL) reddish brown, dry	5				0.1	
		6	M-1A	Sonic	60/60	1.0	
		7				1.0	
	CLAYEY SAND (SC) [SAPROLITE] reddish brown, moist, saprolitic texture	8				0.9	
		9	M-1B			0.9	
	CLAYEY SAND (SC) [SAPROLITE] grayish brown, moist, saprolitic texture	10				0.5	
		11				2.1	
		12				1.7	
		13				1.6	
		14	M-2	Sonic	96/96	1.5	
		15				1.2	
		16				1.3	
		17				1.3	
		18				1.0	Collected soil sample SB-VMP-N_18. Stop Drilling: 18 ft, 4:00 PM.
	End of Boring at 18.0 ft.	19					
		20					

Well Diagram: Grout; Tubing Riser; Top of sand (El. 285.70); #1 FilPro Filtration Sand; 6" Stainless Steel Soil Vapor Screen; Bottom of VMP (El. 283.71)

Appendix C
Groundwater Low-Flow Sampling Logs: August and September 2026

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA	**Well ID:**	MW-C1	**Well Depth (ft btoc):**	30
Project Number:	220240201	**Sampling Event:**	Aug. 2026 Groundwater Sampling	**Well Permit #:**	N/A	**Well Diameter (in.):**	4
Personnel:	Brendan Rendulic	**Weather:**	Sunny, 80s	**Pump Intake Depth (ft btoc):**	23.5	**Screen Interval (ft btoc):**	10 - 30
Probe Model/Number:	Horiba U52 / U-50 Series	**Background PID (ppm):**	0.0	**Depth to Water Before Pump Install (ft btoc):**	17.11	**Sample ID:**	MW-C1_081326
Probe Serial Number:	34015	**PID Beneath Inner Cap (ppm):**	6.1	**Ambient Pressure (in. Hg):**	20.00	**Sample Date:**	8/13/2026
Pump Make & Model:	QED SamplePro Bladder Pump w/ QED MP-15			**Duplicate Sample ID:**	--	**Sample Time:**	17:15

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
16:00	4.59	0.195	3.59	136	0.0	16.27	18.30	200	
16:05	4.61	0.193	2.17	130	0.0	15.36	18.57	200	
16:10	4.63	0.193	2.42	113	0.0	15.22	18.72	200	
16:15	4.68	0.192	2.30	111	0.0	14.97	18.92	200	
16:20	4.71	0.192	2.07	105	0.0	14.99	19.01	200	
16:25	4.74	0.192	1.81	105	0.0	14.91	19.17	200	
16:30	4.74	0.192	1.58	101	0.0	14.98	19.29	200	
16:35	4.69	0.193	1.36	101	0.0	14.98	19.40	200	
16:40	4.74	0.192	1.19	97	0.0	15.04	19.50	200	
16:45	4.74	0.195	0.00	97	0.0	15.07	19.59	200	
16:50	4.79	0.195	0.00	97	0.0	15.10	19.65	200	
16:55	4.77	0.195	0.00	94	0.0	15.18	19.69	200	

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA	**Well ID:**	MW-C3	**Well Depth (ft btoc):**	20
Project Number:	220240201	**Sampling Event:**	Aug. 2026 Groundwater Sampling	**Well Permit #:**	N/A	**Well Diameter (in.):**	4
Personnel:	Ben Fox	**Weather:**	Sunny, 80's	**Pump Intake Depth (ft btoc):**	15.0	**Screen Interval (ft btoc):**	5 to 20
Probe Model/Number:	Horiba U52 / U-50 Series	**Background PID (ppm):**	0.0	**Depth to Water Before Pump Install (ft btoc):**	10.51	**Sample ID:**	MW-C3_081326
Probe Serial Number:	44007	**PID Beneath Inner Cap (ppm):**	397.6	**Ambient Pressure (in. Hg):**	–	**Sample Date:**	8/13/2026
Pump Make & Model:	QED SamplePro Bladder Pump w/ QED MP-15			**Duplicate Sample ID:**	–	**Sample Time:**	17:00

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
14:50	6.43	0.150	4.15	-105	0.8	19.58	10.61	100	
14:55	6.65	0.150	3.55	-129	0.0	19.23	10.61	100	
15:00	6.79	0.148	3.27	-139	0.0	18.41	10.62	100	
15:05	6.83	0.148	2.93	-144	0.0	17.17	10.63	100	
15:10	6.84	0.147	2.66	-144	0.0	17.07	10.63	100	
15:15	6.84	0.147	2.56	-145	0.0	16.93	10.63	100	
15:20	6.81	0.147	2.23	-145	0.0	16.83	10.63	100	
15:25	6.82	0.147	1.97	-145	0.0	16.82	10.63	100	
15:30	6.82	0.147	1.74	-144	0.0	16.60	10.63	100	
15:35	6.80	0.147	1.60	-143	0.0	16.49	10.64	100	
15:40	6.80	0.148	1.47	-143	0.0	16.33	10.64	100	
15:45	6.79	0.148	1.35	-143	0.0	16.25	10.63	100	
15:50	6.78	0.148	1.19	-142	0.0	16.19	10.64	100	
15:55	6.78	0.148	1.03	-142	0.0	16.15	10.64	100	
16:00	6.78	0.148	0.94	-142	0.0	16.11	10.64	100	
16:05	6.78	0.147	0.79	-141	0.0	16.10	10.64	100	
16:10	6.77	0.147	0.68	-141	0.0	16.04	10.64	100	
16:15	6.77	0.147	0.74	-141	0.0	16.03	10.64	100	
16:20	6.77	0.147	0.59	-141	0.0	16.00	10.64	100	
16:25	6.76	0.146	0.47	-139	0.0	15.94	10.64	100	
16:30	6.76	0.147	0.39	-138	0.0	15.94	10.64	100	
16:35	6.76	0.146	0.33	-138	0.0	15.95	10.64	100	
16:40	6.75	0.147	0.00	-137	0.0	15.95	10.64	100	
16:45	6.76	0.147	0.00	-136	0.0	15.93	10.64	100	
16:50	6.76	0.147	0.00	-137	0.0	15.89	10.64	100	

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA	**Well ID:**	MW-C4	**Well Depth (ft btoc):**	30
Project Number:	220240201	**Sampling Event:**	Aug. 2026 Groundwater Sampling	**Well Permit #:**	N/A	**Well Diameter (in.):**	4
Personnel:	Ben Fox	**Weather:**	Sunny, 80's	**Pump Intake Depth (ft btoc):**	27.0	**Screen Interval (ft btoc):**	10 to 30
Probe Model/Number:	Horiba U52 / U-50 Series	**Background PID (ppm):**	0.0	**Depth to Water Before Pump Install (ft btoc):**	23.98	**Sample ID:**	MW-C4_081326
Probe Serial Number:	34015	**PID Beneath Inner Cap (ppm):**	8.0	**Ambient Pressure (in. Hg):**	--	**Sample Date:**	8/13/2026
Pump Make & Model:	QED SamplePro Bladder Pump w/ QED MP-15			**Duplicate Sample ID:**	DUP_081326_GW	**Sample Time:**	12:10

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
10:35	6.17	0.264	3.00	162.0	5.40	16.01	24.70	150	
10:40	6.16	0.259	2.57	151.0	6.00	15.73	24.94	150	
10:45	6.16	0.258	2.35	160.0	2.36	15.71	25.01	150	
10:50	6.17	0.254	2.39	160.0	2.19	16.62	25.05	100	
10:55	6.16	0.255	2.08	159.0	2.09	17.00	25.03	100	
11:00	6.13	0.254	1.97	159.0	1.93	17.58	24.97	100	
11:05	6.12	0.254	1.86	159.0	1.40	17.69	24.95	100	
11:10	6.11	0.253	1.78	159.0	1.77	17.74	24.92	100	
11:15	6.09	0.253	1.73	159.0	1.72	17.58	24.90	100	
11:20	6.07	0.250	1.57	159.0	1.64	17.39	25.89	100	
11:25	6.05	0.248	1.95	159.0	0.40	17.33	24.88	100	
11:30	6.03	0.246	1.66	161.0	0.60	17.30	24.87	100	
11:35	6.01	0.245	1.60	162.0	0.40	17.44	24.86	100	
11:40	6.00	0.244	1.51	162.0	0.00	17.48	24.85	100	
11:45	5.97	0.242	1.46	163.0	0.00	17.42	24.84	100	~3 gal purged

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA	**Well ID:**	MW-C5	**Well Depth (ft btoc):**	30
Project Number:	220240201	**Sampling Event:**	Aug. 2026 Groundwater Sampling	**Well Permit #:**	N/A	**Well Diameter (in.):**	4
Personnel:	Brendan Rendulic	**Weather:**	Partly Cloudy 80s	**Pump Intake Depth (ft btoc):**	24.5	**Screen Interval (ft btoc):**	10-30
Probe Model/Number:	Horiba U52 / U-50 Series	**Background PID (ppm):**	0.4	**Depth to Water Before Pump Install (ft btoc):**	19.25	**Sample ID:**	MW-C5_081326
Probe Serial Number:	49881	**PID Beneath Inner Cap (ppm):**	5.3	**Ambient Pressure (in. Hg):**	40.00	**Sample Date:**	8/13/2026
Pump Make & Model:	QED SamplePro Bladder Pump w/ QED MP-15			**Duplicate Sample ID:**	–	**Sample Time:**	11:45

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
11:05	5.74	0.303	7.69	178.0	202.00	17.87	20.02	100	
11:10	5.72	0.292	6.04	180.0	195.00	16.80	20.17	100	
11:15	5.71	0.288	5.67	180.0	192.00	16.56	20.27	100	
11:20	5.69	0.286	5.70	181.0	195.00	16.40	20.34	100	
11:25	5.69	0.284	5.62	180.0	199.00	16.30	20.43	100	

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA	**Well ID:**	D1	**Well Depth (ft btoc):**	20
Project Number:	220240201	**Sampling Event:**	Aug. 2026 Groundwater Sampling	**Well Permit #:**	N/A	**Well Diameter (in.):**	4
Personnel:	Ben Fox & Brendan Rendulic	**Weather:**	Overcast	**Pump Intake Depth (ft btoc):**	15.0	**Screen Interval (ft btoc):**	5 to 20
Probe Model/Number:	Horiba U52 / U-50 Series	**Background PID (ppm):**	0.0	**Depth to Water Before Pump Install (ft btoc):**	9.35	**Sample ID:**	MWD1_08102026
Probe Serial Number:	34015	**PID Beneath Inner Cap (ppm):**	0.1	**Ambient Pressure (in. Hg):**	23.00	**Sample Date:**	8/10/2026
Pump Make & Model:	QED SamplePro Bladder Pump w/ QED MP-15			**Duplicate Sample ID:**	–	**Sample Time:**	14:40

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
14:40	5.93	0.132	1.40	201.0	0.00	17.06	9.35	175	
14:45	5.93	0.132	0.69	207.0	0.00	17.06	9.37	175	
14:50	5.95	0.132	0.33	211.0	0.00	16.83	9.66	175	
14:55	5.94	0.132	0.01	214.0	0.00	16.72	9.69	175	
15:00	5.94	0.131	0.00	215.0	0.00	16.64	9.69	175	1.5 gallons purged
15:05	5.94	0.130	0.00	216.0	0.00	16.86	9.68	175	
15:10	5.95	0.130	0.00	215.0	0.00	16.75	9.68	175	
15:15	5.95	0.129	0.00	214.0	1.50	16.80	9.69	175	
15:20	5.96	0.128	0.00	212.0	3.90	16.53	9.70	175	
15:25	5.95	0.128	0.00	210.0	4.00	16.49	9.70	175	2 gallons purged
15:30	5.97	0.128	0.00	208.0	7.80	16.07	9.72	175	
15:35	5.96	0.127	0.00	207.0	8.40	15.95	9.72	175	
15:40	5.96	0.127	0.00	206.0	8.00	15.75	9.73	175	
15:45	5.97	0.127	0.00	205.0	9.00	15.70	9.73	175	4 gallons pumped
15:50	5.97	0.126	0.00	204.0	9.10	15.55	9.74	175	

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA	**Well ID:**	MW-F1	**Well Depth (ft btoc):**	30
Project Number:	220240201	**Sampling Event:**	Aug. 2026 Groundwater Sampling	**Well Permit #:**	N/A	**Well Diameter (in.):**	4
Personnel:	Brendan Rendulic	**Weather:**	Overcast	**Pump Intake Depth (ft btoc):**	25.0	**Screen Interval (ft btoc):**	7.5-32.5
Probe Model/Number:	Horiba U52 / U-50 Series	**Background PID (ppm):**	0.0	**Depth to Water Before Pump Install (ft btoc):**	18.65	**Sample ID:**	MW-F1_081226
Probe Serial Number:	49881	**PID Beneath Inner Cap (ppm):**	13.5	**Ambient Pressure (in. Hg):**	35.00	**Sample Date:**	8/12/2026
Pump Make & Model:	QED SamplePro Bladder Pump w/ QED MP-15			**Duplicate Sample ID:**	–	**Sample Time:**	16:45

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
11:50	13.97	2.670	2.94	-55.0	4.00	16.86	18.97	300	
11:55	13.94	2.620	2.00	-56.0	0.50	16.31	19.04	300	
12:00	13.93	2.520	1.90	-55.0	0.00	16.11	19.11	300	
12:05	13.91	2.440	1.89	-54.0	0.00	16.16	19.14	300	
12:10	13.89	2.340	1.84	-53.0	0.00	16.14	19.16	300	
12:15	13.86	2.210	1.82	-52.0	0.00	16.15	19.18	300	
12:20	13.84	2.080	1.85	-51.0	7.10	16.08	19.18	300	
12:25	13.83	2.000	2.17	-48.0	3.30	16.06	19.20	300	
12:30	13.82	1.910	1.93	-50.0	3.20	16.10	19.20	300	
12:35	13.83	1.750	1.89	-51.0	11.80	16.09	19.21	300	
12:40	13.85	1.760	1.90	-52.0	8.90	16.09	19.21	300	
12:45	13.86	1.730	1.90	-51.0	6.20	16.04	19.20	300	
12:50	13.81	1.550	1.92	-51.0	23.60	16.09	19.21	300	
12:55	13.78	1.450	1.93	-50.0	72.10	16.06	19.21	300	
13:00	13.74	1.400	1.96	-48.0	92.30	16.07	19.21	300	
13:05	13.74	1.370	1.97	-48.0	81.60	16.13	19.20	300	
13:10	13.73	1.310	1.99	-48.0	96.10	16.18	19.18	300	
13:15	13.71	1.270	1.98	-47.0	118.00	16.34	19.15	300	
13:20	13.59	1.220	2.01	-41.0	152.00	16.47	19.11	300	
13:25	13.62	1.190	2.01	-43.0	172.00	16.48	19.09	300	
13:30	13.63	1.160	2.02	-43.0	186.00	16.49	19.06	300	
13:35	13.62	1.110	2.04	-44.0	209.00	16.60	19.03	300	
13:40	13.60	1.050	2.04	-44.0	225.00	16.47	19.00	300	
13:45	13.58	1.030	2.02	-43.0	228.00	16.54	18.99	300	
13:50	13.55	0.971	2.15	-41.0	243.00	16.51	18.98	300	
13:55	13.53	0.935	2.09	-41.0	240.00	16.57	18.99	300	
14:00	13.49	0.857	2.08	-41.0	249.00	16.57	19.00	300	
14:05	13.47	0.842	2.07	-40.0	242.00	16.56	18.99	300	
14:10	13.45	0.821	2.07	-40.0	238.00	16.53	18.99	300	
14:15	13.42	0.775	2.07	-40.0	253.00	16.56	18.98	300	
14:20	13.40	0.743	2.08	-40.0	259.00	16.66	18.99	300	
14:25	13.38	0.711	2.08	-40.0	269.00	16.77	18.96	300	
14:30	13.37	0.696	2.08	-39.0	272.00	16.77	18.96	300	
14:35	13.35	0.673	2.10	-39.0	276.00	16.73	18.95	300	
14:40	13.34	0.661	2.12	-38.0	278.00	16.73	18.95	300	
14:45	13.32	0.648	2.08	-38.0	278.00	16.81	18.94	300	
14:50	13.31	0.622	2.09	-38.0	290.00	16.83	18.94	300	
14:55	13.27	0.587	2.12	-37.0	299.00	16.80	18.94	300	
15:00	13.25	0.570	2.11	-37.0	307.00	16.82	18.94	300	
15:05	13.18	0.528	2.02	-36.0	353.00	17.43	18.90	300	
15:10	13.29	0.597	2.11	-37.0	340.00	17.18	18.89	300	
15:15	13.31	0.588	2.13	-39.0	323.00	17.04	18.90	300	
15:20	13.21	0.566	2.14	-35.0	326.00	17.05	18.92	300	
15:25	13.11	0.535	2.13	-32.0	339.00	17.15	18.94	300	
15:30	13.06	0.501	2.14	-31.0	353.00	17.18	18.93	300	
15:35	13.02	0.465	2.17	-31.0	371.00	17.18	18.92	300	
15:40	13.01	0.445	2.14	-31.0	383.00	17.28	18.91	300	
15:45	12.97	0.431	2.14	-28.0	389.00	17.39	18.90	300	
15:50	12.90	0.423	2.13	-28.0	389.00	17.44	18.89	300	
15:55	12.90	0.386	2.13	-28.0	408.00	17.49	18.87	300	
16:00	12.77	0.370	2.13	-24.0	406.00	17.66	18.85	300	
16:05	12.69	0.345	2.22	-22.0	404.00	17.71	18.85	300	
16:10	12.61	0.316	2.15	-21.0	398.00	17.69	18.84	300	
16:15	12.45	0.269	2.14	-19.0	397.00	17.86	18.83	300	
16:20	12.30	0.241	2.12	-16.0	385.00	17.95	18.83	300	
16:25	12.19	0.224	2.15	-14.0	371.00	18.00	18.82	300	
16:30	12.09	0.199	2.15	-10.0	349.00	18.11	18.81	300	

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA	**Well ID:**	MW-F2	**Well Depth (ft btoc):**	17
Project Number:	220240201	**Sampling Event:**	Aug. 2026 Groundwater Sampling	**Well Permit #:**	N/A	**Well Diameter (in.):**	4
Personnel:	Ben Fox	**Weather:**	Overcast, 80's	**Pump Intake Depth (ft btoc):**	16.0	**Screen Interval (ft btoc):**	12 to 17
Probe Model/Number:	Horiba U52 / U-50 Series	**Background PID (ppm):**	0.0	**Depth to Water Before Pump Install (ft btoc):**	14.62	**Sample ID:**	MW-F2_081226
Probe Serial Number:	46881	**PID Beneath Inner Cap (ppm):**	384.2	**Ambient Pressure (in. Hg):**	--	**Sample Date:**	8/12/2026
Pump Make & Model:	QED SamplePro Bladder Pump w/ QED MP-15			**Duplicate Sample ID:**	--	**Sample Time:**	12:00

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
10:45	5.83	0.369	0.40	-27.0	427.00	20.15	15.10	100	
10:50	5.87	0.367	0.14	-35.0	402.00	19.21	15.15	100	
10:55	5.92	0.369	0.00	-46.0	387.00	18.62	15.20	100	
11:00	5.95	0.367	0.00	-55.0	367.00	18.34	15.25	100	
11:05	5.98	0.369	0.00	-61.0	341.00	18.19	15.30	100	
11:10	6.00	0.372	0.00	-65.0	331.00	18.10	15.34	100	
11:15	6.03	0.375	0.00	-71.0	289.00	18.12	15.38	100	
11:20	6.06	0.374	0.00	-77.0	253.00	18.15	15.44	100	
11:25	6.08	0.372	0.00	-80.0	235.00	18.15	15.48	100	
11:30	6.09	0.373	0.00	-83.0	228.00	18.09	15.53	100	
11:35	6.09	0.372	0.00	-85.0	213.00	18.09	15.60	100	Sampled with bailer

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA	**Well ID:**	MW-J2	**Well Depth (ft btoc):**	30
Project Number:	220240201	**Sampling Event:**	Aug. 2026 Groundwater Sampling	**Well Permit #:**	N/A	**Well Diameter (in.):**	4 in
Personnel:	Brendan Rendulic	**Weather:**	Sunny	**Pump Intake Depth (ft btoc):**	22.5	**Screen Interval (ft btoc):**	20
Probe Model/Number:	Horiba U52 / U-50 Series	**Background PID (ppm):**	0.0	**Depth to Water Before Pump Install (ft btoc):**	16.62	**Sample ID:**	MW-J2_081126
Probe Serial Number:	4681	**PID Beneath Inner Cap (ppm):**	1.1	**Ambient Pressure (in. Hg):**	15.00	**Sample Date:**	8/11/2026
Pump Make & Model:	QED SamplePro Bladder Pump w/ QED MP-15			**Duplicate Sample ID:**	–	**Sample Time:**	13:45

