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SUPERFUND TECHNICAL ASSESSMENT & RESPONSE TEAM V  
EPA CONTRACT NO.: 68HE0319D0004

April 24, 2024

Mr. David Rosoff, On-Scene Coordinator  
U.S. Environmental Protection Agency, Region II  
Superfund and Emergency Management Division  
2890 Woodbridge Avenue  
Edison, NJ 08837

**EPA CONTRACT NO: 68HE0319D0004**

**TD No: TO-0030-0002**

**DC No: STARTV-05-F-0103**

**SUBJECT: FINAL WESTON SOLUTIONS REMOVAL ACTION ACTIVITIES  
SUMMARY REPORT**

**VO TOYS SITE**

**HARRISON, HUDSON COUNTY, NEW JERSEY**

Dear Mr. Rosoff,

Enclosed please find the Final Weston Solutions Removal Action Activities Summary Report which summarizes the mercury vapor screening and oversight activities conducted by Weston Solutions, Inc., Superfund Technical Assessment & Response Team V (START V) in support of the U.S. Environmental Protection Agency, Region II (EPA) at the Vo Toys Site (the Site) located in Harrison, Hudson County, New Jersey. The mercury vapor screening activities were conducted from June 23, 2022 to September 5, 2023.

If you have any questions or comments, please contact me at (732) 425-1175.

Sincerely,

WESTON SOLUTIONS, INC.

Sean Quinn  
START V Site Project Manager

Enclosure  
cc: TD File: TO-0030-0002

*an employee-owned company*



In association with Eco-Risk, Pro-West & Associates, Inc., Avatar Environmental, LLC,  
On-Site Environmental, Inc., Sovereign Consulting, Inc., and TechLaw Consultants, Inc.

# **FINAL WESTON SOLUTIONS REMOVAL ACTION ACTIVITIES SUMMARY REPORT**

## **VO TOYS SITE**

Harrison, Hudson County, New Jersey

Site Code: A27Q

CERCLIS Code: NJR986633154

Prepared by:

Superfund Technical Assessment & Response Team V  
Weston Solutions, Inc.  
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Edison, New Jersey 08837

Prepared for:

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## **1.0 Introduction**

From June 23, 2022 to September 5, 2023, Weston Solutions, Inc., Superfund Technical Assessment & Response Team V (START V), in support of the U.S. Environmental Protection Agency Region II (EPA) Removal Action Branch (RAB), conducted mercury (Hg) screening and oversight tasks at the Vo Toys Site (Site) located in Harrison, New Jersey.

The actions undertaken at the site were to conduct Hg vapor screenings in the footprints of former industrial buildings and the former courtyard areas at the site. In addition, START V conducted oversight of the Potentially Responsible Party (PRP) General Electric (GE) and their contractors during remedial excavations, soil borings, and soil sample Hg screening.

This report summarizes the actions undertaken by START V to mobilize, implement, and complete the scope of work (SOW), including Hg vapor screening and oversight of GE contractors.

### **1.1 Site Location and Description**

The site is located at 400 South 5<sup>th</sup> Street, Harrison, Hudson County, New Jersey in a mixed urban, commercial, and residential neighborhood and is approximately 2.5 acres in size. It includes footprints of three former buildings (designated as Buildings A, B, and C). The overall footprint previously occupied by the structures was approximately 195,000 square feet (ft<sup>2</sup>). The three buildings on site were demolished under the Removal Action, leaving exposed soil footprints and concrete footers. Refer to Attachment A, Figure 1: Site Location Map and Figure 2: General Site Plan.

### **1.2 Site History and Background**

#### **1.2.1 Operational and Ownership History and Background**

In 1882, the Edison Lamp Company acquired 420 South 5<sup>th</sup> Street (former Building C) and used the property to design, test, and manufacture incandescent light bulbs. In 1889, the Edison Lamp Company was consolidated into the Edison General Electric Company. In 1892 the Edison General Electric Company and the Thompson-Houston Electric Company were consolidated to create GE. GE constructed the building located at 530 Bergen Street (former Building B) in 1907 and the building located at 400 South 5<sup>th</sup> Street (former Building A) in 1913 or 1914. GE used Hg pumps in the manufacturing of lightbulbs in former facility buildings and owned the property until approximately 1929. In 1930, Radio Corporation of America (RCA) purchased the property and produced radio vacuum tubes, photo tubes, and television tubes, among other things. These processes included Hg as one of the materials used in manufacturing.