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
12:25	5.07	0.169	6.95	196.0	0.00	17.51	16.88	150	
12:30	5.05	0.166	6.65	203.0	0.00	17.13	16.91	150	
12:35	5.07	0.163	6.31	202.0	0.00	16.97	16.92	150	
12:40	5.13	0.163	6.08	205.0	0.00	16.92	16.92	150	
12:45	5.19	0.163	6.32	205.0	0.00	16.83	16.92	150	
12:50	5.13	0.162	5.79	209.0	0.00	16.76	16.93	150	
12:55	5.12	0.163	5.61	212.0	1.00	16.75	16.93	150	
13:00	5.11	0.163	5.48	215.0	1.50	16.77	16.92	150	
13:05	5.13	0.164	5.38	218.0	2.00	16.77	16.92	150	
13:10	5.14	0.163	5.27	217.0	3.40	16.77	16.92	150	
13:15	5.13	0.163	5.25	218.0	3.50	16.73	16.92	150	
13:20	5.14	0.161	5.07	216.0	3.60	16.85	16.92	150	
13:25	5.16	0.162	5.06	215.0	3.50	16.63	16.92	150	
13:30	5.14	0.161	4.97	216.0	2.90	16.53	16.92	150	

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA	**Well ID:**	MW-J3	**Well Depth (ft btoc):**	34
Project Number:	220240201	**Sampling Event:**	Aug. 2026 Groundwater Sampling	**Well Permit #:**	N/A	**Well Diameter (in.):**	4 in
Personnel:	Ben Fox	**Weather:**	Sunny, 80s	**Pump Intake Depth (ft btoc):**	–	**Screen Interval (ft btoc):**	10 to 34
Probe Model/Number:	Horiba U52 / U-50 Series	**Background PID (ppm):**	0.0	**Depth to Water Before Pump Install (ft btoc):**	–	**Sample ID:**	MW-J3_081126
Probe Serial Number:	–	**PID Beneath Inner Cap (ppm):**	–	**Ambient Pressure (in. Hg):**	–	**Sample Date:**	8/11/2026
Pump Make & Model:	QED SamplePro Bladder Pump w/ QED MP-15			**Duplicate Sample ID:**	DUP_081126_GW	**Sample Time:**	15:20

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
11:15	4.14	0.137	0.85	380.0	950	21.38	16.33	100	
11:20	4.10	0.136	1.43	372.0	1000	22.37	16.35	100	
11:25	4.08	0.136	0.80	373.0	1000	23.56	16.37	100	
11:30	4.13	0.137	0.69	377.0	1000	23.87	16.33	100	
11:35	4.24	0.141	0.53	370.0	1000	24.47	16.30	100	
11:40	4.29	0.140	0.15	365.0	1000	24.27	16.30	100	
11:45	4.33	0.143	0.13	360.0	1000	24.42	16.32	100	
11:50	4.33	0.138	0.20	354.0	1000	23.73	16.35	100	
11:55	4.35	0.143	0.06	358.0	1000	22.84	16.63	100	
12:00	4.38	0.210	0.00	361.0	1000	21.18	16.69	100	
12:05	4.38	0.179	0.00	364.0	1000	19.18	16.72	100	
12:10	4.38	0.149	0.00	367.0	1000	18.41	16.82	100	
12:15	4.39	0.156	0.00	371.0	1000	17.82	16.86	100	
12:20	4.40	0.154	0.00	369.0	1000	17.89	17.50	100	
12:25	4.40	0.159	0.00	360.0	1000	17.50	16.93	100	
12:29	–	–	–	–	–	–	–	–	Work paused, ran out of CO2
12:48	–	–	–	–	–	–	–	–	Pumping resumed, canister replaced
12:50	4.47	0.193	0.00	362.0	1000	19.97	16.55	100	
12:55	4.47	0.172	0.00	362.0	1000	18.06	16.58	100	
13:00	4.47	0.170	0.00	363.0	1000	17.87	16.64	100	
13:05	4.46	0.170	0.00	362.0	1000	17.84	16.63	100	
13:10	4.48	0.170	0.00	360.0	1000	17.82	16.66	100	
13:15	4.48	0.175	0.00	359.0	1000	17.74	16.84	100	
13:20	4.48	0.172	0.00	359.0	1000	17.69	16.92	100	
13:25	4.48	0.167	0.00	360.0	1000	17.60	16.93	100	
13:30	4.49	0.162	0.00	359.0	1000	18.18	16.91	100	
13:35	4.49	0.166	0.00	356.0	1000	18.95	16.87	100	
14:20	4.55	0.146	0.00	346.0	337	18.43	16.86	100	
14:25	4.52	0.142	0.00	351.0	341	18.14	16.90	100	
14:30	4.49	0.142	0.00	353.0	355	17.45	16.93	100	
14:35	4.53	0.142	0.00	352.0	365	17.65	16.95	100	
14:40	4.53	0.144	0.00	349.0	390	17.69	16.98	100	

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA	**Well ID:**	MW-N1	**Well Depth (ft btoc):**	34
Project Number:	220240201	**Sampling Event:**	Aug. 2026 Groundwater Sampling	**Well Permit #:**	N/A	**Well Diameter (in.):**	4
Personnel:	Kelly McNicholas, Nicolas Buzzanco	**Weather:**	Sunny, 80s	**Pump Intake Depth (ft btoc):**	26.0	**Screen Interval (ft btoc):**	9 - 34
Probe Model/Number:	Horiba U52 / U-50 Series	**Background PID (ppm):**	0.0	**Depth to Water Before Pump Install (ft btoc):**	18.32	**Sample ID:**	MW-N1_081926
Probe Serial Number:	25358	**PID Beneath Inner Cap (ppm):**	3.7	**Ambient Pressure (in. Hg):**	29.89	**Sample Date:**	8/19/2026
Pump Make & Model:	QED SamplePro Bladder Pump w/ QED MP-15			**Duplicate Sample ID:**	DUP_081926_GW	**Sample Time:**	16:00

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
1420	8.54	0.110	3.37	-212	49.0	15.75	18.51	400	
1425	7.80	0.098	3.02	-177	42.3	15.29	18.52	300	
1430	7.52	0.095	3.08	-163	37.1	15.10	18.53	300	
1435	7.28	0.092	3.21	-155	27.5	15.04	18.54	300	
1440	7.06	0.091	3.30	-145	31.5	14.94	18.55	300	
1445	6.91	0.091	3.26	-140	37.3	14.87	18.55	300	
1450	6.85	0.091	3.24	-138	38.4	14.87	18.55	300	
1455	6.74	0.089	3.41	-130	41.3	14.81	18.55	300	
1500	6.65	0.088	3.41	-121	43.2	14.76	18.55	300	
1505	6.59	0.084	3.53	-114	51.9	14.74	18.55	300	
1510	6.54	0.084	3.61	-109	53.8	14.70	18.55	300	
1515	6.50	0.085	3.72	-105	51.2	14.67	18.55	300	
1520	6.45	0.082	3.75	-96	57.7	14.82	18.55	300	
1525	6.43	0.083	3.75	-96	58.5	14.90	18.55	150	
1530	6.37	0.084	3.64	-90	58.7	15.65	18.55	150	
1535	6.37	0.086	3.61	-89	57.0	15.97	18.55	150	
1540	6.36	0.086	3.75	-88	57.6	16.05	18.55	150	

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA	**Well ID:**	MW-N2	**Well Depth (ft btoc):**	35
Project Number:	220240201	**Sampling Event:**	Aug. 2026 Groundwater Sampling	**Well Permit #:**	N/A	**Well Diameter (in.):**	4
Personnel:	Kelly McNicholas, Nicolas Buzzanco	**Weather:**	Sunny,70s	**Pump Intake Depth (ft btoc):**	27.0	**Screen Interval (ft btoc):**	10 - 35
Probe Model/Number:	Horiba U52 / U-50 Series	**Background PID (ppm):**	0.0	**Depth to Water Before Pump Install (ft btoc):**	20.16	**Sample ID:**	MW-N2_082126
Probe Serial Number:	25358	**PID Beneath Inner Cap (ppm):**	4.3	**Ambient Pressure (in. Hg):**	30.09	**Sample Date:**	8/21/2026
Pump Make & Model:	QED SamplePro Bladder Pump w/ QED MP-15			**Duplicate Sample ID:**	--	**Sample Time:**	12:50

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
11:50	4.67	0.099	5.49	158	0.0	23.42	20.25	300	
11:55	4.30	0.084	7.09	178	0.0	22.09	20.40	110	
12:00	4.30	0.084	7.06	178	0.0	21.87	20.42	110	
12:05	4.59	0.082	7.13	153	0.0	21.02	20.55	110	
12:10	4.58	0.083	7.16	150	0.0	20.84	20.60	90	
12:15	4.69	0.084	7.33	147	0.0	20.57	20.61	60	
12:20	4.68	0.084	7.14	144	0.8	20.53	20.63	60	
12:25	4.74	0.084	7.07	144	1.1	20.49	20.65	60	
12:30	4.74	0.084	7.10	145	4.3	20.29	20.67	60	
12:35	4.73	0.083	7.09	145	4.7	20.14	20.69	60	
12:40	4.73	0.083	7.09	149	6.6	19.95	20.72	60	
12:45	4.75	0.083	7.21	149	8.0	19.95	20.74	60	

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA	**Well ID:**	MW-N3	**Well Depth (ft btoc):**	30
Project Number:	220240201	**Sampling Event:**	Aug. 2026 Groundwater Sampling	**Well Permit #:**	N/A	**Well Diameter (in.):**	4
Personnel:	Kelly McNicholas, Nicolas Buzzanco	**Weather:**	Sunny, 66F	**Pump Intake Depth (ft btoc):**	26.0	**Screen Interval (ft btoc):**	10 - 30
Probe Model/Number:	Horiba U52 / U-50 Series	**Background PID (ppm):**	0.0	**Depth to Water Before Pump Install (ft btoc):**	22.16	**Sample ID:**	MW-N3_082126
Probe Serial Number:	25358	**PID Beneath Inner Cap (ppm):**	2.8	**Ambient Pressure (in. Hg):**	30.09	**Sample Date:**	8/21/2026
Pump Make & Model:	QED SamplePro Bladder Pump w/ QED MP-15			**Duplicate Sample ID:**	–	**Sample Time:**	10:10

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
9:20	5.22	0.121	8.07	170	32.2	16.26	22.17	200	PVC shavings stuff to tip of IP after original depth to water.
9:25	5.10	0.117	7.81	168	21.7	16.02	22.16	200	
9:30	5.12	0.115	7.75	169	14.7	15.90	22.16	200	
9:35	5.10	0.111	7.53	169	15.3	15.90	22.16	200	
9:40	5.06	0.109	7.48	171	16.5	15.82	22.16	200	
9:45	5.04	0.107	7.46	172	11.7	15.81	22.16	200	
9:50	5.07	0.107	7.46	174	13.6	15.84	22.16	200	
9:55	5.07	0.106	7.37	173	13.6	15.93	22.16	200	
10:00	5.05	0.105	7.31	176	13.3	15.93	22.16	200	

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA	**Well ID:**	MW-1C	**Well Depth (ft btoc):**	54
Project Number:	220240201	**Sampling Event:**	Aug. 2026 Groundwater Sampling	**Well Permit #:**	N/A	**Well Diameter (in.):**	4
Personnel:	Luke Merril, Nicolas Buzzanco	**Weather:**	Clear, 84 F	**Pump Intake Depth (ft btoc):**	45.0	**Screen Interval (ft btoc):**	25.5 to 50.5
Probe Model/Number:	Horiba U52 / U-50 Series	**Background PID (ppm):**	0.0	**Depth to Water Before Pump Install (ft btoc):**	38.08	**Sample ID:**	MW-1C_081226
Probe Serial Number:	21658	**PID Beneath Inner Cap (ppm):**	140.2	**Ambient Pressure (in. Hg):**	29.84	**Sample Date:**	8/12/2026
Pump Make & Model:	QED SamplePro Bladder Pump w/ QED MP-15			**Duplicate Sample ID:**	–	**Sample Time:**	15:05

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
14:30	6.31	0.084	0.86	190.0	0.00	27.54	38.31	150	Pump turned on at 14:25
14:35	6.26	0.083	0.34	183.0	0.00	26.22	38.42	90	
14:40	6.25	0.085	0.43	180.0	0.00	25.53	38.50	90	
14:45	6.25	0.083	0.40	177.0	0.00	24.61	38.63	90	
14:50	6.25	0.083	0.31	175.0	0.00	25.05	38.70	85	
14:55	6.24	0.083	0.29	173.0	0.00	25.34	38.77	85	
15:00	6.24	0.083	0.28	172.0	0.00	25.52	38.84	85	

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA		**Well ID:**	MW-1J	**Well Depth (ft btoc):**	54
Project Number:	220240201	**Sampling Event:**	Aug. 2026 Groundwater Sampling		**Well Permit #:**	N/A	**Well Diameter (in.):**	4
Personnel:	Luke Merril, Nicolas Buzzanco	**Weather:**	Clear, 80 F		**Pump Intake Depth (ft btoc):**	40.0	**Screen Interval (ft btoc):**	25 to 50
Probe Model/Number:	Horiba U52 / U-50 Series	**Background PID (ppm):**	0.0		**Depth to Water Before Pump Install (ft btoc):**	34.44	**Sample ID:**	MW-1J_081226
Probe Serial Number:	21658	**PID Beneath Inner Cap (ppm):**	61.0		**Ambient Pressure (in. Hg):**	29.88	**Sample Date:**	8/12/2026
Pump Make & Model:	QED SamplePro Bladder Pump w/ QED MP-15				**Duplicate Sample ID:**	--	**Sample Time:**	12:10

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)0.26	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown < 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
11:00	5.47	0.031	1.56	125.0	27.00	22.19	34.64	130	Pump turned on at 10:55
11:05	5.62	0.031	0.75	81.0	16.00	22.03	34.68	90	
11:10	5.95	0.029	0.55	43.0	8.50	21.74	34.77	90	
11:15	6.16	0.028	0.52	17.0	3.10	21.90	34.85	90	
11:20	6.29	0.028	0.30	-4.0	1.10	22.46	34.88	70	
11:25	6.51	0.028	0.20	-29.0	0.20	22.57	34.95	70	
11:30	6.60	0.027	0.05	-42.0	0.80	22.80	34.97	70	
11:35	6.59	0.027	0.07	-46.0	0.30	22.93	35.00	70	
11:40	6.56	0.027	0.05	-47.0	0.00	23.03	35.03	70	
11:45	6.53	0.027	0.04	-49.0	0.00	23.13	35.04	70	
11:50	6.51	0.027	0.02	-51.0	0.00	23.16	35.05	70	
11:55	6.49	0.026	0.00	-54.0	0.00	23.14	35.06	70	
12:00	6.49	0.026	0.00	-57.0	0.00	23.09	35.07	70	
12:05	6.48	0.026	0.00	-61.0	0.00	23.13	35.08	70	

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA	**Well ID:**	MW-1K	**Well Depth (ft btoc):**	54
Project Number:	220240201	**Sampling Event:**	Aug. 2026 Groundwater Sampling	**Well Permit #:**	N/A	**Well Diameter (in.):**	4
Personnel:	Luke Merril, Nicolas Buzzanco	**Weather:**	Clear, 74 F	**Pump Intake Depth (ft btoc):**	45.0	**Screen Interval (ft btoc):**	25 to 50
Probe Model/Number:	Horiba U52 / U-50 Series	**Background PID (ppm):**	0.0	**Depth to Water Before Pump Install (ft btoc):**	41.52	**Sample ID:**	MW-1K_081326
Probe Serial Number:	21658	**PID Beneath Inner Cap (ppm):**	510.9	**Ambient Pressure (in. Hg):**	29.87	**Sample Date:**	8/14/2026
Pump Make & Model:	QED SamplePro Bladder Pump w/ QED MP-15			**Duplicate Sample ID:**	–	**Sample Time:**	9:15

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown < 0.3 ft41.62	100-500 mL/min	Color, odor, gallons purged etc.
8:25	6.28	0.123	2.70	33.0	3.50	21.45	41.62	100	Pump turned on at 08:15
8:30	6.78	0.085	0.88	-9.0	0.00	19.86	41.63	110	
8:35	6.83	0.077	0.37	-16.0	0.00	18.73	41.64	110	
8:40	6.84	0.076	0.22	-18.0	0.00	18.25	41.64	110	
8:45	6.85	0.075	0.11	-20.0	0.00	17.77	41.65	110	
8:50	6.86	0.075	0.07	-22.0	0.00	17.74	41.65	110	
8:55	6.86	0.075	0.02	-23.0	0.00	17.82	41.66	110	
9:00	6.86	0.075	0.00	-24.0	0.00	17.65	41.66	110	
9:05	6.87	0.074	0.00	-24.0	0.00	17.58	41.67	110	
9:10	6.87	0.074	0.00	-24.0	0.00	17.61	41.67	110	

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA	**Well ID:**	MW-1L	**Well Depth (ft btoc):**	33.63
Project Number:	220240201	**Sampling Event:**	Aug. 2026 Groundwater Sampling	**Well Permit #:**	N/A	**Well Diameter (in.):**	4
Personnel:	Kelly McNicholas	**Weather:**		**Pump Intake Depth (ft btoc):**	–	**Screen Interval (ft btoc):**	15 to 30
Probe Model/Number:	–	**Background PID (ppm):**	0.0	**Depth to Water Before Pump Install (ft btoc):**	29.72	**Sample ID:**	MW-1L_081326
Probe Serial Number:	–	**PID Beneath Inner Cap (ppm):**	47.6	**Ambient Pressure (in. Hg):**	–	**Sample Date:**	8/13/2026
Pump Make & Model:	–			**Duplicate Sample ID:**	–	**Sample Time:**	9:00

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
9:00	*Parameters not documented. Purged with 3-foot-long 4-inch-wide bailer until dry on 8/12/2026. 7 bails and approximately 2.5 gallons purged. First bailer full of water, subsequent bailers descreased by ~1/2 volume. Water was originally clear then transitioned to gray cloudy color with mild odor. Returned on 8/13/2026 to sample. Sampled with new bailer.*								

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA	**Well ID:**	MW-1W	**Well Depth (ft btoc):**	42
Project Number:	220240201	**Sampling Event:**	Aug. 2026 Groundwater Sampling	**Well Permit #:**	N/A	**Well Diameter (in.):**	4
Personnel:	Luke Merril, Nicolas Buzzanco	**Weather:**	Clouds, 83 F	**Pump Intake Depth (ft btoc):**	42.0	**Screen Interval (ft btoc):**	20 to 40
Probe Model/Number:	--	**Background PID (ppm):**	0.0	**Depth to Water Before Pump Install (ft btoc):**	38.97	**Sample ID:**	MW-1W_081226
Probe Serial Number:	--	**PID Beneath Inner Cap (ppm):**	0.0	**Ambient Pressure (in. Hg):**	29.88	**Sample Date:**	8/12/2026
Pump Make & Model:	--			**Duplicate Sample ID:**	--	**Sample Time:**	8:10

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
8:10	*Parameters not documented. Purged with 3-foot-long 4-inch-wide bailer until dry on 8/11/2026. Approximately 6+ gallons purged. Returned on 8/12/2026 to sample (Depth to Water = 39.02 ft btoc). Sampled with new bailer.*								

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA	**Well ID:**	MW-1X	**Well Depth (ft btoc):**	41
Project Number:	220240201	**Sampling Event:**	Aug. 2026 Groundwater Sampling	**Well Permit #:**	N/A	**Well Diameter (in.):**	4
Personnel:	Luke Merril, Nicolas Buzzanco	**Weather:**	Cloudy 74F	**Pump Intake Depth (ft btoc):**	36.0	**Screen Interval (ft btoc):**	20 to 40
Probe Model/Number:	Horiba U52 / U-50 Series	**Background PID (ppm):**	0.0	**Depth to Water Before Pump Install (ft btoc):**	32.15	**Sample ID:**	MW-1X_081126
Probe Serial Number:	21658	**PID Beneath Inner Cap (ppm):**	0.7	**Ambient Pressure (in. Hg):**	29.93	**Sample Date:**	8/11/2026
Pump Make & Model:	QED SamplePro Bladder Pump w/ QED MP-15			**Duplicate Sample ID:**	–	**Sample Time:**	9:40

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
8:35	4.87	0.066	3.60	280.0	17.90	20.09	32.23	200	Pump turned on at 08:29
8:40	5.27	0.034	2.66	256.0	15.60	19.10	32.26	90	
8:45	5.48	0.026	2.62	243.0	14.40	19.00	32.26	120	
8:50	5.62	0.023	2.52	232.0	12.90	18.93	32.26	100	
8:55	5.68	0.021	2.44	224.0	14.40	18.95	32.26	110	
9:00	5.69	0.020	2.30	220.0	11.70	18.94	32.26	110	
9:05	5.69	0.020	2.38	217.0	9.50	19.11	32.26	110	
9:10	5.69	0.020	2.29	216.0	7.20	19.05	32.26	110	
9:15	5.70	0.019	2.20	216.0	5.80	18.98	32.26	110	
9:20	5.71	0.019	2.13	213.0	5.40	18.84	32.26	110	
9:25	5.71	0.019	2.06	210.0	4.50	18.74	32.26	110	
9:30	5.70	0.019	2.04	210.0	4.70	18.86	32.26	110	
9:35	5.72	0.019	1.96	209.0	4.50	18.90	32.26	110	

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA	**Well ID:**	MW-1Y	**Well Depth (ft btoc):**	30
Project Number:	220240201	**Sampling Event:**	Aug. 2026 Groundwater Sampling	**Well Permit #:**	N/A	**Well Diameter (in.):**	4
Personnel:	Kelly McNicholas	**Weather:**	Sunny 80	**Pump Intake Depth (ft btoc):**	–	**Screen Interval (ft btoc):**	10-30
Probe Model/Number:	–	**Background PID (ppm):**	0.6	**Depth to Water Before Pump Install (ft btoc):**	29.65	**Sample ID:**	–
Probe Serial Number:	–	**PID Beneath Inner Cap (ppm):**	0.7	**Ambient Pressure (in. Hg):**	–	**Sample Date:**	–
Pump Make & Model:	–			**Duplicate Sample ID:**	–	**Sample Time:**	–

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
8/12/2026 @ 14:30	*Tip of interface probe covered in mud when attemping to gauge. Put bailer down well to attempt to purge dry but no water retrieved in bailer. Unable to sample.*								

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA	**Well ID:**	MW-1Z	**Well Depth (ft btoc):**	46
Project Number:	220240201	**Sampling Event:**	Aug. 2026 Groundwater Sampling	**Well Permit #:**	N/A	**Well Diameter (in.):**	4
Personnel:	Luke Merril, Nicolas Buzzanco	**Weather:**	Partly Cloudy, 75 F	**Pump Intake Depth (ft btoc):**	38.0	**Screen Interval (ft btoc):**	20 to 42
Probe Model/Number:	Horiba	**Background PID (ppm):**	0.0	**Depth to Water Before Pump Install (ft btoc):**	33.79	**Sample ID:**	MW-1Z_081226
Probe Serial Number:	21658	**PID Beneath Inner Cap (ppm):**	388.1	**Ambient Pressure (in. Hg):**	29.84	**Sample Date:**	8/12/2026
Pump Make & Model:	QED SamplePro Bladder Pump w/ QED MP-15			**Duplicate Sample ID:**	--	**Sample Time:**	9:20

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
8:35	5.42	0.078	4.23	267.0	18.00	21.83	33.92	150	Pump turned on at 8:25
8:40	5.77	0.046	1.30	213.0	13.60	18.96	33.92	110	
8:45	5.90	0.042	1.00	199.0	9.80	18.12	33.93	110	
8:50	5.93	0.039	0.86	196.0	8.90	17.88	33.93	110	
8:55	5.93	0.037	0.75	193.0	8.60	17.71	33.93	110	
9:00	5.93	0.035	0.54	192.0	9.20	17.56	33.94	110	
9:05	5.92	0.034	0.44	192.0	9.40	17.56	33.94	110	
9:10	5.92	0.034	0.42	192.0	9.50	17.51	33.94	110	
9:15	5.91	0.033	0.43	193.0	9.50	17.49	33.94	110	

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA	**Well ID:**	MW-1AA	**Well Depth (ft btoc):**	47
Project Number:	220240201	**Sampling Event:**	Aug. 2026 Groundwater Sampling	**Well Permit #:**	N/A	**Well Diameter (in.):**	4
Personnel:	Luke Merril, Nicolas Buzzanco	**Weather:**	Clear 82F	**Pump Intake Depth (ft btoc):**	37.0	**Screen Interval (ft btoc):**	20 to 43
Probe Model/Number:	Horiba U52 / U-50 Series	**Background PID (ppm):**	0.0	**Depth to Water Before Pump Install (ft btoc):**	32.99	**Sample ID:**	MW-1AA_081026
Probe Serial Number:	21658	**PID Beneath Inner Cap (ppm):**	15.8	**Ambient Pressure (in. Hg):**	30.01	**Sample Date:**	8/10/2026
Pump Make & Model:	QED SamplePro Bladder Pump w/ QED MP-15			**Duplicate Sample ID:**	–	**Sample Time:**	13:50

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
12:45	6.37	0.045	1.46	102.0	2.60	18.50	33.31	400	Pump turned on at 12:43
12:50	6.41	0.042	0.45	88.0	0.90	19.67	33.30	130	
12:55	6.46	0.042	0.37	79.0	3.10	19.65	33.33	100	
13:00	6.47	0.042	0.31	75.0	3.30	19.56	33.35	100	
13:05	6.48	0.043	0.24	73.0	5.20	20.05	33.38	50	
13:10	6.48	0.043	0.24	72.0	5.10	20.03	33.39	80	
13:15	6.48	0.043	0.21	72.0	5.20	19.75	33.40	110	
13:20	6.48	0.042	0.19	72.0	4.60	19.93	33.41	110	
13:25	6.47	0.041	0.18	73.0	4.60	19.98	33.42	110	
13:30	6.46	0.041	0.21	74.0	4.90	20.26	33.43	110	
13:35	6.45	0.041	0.21	74.0	6.10	20.20	33.44	110	
13:40	6.45	0.041	0.20	74.0	6.20	20.08	33.45	110	
13:45	6.45	0.040	0.20	74.0	6.30	20.06	33.46	110	

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA	**Well ID:**	MW-3	**Well Depth (ft btoc):**	41
Project Number:	220240201	**Sampling Event:**	Aug. 2026 Groundwater Sampling	**Well Permit #:**	N/A	**Well Diameter (in.):**	2
Personnel:	Kelly McNicholas, Hope Blair	**Weather:**	--	**Pump Intake Depth (ft btoc):**	34.0	**Screen Interval (ft btoc):**	21-41
Probe Model/Number:	Horiba U52 / U-50 Series	**Background PID (ppm):**	--	**Depth to Water Before Pump Install (ft btoc):**	27.30	**Sample ID:**	MW-3_081126
Probe Serial Number:	48554	**PID Beneath Inner Cap (ppm):**	--	**Ambient Pressure (in. Hg):**	--	**Sample Date:**	8/11/2026
Pump Make & Model:	QED SamplePro Bladder Pump w/ QED MP-15			**Duplicate Sample ID:**	--	**Sample Time:**	11:50

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
9:20	4.81	0.049	8.87	301	0	19.37	27.47	25	Turbidity visually appeads higher than Horiba reading
9:25	4.72	0.039	6.46	327	0	19.81	27.4	125	
9:35	4.38	0.035	5.17	356	850	19.64	27.36	125	Turbidity readings varied from expected values from visual inspection, purge pause, flow cell emptied and cleaned
9:40	4.32	0.034	4.7	372	742	19.1	27.4	125	
9:45	4.29	0.034	4.27	385	570	18.83	27.4	125	
9:50	4.28	0.034	3.98	393	393	18.73	27.4	125	
9:55	4.28	0.034	3.75	398	429	18.89	27.39	110	
10:00	4.28	0.034	3.53	400	361	18.98	27.4	100	
10:05	4.28	0.035	3.39	403	321	19	27.4	125	
10:10	4.3	0.035	3.18	403	263	19.04	27.4	100	
10:15	4.31	0.035	3.19	403	210	19.2	27.41	100	
10:20	4.32	0.035	3.09	402	184	19.39	27.4	100	
10:25	4.32	0.036	3.16	402	165	19.7	27.39	100	
10:30	4.33	0.036	3.14	401	167	19.7	27.4	110	
10:35	4.35	0.036	3.16	400	174	19.62	27.4	100	
10:40	4.37	0.036	2.92	399	161	19.88	27.39	110	
10:45	4.38	0.037	2.85	399	162	20	27.41	110	
10:55	4.39	0.037	4.42	379	225	21	27.4	125	Turbidity readings varied from expected values from visual inspection, purge pause, flow cell emptied and cleaned
11:00	4.43	0.036	3.18	389	185	20.41	27.4	125	
11:05	4.44	0.037	2.88	391	173	20.5	27.4	110	
11:10	4.45	0.037	2.79	391	170	20.55	27.4	110	
11:15	4.45	0.037	2.71	393	135	20.56	27.4	110	
11:20	4.45	0.037	2.68	392	122	20.65	27.4	110	
11:25	4.47	0.037	2.68	391	127	20.69	27.4	110	
11:30	4.46	0.038	2.71	391	92.4	20.8	27.4	110	
11:35	4.48	0.038	2.68	391	90.5	20.85	27.4	110	
11:40	4.49	0.038	2.57	392	94.4	21.07	27.4	125	
11:45	4.49	0.038	2.57	392	95	21.02	27.4	125	
11:50	4.49	0.038	2.53	391	99.7	21.28	27.4	125	

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA	**Well ID:**	MW-4	**Well Depth (ft btoc):**	24
Project Number:	220240201	**Sampling Event:**	Aug. 2026 Groundwater Sampling	**Well Permit #:**	N/A	**Well Diameter (in.):**	4
Personnel:	Sophie Meyer	**Weather:**	86, sunny	**Pump Intake Depth (ft btoc):**	–	**Screen Interval (ft btoc):**	4-24
Probe Model/Number:	Horiba U52 / U-50 Series	**Background PID (ppm):**	0.0	**Depth to Water Before Pump Install (ft btoc):**	4.20	**Sample ID:**	MW-4_081226
Probe Serial Number:	–	**PID Beneath Inner Cap (ppm):**	18.1	**Ambient Pressure (in. Hg):**	–	**Sample Date:**	8/12/2026
Pump Make & Model:	QED SamplePro Bladder Pump w/ QED MP-15			**Duplicate Sample ID:**	–	**Sample Time:**	11:30

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
11:00	5.53	0.277	2.70	166.0	0.00	18.71	4.11	200	Lower pressure had no flow, 200 ml/min was minimum to produce flow
11:05	5.56	0.275	0.37	158.0	0.00	18.72	4.11	200	
11:10	5.56	0.272	0.09	152.0	0.00	18.80	4.11	200	
11:15	5.57	0.268	0.00	147.0	0.00	18.81	4.11	200	
11:20	5.58	0.266	0.00	141.0	0.00	18.83	4.11	200	
11:25	5.58	0.264	0.00	137.0	0.00	18.83	4.11	200	
11:30	5.58	0.260	0.00	133.0	0.00	18.88	4.11	200	

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA	**Well ID:**	MW-10	**Well Depth (ft btoc):**	42
Project Number:	220240201	**Sampling Event:**	Aug. 2026 Groundwater Sampling	**Well Permit #:**	N/A	**Well Diameter (in.):**	4
Personnel:	Kelly McNicholas	**Weather:**	partly cloudy, 80s	**Pump Intake Depth (ft btoc):**	40.0	**Screen Interval (ft btoc):**	22 to 42
Probe Model/Number:	Horiba U52 / U-50 Series	**Background PID (ppm):**	0.0	**Depth to Water Before Pump Install (ft btoc):**	37.47	**Sample ID:**	MW-10_081126
Probe Serial Number:	224381	**PID Beneath Inner Cap (ppm):**	0.0	**Ambient Pressure (in. Hg):**	–	**Sample Date:**	8/11/2026
Pump Make & Model:	QED SamplePro Bladder Pump w/ QED MP-15			**Duplicate Sample ID:**	–	**Sample Time:**	16:15

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
15:15	6.33	0.068	6.32	191.0	0.00	17.77	37.67	250	
15:20	6.19	0.070	4.84	207.0	0.00	18.62	37.60	160	
15:25	6.11	0.065	4.82	213.0	0.00	18.34	37.60	160	
15:30	6.12	0.063	4.63	210.0	0.00	18.14	37.62	160	
15:35	6.24	0.064	4.56	213.0	0.00	17.80	37.62	160	
15:40	6.29	0.064	4.54	214.0	0.00	17.48	37.62	160	
15:45	6.37	0.066	4.40	219.0	0.00	17.65	37.62	160	
15:50	6.31	0.068	9.71	221.0	0.00	17.75	37.63	160	
15:55	6.33	0.069	4.47	225.0	0.00	17.76	37.63	160	
16:00	6.36	0.069	4.33	227.0	0.00	17.80	37.63	160	
16:05	6.43	0.070	4.40	223.0	0.00	17.61	37.63	160	
16:10	6.36	0.071	4.32	230.0	0.00	17.67	37.63	160	
16:15	6.36	0.072	4.31	230.0	0.00	17.58	37.63	160	

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA	**Well ID:**	MW-11	**Well Depth (ft btoc):**	39
Project Number:	220240201	**Sampling Event:**	Aug. 2026 Groundwater Sampling	**Well Permit #:**	N/A	**Well Diameter (in.):**	4
Personnel:	Kelly McNicholas	**Weather:**	–	**Pump Intake Depth (ft btoc):**	41.4	**Screen Interval (ft btoc):**	19 to 39
Probe Model/Number:	Horiba U52 / U-50 Series	**Background PID (ppm):**	0.0	**Depth to Water Before Pump Install (ft btoc):**	39.68	**Sample ID:**	MW-11_081126
Probe Serial Number:	224381	**PID Beneath Inner Cap (ppm):**	0.0	**Ambient Pressure (in. Hg):**	–	**Sample Date:**	8/11/2026
Pump Make & Model:	QED SamplePro Bladder Pump w/ QED MP-15			**Duplicate Sample ID:**	–	**Sample Time:**	12:25

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
11:20	5.93	0.161	9.77	125.0	0.00	21.03	39.71	300	
11:25	5.88	0.104	4.86	129.0	0.00	18.46	39.71	300	
11:30	5.88	0.073	4.23	149.0	0.00	18.00	39.73	300	
11:35	5.82	0.067	4.30	158.0	0.00	17.88	39.73	300	
11:40	5.73	0.066	4.26	160.0	0.00	17.73	39.73	300	
11:45	5.76	0.064	4.31	164.0	0.00	17.69	39.73	300	
11:50	5.66	0.064	4.23	160.0	0.00	17.75	39.73	300	
11:55	5.66	0.064	4.41	181.0	0.00	17.81	39.74	300	
12:00	5.16	0.063	3.79	207.0	0.00	17.77	39.74	300	
12:05	5.12	0.063	3.87	210.0	0.00	17.69	39.74	300	
12:10	5.05	0.062	3.79	215.0	0.00	17.63	39.74	300	
12:15	5.02	0.062	3.70	217.0	0.00	17.70	39.74	300	
12:20	5.02	0.061	3.88	216.0	0.00	17.61	39.74	300	
12:25	5.05	0.061	4.05	219.0	0.00	17.84	39.74	300	

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA	**Well ID:**	MW-12	**Well Depth (ft btoc):**	15 ftbgs
Project Number:	220240201	**Sampling Event:**	Aug. 2026 Groundwater Sampling	**Well Permit #:**	N/A	**Well Diameter (in.):**	4
Personnel:	Karissa Malone	**Weather:**	Sunny 90	**Pump Intake Depth (ft btoc):**	12.5	**Screen Interval (ft btoc):**	3 to 15
Probe Model/Number:	Horiba U52 / U-50 Series	**Background PID (ppm):**	0.0	**Depth to Water Before Pump Install (ft btoc):**	9.97	**Sample ID:**	MW-12_081026
Probe Serial Number:	233649	**PID Beneath Inner Cap (ppm):**	0.0	**Ambient Pressure (in. Hg):**	--	**Sample Date:**	8/10/2026
Pump Make & Model:	QED SamplePro Bladder Pump w/ QED MP-15			**Duplicate Sample ID:**	DUP-1_081026	**Sample Time:**	13:10

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
12:35	6.40	0.197	1.33	179.0	6.00	19.09	9.97	200	
12:40	6.13	0.196	0.00	188.0	2.90	17.77	10.12	200	
12:45	5.89	0.198	0.00	194.0	0.00	17.99	10.14	150	
12:50	5.66	0.203	0.00	196.0	0.00	18.41	10.13	150	
12:55	5.67	0.204	0.00	197.0	0.00	18.44	10.14	150	
13:00	5.64	0.205	0.00	196.0	0.00	18.47	10.14	150	
13:05	5.63	0.207	0.00	196.0	0.00	18.50	10.14	150	
13:10	5.63	0.208	0.00	195.0	0.00	18.51	10.13	150	

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA	**Well ID:**	MW-16	**Well Depth (ft btoc):**	40
Project Number:	220240201	**Sampling Event:**	Aug. 2026 Groundwater Sampling	**Well Permit #:**	N/A	**Well Diameter (in.):**	4
Personnel:	Becky Lynch	**Weather:**	79 sunny	**Pump Intake Depth (ft btoc):**	36.0	**Screen Interval (ft btoc):**	15 - 40
Probe Model/Number:	Horiba U52 / U-50 Series	**Background PID (ppm):**	0.0	**Depth to Water Before Pump Install (ft btoc):**	27.55	**Sample ID:**	MW-16_081226
Probe Serial Number:	Horiba (48960)	**PID Beneath Inner Cap (ppm):**	0.1	**Ambient Pressure (in. Hg):**	29.88	**Sample Date:**	8/12/2026
Pump Make & Model:	QED SamplePro Bladder Pump w/ QED MP-15			**Duplicate Sample ID:**	DUP_081226_GW	**Sample Time:**	11:30

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
10:00	5.81	0.062	5.63	48.0	49.20	16.81	27.94	300	Clear
10:05	5.54	0.042	9.28	55.0	56.50	15.64	28.24	350	
10:10	5.05	0.041	8.56	73.0	52.70	15.33	28.40	320	
10:15	4.88	0.040	7.69	87.0	33.90	15.04	28.51	300	
10:20	4.96	0.040	7.21	79.0	28.70	14.93	28.60	320	
10:25	4.87	0.039	6.60	79.0	19.40	14.91	28.66	320	
10:30	4.72	0.039	6.11	94.0	18.70	14.80	28.72	300	
10:35	4.76	0.039	5.74	92.0	19.40	14.73	28.76	300	
10:40	4.97	0.040	0.88	75.0	19.50	15.30	28.73	300	
10:45	4.92	0.041	1.10	86.0	17.40	15.13	28.76	300	
10:50	4.96	0.042	1.18	77.0	24.70	15.04	28.78	280	
10:55	5.06	0.042	1.37	77.0	29.60	15.00	28.79	280	
11:00	5.09	0.043	1.47	75.0	24.50	15.14	28.80	280	
11:05	5.16	0.043	1.65	73.0	18.60	15.13	28.80	280	
11:10	5.16	0.043	1.79	78.0	20.70	15.05	28.80	280	
11:15	5.20	0.043	1.90	76.0	19.40	15.02	28.81	280	
11:20	5.11	0.044	1.97	77.0	17.60	15.20	28.81	280	
11:25	5.19	0.043	2.03	74.0	18.00	15.03	28.81	280	12 gallons purged

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA	**Well ID:**	MW-17	**Well Depth (ft btoc):**	21
Project Number:	220240201	**Sampling Event:**	Aug. 2026 Groundwater Sampling	**Well Permit #:**	N/A	**Well Diameter (in.):**	4
Personnel:	Sophie Meyer, Eme Sargent	**Weather:**	83, sunny	**Pump Intake Depth (ft btoc):**	14.7	**Screen Interval (ft btoc):**	4.5-19.5
Probe Model/Number:	Horiba U52 / U-50 Series	**Background PID (ppm):**	0.0	**Depth to Water Before Pump Install (ft btoc):**	7.52	**Sample ID:**	MW-17_08102026
Probe Serial Number:	35255	**PID Beneath Inner Cap (ppm):**	0.1	**Ambient Pressure (in. Hg):**	--	**Sample Date:**	8/10/2026
Pump Make & Model:	QED SamplePro Bladder Pump w/ QED MP-15			**Duplicate Sample ID:**	--	**Sample Time:**	12:20

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
11:45	5.71	0.130	1.80	140.0	26.90	19.10	7.55	115	
11:50	5.65	0.128	1.83	144.0	26.30	19.01	7.55	115	
11:55	5.60	0.126	1.74	149.0	23.30	19.18	7.55	115	
12:00	5.58	0.125	1.79	152.0	22.50	19.44	7.55	115	
12:05	5.55	0.124	1.78	154.0	21.30	19.69	7.55	115	
12:10	5.53	0.122	1.78	157.0	19.30	19.73	7.55	115	
12:15	5.51	0.121	1.75	156.0	19.40	20.05	7.55	115	
12:20	5.50	0.120	1.80	156.0	18.50	20.30	7.55	115	

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA	**Well ID:**	MW-18	**Well Depth (ft btoc):**	21.73
Project Number:	220240201	**Sampling Event:**	Aug. 2026 Groundwater Sampling	**Well Permit #:**	N/A	**Well Diameter (in.):**	4
Personnel:	Eme Sargent	**Weather:**	77, Cloudy	**Pump Intake Depth (ft btoc):**	13.8	**Screen Interval (ft btoc):**	5 to 20
Probe Model/Number:	Horiba U52 / U-50 Series	**Background PID (ppm):**	0.0	**Depth to Water Before Pump Install (ft btoc):**	5.82	**Sample ID:**	MW-18_081126
Probe Serial Number:	485709	**PID Beneath Inner Cap (ppm):**	0.0	**Ambient Pressure (in. Hg):**	29.90	**Sample Date:**	8/11/2026
Pump Make & Model:	QED SamplePro Bladder Pump w/ QED MP-15			**Duplicate Sample ID:**	–	**Sample Time:**	10:45

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
9:23	6.05	0.146	9.85	109.0	6.00	17.63	6.50	230	Clear, no odor
9:28	6.05	0.146	8.91	106.0	6.40	17.44	6.57	230	
9:33	6.05	0.146	7.99	103.0	7.40	17.20	6.63	230	
9:38	6.05	0.146	6.72	99.0	5.90	16.94	6.65	230	
9:43	6.02	0.146	5.97	97.0	5.90	16.74	6.68	230	
9:48	6.05	0.145	5.37	93.0	5.35	16.57	6.68	230	
9:53	6.06	0.146	4.90	89.0	4.50	16.34	6.68	230	
9:58	6.05	0.146	4.54	86.0	4.60	16.19	6.70	230	
10:03	6.05	0.146	4.26	83.0	4.70	16.11	6.69	230	
10:08	6.07	0.148	2.43	71.0	4.90	16.02	6.67	230	
10:13	6.07	0.148	2.20	72.0	5.20	15.95	6.67	230	
10:18	6.08	0.148	2.04	66.0	5.30	15.92	6.66	230	
10:23	6.09	0.149	1.88	62.0	6.90	15.90	6.64	230	
10:28	6.09	0.149	1.77	60.0	6.80	15.95	6.63	230	
10:33	6.09	0.149	1.67	56.0	7.40	15.81	6.64	230	
10:38	6.09	0.149	1.64	54.0	7.45	15.87	6.62	230	7 gallons of water purged

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA	**Well ID:**	MW-19	**Well Depth (ft btoc):**	30
Project Number:	220240201	**Sampling Event:**	Aug. 2026 Groundwater Sampling	**Well Permit #:**	N/A	**Well Diameter (in.):**	4
Personnel:	Kelley McNicholas, Hope Blair	**Weather:**	Sunny, 90s	**Pump Intake Depth (ft btoc):**	26.0	**Screen Interval (ft btoc):**	15-30
Probe Model/Number:	Horiba U52 / U-50 Series	**Background PID (ppm):**	0.1	**Depth to Water Before Pump Install (ft btoc):**	21.55	**Sample ID:**	MW-19_081026
Probe Serial Number:	48554	**PID Beneath Inner Cap (ppm):**	0.1	**Ambient Pressure (in. Hg):**	–	**Sample Date:**	8/10/2026
Pump Make & Model:	QED SamplePro Bladder Pump w/ QED MP-15			**Duplicate Sample ID:**	MS/MSD	**Sample Time:**	14:15

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
13:05	5.50	0.046	11.84	218.0	0.00	19.96	21.75	350	
13:10	5.41	0.038	11.04	216.0	0.00	19.23	21.74	50	
13:15	5.43	0.035	11.35	211.0	0.00	19.15	21.75	100	
13:20	5.45	0.032	10.91	219.0	0.00	18.64	21.65	100	
13:25	5.45	0.031	10.97	215.0	0.00	18.53	21.66	100	
13:30	5.46	0.030	10.72	213.0	0.00	18.44	21.66	100	
13:35	5.45	0.029	10.72	216.0	0.00	18.59	21.65	100	
13:40	5.44	0.029	10.83	218.0	4.10	18.11	21.66	100	
13:45	5.44	0.028	10.86	217.0	6.30	17.83	21.67	100	
13:50	5.45	0.028	11.00	222.0	4.60	17.58	21.67	100	
13:55	5.44	0.028	10.94	229.0	6.40	17.48	21.69	100	
14:00	5.44	0.028	10.95	230.0	6.80	17.41	21.69	100	
14:05	5.44	0.028	10.87	231.0	6.20	17.37	21.68	100	
14:10	5.44	0.028	10.96	233.0	6.20	17.43	21.69	100	

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA	**Well ID:**	MW-20	**Well Depth (ft btoc):**	20 ftbgs
Project Number:	220240201	**Sampling Event:**	Aug. 2026 Groundwater Sampling	**Well Permit #:**	N/A	**Well Diameter (in.):**	4
Personnel:	Karissa Malone	**Weather:**	Sunny 95	**Pump Intake Depth (ft btoc):**	15.75	**Screen Interval (ft btoc):**	5 to 20
Probe Model/Number:	Horiba U52 / U-50 Series	**Background PID (ppm):**	0.0	**Depth to Water Before Pump Install (ft btoc):**	11.5	**Sample ID:**	MW-20_081026
Probe Serial Number:	233649	**PID Beneath Inner Cap (ppm):**	0.0	**Ambient Pressure (in. Hg):**	--	**Sample Date:**	8/10/2026
Pump Make & Model:	QED SamplePro Bladder Pump w/ QED MP-15			**Duplicate Sample ID:**	N/A	**Sample Time:**	15:55

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
15:10	5.63	0.118	1.63	208.0	0.00	20.62	11.53	150	
15:15	5.19	0.113	1.02	228.0	0.00	16.53	11.53	150	
15:20	4.94	0.114	2.30	260.0	1.20	15.58	11.56	150	
15:25	4.87	0.114	3.88	265.0	2.30	15.54	11.59	150	
15:30	4.61	0.114	5.22	285.0	5.50	15.40	11.59	150	
15:35	4.45	0.114	5.09	298.0	5.20	15.41	11.59	150	
15:40	4.41	0.114	5.06	305.0	5.20	15.40	11.59	150	
15:45	4.39	0.114	5.05	308.0	5.20	15.39	11.59	150	
15:45	4.37	0.114	5.06	309.0	5.30	15.38	11.59	150	
15:50	4.37	0.114	5.04	309.0	5.10	15.23	11.59	150	
15:55	4.37	0.114	5.03	310.0	5.10	15.24	11.59	150	

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA	**Well ID:**	MW-21	**Well Depth (ft btoc):**	19 ftbgs
Project Number:	220240201	**Sampling Event:**	Aug. 2026 Groundwater Sampling	**Well Permit #:**	N/A	**Well Diameter (in.):**	4
Personnel:	Karissa Malone	**Weather:**		**Pump Intake Depth (ft btoc):**	15.4	**Screen Interval (ft btoc):**	5 to 19
Probe Model/Number:	Horiba U52 / U-50 Series	**Background PID (ppm):**	0.0	**Depth to Water Before Pump Install (ft btoc):**	11.72	**Sample ID:**	MW-21_081126
Probe Serial Number:	2.34E+05	**PID Beneath Inner Cap (ppm):**	0.4	**Ambient Pressure (in. Hg):**	–	**Sample Date:**	8/11/2026
Pump Make & Model:	QED SamplePro Bladder Pump w/ QED MP-15			**Duplicate Sample ID:**	N/A	**Sample Time:**	9:50

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
9:10	5.60	0.162	1.75	310.0	11.10	17.96	11.82	150	
9:15	5.62	0.151	1.07	308.0	10.80	17.01	11.82	150	
9:20	5.50	0.145	0.65	302.0	10.40	16.15	11.82	150	
9:25	5.42	0.143	0.59	298.0	9.60	16.19	11.84	150	
9:30	5.36	0.143	0.52	295.0	8.00	16.21	11.85	150	
9:35	5.27	0.143	0.42	290.0	8.20	16.25	11.88	150	
9:40	5.26	0.144	0.42	288.0	8.40	16.30	11.92	150	
9:45	5.26	0.144	0.44	284.0	8.30	16.34	11.96	150	
9:50	5.26	0.144	0.43	284.0	8.20	16.40	12.01	150	

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA	**Well ID:**	MW-22	**Well Depth (ft btoc):**	50
Project Number:	220240201	**Sampling Event:**	Aug. 2026 Groundwater Sampling	**Well Permit #:**	N/A	**Well Diameter (in.):**	4
Personnel:	Becky Lynch	**Weather:**	82 Sunny	**Pump Intake Depth (ft btoc):**	40.0	**Screen Interval (ft btoc):**	30 - 50
Probe Model/Number:	Horiba U52 / U-50 Series	**Background PID (ppm):**	0.0	**Depth to Water Before Pump Install (ft btoc):**	31.57	**Sample ID:**	MW-22_081326
Probe Serial Number:	48960	**PID Beneath Inner Cap (ppm):**	0.0	**Ambient Pressure (in. Hg):**	29.88	**Sample Date:**	8/13/2026
Pump Make & Model:	QED SamplePro Bladder Pump w/ QED MP-15			**Duplicate Sample ID:**	NA	**Sample Time:**	13:35

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
12:30	4.15	0.058	2.23	151.0	101.00	19.22	31.67	100	Clear
12:35	4.04	0.044	0.00	120.0	137.00	18.03	31.78	100	
12:40	3.91	0.056	0.00	119.0	153.00	17.56	31.83	100	
12:45	4.16	0.049	0.00	93.0	180.00	16.87	31.85	100	
12:50	3.99	0.058	0.00	90.0	182.00	16.57	31.85	100	
12:55	4.03	0.043	0.00	100.0	199.00	16.66	31.90	100	
13:00	4.28	0.034	0.00	94.0	234.00	17.14	31.88	100	
13:05	4.30	0.032	0.00	89.0	238.00	17.31	31.84	100	Slightly cloudy
13:10	4.32	0.051	0.00	88.0	225.00	17.10	31.84	100	
13:15	4.27	0.048	0.00	78.0	232.00	17.06	31.84	100	
13:20	4.34	0.044	0.00	85.0	212.00	17.33	31.84	100	
13:25	4.31	0.044	0.00	86.0	219.00	17.15	31.85	100	
13:30	4.33	0.044	0.00	88.0	218.00	16.98	31.84	100	3.5 gallons purged

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA	**Well ID:**	MW-24	**Well Depth (ft btoc):**	36
Project Number:	220240201	**Sampling Event:**	Aug. 2026 Groundwater Sampling	**Well Permit #:**	N/A	**Well Diameter (in.):**	4
Personnel:	Becky Lynch	**Weather:**	84 sunny	**Pump Intake Depth (ft btoc):**	31.0	**Screen Interval (ft btoc):**	15 - 36
Probe Model/Number:	Horiba U52 / U-50 Series	**Background PID (ppm):**	0.0	**Depth to Water Before Pump Install (ft btoc):**	26.28	**Sample ID:**	MW-24_081226
Probe Serial Number:	48960	**PID Beneath Inner Cap (ppm):**	0.0	**Ambient Pressure (in. Hg):**	29.84	**Sample Date:**	8/12/2026
Pump Make & Model:	QED SamplePro Bladder Pump w/ QED MP-15			**Duplicate Sample ID:**	NA	**Sample Time:**	14:55

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
14:15	5.24	0.048	4.16	103.0	1.50	25.22	26.39	120	Clear
14:20	4.85	0.047	3.93	114.0	0.00	22.31	26.43	140	
14:25	4.03	0.042	5.33	136.0	0.00	21.50	26.49	120	
14:30	3.92	0.041	5.16	142.0	0.00	21.45	26.53	120	
14:35	3.72	0.041	5.06	147.0	0.00	20.98	26.54	110	
14:40	3.73	0.041	4.93	151.0	0.00	21.30	26.56	120	
14:45	3.70	0.041	4.70	154.0	0.00	21.24	26.57	110	
14:50	3.69	0.041	4.67	157.0	0.00	21.33	26.58	110	0.5 gallon purged

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA	**Well ID:**	MW-26	**Well Depth (ft btoc):**	35
Project Number:	220240201	**Sampling Event:**	Aug. 2026 Groundwater Sampling	**Well Permit #:**	N/A	**Well Diameter (in.):**	4
Personnel:	Becky Lynch	**Weather:**	74 Sunny	**Pump Intake Depth (ft btoc):**	30.0	**Screen Interval (ft btoc):**	15 - 35
Probe Model/Number:	Horiba	**Background PID (ppm):**	0.0	**Depth to Water Before Pump Install (ft btoc):**	25.67	**Sample ID:**	MW-26_081326
Probe Serial Number:	48960	**PID Beneath Inner Cap (ppm):**	0.0	**Ambient Pressure (in. Hg):**	29.88	**Sample Date:**	8/13/2026
Pump Make & Model:	QED SamplePro Bladder Pump w/ QED MP-15			**Duplicate Sample ID:**	NA	**Sample Time:**	10:10

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
8:45	3.58	0.041	0.00	156.0	10.10	20.11	25.70	100	Clear
8:50	3.62	0.029	0.00	106.0	0.00	18.80	25.70	100	
8:55	3.67	0.024	0.00	94.0	0.00	18.85	25.70	100	
9:00	3.71	0.023	0.00	108.0	0.00	18.15	25.70	100	
9:05	3.74	0.024	0.00	83.0	0.00	18.39	25.70	100	
9:10	3.64	0.021	0.00	74.0	0.00	18.18	25.70	100	
9:15	3.78	0.019	0.00	70.0	0.00	18.52	25.70	100	
9:20	3.50	0.021	0.00	70.0	0.00	17.99	25.70	100	
9:25	3.52	0.020	0.00	62.0	0.00	18.12	25.70	100	
9:30	3.87	0.019	0.00	61.0	0.00	18.23	25.70	100	
9:35	3.82	0.027	0.00	58.0	0.00	18.23	25.70	100	
9:40	3.92	0.021	0.00	58.0	0.00	18.21	25.70	100	
9:45	3.96	0.027	0.00	53.0	0.00	18.28	25.70	100	
9:50	3.93	0.023	0.00	53.0	0.00	18.23	25.70	100	
9:55	3.86	0.022	0.00	52.0	0.00	18.43	25.70	100	
10:00	3.86	0.022	0.00	51.0	0.00	18.48	25.70	100	
10:05	3.88	0.022	0.00	50.0	0.00	18.51	25.70	100	Approximately 0.5 gallons purged

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA	**Well ID:**	MW-30	**Well Depth (ft btoc):**	24
Project Number:	220240201	**Sampling Event:**	Aug. 2026 Groundwater Sampling	**Well Permit #:**	N/A	**Well Diameter (in.):**	4
Personnel:	Sophie Meyer	**Weather:**	86, sunny	**Pump Intake Depth (ft btoc):**	20.9	**Screen Interval (ft btoc):**	9-24
Probe Model/Number:	Horiba U52 / U-50 Series	**Background PID (ppm):**	0.0	**Depth to Water Before Pump Install (ft btoc):**	17.82	**Sample ID:**	MW-30_081226
Probe Serial Number:	35255	**PID Beneath Inner Cap (ppm):**	435.4	**Ambient Pressure (in. Hg):**	–	**Sample Date:**	8/12/2026
Pump Make & Model:	QED SamplePro Bladder Pump w/ QED MP-15			**Duplicate Sample ID:**	–	**Sample Time:**	14:20

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
13:45	5.54	0.037	2.40	70.0	0.00	17.68	17.89	150	
13:50	5.56	0.037	0.55	68.0	0.00	16.70	17.90	150	
13:55	5.58	0.037	0.19	66.0	0.00	16.48	17.90	150	
14:00	5.59	0.036	0.04	65.0	0.00	16.41	17.90	150	
14:05	5.60	0.036	0.00	66.0	0.00	16.37	17.90	150	
14:10	5.62	0.036	0.00	68.0	0.00	16.39	17.90	150	
14:15	5.61	0.036	0.00	68.0	0.00	16.55	17.90	150	
14:20	5.62	0.036	0.00	68.0	0.00	16.70	17.90	150	

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA	**Well ID:**	MW-34	**Well Depth (ft btoc):**	20
Project Number:	220240201	**Sampling Event:**	Aug. 2026 Groundwater Sampling	**Well Permit #:**	N/A	**Well Diameter (in.):**	4
Personnel:	Sophie Meyer	**Weather:**	86, partly cloudy	**Pump Intake Depth (ft btoc):**	14.6	**Screen Interval (ft btoc):**	3-20
Probe Model/Number:	Horiba U52 / U-50 Series	**Background PID (ppm):**	0.0	**Depth to Water Before Pump Install (ft btoc):**	9.21	**Sample ID:**	MW-34_081126
Probe Serial Number:	35255	**PID Beneath Inner Cap (ppm):**	691.3	**Ambient Pressure (in. Hg):**	--	**Sample Date:**	8/11/2026
Pump Make & Model:	QED SamplePro Bladder Pump w/ QED MP-15			**Duplicate Sample ID:**	--	**Sample Time:**	13:47

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
12:50	6.13	0.109	2.04	1.0	0.00	20.71	9.55	175	Lower pressure produced no flow, minimum 175 to get any flow, could explain draw down
12:55	6.14	0.108	0.53	-2.0	0.00	20.45	9.69	175	
13:00	6.15	0.111	0.15	-4.0	0.00	20.36	9.75	175	
13:05	6.17	0.114	0.06	-6.0	0.00	20.02	9.78	175	
13:10	6.19	0.117	0.00	-9.0	0.00	19.97	9.83	175	
13:15	6.21	0.121	0.00	-11.0	0.00	19.99	9.84	175	
13:20	6.23	0.123	0.00	-11.0	0.00	19.60	9.85	175	
13:25	6.23	0.124	0.00	-11.0	0.00	19.57	9.85	175	
13:30	6.25	0.126	0.19	-10.0	0.00	19.33	9.85	175	DO jumped up, drawdown stabilized
13:35	6.26	0.127	0.24	-11.0	0.00	19.05	9.85	175	
13:40	6.26	0.128	0.24	-10.0	0.00	19.17	9.85	175	
13:45	6.27	0.128	0.24	-9.0	0.00	19.18	9.86	175	

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA		**Well ID:**	MW-36	**Well Depth (ft btoc):**	18
Project Number:	220240201	**Sampling Event:**	Aug. 2026 Groundwater Sampling		**Well Permit #:**	N/A	**Well Diameter (in.):**	4
Personnel:	Sophie Meyer	**Weather:**	74, cloudy		**Pump Intake Depth (ft btoc):**	12.7	**Screen Interval (ft btoc):**	5-18
Probe Model/Number:	Horiba U52 / U-50 Series	**Background PID (ppm):**	0.0	**Depth to Water Before Pump Install (ft btoc):**		7.38	**Sample ID:**	MW-34_081226
Probe Serial Number:	–	**PID Beneath Inner Cap (ppm):**	818.9		**Ambient Pressure (in. Hg):**	–	**Sample Date:**	8/12/2026
Pump Make & Model:	QED SamplePro Bladder Pump w/ QED MP-15				**Duplicate Sample ID:**	–	**Sample Time:**	9:20

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
8:35	5.39	0.055	2.25	209.0	28.50	20.55	7.44	115	Minor petroleum-like odor and mud/brown liquid coating gauge at first
8:40	5.08	0.051	0.68	221.0	20.00	19.87	7.45	115	
8:45	4.91	0.051	0.32	238.0	16.30	19.30	7.46	115	
8:50	4.83	0.051	0.16	250.0	3.83	19.40	7.46	115	Petroleum-like odor continued
8:55	4.78	0.051	0.03	257.0	28.60	19.01	7.46	115	
9:00	4.73	0.050	0.00	263.0	21.00	19.19	7.47	115	
9:05	4.69	0.050	0.00	268.0	14.40	19.02	7.45	115	
9:10	4.67	0.051	0.00	272.0	13.90	19.26	7.46	115	
9:15	4.64	0.050	0.00	277.0	14.40	19.30	7.46	115	
9:20	4.63	0.050	0.00	280.0	13.40	19.15	7.45	115	

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA	**Well ID:**	MW-37	**Well Depth (ft btoc):**	30
Project Number:	220240201	**Sampling Event:**	Aug. 2026 Groundwater Sampling	**Well Permit #:**	N/A	**Well Diameter (in.):**	4
Personnel:	Hope Blair	**Weather:**	90s, Sunny	**Pump Intake Depth (ft btoc):**	19.5	**Screen Interval (ft btoc):**	5 to 30
Probe Model/Number:	Horiba U52 / U-50 Series	**Background PID (ppm):**	0.0	**Depth to Water Before Pump Install (ft btoc):**	8.34	**Sample ID:**	MW-37_081126
Probe Serial Number:	43836	**PID Beneath Inner Cap (ppm):**	25.5	**Ambient Pressure (in. Hg):**	–	**Sample Date:**	8/11/2026
Pump Make & Model:	QED SamplePro Bladder Pump w/ QED MP-15			**Duplicate Sample ID:**	–	**Sample Time:**	17:50

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
16:35	4.74	0.020	4.82	328.0	0.00	18.94	8.52	200	
16:40	4.87	0.020	4.69	331.0	0.00	19.40	8.48	200	
16:45	5.01	0.019	4.73	323.0	0.00	18.87	8.49	200	
16:50	5.09	0.019	4.76	322.0	0.00	18.40	8.48	200	
16:55	5.17	0.018	4.81	319.0	0.00	18.10	8.49	200	
17:00	5.25	0.018	5.03	317.0	0.00	17.93	8.49	200	
17:05	5.26	0.018	4.91	316.0	0.00	17.86	8.49	200	
17:10	5.25	0.018	4.93	317.0	0.00	17.70	8.49	200	
17:15	5.41	0.017	4.96	311.0	2.90	17.53	8.50	200	
17:20	5.49	0.017	4.90	303.0	2.50	17.58	8.50	200	
17:25	5.48	0.017	4.90	300.0	2.40	17.64	8.50	200	
17:30	5.46	0.018	4.94	298.0	2.30	17.75	8.50	200	
17:35	5.47	0.018	4.89	298.0	2.20	17.82	8.50	200	
17:40	5.51	0.018	4.87	296.0	2.30	17.97	8.50	175	
17:45	5.51	0.018	4.89	294.0	1.70	17.72	8.50	175	

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA	**Well ID:**	MW-38	**Well Depth (ft btoc):**	17 ft bgs
Project Number:	220240201	**Sampling Event:**	Aug. 2026 Groundwater Sampling	**Well Permit #:**	N/A	**Well Diameter (in.):**	4
Personnel:	Karissa Malone	**Weather:**	--	**Pump Intake Depth (ft btoc):**	10.0	**Screen Interval (ft btoc):**	3 to 17
Probe Model/Number:	Horiba U52 / U-50 Series	**Background PID (ppm):**	0.0	**Depth to Water Before Pump Install (ft btoc):**	3.08	**Sample ID:**	MW-38_081126
Probe Serial Number:	233649	**PID Beneath Inner Cap (ppm):**	0.0	**Ambient Pressure (in. Hg):**	--	**Sample Date:**	8/11/2026
Pump Make & Model:	QED SamplePro Bladder Pump w/ QED MP-15			**Duplicate Sample ID:**	N/A	**Sample Time:**	12:40

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
11:40	5.85	0.060	0.83	188.0	57.90	22.05	3.08	150	
11:45	5.70	0.058	0.00	151.0	62.00	20.01	3.10	150	
11:50	5.67	0.058	0.00	146.0	54.00	21.76	3.13	150	
11:55	5.64	0.058	0.00	139.0	53.80	21.64	3.17	150	
12:00	5.59	0.058	0.00	137.0	52.90	21.60	3.18	150	
12:05	5.58	0.057	0.00	136.0	52.10	21.24	3.20	150	
12:10	5.58	0.057	0.00	136.0	49.60	21.13	3.20	150	
12:15	5.55	0.057	0.00	143.0	38.90	19.90	3.22	150	
12:20	5.53	0.057	0.00	144.0	39.00	19.94	3.23	150	
12:25	5.52	0.057	0.00	148.0	37.10	20.18	3.23	150	
12:30	5.52	0.057	0.00	145.0	35.60	20.36	3.24	150	
12:35	5.52	0.057	0.00	146.0	35.30	20.40	3.25	150	
12:40	5.52	0.057	0.00	145.0	35.10	20.45	3.26	150	

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA	**Well ID:**	MW-39	**Well Depth (ft btoc):**	25 ftbgs
Project Number:	220240201	**Sampling Event:**	Aug. 2026 Groundwater Sampling	**Well Permit #:**	N/A	**Well Diameter (in.):**	4
Personnel:	Karissa Malone	**Weather:**	–	**Pump Intake Depth (ft btoc):**	24.5	**Screen Interval (ft btoc):**	5 to 25
Probe Model/Number:	Horiba U52 / U-50 Series	**Background PID (ppm):**	0.0	**Depth to Water Before Pump Install (ft btoc):**	24.20	**Sample ID:**	MW-39_081226
Probe Serial Number:	233649	**PID Beneath Inner Cap (ppm):**	0.0	**Ambient Pressure (in. Hg):**	–	**Sample Date:**	8/12/2026
Pump Make & Model:	QED SamplePro Bladder Pump w/ QED MP-15			**Duplicate Sample ID:**	N/A	**Sample Time:**	12:10

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
11:30	5.37	0.037	6.92	236.0	45.70	24.45	24.21	150	Small water column, purged at 150 mL/Min. Well recharged nicely with lower flow rate
11:35	5.28	0.027	6.89	281.0	43.10	20.21	24.35	150	
11:40	5.22	0.026	6.33	295.0	44.10	20.48	24.36	150	
11:45	5.08	0.027	6.24	308.0	37.20	21.06	24.38	150	
11:50	5.06	0.027	6.36	319.0	27.60	21.33	24.35	150	
11:55	5.02	0.027	6.22	322.0	20.80	21.26	24.34	150	
12:00	5.00	0.027	6.19	330.0	21.36	21.26	24.35	150	
12:05	5.00	0.027	6.06	330.0	21.50	21.25	24.36	150	
12:10	5.01	0.027	6.23	331.0	21.00	21.17	24.36	150	

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA	**Well ID:**	MW-40	**Well Depth (ft btoc):**	20 ftbgs
Project Number:	220240201	**Sampling Event:**	Aug. 2026 Groundwater Sampling	**Well Permit #:**	N/A	**Well Diameter (in.):**	4
Personnel:	Karissa Malone	**Weather:**	–	**Pump Intake Depth (ft btoc):**	12.0	**Screen Interval (ft btoc):**	5 to 20
Probe Model/Number:	Horiba U52 / U-50 Series	**Background PID (ppm):**	0.0	**Depth to Water Before Pump Install (ft btoc):**	3.9	**Sample ID:**	MW-40_081126
Probe Serial Number:	233649	**PID Beneath Inner Cap (ppm):**	0.0	**Ambient Pressure (in. Hg):**	--	**Sample Date:**	8/11/2026
Pump Make & Model:	QED SamplePro Bladder Pump w/ QED MP-15			**Duplicate Sample ID:**	--	**Sample Time:**	16:00

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
15:05	6.11	0.051	3.64	235.0	26.00	25.81	3.91	150	
15:10	5.94	0.050	3.54	240.0	27.30	20.88	3.91	150	
15:15	5.61	0.050	3.53	240.0	29.00	20.97	3.92	150	
15:20	5.43	0.050	3.50	250.0	34.00	20.64	3.93	150	
15:25	5.27	0.050	3.42	260.0	37.20	20.63	3.93	150	
15:30	5.15	0.050	3.36	267.0	40.20	20.27	3.93	150	
15:35	5.06	0.050	3.32	270.0	46.40	20.31	3..93	150	
15:40	5.03	0.050	3.27	272.0	43.40	20.14	3..93	150	
15:45	5.04	0.049	2.86	274.0	39.10	20.26	3..93	150	
15:50	5.05	0.050	2.82	275.0	39.30	20.28	3..93	150	
15:55	5.04	0.050	2.78	275.0	39.00	20.33	3..93	150	
16:00	5.05	0.050	2.75	276.0	38.70	20.25	3..93	150	

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA		**Well ID:**	MW-41	**Well Depth (ft btoc):**	30 ftbgs
Project Number:	220240201	**Sampling Event:**	Aug. 2026 Groundwater Sampling		**Well Permit #:**	N/A	**Well Diameter (in.):**	4
Personnel:	Karissa Malone	**Weather:**	–		**Pump Intake Depth (ft btoc):**	33.0	**Screen Interval (ft btoc):**	5 to 30
Probe Model/Number:	Horiba U52 / U-50 Series	**Background PID (ppm):**	0.0		**Depth to Water Before Pump Install (ft btoc):**	29.23	**Sample ID:**	MW-41_081226
Probe Serial Number:	233649	**PID Beneath Inner Cap (ppm):**	0.2		**Ambient Pressure (in. Hg):**	–	**Sample Date:**	8/12/2026
Pump Make & Model:	QED SamplePro Bladder Pump w/ QED MP-15				**Duplicate Sample ID:**	N/A	**Sample Time:**	14:20

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
13:45	6.02	0.074	4.04	272.0	5.30	29.38	29.21	200	Smaller water column but good recharge
13:50	5.26	0.074	2.08	295.0	0.00	24.37	29.21	200	
13:55	4.99	0.075	2.11	307.0	0.00	20.34	29.21	200	
14:00	4.80	0.074	2.09	306.0	0.00	20.19	29.21	200	
14:05	4.69	0.074	2.06	303.0	0.00	20.21	29.21	200	
14:10	4.63	0.074	2.05	302.0	0.00	20.03	29.21	200	
14:15	4.61	0.074	2.07	301.0	0.00	19.95	29.21	200	
14:20	4.63	0.074	2.07	298.0	0.00	20.01	29.21	200	

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA	**Well ID:**	MW-42	**Well Depth (ft btoc):**	44 ftbgs
Project Number:	220240201	**Sampling Event:**	Aug. 2026 Groundwater Sampling	**Well Permit #:**	N/A	**Well Diameter (in.):**	4
Personnel:	Karissa Malone	**Weather:**	Sunny 75	**Pump Intake Depth (ft btoc):**	36.4	**Screen Interval (ft btoc):**	14 to 44
Probe Model/Number:	Horiba U52 / U-50 Series	**Background PID (ppm):**	0.0	**Depth to Water Before Pump Install (ft btoc):**	28.70	**Sample ID:**	MW-42_081326
Probe Serial Number:	233649	**PID Beneath Inner Cap (ppm):**	0.0	**Ambient Pressure (in. Hg):**	–	**Sample Date:**	8/13/2026
Pump Make & Model:	QED SamplePro Bladder Pump w/ QED MP-15			**Duplicate Sample ID:**	N/A	**Sample Time:**	9:25

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
8:45	5.69	0.122	4.66	270.0	0.00	23.20	28.70	200	
8:50	6.09	0.105	0.94	171.0	0.00	21.09	28.71	200	
8:55	6.15	0.091	0.00	115.0	0.00	20.34	28.72	200	
9:00	6.20	0.084	0.00	85.0	0.00	19.99	28.72	200	
9:05	6.21	0.082	0.00	70.0	0.00	19.74	28.74	200	
9:10	6.22	0.081	0.00	70.0	0.00	19.65	28.74	200	
9:15	6.23	0.080	0.00	61.0	0.00	19.73	28.74	200	
9:20	6.23	0.080	0.00	60.0	0.00	19.72	28.74	200	
9:25	6.23	0.080	0.00	61.0	0.00	19.80	28.74	200	

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA	**Well ID:**	MW-43	**Well Depth (ft btoc):**	40
Project Number:	220240201	**Sampling Event:**	Aug. 2026 Groundwater Sampling	**Well Permit #:**	N/A	**Well Diameter (in.):**	4
Personnel:	Hope Blair	**Weather:**	90s, Sunny	**Pump Intake Depth (ft btoc):**	24.5	**Screen Interval (ft btoc):**	5 to 40
Probe Model/Number:	Horiba U52 / U-50 Series	**Background PID (ppm):**	0.0	**Depth to Water Before Pump Install (ft btoc):**	8.69	**Sample ID:**	MW-43
Probe Serial Number:	43836	**PID Beneath Inner Cap (ppm):**	2.3	**Ambient Pressure (in. Hg):**	–	**Sample Date:**	8/12/2026
Pump Make & Model:	QED SamplePro Bladder Pump w/ QED MP-15			**Duplicate Sample ID:**	–	**Sample Time:**	13:55

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
10:55	5.45	0.033	9.39	278.0	36.70	19.90	8.80	200	
11:00	5.53	0.029	8.70	276.0	32.00	19.13	8.85	200	
11:05	5.61	0.027	6.71	270.0	35.00	17.27	8.92	225	
11:10	5.66	0.025	6.55	275.0	47.60	18.37	8.85	150	
Issues with filling flow cell. Replaced tubing, checked pump, and adjusted flow cell interval and pressure.									
12:15	5.82	0.028	5.91	263.0	64.00	17.37	9.04	500	
12:20	5.88	0.028	5.69	262.0	52.80	17.74	9.00	300	
12:25	5.93	0.028	5.45	261.0	64.10	18.83	8.96	175	
12:30	5.98	0.028	5.24	259.0	67.40	18.92	8.93	175	
12:35	6.00	0.028	5.40	258.0	75.80	18.55	8.93	200	
12:40	6.02	0.028	5.41	257.0	78.80	18.40	8.95	200	
12:45	6.03	0.028	5.39	255.0	72.00	18.44	8.94	200	
12:50	6.04	0.029	5.96	253.0	86.50	19.20	8.94	200	
12:55	6.05	0.029	5.54	253.0	78.40	18.39	8.94	200	
13:00	6.06	0.028	5.52	253.0	70.60	17.99	8.94	250	
13:05	6.07	0.028	5.51	253.0	74.20	18.07	8.94	225	Cleaned out flow cell due to high turbidity
13:10	6.15	0.028	5.68	225.0	73.80	18.70	8.94	225	
13:15	6.09	0.028	5.74	227.0	72.00	18.36	8.94	225	
13:20	6.09	0.028	5.86	237.0	70.90	17.78	8.94	225	
13:25	6.09	0.028	5.82	238.0	63.50	17.65	8.94	225	
13:30	6.10	0.028	5.77	240.0	60.70	17.56	8.94	225	
13:35	6.11	0.028	5.89	241.0	64.40	17.62	8.94	225	
13:40	6.11	0.028	5.97	242.0	56.50	17.50	8.94	225	
13:45	6.11	0.028	5.93	244.0	57.00	17.45	8.94	225	
13:50	6.10	0.028	6.04	244.0	52.40	17.37	8.94	225	
13:55	6.10	0.028	6.10	245.0	53.80	17.57	8.94	225	

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA		**Well ID:**	MW-44	**Well Depth (ft btoc):**	35
Project Number:	220240201	**Sampling Event:**	Aug. 2026 Groundwater Sampling		**Well Permit #:**	N/A	**Well Diameter (in.):**	4
Personnel:	Hope Blair	**Weather:**	90s, Sunny		**Pump Intake Depth (ft btoc):**	22.0	**Screen Interval (ft btoc):**	5-35
Probe Model/Number:	Horiba U52 / U-50 Series	**Background PID (ppm):**	0.1		**Depth to Water Before Pump Install (ft btoc):**	9.08	**Sample ID:**	MW-44_081226
Probe Serial Number:	43836	**PID Beneath Inner Cap (ppm):**	0.2		**Ambient Pressure (in. Hg):**	–	**Sample Date:**	8/12/2026
Pump Make & Model:	QED SamplePro Bladder Pump w/ QED MP-15				**Duplicate Sample ID:**	–	**Sample Time:**	15:35

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
14:55	5.68	0.037	7.26	263.0	0.00	16.51	9.25	400	
15:00	5.72	0.037	6.82	262.0	0.00	16.79	9.28	350	
15:05	5.76	0.037	6.38	268.0	0.00	17.10	9.24	200	
15:10	5.83	0.037	6.24	266.0	0.00	18.39	9.22	200	
15:15	5.83	0.037	6.23	267.0	0.00	18.34	9.20	200	
15:20	5.82	0.037	6.13	268.0	0.00	18.75	9.20	175	
15:25	5.80	0.036	6.34	270.0	0.00	18.73	9.20	175	
15:30	5.78	0.036	6.09	272.0	0.00	18.59	9.20	175	
15:35	5.77	0.036	6.07	272.0	0.00	18.55	9.20	175	

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA	**Well ID:**	MW-45	**Well Depth (ft btoc):**	21 ft bgs
Project Number:	220240201	**Sampling Event:**	Aug. 2026 Groundwater Sampling	**Well Permit #:**	N/A	**Well Diameter (in.):**	4
Personnel:	Karissa Malone	**Weather:**	--	**Pump Intake Depth (ft btoc):**	16.0	**Screen Interval (ft btoc):**	3 to 21
Probe Model/Number:	Horiba U52 / U-50 Series	**Background PID (ppm):**	0.0	**Depth to Water Before Pump Install (ft btoc):**	10.91	**Sample ID:**	MW-45_081226
Probe Serial Number:	233649	**PID Beneath Inner Cap (ppm):**	0.2	**Ambient Pressure (in. Hg):**	--	**Sample Date:**	8/12/2026
Pump Make & Model:	QED SamplePro Bladder Pump w/ QED MP-15			**Duplicate Sample ID:**	N/A	**Sample Time:**	9:30

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
8:50	6.27	0.198	4.08	-11.0	26.10	19.43	10.97	200	
8:55	6.15	0.179	1.64	-70.0	7.80	18.94	11.20	200	
9:00	6.11	0.178	1.52	-74.0	1.50	18.83	11.20	150	
9:05	6.07	0.176	1.87	-75.0	1.39	18.57	11.20	150	
9:10	6.02	0.175	1.82	-77.0	0.00	18.31	11.21	150	
9:15	6.00	0.175	1.28	-77.0	0.00	18.13	11.20	150	
9:20	5.99	0.175	1.31	-77.0	0.00	18.01	11.21	150	
9:25	6.00	0.175	1.34	-78.0	0.00	17.99	11.21	150	
9:30	6.00	0.174	1.30	-77.0	0.00	17.95	11.21	150	

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA	**Well ID:**	MW-46	**Well Depth (ft btoc):**	30
Project Number:	220240201	**Sampling Event:**	Aug. 2026 Groundwater Sampling	**Well Permit #:**	N/A	**Well Diameter (in.):**	4
Personnel:	Hope Blair	**Weather:**	80s, Sunny	**Pump Intake Depth (ft btoc):**	20.5	**Screen Interval (ft btoc):**	5 to 30
Probe Model/Number:	Horiba U52 / U-50 Series	**Background PID (ppm):**	0.0	**Depth to Water Before Pump Install (ft btoc):**	10.01	**Sample ID:**	MW-46_081326
Probe Serial Number:	43836	**PID Beneath Inner Cap (ppm):**	60.5	**Ambient Pressure (in. Hg):**	–	**Sample Date:**	8/13/2026
Pump Make & Model:	QED SamplePro Bladder Pump w/ QED MP-15			**Duplicate Sample ID:**	–	**Sample Time:**	9:45

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
8:40	5.64	0.042	6.99	266.0	0.00	17.03	10.12	350	
8:45	5.36	0.038	6.20	256.0	0.00	17.08	10.20	200	
8:50	5.90	0.038	6.09	247.0	0.00	19.28	10.07	75	
8:55	6.02	0.038	6.08	238.0	0.00	18.56	10.12	150	
9:00	6.07	0.038	6.10	232.0	0.00	18.57	10.12	200	
9:05	6.10	0.038	5.83	230.0	0.00	18.35	10.14	200	
9:10	6.10	0.038	5.93	228.0	0.00	19.24	10.12	150	
9:15	6.29	0.042	4.87	221.0	0.00	19.71	10.10	150	
9:20	6.37	0.044	4.82	215.0	0.00	19.67	10.08	200	
9:25	6.39	0.044	4.62	214.0	0.00	18.50	10.15	200	
9:30	6.37	0.044	4.49	212.0	0.00	19.47	10.12	150	
9:35	6.41	0.045	4.40	208.0	0.00	19.86	10.14	150	
9:40	6.42	0.045	4.34	206.0	0.00	20.01	10.11	150	
9:45	6.43	0.045	4.31	204.0	0.00	20.14	10.11	150	

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA	**Well ID:**	MW-49	**Well Depth (ft btoc):**	28.96
Project Number:	220240201	**Sampling Event:**	Aug. 2026 Groundwater Sampling	**Well Permit #:**	N/A	**Well Diameter (in.):**	4
Personnel:	Eme Sargent	**Weather:**	85, Sunny	**Pump Intake Depth (ft btoc):**	19.5	**Screen Interval (ft btoc):**	6 to 26
Probe Model/Number:	Horiba U52 / U-50 Series	**Background PID (ppm):**	0.0	**Depth to Water Before Pump Install (ft btoc):**	9.99	**Sample ID:**	MW-49_081226
Probe Serial Number:	485709	**PID Beneath Inner Cap (ppm):**	0.0	**Ambient Pressure (in. Hg):**	29.84	**Sample Date:**	8/12/2026
Pump Make & Model:	QED SamplePro Bladder Pump w/ QED MP-15			**Duplicate Sample ID:**	–	**Sample Time:**	15:25

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
14:33	6.12	0.140	1.79	125.0	8.40	17.17	10.19	150	Clear, no odor
14:38	6.37	0.139	1.80	100.0	9.20	17.40	10.15	150	
14:43	6.43	0.141	1.85	98.0	6.50	17.10	10.12	150	
14:48	6.46	0.142	1.95	97.0	5.70	16.72	10.12	150	
14:53	6.46	0.142	2.01	100.0	4.80	16.31	10.12	150	
14:58	6.45	0.142	2.15	102.0	8.50	16.37	10.11	150	
15:03	6.43	0.144	2.26	104.0	5.10	15.99	10.12	150	
15:08	6.43	0.143	2.27	104.0	5.00	15.77	10.12	150	
15:13	6.43	0.143	2.28	101.0	4.60	15.73	10.12	150	Purged 2 gallons of water

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA	**Well ID:**	MW-50	**Well Depth (ft btoc):**	27.39
Project Number:	220240201	**Sampling Event:**	Aug. 2026 Groundwater Sampling	**Well Permit #:**	N/A	**Well Diameter (in.):**	4
Personnel:	Eme Sargent	**Weather:**	82, Sunny	**Pump Intake Depth (ft btoc):**	19.0	**Screen Interval (ft btoc):**	5 to 25
Probe Model/Number:	Horiba U52 / U-50 Series	**Background PID (ppm):**	0.0	**Depth to Water Before Pump Install (ft btoc):**	10.55	**Sample ID:**	MW-50_081226
Probe Serial Number:	485709	**PID Beneath Inner Cap (ppm):**	0.1	**Ambient Pressure (in. Hg):**	29.87	**Sample Date:**	8/12/2026
Pump Make & Model:	QED SamplePro Bladder Pump w/ QED MP-15			**Duplicate Sample ID:**	–	**Sample Time:**	12:50

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
12:05	6.36	0.166	1.32	0.2	9.30	18.33	11.07	266	Clear, no odor
12:10	6.30	0.167	0.50	112.0	27.90	17.21	11.14	266	
12:15	6.32	0.167	0.39	110.0	25.80	16.80	11.18	266	
12:20	6.28	0.163	0.42	115.0	15.40	16.83	11.19	266	
12:25	6.25	0.163	0.42	117.0	4.60	16.58	11.18	266	
12:30	6.25	0.162	0.46	116.0	3.60	16.74	11.16	266	
12:35	6.23	0.160	0.59	115.0	3.60	16.78	11.15	266	
12:40	6.21	0.158	0.62	116.0	2.80	16.82	11.15	266	
12:45	6.19	0.156	0.64	115.0	3.40	16.95	11.13	266	Purged 4 gallons of water

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA	**Well ID:**	MW-51	**Well Depth (ft btoc):**	27.64
Project Number:	220240201	**Sampling Event:**	Aug. 2026 Groundwater Sampling	**Well Permit #:**	N/A	**Well Diameter (in.):**	4
Personnel:	Eme Sargent	**Weather:**	74, Sunny	**Pump Intake Depth (ft btoc):**	18.85	**Screen Interval (ft btoc):**	5 to 25
Probe Model/Number:	Horiba U52 / U-50 Series	**Background PID (ppm):**	0.0	**Depth to Water Before Pump Install (ft btoc):**	10.06	**Sample ID:**	MW-51_081326
Probe Serial Number:	485709	**PID Beneath Inner Cap (ppm):**	0.0	**Ambient Pressure (in. Hg):**	29.87	**Sample Date:**	8/13/2026
Pump Make & Model:	QED SamplePro Bladder Pump w/ QED MP-15			**Duplicate Sample ID:**	–	**Sample Time:**	10:50

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
8:40	6.22	0.136	4.44	125.0	14.00	14.25	10.54	250	Slightly turbid, no odor
8:45	6.24	0.134	4.14	125.0	70.00	14.14	10.84	250	
8:50	6.27	0.134	3.99	130.0	173.00	13.95	11.06	250	
8:55	6.29	0.134	3.79	125.0	223.00	13.91	11.28	250	
9:00	6.30	0.134	3.71	125.0	201.00	13.80	11.41	250	
9:05	6.77	0.180	5.72	137.0	275.00	14.76	11.65	250	Cleaned out the flow-through cell due to high turbidity readings
9:10	6.30	0.134	3.81	143.0	431.00	13.92	11.81	250	
9:15	6.31	0.134	3.33	139.0	350.00	13.85	11.96	250	
9:20	6.31	0.134	3.51	139.0	240.00	13.80	12.10	250	
9:25	6.29	0.134	3.42	139.0	136.00	13.87	12.23	250	
9:30	6.29	0.135	3.39	138.0	124.00	13.96	12.31	250	
9:35	6.28	0.138	3.34	138.0	125.00	14.03	12.42	250	6 gallon of water purged

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA	**Well ID:**	MW-52	**Well Depth (ft btoc):**	45
Project Number:	220240201	**Sampling Event:**	Aug. 2026 Groundwater Sampling	**Well Permit #:**	N/A	**Well Diameter (in.):**	4
Personnel:	Kelly McNicholas	**Weather:**	Cloudy, 70s	**Pump Intake Depth (ft btoc):**	39.0	**Screen Interval (ft btoc):**	20-45
Probe Model/Number:	Horiba U52 / U-50 Series	**Background PID (ppm):**	0.1	**Depth to Water Before Pump Install (ft btoc):**	33.54	**Sample ID:**	MW-52_081226
Probe Serial Number:	233639	**PID Beneath Inner Cap (ppm):**	0.1	**Ambient Pressure (in. Hg):**	–	**Sample Date:**	8/12/2026
Pump Make & Model:	QED SamplePro Bladder Pump w/ QED MP-15			**Duplicate Sample ID:**	–	**Sample Time:**	9:15

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
8:40	5.78	0.107	11.25	245.0	6.10	18.56	33.64	200	
8:45	6.09	0.061	8.88	240.0	5.50	16.21	33.64	200	
8:50	6.16	0.048	8.46	242.0	0.50	15.45	33.65	200	
8:55	6.18	0.047	8.04	242.0	0.00	15.32	33.65	200	
9:00	6.17	0.047	8.05	245.0	0.00	15.30	33.65	200	
9:05	6.20	0.047	7.75	245.0	0.00	15.32	33.65	200	
9:10	6.22	0.047	8.03	245.0	0.00	15.25	33.65	200	
9:15	6.18	0.047	7.92	246.0	0.00	15.31	33.65	200	

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA	**Well ID:**	MW-53	**Well Depth (ft btoc):**	20
Project Number:	220240201	**Sampling Event:**	Aug. 2026 Groundwater Sampling	**Well Permit #:**	N/A	**Well Diameter (in.):**	4
Personnel:	Luke Merril, Nicolas Buzzanco	**Weather:**	Partly Cloudy, 80 F	**Pump Intake Depth (ft btoc):**	10.0	**Screen Interval (ft btoc):**	2 to 18
Probe Model/Number:	Horiba U52 / U-50 Series	**Background PID (ppm):**	0.0	**Depth to Water Before Pump Install (ft btoc):**	3.98	**Sample ID:**	MW-53_081326
Probe Serial Number:	21658	**PID Beneath Inner Cap (ppm):**	105.0	**Ambient Pressure (in. Hg):**	29.87	**Sample Date:**	8/13/2026
Pump Make & Model:	QED SamplePro Bladder Pump w/ QED MP-15			**Duplicate Sample ID:**	–	**Sample Time:**	11:30

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
10:50	6.81	0.108	1.50	96.0	11.10	20.47	4.24	250	Pump turned on at 10:45
10:55	6.75	0.105	0.28	93.0	12.00	20.85	4.28	90	
11:00	6.73	0.107	0.26	96.0	11.40	20.91	4.24	90	
11:05	6.74	0.107	0.25	98.0	11.50	21.13	4.21	90	
11:10	6.74	0.107	0.24	100.0	13.10	21.40	4.18	90	
11:15	6.74	0.107	0.22	102.0	13.10	21.46	4.15	90	
11:20	6.74	0.107	0.21	103.0	13.10	21.53	4.13	90	
11:25	6.74	0.107	0.20	103.0	12.50	21.60	4.10	90	

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA	**Well ID:**	MW-54	**Well Depth (ft btoc):**	30
Project Number:	220240201	**Sampling Event:**	Aug. 2026 Groundwater Sampling	**Well Permit #:**	N/A	**Well Diameter (in.):**	4
Personnel:	Sophie Meyer	**Weather:**	74, Sunny	**Pump Intake Depth (ft btoc):**	20.0	**Screen Interval (ft btoc):**	5-30
Probe Model/Number:	Horiba U52 / U-50 Series	**Background PID (ppm):**	0.0	**Depth to Water Before Pump Install (ft btoc):**	9.76	**Sample ID:**	NW-54_081326
Probe Serial Number:	35255	**PID Beneath Inner Cap (ppm):**	1.0	**Ambient Pressure (in. Hg):**	--	**Sample Date:**	8/13/2026
Pump Make & Model:	QED SamplePro Bladder Pump w/ QED MP-15			**Duplicate Sample ID:**	--	**Sample Time:**	10:25

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
9:30	5.92	0.096	0.29	41.0	49.00	22.54	9.86	130	Had to exchange gauge after 3 readings due to battery issues, paused purging in between
9:35	5.92	0.093	0.00	43.0	91.70	21.83	9.92	130	
9:40	5.94	0.095	0.00	38.0	84.10	19.08	10.04	130	
9:45	5.93	0.095	0.00	38.0	63.20	18.64	10.05	130	
9:50	5.94	0.096	0.00	37.0	54.50	18.38	10.10	130	Drawdown over 0.3, lower pressure gave no flow
9:55	5.92	0.096	0.00	36.0	54.50	18.39	10.10	130	
10:00	5.92	0.097	0.00	35.0	43.20	18.64	10.11	130	
10:05	5.93	0.098	0.00	34.0	42.30	18.18	10.12	130	
10:10	5.93	0.098	0.00	34.0	33.50	18.56	10.13	130	
10:15	5.94	0.098	0.00	34.0	35.00	18.48	10.13	130	
10:20	5.93	0.098	0.00	34.0	33.20	18.41	10.13	130	
10:25	5.94	0.099	0.00	33.0	32.40	18.52	10.11	130	

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA	**Well ID:**	MW-55	**Well Depth (ft btoc):**	27.48
Project Number:	220240201	**Sampling Event:**	Aug. 2026 Groundwater Sampling	**Well Permit #:**	N/A	**Well Diameter (in.):**	4
Personnel:	Eme Sargent	**Weather:**	80, Cloudy	**Pump Intake Depth (ft btoc):**	15.5	**Screen Interval (ft btoc):**	5 to 25
Probe Model/Number:	Horiba U52 / U-50 Series	**Background PID (ppm):**	0.0	**Depth to Water Before Pump Install (ft btoc):**	4.48	**Sample ID:**	MW-55_081326
Probe Serial Number:	485709	**PID Beneath Inner Cap (ppm):**	0.1	**Ambient Pressure (in. Hg):**	29.88	**Sample Date:**	8/14/2026
Pump Make & Model:	QED SamplePro Bladder Pump w/ QED MP-15			**Duplicate Sample ID:**	–	**Sample Time:**	12:45

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
11:40	5.26	0.121	1.04	236.0	28.90	17.69	4.93	266	Clear, no odor
11:45	5.20	0.120	0.61	236.0	30.80	17.15	5.06	266	
11:50	5.18	0.121	0.53	239.0	24.10	17.06	5.15	266	
11:55	5.17	0.121	0.48	242.0	22.90	16.92	5.22	266	
12:00	5.16	0.121	0.40	244.0	20.40	16.85	5.25	266	
12:05	5.16	0.121	0.38	244.0	17.50	16.92	5.29	266	
12:10	5.16	0.121	0.42	236.0	16.30	16.82	5.30	266	
12:15	5.16	0.122	0.40	234.0	13.10	16.75	5.30	266	
12:20	5.17	0.122	0.36	233.0	15.20	16.73	5.30	266	
12:25	5.17	0.122	0.33	232.0	12.00	16.55	5.31	266	
12:30	5.18	0.123	0.32	231.0	12.20	16.47	5.33	266	
12:35	5.19	0.123	0.31	230.0	12.00	16.52	5.34	266	Purged 6 gallons of water

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA	**Well ID:**	MW-57	**Well Depth (ft btoc):**	24
Project Number:	220240201	**Sampling Event:**	Aug. 2026 Groundwater Sampling	**Well Permit #:**	N/A	**Well Diameter (in.):**	4
Personnel:	Luke Merril, Nicolas Buzzanco	**Weather:**	Partly Cloudy, 84 F	**Pump Intake Depth (ft btoc):**	15.0	**Screen Interval (ft btoc):**	5 to 22.5
Probe Model/Number:	Horiba U52 / U-50 Series	**Background PID (ppm):**	0.0	**Depth to Water Before Pump Install (ft btoc):**	4.94	**Sample ID:**	MW-57_081326
Probe Serial Number:	21658	**PID Beneath Inner Cap (ppm):**	0.2	**Ambient Pressure (in. Hg):**	29.87	**Sample Date:**	8/13/2026
Pump Make & Model:	QED SamplePro Bladder Pump w/ QED MP-15			**Duplicate Sample ID:**	–	**Sample Time:**	14:45

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
13:55	6.53	0.099	1.21	72.0	8.60	23.45	5.05	110	Pump turned on at 13:50
14:00	6.50	0.103	0.55	106.0	5.90	22.82	5.08	110	Slight yellow color
14:05	6.45	0.107	0.27	104.0	9.70	22.05	5.07	90	
14:10	6.44	0.109	0.23	102.0	10.50	21.83	5.06	90	
14:15	6.44	0.109	0.21	102.0	8.00	21.55	5.05	90	
14:20	6.45	0.108	0.20	103.0	8.60	21.37	5.04	90	
14:25	6.45	0.107	0.20	104.0	9.50	21.36	5.04	90	
14:30	6.46	0.106	0.19	106.0	6.50	21.44	5.03	90	
14:35	6.46	0.105	0.19	108.0	6.40	21.60	5.03	90	
14:40	6.46	0.104	0.20	109.0	6.60	21.47	5.02	90	

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA	**Well ID:**	MW-58	**Well Depth (ft btoc):**	30
Project Number:	220240201	**Sampling Event:**	Aug. 2026 Groundwater Sampling	**Well Permit #:**	N/A	**Well Diameter (in.):**	4
Personnel:	Sophie Meyer	**Weather:**	86, partly cloudy	**Pump Intake Depth (ft btoc):**	22.0	**Screen Interval (ft btoc):**	5-30
Probe Model/Number:	Horiba U52 / U-50 Series	**Background PID (ppm):**	1.8	**Depth to Water Before Pump Install (ft btoc):**	12.33	**Sample ID:**	MW-58_081326
Probe Serial Number:	35255	**PID Beneath Inner Cap (ppm):**	817.9	**Ambient Pressure (in. Hg):**	--	**Sample Date:**	8/13/2026
Pump Make & Model:	QED SamplePro Bladder Pump w/ QED MP-15			**Duplicate Sample ID:**	MS/MSD	**Sample Time:**	14:40

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
12:30	5.76	0.042	7.67	112.0	116.00	19.10	12.38	160	
12:35	5.73	0.042	6.38	109.0	100.00	18.35	12.39	160	
12:40	5.73	0.042	5.21	107.0	75.70	17.45	12.39	160	
12:45	5.72	0.042	4.45	107.0	65.60	17.27	12.39	160	
12:50	5.72	0.043	3.90	105.0	55.90	17.04	12.39	160	
12:55	5.71	0.043	3.50	103.0	48.20	17.00	12.39	160	
13:00	5.72	0.043	3.00	100.0	39.90	16.95	12.39	160	
13:05	5.72	0.043	2.79	101.0	30.70	16.79	12.39	160	
13:10	5.70	0.043	2.48	101.0	24.70	16.69	12.39	160	
13:15	5.73	0.043	2.18	99.0	20.30	16.94	12.39	160	
13:20	5.72	0.043	1.80	98.0	16.10	17.10	12.39	160	
13:25	5.73	0.043	1.71	97.0	13.50	16.88	12.39	160	
13:30	5.72	0.042	1.51	97.0	11.30	16.74	12.39	160	
13:35	5.71	0.043	1.36	94.0	11.10	16.74	12.39	160	
13:40	5.72	0.043	1.13	91.0	6.30	16.92	12.39	160	
13:45	5.70	0.043	0.98	89.0	4.90	17.09	12.39	160	
13:50	5.71	0.043	0.75	82.0	4.80	17.08	12.39	160	
13:55	5.70	0.043	0.73	83.0	3.20	17.02	12.39	160	
14:00	5.72	0.042	0.58	78.0	0.80	16.79	12.39	160	
14:05	5.71	0.042	0.45	74.0	0.00	16.76	12.39	160	
14:10	5.70	0.042	0.39	70.0	0.00	16.94	12.39	160	
14:15	5.71	0.042	0.28	65.0	0.00	17.07	12.39	160	
14:20	5.71	0.042	0.11	62.0	0.00	17.17	12.39	160	
14:25	5.70	0.042	0.00	58.0	0.00	17.29	12.39	160	
14:30	5.72	0.042	0.00	54.0	0.00	17.47	12.39	160	
14:35	5.72	0.042	0.00	50.0	0.00	17.45	12.39	160	

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA	**Well ID:**	MW-59	**Well Depth (ft btoc):**	30 ftbgs
Project Number:	220240201	**Sampling Event:**	Aug. 2026 Groundwater Sampling	**Well Permit #:**	N/A	**Well Diameter (in.):**	4
Personnel:	Karissa Malone	**Weather:**	–	**Pump Intake Depth (ft btoc):**	15.7	**Screen Interval (ft btoc):**	5 to 25
Probe Model/Number:	Horiba U52 / U-50 Series	**Background PID (ppm):**	0.0	**Depth to Water Before Pump Install (ft btoc):**	6.39	**Sample ID:**	MW-59_081326
Probe Serial Number:	233649	**PID Beneath Inner Cap (ppm):**	1.6	**Ambient Pressure (in. Hg):**	–	**Sample Date:**	8/13/2026
Pump Make & Model:	QED SamplePro Bladder Pump w/ QED MP-15			**Duplicate Sample ID:**	N/A	**Sample Time:**	12:30

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
11:30	6.40	0.123	4.75	4.0	0.00	25.36	6.38	200	
11:35	6.30	0.128	3.12	-12.0	0.00	21.58	6.47	200	
11:40	6.21	0.131	1.10	-19.0	0.00	17.61	6.52	200	
11:45	6.06	0.132	0.37	-13.0	0.00	17.30	6.58	200	
11:50	5.96	0.133	0.23	-9.0	0.00	16.90	6.59	200	
11:55	5.73	0.133	0.10	3.0	0.00	16.92	6.59	200	
12:00	5.66	0.133	0.07	6.0	0.00	16.83	6.58	200	
12:05	5.57	0.133	0.06	9.0	0.00	16.95	6.58	200	
12:10	5.51	0.133	0.07	12.0	0.00	16.87	6.59	200	
12:15	5.46	0.132	0.00	14.0	0.00	16.75	6.59	200	
12:20	5.45	0.132	0.00	14.0	0.00	16.87	6.59	200	
12:25	5.46	0.131	0.00	15.0	0.00	17.00	6.59	200	
12:30	5.45	0.131	0.00	14.0	0.00	16.91	6.59	200	

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA	**Well ID:**	MW-62	**Well Depth (ft btoc):**	27.85
Project Number:	220240201	**Sampling Event:**	Aug. 2026 Groundwater Sampling	**Well Permit #:**	N/A	**Well Diameter (in.):**	4
Personnel:	Eme Sargent	**Weather:**	77, Sunny	**Pump Intake Depth (ft btoc):**	17.5	**Screen Interval (ft btoc):**	5 to 25
Probe Model/Number:	Horiba U52 / U-50 Series	**Background PID (ppm):**	0.0	**Depth to Water Before Pump Install (ft btoc):**	7.34	**Sample ID:**	MW-62_081226
Probe Serial Number:	485709	**PID Beneath Inner Cap (ppm):**	0.1	**Ambient Pressure (in. Hg):**	29.87	**Sample Date:**	8/12/2026
Pump Make & Model:	QED SamplePro Bladder Pump w/ QED MP-15			**Duplicate Sample ID:**		**Sample Time:**	10:00

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
9:20	5.84	0.148	0.40	159.0	11.90	17.62	7.71	225	Clear, no odor
9:25	5.83	0.144	0.00	154.0	15.20	16.55	7.88	225	
9:30	5.82	0.144	0.00	157.0	17.20	16.10	8.11	225	
9:35	5.85	0.144	0.00	160.0	11.60	16.06	8.27	225	
9:40	5.88	0.145	0.00	155.0	9.40	15.88	8.44	225	
9:45	5.90	0.145	0.00	152.0	7.90	15.83	8.56	225	
9:50	5.95	0.145	0.00	146.0	7.40	15.70	8.65	225	
9:55	6.00	0.144	0.00	145.0	5.90	15.68	8.75	225	Purged 3 gallons of water

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA	**Well ID:**	MW-65	**Well Depth (ft btoc):**	33
Project Number:	220240201	**Sampling Event:**	Aug. 2026 Groundwater Sampling	**Well Permit #:**	N/A	**Well Diameter (in.):**	4
Personnel:	Hope Blair	**Weather:**	90s, Sunny	**Pump Intake Depth (ft btoc):**	42.0	**Screen Interval (ft btoc):**	25 to 50
Probe Model/Number:	Horiba U52 / U-50 Series	**Background PID (ppm):**	0.0	**Depth to Water Before Pump Install (ft btoc):**	32.63	**Sample ID:**	MW-65_081326
Probe Serial Number:	43836	**PID Beneath Inner Cap (ppm):**	173.0	**Ambient Pressure (in. Hg):**	–	**Sample Date:**	8/13/2026
Pump Make & Model:	QED SamplePro Bladder Pump w/ QED MP-15			**Duplicate Sample ID:**	–	**Sample Time:**	13:15

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
11:55	6.21	0.029	0.82	100.0	0.00	16.29	32.64	500	
12:00	6.21	0.029	0.21	87.0	0.00	16.46	32.63	350	
12:05	6.26	0.028	0.20	80.0	0.00	17.88	32.63	250	
12:10	6.28	0.029	0.18	79.0	0.00	17.31	32.63	200	
12:15	6.27	0.029	0.16	78.0	0.00	17.18	32.63	200	
12:20	6.27	0.029	0.09	77.0	0.00	17.03	32.63	200	
12:25	6.27	0.029	0.08	76.0	0.00	16.86	32.63	200	
12:30	6.29	0.029	0.00	78.0	0.00	16.74	32.63		Compressor tank ran out of pressure. Tank swapped out.
12:40	6.26	0.029	0.17	76.0	0.00	17.00	32.63	100	
12:45	6.25	0.029	0.07	80.0	0.00	16.49	32.63	200	
12:50	6.25	0.029	0.08	80.0	0.00	16.44	32.62	250	
12:55	6.23	0.029	0.00	79.0	0.00	17.18	32.62	150	
13:00	6.23	0.029	0.00	78.0	0.00	17.19	32.62	150	
13:05	6.25	0.029	0.00	78.0	0.00	16.95	32.63	200	
13:10	6.23	0.029	0.00	78.0	0.00	17.00	32.63	200	

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA	**Well ID:**	MW-67	**Well Depth (ft btoc):**	50
Project Number:	220240201	**Sampling Event:**	Aug. 2026 Groundwater Sampling	**Well Permit #:**	N/A	**Well Diameter (in.):**	4
Personnel:	Becky Lynch	**Weather:**	86 Sunny	**Pump Intake Depth (ft btoc):**	40.0	**Screen Interval (ft btoc):**	20 - 50
Probe Model/Number:	Horiba U52 / U-50 Series	**Background PID (ppm):**	0.0	**Depth to Water Before Pump Install (ft btoc):**	32.60	**Sample ID:**	MW-67_081326
Probe Serial Number:	48960.00	**PID Beneath Inner Cap (ppm):**	63.1	**Ambient Pressure (in. Hg):**	29.87	**Sample Date:**	8/13/2026
Pump Make & Model:	QED SamplePro Bladder Pump w/ QED MP-15			**Duplicate Sample ID:**	NA	**Sample Time:**	16:45

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
15:05	4.61	0.042	2.14	100.0	0.00	20.65	32.66	250	Clear
15:10	4.34	0.037	0.59	80.0	0.00	18.15	32.68	250	
15:15	4.26	0.036	0.34	70.0	0.00	17.55	32.69	250	
15:20	4.17	0.035	0.28	73.0	0.00	17.27	32.69	250	
15:25	3.97	0.034	0.21	76.0	0.00	16.95	32.69	250	
15:30	3.90	0.034	0.11	81.0	0.00	16.76	32.69	250	
15:35	3.73	0.034	0.06	86.0	0.00	16.64	32.69	250	
15:40	3.73	0.034	0.05	87.0	0.00	16.63	32.69	250	
15:45	3.74	0.033	0.03	85.0	0.00	16.63	32.69	250	
15:50	3.69	0.033	0.02	87.0	0.00	16.57	32.69	250	
15:55	3.65	0.033	0.00	88.0	0.00	16.64	32.69	250	
16:00	3.65	0.033	0.00	89.0	0.00	16.55	32.69	250	
16:05	3.53	0.033	0.00	89.0	0.00	16.60	32.69	250	5 gallons purged
16:10	3.62	0.033	0.00	82.0	0.00	16.57	32.69	250	
16:15	3.84	0.038	0.00	75.0	0.00	16.63	32.69	250	
16:20	4.27	0.033	0.00	50.0	0.00	16.27	32.69	250	
16:25	4.52	0.032	0.00	42.0	0.00	16.32	32.69	250	
16:30	4.55	0.032	0.00	42.0	0.00	16.48	32.69	250	
16:35	4.55	0.032	0.00	41.0	0.00	16.53	32.69	250	
16:40	4.57	0.032	0.00	39.0	0.00	16.49	32.69	250	

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA	**Well ID:**	MW-68	**Well Depth (ft btoc):**	33.34
Project Number:	220240201	**Sampling Event:**	Aug. 2026 Groundwater Sampling	**Well Permit #:**	N/A	**Well Diameter (in.):**	4
Personnel:	Eme Sargent	**Weather:**	82, Sunny	**Pump Intake Depth (ft btoc):**	20.1	**Screen Interval (ft btoc):**	5 to 30
Probe Model/Number:	Horiba U52 / U-50 Series	**Background PID (ppm):**	0.0	**Depth to Water Before Pump Install (ft btoc):**	6.76	**Sample ID:**	MW-68_081126
Probe Serial Number:	485709	**PID Beneath Inner Cap (ppm):**	0.0	**Ambient Pressure (in. Hg):**	29.88	**Sample Date:**	8/11/2026
Pump Make & Model:	QED SamplePro Bladder Pump w/ QED MP-15			**Duplicate Sample ID:**	–	**Sample Time:**	14:15

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
12:28	5.89	0.152	4.19	149.0	10.10	27.22	6.85	150	Clear, no odor
12:33	5.57	0.148	1.94	195.0	12.70	25.59	6.87	150	
12:38	5.32	0.147	2.66	222.0	19.20	25.75	6.88	150	
12:43	5.22	0.143	2.02	231.0	18.80	26.68	6.85	150	
12:48	5.18	0.145	4.10	236.0	11.10	26.36	6.85	150	
12:53	5.12	0.147	3.57	248.0	8.20	26.30	6.84	150	
12:58	5.06	0.147	3.18	258.0	5.90	26.27	6.80	150	
13:03	5.01	0.148	2.73	265.0	6.40	26.13	6.80	150	
13:08	4.96	0.149	2.20	268.0	6.70	25.89	6.80	150	
13:13	4.92	0.149	1.53	272.0	6.60	25.95	6.79	150	
13:18	4.90	0.148	1.20	275.0	5.80	25.98	6.79	150	
13:23	4.86	0.155	1.07	277.0	5.60	23.38	6.79	150	
13:28	4.83	0.154	0.87	281.0	8.00	23.46	6.79	150	
13:33	4.81	0.154	0.57	276.0	8.00	23.28	6.79	150	
13:38	4.50	0.160	0.45	329.0	7.00	21.83	6.79	150	
13:43	4.51	0.158	0.20	326.0	6.80	22.05	6.79	150	
13:48	4.50	0.160	0.21	323.0	6.80	21.60	6.79	150	
13:53	4.49	0.159	0.12	325.0	4.20	21.23	6.79	150	
13:58	4.76	0.160	0.04	282.0	4.00	21.02	6.79	150	
14:03	4.75	0.161	0.00	280.0	4.00	21.10	6.79	150	
14:08	4.76	0.159	0.00	277.0	3.70	21.11	6.79	150	
14:13	4.75	0.159	0.00	276.0	3.80	21.15	6.79	150	Purged 3.5 gallons of water

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA	**Well ID:**	MW-70	**Well Depth (ft btoc):**	18
Project Number:	220240201	**Sampling Event:**	Aug. 2026 Groundwater Sampling	**Well Permit #:**	N/A	**Well Diameter (in.):**	4
Personnel:	Sophie Meyer	**Weather:**	83, cloudy	**Pump Intake Depth (ft btoc):**	12.0	**Screen Interval (ft btoc):**	3-18
Probe Model/Number:	Horiba U52 / U-50 Series	**Background PID (ppm):**	0.0	**Depth to Water Before Pump Install (ft btoc):**	6.09	**Sample ID:**	MW-70_081126
Probe Serial Number:	35255	**PID Beneath Inner Cap (ppm):**	396.1	**Ambient Pressure (in. Hg):**	–	**Sample Date:**	8/11/2026
Pump Make & Model:	QED SamplePro Bladder Pump w/ QED MP-15			**Duplicate Sample ID:**	MS / MSD	**Sample Time:**	10:05

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
9:05	5.47	0.111	1.32	84.0	0.00	17.19	6.17	150	
9:10	5.57	0.112	1.05	71.0	0.00	17.33	6.16	150	
9:15	5.63	0.111	0.97	64.0	0.00	17.22	6.17	150	
9:20	5.67	0.112	0.68	56.0	0.00	17.10	6.18	150	
9:25	5.67	0.112	0.73	51.0	0.00	17.07	6.17	150	
9:30	5.71	0.112	0.63	46.0	0.00	17.10	6.17	150	
9:35	5.72	0.112	0.53	44.0	0.00	17.14	6.17	150	
9:40	5.73	0.115	0.43	40.0	0.00	17.31	6.16	150	
9:45	5.74	0.113	0.33	36.0	0.00	17.42	6.16	150	
9:50	5.75	0.114	0.21	34.0	0.00	17.49	6.17	150	
9:55	5.75	0.114	0.21	34.0	0.00	17.51	6.17	150	
10:00	5.75	0.114	0.21	33.0	0.00	17.45	6.17	150	
10:05	5.76	0.114	0.19	31.0	0.00	17.53	6.17	150	

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA		**Well ID:**	**REDACTED**	**Well Depth (ft btoc):**	33
Project Number:	220240201	**Sampling Event:**	Aug. 2026 Groundwater Sampling		**Well Permit #:**	N/A	**Well Diameter (in.):**	4
Personnel:	Kelly McNicholas	**Weather:**	Sunny,70s		**Pump Intake Depth (ft btoc):**	26.0	**Screen Interval (ft btoc):**	15-33
Probe Model/Number:	Horiba U52 / U-50 Series	**Background PID (ppm):**	0.1		**Depth to Water Before Pump Install (ft btoc):**	22.52	**Sample ID:**	**REDACTED**
Probe Serial Number:	25358	**PID Beneath Inner Cap (ppm):**	3.0		**Ambient Pressure (in. Hg):**	30.25	**Sample Date:**	9/8/2026
Pump Make & Model:	QED SamplePro Bladder Pump w/ QED MP-15				**Duplicate Sample ID:**	DUP_090826	**Sample Time:**	10:59

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
10:00	5.58	0.991	3.25	224	104.0	18.37	22.66	100	
10:05	5.71	0.966	2.05	193	90.0	16.64	22.75	100	
10:10	5.70	0.964	1.90	190	91.5	16.47	22.76	100	
10:15	5.70	0.967	1.83	191	77.3	16.33	22.80	100	
10:20	5.67	0.970	1.85	192	68.1	16.32	22.80	100	
10:25	5.65	0.975	2.00	194	60.3	16.45	22.80	100	
10:30	5.67	0.976	1.82	194	43.6	16.49	22.80	100	
10:35	5.68	0.977	1.81	194	41.3	16.54	22.78	100	
10:40	5.65	0.978	1.78	194	37.7	16.61	22.78	100	
10:45	5.65	0.977	1.69	195	39.1	16.63	22.78	100	
10:50	5.68	0.978	1.65	192	36.1	16.45	22.78	100	approx 3 gallons purged

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA		**Well ID:**	**REDACTED**	**Well Depth (ft btoc):**	30
Project Number:	220240201	**Sampling Event:**	Aug. 2026 Groundwater Sampling		**Well Permit #:**	N/A	**Well Diameter (in.):**	4
Personnel:	Kelly McNicholas	**Weather:**	Sunny,70s		**Pump Intake Depth (ft btoc):**	26.0	**Screen Interval (ft btoc):**	10-30
Probe Model/Number:	Horiba U52 / U-50 Series	**Background PID (ppm):**	0.0		**Depth to Water Before Pump Install (ft btoc):**	21.32	**Sample ID:**	**REDACTED**
Probe Serial Number:	33110	**PID Beneath Inner Cap (ppm):**	10.5		**Ambient Pressure (in. Hg):**	30.23	**Sample Date:**	9/17/2026
Pump Make & Model:	QED SamplePro Bladder Pump w/ QED MP-15				**Duplicate Sample ID:**	N/A	**Sample Time:**	10:40

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
10:10	5.93	0.670	4.03	149	0.0	20.70	21.57	300	
10:15	5.95	0.572	2.26	104	0.0	17.91	21.57	300	
10:20	5.94	0.562	2.09	97	0.0	17.40	21.65	300	
10:25	5.93	0.564	2.07	99	0.0	17.36	21.68	300	
10:30	5.93	0.563	1.99	92	0.3	17.24	21.68	300	
10:35	5.93	0.562	1.94	91	0.3	17.22	21.68	300	
10:40	5.94	0.563	2.00	89	0.3	17.21	21.70	300	

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA		**Well ID:**	REDACTED	**Well Depth (ft btoc):**	30
Project Number:	220240201	**Sampling Event:**	Sept. 2026 Groundwater Sampling		**Well Permit #:**	N/A	**Well Diameter (in.):**	4
Personnel:	Karissa Malone	**Weather:**	Sunny 80		**Pump Intake Depth (ft btoc):**	25.6	**Screen Interval (ft btoc):**	12-32
Probe Model/Number:	Horiba U52 / U-50 Series	**Background PID (ppm):**	0.0	**Depth to Water Before Pump Install (ft btoc):**		21.73	**Sample ID:**	REDACTED
Probe Serial Number:	233649	**PID Beneath Inner Cap (ppm):**	0.6		**Ambient Pressure (in. Hg):**	--	**Sample Date:**	9/8/2026
Pump Make & Model:	QED SamplePro Bladder Pump w/ QED MP-15				**Duplicate Sample ID:**	N/A	**Sample Time:**	10:50

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
10:05	5.17	0.834	5.72	85	0.9	20.41	21.73	250	
10:10	5.03	0.765	3.74	84	0.1	18.39	21.79	250	
10:15	5.00	0.744	3.47	89	0.0	18.30	21.80	200	
10:20	5.00	0.735	3.45	92	0.3	17.98	21.82	200	
10:25	4.94	0.732	3.10	91	0.3	17.35	21.82	200	
10:30	4.90	0.725	3.21	92	0.6	18.92	21.83	200	
10:35	4.97	0.725	2.84	84	0.2	17.65	21.83	200	
10:40	4.97	0.720	2.80	83	0.3	18.08	21.83	200	
10:45	5.00	0.721	2.81	77	0.3	18.35	21.83	200	
10:50	5.00	0.719	2.77	77	0.3	18.37	21.83	200	

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA		**Well ID:**	REDACTED	**Well Depth (ft btoc):**	30
Project Number:	220240201	**Sampling Event:**	Sept. 2026 Groundwater Sampling		**Well Permit #:**	N/A	**Well Diameter (in.):**	4
Personnel:	Karissa Malone	**Weather:**			**Pump Intake Depth (ft btoc):**	25.3	**Screen Interval (ft btoc):**	10-30
Probe Model/Number:	Horiba U52 / U-50 Series	**Background PID (ppm):**	0.0		**Depth to Water Before Pump Install (ft btoc):**	20.63	**Sample ID:**	REDACTED
Probe Serial Number:	233649	**PID Beneath Inner Cap (ppm):**	0.4		**Ambient Pressure (in. Hg):**	--	**Sample Date:**	9/17/2026
Pump Make & Model:	QED SamplePro Bladder Pump w/ QED MP-15				**Duplicate Sample ID:**	DUP_091726_GW	**Sample Time:**	10:45

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
10:10	5.16	0.431	2.72	229	0.0	23.68	20.71	150	
10:15	5.10	0.419	2.34	224	0.0	22.25	20.73	150	
10:20	5.14	0.412	2.31	230	0.0	20.74	20.73	150	
10:25	5.18	0.407	2.30	236	0.0	21.36	20.73	150	
10:30	5.21	0.410	2.21	235	0.0	19.91	20.72	150	
10:35	5.23	0.403	2.23	236	0.0	19.30	20.73	150	
10:40	5.26	0.402	2.20	237	0.0	19.40	20.72	150	
10:45	5.25	0.402	2.23	238	0.0	19.34	20.73	150	

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA		**Well ID:**	REDACTED	**Well Depth (ft btoc):**	30
Project Number:	220240201	**Sampling Event:**	Aug. 2026 Groundwater Sampling		**Well Permit #:**	N/A	**Well Diameter (in.):**	4
Personnel:	Kelly McNicholas	**Weather:**	Sunny,70s		**Pump Intake Depth (ft btoc):**	26.0	**Screen Interval (ft btoc):**	10-30
Probe Model/Number:	Horiba U52 / U-50 Series	**Background PID (ppm):**	0.1		**Depth to Water Before Pump Install (ft btoc):**	21.40	**Sample ID:**	REDACTED
Probe Serial Number:	25358	**PID Beneath Inner Cap (ppm):**	368.8		**Ambient Pressure (in. Hg):**	30.25	**Sample Date:**	9/8/2026
Pump Make & Model:	QED SamplePro Bladder Pump w/ QED MP-15				**Duplicate Sample ID:**	N/A	**Sample Time:**	13:35

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
12:3500 PM	5.70	0.487	4.83	165	41.8	22.40	21.67	200	
12:40	5.47	0.467	3.43	120	26.4	20.41	21.84	75	
12:45	5.47	0.464	3.17	112	39.6	20.11	21.87	75	
12:50	5.48	0.463	3.01	107	38.4	19.81	21.98	75	
12:55	5.47	0.464	2.90	104	29.0	19.87	22.02	75	
13:00	5.46	0.464	2.76	102	26.5	19.81	22.08	75	
13:05	5.42	0.466	2.96	99	22.1	19.86	22.14	75	
13:10	5.46	0.469	2.53	97	21.5	19.74	22.16	75	
13:15	5.47	0.471	2.49	96	21.0	19.80	22.18	75	
13:20	5.47	0.471	2.48	96	18.2	19.70	22.20	75	
13:25	5.49	0.474	2.33	94	18.2	19.81	22.22	75	
13:30	5.49	0.472	2.36	93	18.4	19.80	22.25	75	
13:35	5.49	0.472	2.35	92	17.1	19.70	22.25	75	approx 2.5 gallons ppurged, very light sheen observed in purge bucket

Low Flow Groundwater Sampling Parameters
Langan Project No. 220240201
MIPC Chelsea Facility
Aston, PA

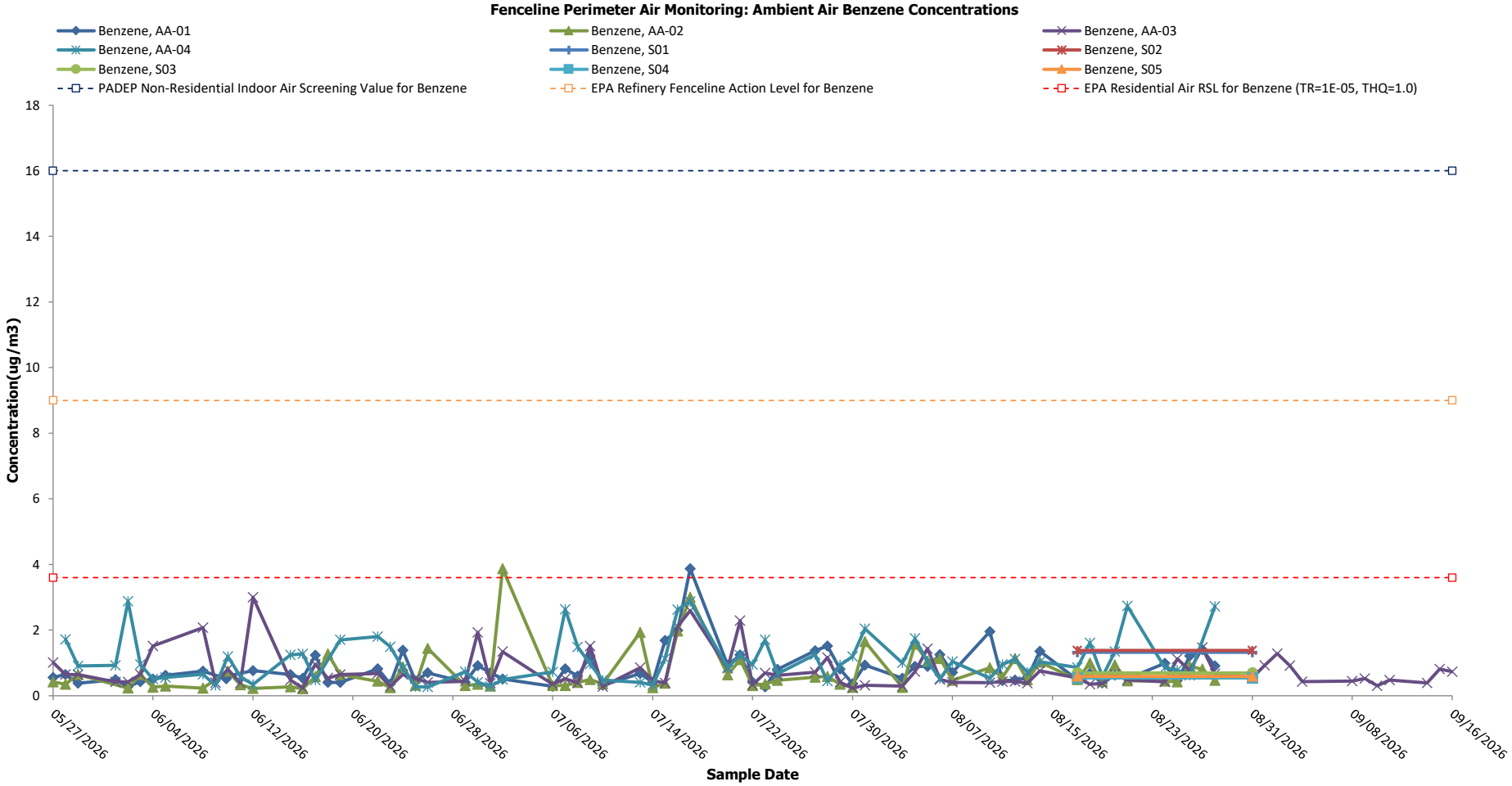
Project:	MIPC Chelsea Facility	**Site Location:**	Aston, PA		**Well ID:**	REDACTED	**Well Depth (ft btoc):**	30
Project Number:	220240201	**Sampling Event:**	Sept. 2026 Groundwater Sampling		**Well Permit #:**	N/A	**Well Diameter (in.):**	4
Personnel:	Karissa Malone	**Weather:**	Sunny, 85		**Pump Intake Depth (ft btoc):**	25.78	**Screen Interval (ft btoc):**	10-30
Probe Model/Number:	Horiba U52 / U-50 Series	**Background PID (ppm):**	0.0		**Depth to Water Before Pump Install (ft btoc):**	21.63	**Sample ID:**	REDACTED
Probe Serial Number:	233649	**PID Beneath Inner Cap (ppm):**	0.9		**Ambient Pressure (in. Hg):**	--	**Sample Date:**	9/8/2026
Pump Make & Model:	QED SamplePro Bladder Pump w/ QED MP-15				**Duplicate Sample ID:**	N/A	**Sample Time:**	13:30

STABILIZATION = 3 successive readings within limits

TIME	PH (SU)	SPECIFIC CONDUCTIVITY (mS/cm)	DO (mg/L)	ORP (mV)	TURBIDITY (NTU)	TEMP (°C)	DTW (ft)	Flow Rate (mL/min)	NOTES
	(+/- 0.1)	(+/- 3%)	(+/- 10%)	(+/- 10mV)	(+/- 10%)	(+/- 3%)	Drawdown< 0.3 ft	100-500 mL/min	Color, odor, gallons purged etc.
12:40	5.51	0.476	9.04	116	9.5	27.47	21.78	150	
12:45	5.47	0.476	7.88	79	13.0	21.04	21.80	150	
12:50	5.45	0.463	7.11	76	17.1	20.05	21.82	150	
12:55	5.46	0.463	6.94	77	20.6	20.09	21.85	150	
13:00	5.45	0.463	6.89	77	23.6	19.76	21.86	150	
13:05	5.45	0.457	6.86	76	27.5	19.60	21.86	150	
13:10	5.47	0.444	6.77	77	29.2	19.35	21.86	150	
13:15	5.46	0.433	6.74	77	29.6	18.90	21.86	150	
13:20	5.45	0.430	6.27	78	30.8	18.79	21.86	150	
13:25	5.45	0.426	6.09	80	32.6	18.79	21.86	150	
13:30	5.45	0.419	5.98	77	32.4	18.86	21.86	150	

Appendix D
Ambient Air Benzene Trend Chart: May to September 2026

Appendix D
Perimeter Air Montoring Benzene Trend Chart - May 27 through September 16, 2026
MIPC Chelsea Facility
920 Cherry Tree Rd, Aston, PA 19014
Langan Project No.: 220240201



Appendix E
Sub-Slab Depressurization System Plans

Not Included Due to Confidential Information

Appendix F
Public Comment Notification Affidavits

21ST CENTURY media

MediaNews Group

PHILADELPHIA GROUP

AFFIDAVIT OF PUBLICATION

390 Eagleview Boulevard • Exton, PA 19341

Langan Engineering &
Environmental Services
1818 Market Street, Suite 3300
PHILADELPHIA, PA 19103
Attention: CINDY MCGINLEY

STATE OF PENNSYLVANIA,

The undersigned _____, being duly sworn the he/she is the principal clerk of Delaware County Daily Times, Daily & Sunday Times Digital, published in Delaware County for the dissemination of local or transmitted news and intelligence of a general character, which are duly qualified newspapers, and the annexed hereto is a copy of certain order, notice, publication or advertisement of:

Langan Engineering &

Published in the following edition(s):

Delaware County Daily Times, Daily & Sunday Times Digital
06/09/26

MIPC'S CHELSEA TANK FARM GASOLINE RELEASE – PUBLIC MEETING NOTICE

What Happened:
MIPC is currently working to remediate an underground gasoline leak that was confirmed at our Chelsea Tank Farm, located at 920 Cherry Tree Road, Aston Township, PA 19014.

Public Meeting Details:
MIPC, in conjunction with the Pennsylvania Department of Environmental Protection, is holding a public meeting. The purpose of this meeting is to provide an update to the public about the release, the ongoing investigation, progress and recovery efforts, and to answer questions that attendees have.
The meeting will be held virtually.

Date & Time:
Tuesday, July 7, 2026
6:00 PM

Location:
Virtual. If interested, please email MIPC at the address listed below to register. A meeting invitation link will be sent to you a few days prior to the meeting.

Contact:
610-364-8426 or MIPC1@Monroe-energy.com
(Email preferred for registering)

DCT: June 9. a-1

Sworn to the subscribed before me this 6/9/26 .

Maureen Schmid

Notary Public, State of Pennsylvania
Acting in County of Montgomery

Commonwealth of Pennsylvania - Notary Seal
Maureen Schmid, Notary Public
Montgomery County
My Commission Expires March 31, 2029
Commission Number 1248132

Advertisement Information

Client Id: 1438847 **Ad Id:** 2818820 **PO:** MIPC's Chelsea Tank **Sales Person:** 063308

Ad ID: 2818820
Cost: $253.14
Start: 06/09/26
Stop: 06/09/26
Class: 1201, Legal Notices

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21ST CENTURY media

MediaNews Group

PHILADELPHIA GROUP

AFFIDAVIT OF PUBLICATION

390 Eagleview Boulevard • Exton, PA 19341

Langan Engineering &
Environmental Services
1818 Market Street, Suite 3300
PHILADELPHIA, PA 19103
Attention: CINDY MCGINLEY

STATE OF PENNSYLVANIA,

The undersigned _____, being duly sworn the he/she is the principal clerk of Delaware County Daily Times, Daily & Sunday Times Digital, published in Delaware County for the dissemination of local or transmitted news and intelligence of a general character, which are duly qualified newspapers, and the annexed hereto is a copy of certain order, notice, publication or advertisement of:

NOTIFICATION OF PUBLIC COMMENT PERIOD FOR REPORT

MIPC, LLC hereby gives notice of the 30-day public comment period for its Interim Site Characterization Report (Report) that was submitted to the Pennsylvania Department of Environmental Protection, Southeast Regional Office, for the MIPC Chelsea Tank Farm gasoline release site located at 920 Cherry Tree Road in Aston, Bethel and Upper Chichester Townships. The Report presents a conceptual site model and describes interim site characterization activities and findings, including the interim characterization of the nature, extent, and migration of the gasoline in the environment.

The public is invited to review this document and provide written comments to MIPC, LLC: Adam Gattuso, 920 Cherry Tree Road, Aston, PA 19014; Email: MIPC1@monroe-energy.com; or via the website: https://chelseatankupdates.com/. The Report is posted at https://chelseatankupdates.com/, and hard copies are available for review at the Aston Township, Bethel Township, and Upper Chichester Township municipal buildings.

The 30-day public comment period ends July 19, 2026.

This notice is made in accordance with the Order issued by PADEP to MIPC on December 23, 2025 and the Public Involvement Plan.

DCT: June 19. a-1

Langan Engineering &

Published in the following edition(s):

Delaware County Daily Times, Daily & Sunday Times Digital
06/19/26

Sworn to the subscribed before me this 6/19/26.

Maureen Schmid

Notary Public, State of Pennsylvania
Acting in County of Montgomery

Commonwealth of Pennsylvania - Notary Seal
Maureen Schmid, Notary Public
Montgomery County
My Commission Expires March 31, 2029
Commission Number 1248132

Advertisement Information

Client Id: 1438847 **Ad Id:** 2820918 **PO:** Public Comm Period **Sales Person:** 063308

Ad ID: 2820918
Cost: $239.36
Start: 06/19/26
Stop: 06/19/26
Class: 1201, Legal Notices

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DCT: June 19. a-1

July 30, 2026

Transmitted via e-mail to: cdbrown@pa.gov and published on Chelseatankupdates.com

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: Responses to Public Comments and Questions
Interim Site Characterization Report
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), Langan Engineering and Environmental Services, LLC (Langan) is submitting to the Department of Environmental Protection (DEP) the below responses to comments received from the public during the public comment period for the Interim Site Characterization Report (ISCR) that was submitted on June 19, 2026 in accordance with DEP's December 23, 2025 administrative order (Order). We will also share these with the public, as their comment period opened on June 19, 2026 and closed on July 19, 2026, as advertised in a legal ad published in the June 19, 2026 edition of the Delaware County Daily Times newspaper.

Public comments include two that were directly submitted for the ISCR and collective comments and questions from the virtual public meeting held by MIPC and DEP on July 7, 2026. Some of the public meeting questions are deemed not relevant to the ISCR and are not included herein; only comments and questions relevant to the ISCR are included herein. A complete recording of the July 2026 public meeting, including the public question-and-answer session, is available on the chelseatankupdates.com website.

The public comments and questions are presented below, followed by responses from MIPC/Langan in italicized text:

1. Review boring logs. Noted on boring logs MW-1D, MW-1E, and MW-1F, soil descriptions of "Silty lean clay" and "Gravelly poorly graded sand" are not to USCS standards. Please revise boring logs.

   The overburden encountered at the Site consists of varying proportions of clay, silt, sand, along with basal cobbles and gravel. Boring logs prepared for the Site investigation mostly follow the Unified Soil Classification System (USCS). The commenter notes that boring logs for MW-1D, MW-1E, and MW-1F with soil descriptions of "Silty lean clay" and "Gravelly poorly graded sand" are not to USCS standards. Technically by USCS standards, a "silty lean clay" would be designated

as CL (lean clay with silt) and "gravelly poorly graded sand" would be designated as SP (poorly graded sand with gravel). In our opinion, the soil descriptions generally follow USCS conventions with some occasional slight variation in descriptions and modifiers used. While the comment about the USCS standard is technically accurate, we view the comment to be subtle and not of significance that warrant revisions of the boring logs. The boring log descriptions are an accurate representation of the characteristics and soil type(s) encountered.

2. CSM does not include a discussion of bedrock Formation and composition, known strike and dip of said Formation. Strike and dip can affect saprolite structure and groundwater fate and transport.

   Overall, this is a good interim report and appears to be on track to identify data gaps. Drilling in the underlying geology of the area can be challenging. (as observed in the boring logs!) The use of seismic surveys to assist in the correlation of the saprolite-bedrock interface is good. Recommend passive samplers to collect dissolved-phase groundwater samples.

   Delaware County is underlain by crystalline metamorphic rocks that are mainly comprised of gneisses and schists. Interim response actions and investigations conducted to date focus on the overburden and the upper parts of weathered bedrock where the gasoline related impacts are observed. Installed wells are completed between depths of about 15 feet below ground surface and 60 feet below ground surface and are above competent bedrock. Weathered bedrock and saprolite (weathered bedrock that retains its original texture and structure of the bedrock from which it develops, affecting the chemical and physical properties) are encountered at variable depths investigated at the Site.

   Published geologic mapping shows that the Site overburden is underlain by the Brandywine Blue Gneiss (Obbg). The Brandywine Blue Gneiss is described as intermediate to felsic gneiss and interlayered intermediate, felsic, and mafic gneiss, composed of plagioclase, quartz, hornblende, biotite with garnet and/or epidote present at some localities. Mafic gneiss occurs as discontinuous layers and lenses ranging in thickness from about 4 inches to about 3.3 feet, and as larger amphibolite layers.

   The Brandywine Blue Gneiss formation is described as having very low primary porosity, secondary (fracture) porosity, and low permeability. Reported lineations in bedrock trend north-west. Published strike (measured compass direction of a horizontal line formed by the intersection of a tilted geologic surface (such as a rock layer or other planar feature) and an imagined horizontal plane) of minor foliations and layering (repetitive, sheet-like or planar fabric found in many rocks) vary between N20°W and N55°E. Dips (inclination of bedrock features measured perpendicular to strike) are generally greater than 45°.

Groundwater flow in the overburden is generally towards the west and southwest. Subsurface conditions include a mix of silty/sandy lenses or 'fingers' and weathered bedrock/saprolite topography with properties that may preferentially influence flow and movement of gasoline product and dissolved fractions in groundwater. Migration of gasoline product and dissolved-phase impacts are expected to be variable under the influence of the local differences in soil type/lithology, weathered bedrock/saprolite surface relief and their associate[1]d physical characteristics and properties.

The forthcoming Remedial Investigation Report will include the above discussion regarding bedrock geology.

As for the recommendation to use passive samplers, there are advantages and disadvantages for every sampling device/technique. The conventional method of low-flow sampling using bladder pumps was selected, as this method provides a reliable means for highly representative samples (per PADEP Groundwater Monitoring Guidance, Document No. 261-0300-101). The low-flow purging and sampling method uses stabilization of indicator parameters to determine when to sample the well, as encouraged by PADEP. Minimizing purge water is one advantage of passive samplers but is not a factor for sampling on the site because there are onsite means of handling and managing purge water. As site characterization and cleanup advances, MIPC/Langan may consider potential advantages associated with passive sampling.

3. What is the current estimated release volume, and what methodology was used to calculate that estimate?

   The current estimated maximum release volume is 7,779 barrels. This calculation was derived from reviewing the inbound and outbound flows to Tank 708 between the tank's re-entry into service in March 2025 and the tank being removed from service in December 2025. The methodology was applied under PHMSA's oversight, and this calculation represents the maximum worst case release volume.

4. What is the current understanding of the groundwater flow direction from the Chelsea Tank Farm, and have recent periods of elevated groundwater levels and above-average precipitation influenced plume migration?

---

[1] Open-File Report OFBM-05-06.0 Bedrock Geologic Map of the Pennsylvania Portion of the Marcus Hook Quadrangle, Delaware County, Pennsylvania by Howell Bosbyshell (2005) and Report of Investigations No. 59 - Bedrock Geology of the Piedmont of Delaware and Adjacent Pennsylvania by Margaret O. Plank et. al., (2000)

[2] Bosbyshell, H., 2005, Bedrock geologic map of the Pennsylvania portion of the Marcus Hook quadrangle, Delaware County, Pennsylvania: Pennsylvania Geological Survey, 4th ser., Open-File Report OFBM 05–06.0, 11 p., Portable Document Format (PDF) file.

Groundwater flow is consistently to the west-southwest in the area of Tank 708 based on data collected to date. MIPC's current understanding of the groundwater flow is based on topographical and seismic data as well as a network of over 100 drilled monitoring wells. MIPC conducts routine focused water level and gasoline product gauging of these wells, and has conducted site-wide gauging on several occasions. Elevation contour maps using these data are presented in the 1st and 2nd Quarterly Remedial Action Progress Reports.

5. Can you provide updated maps showing the current groundwater plume, monitoring well locations, and areas where residential investigations are ongoing?

   Maps are available in the weekly reports that MIPC submits to PADEP. Additionally, MIPC publishes these reports on the ChelseaTankUpdates.com website. The weekly maps show monitoring well locations, and the most current plume boundary is reflected via the delineation map shown in Fact Sheet #5.

   MIPC does not publish maps showing residential investigations, in order to protect our neighbors' privacy.

6. How many residential properties have received indoor air testing, groundwater testing, or vapor intrusion evaluations, and how many homes have required additional monitoring or mitigation?

   Fourteen offsite properties have had vapor intrusion assessments and/or groundwater assessments. Vapor intrusion mitigation systems have been installed beneath homes on three of those properties. MIPC will continue monitoring efforts at all of these properties, and should conditions change, MIPC will take the appropriate measures to ensure the health and safety of our neighbors.

7. What contaminants are currently being monitored (for example benzene, toluene, ethylbenzene, xylenes, MTBE, and total petroleum hydrocarbons), and how do current concentrations compare with Pennsylvania DEP residential screening values?

   Per the PADEP Order, the defined compounds to be investigated for releases of unleaded gasoline include benzene, toluene, ethylbenzene, xylenes, cumene, MTBE, naphthalene, 1,2,4-trimethylbenzene and 1,3,5-trimethylbenzene. These are the 9 compounds that MIPC has been monitoring. Please note, MTBE is no longer used in gasoline in the United States and was completely phased out in 2006.

   MIPC adheres to the screening values set forth by PADEP.

   None of these compounds have been detected above even the most stringent PADEP residential screening criteria in any of the private drinking water well samples collected to date.

The three properties with one or more gasoline-related compounds detected in sub-slab soil gas at concentrations above the PADEP residential screening values have had vapor intrusion mitigation systems installed, and these systems are operating as intended. In other homes, the detection levels have been found to be below the residential screening values when tested for vapor intrusion.

Contaminants in soil and groundwater are also being monitored onsite with results communicated in the weekly progress reports MIPC submits to PADEP.

8. Has Monroe or DEP evaluated whether prolonged periods of elevated groundwater over the past one to two years may have affected contaminant migration or vapor intrusion potential?

   The subsurface investigation into this release began in November 2025. As such, MIPC does not have site-specific groundwater data for the past few years.

9. What is the anticipated timeline for remediation, groundwater monitoring, and long-term environmental oversight?

   In accordance with the PADEP Order, MIPC developed an implementation schedule which is posted on the ChelseaTankUpdates.com website, and MIPC is following the Order until PADEP's cleanup standards have been met. PADEP provides oversight throughout the process and will be final authority in determining when everything is complete.

10. Under what circumstances would Monroe install vapor mitigation systems in nearby residences, and what criteria would trigger that decision?

    Sub-slab soil gas sample results are compared against the PADEP Residential Vapor Intrusion Screening Values, reduced by a factor of 10 (1/10th of the published values, which is a conservative screening value). Exceedances of those values for gasoline-related compounds would trigger additional assessment to confirm the results and indoor air quality. The results of these assessments would determine whether a vapor mitigation system is warranted.

11. Will the Interim Site Characterization Report, supporting groundwater data, laboratory results, and future monitoring reports be made readily available to the public as the investigation progresses?

    Yes, the Interim Site Characterization Report and all other reports are uploaded to the ChelseaTankUpdates.com website for public review.

12. Is tank 708 back in service? What other tanks are out of service?

    No, Tank 708 remains out-of-service. Tank 708 will only return to service with PHMSA approval. Currently, there is one additional tank that is out-of-service and pending maintenance.

This Response to Public Questions and Comments document is being shared with the public on the Chelseatankupdates.com website.

If you should have any questions or comments, please feel free to contact Langan at 215.845.8915 or MIPC at 610-364-8426.

Sincerely,
Langan Engineering and Environmental Services, LLC

Jeffrey A. Smith, P.G.
Senior Associate

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

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

\\langan.com\data\PH\data2\220240201\Project Data_Discipline\Environmental\Reports\Interim Site Characterization Report\Public Comments\MIPC Chelsea Aston_Responses to Public Comments and Questions_Interim SCR_2026.07.30_Final.docx