In 1977, Vo Toys, Inc. purchased the property, including the facility Buildings A, B, and C, from International Fastener Research Corporation, who acquired it the year prior in 1976. Vo Toys, Inc. was founded in 1939 and was a pet product warehouse and distributor. In 1990, V.I.P. Realty Associates acquired the site from Vo Toys, Inc. However, until 2015, the site was still primarily being used as a distribution facility for pet products. In March 2015, BRG Harrison Lofts Urban Renewal, LLC purchased the site with the intention of redeveloping the property for residential purposes.

## **1.2.2 Environmental Investigation History and Background**

In 2012, Hg contamination was identified at the site during a disposal sampling event for contaminated soils. BRG Harrison Lofts Urban Renewal, LLC was a prospective purchaser of the site and contracted EWMA, LLC to prepare a preliminary assessment report in 2013. The results of that report indicated that two locations on the third floor of former Building C required remediation for Hg contamination.

In July 2013, V.I.P Realty Associates and GE came to an agreement regarding a chlorinated solvent vapor intrusion problem and agreed that GE would be responsible for the cleanup.

In March 2015, BRG Harrison Lofts Urban Renewal, LLC entered into a contract to purchase the site from V.I.P Realty Associates with plans to repurpose the property for residential use. In October 2015, additional Hg screening was conducted at the site and results indicated higher Hg vapor concentrations than previously reported by EWMA, LLC. In 2016, AMEC Foster Wheeler also conducted a Hg vapor screening assessment at the site. Hg vapors were detected in former Buildings A, B, and C. Soil samples and observations of building materials throughout the site also indicated the presence of Hg.

In July 2017, EPA, with the support of Weston Solutions, Inc. Removal Support Team 3 (RST 3), currently referred to as START V, conducted a site walkthrough with the current property owner. As part of the site walkthrough, START V was tasked with performing air monitoring by screening all floor levels in former Buildings A, B, and C for Hg vapor, volatile organic compounds (VOCs), hydrogen sulfide (H<sub>2</sub>S), lower explosive limit (LEL), carbon monoxide (CO), oxygen (O<sub>2</sub>), and radiation. The highest Hg vapor reading at the breathing level was observed on the first floor of Building C at a concentration of 50 micrograms per cubic meter (µg/m<sup>3</sup>). The highest Hg vapor reading at floor level was observed on the first floor of Building C at a concentration of 55 µg/m<sup>3</sup>.

Based on the results of the July 2017 site walkthrough, EPA concluded that the elevated Hg vapor readings observed within the on-site buildings presented a health and safety concern for people accessing the building without personal protective equipment (PPE). The information collected during the site walkthrough was used by EPA to help determine the magnitude of the contamination within the on-site buildings and for information purposes in further discussions with interested parties in regard to future site assessment and the need for a site cleanup.

From June through November 2018, GE consultants conducted additional site assessment activities at the site which included mercury vapor analyzer (MVA) screening and building material evaluation by x-ray fluorescence (XRF) surveys of each floor (floors 1 through 3) of each on-site building, as well as bulk building material sampling for Hg. During the site assessment activities, elemental Hg deposits were observed and documented in numerous locations within the floor structures of former Building B (floors 1 and 3) and former Building C (floors 2 and 3).

EPA and GE signed an Administrative Settlement Agreement and Order of Consent (ASAOC) in July 2019. The ASAOC required GE to prepare and implement Removal Action Design for former Building C to safely remove waste and Hg and demolish above-ground structures, as well as prepare Removal Action design for former Buildings A and B. In December 2020, the ASAOC was amended to require implementation of the Removal Action Design for former Buildings A and B, including Hg removal and building demolition. The site buildings were demolished between 2020 and 2023.

## **2.0 Scope of Work**

Prior to START V's mobilizations to the site, GE contractors demolished former Buildings A, B, and C, exposing the concrete building footers that supported the former buildings. START V was tasked by EPA with providing field support for Removal Action activities at the site. The START V SOW consisted of the following primary tasks:

- Post-Removal Action Hg vapor screening of remaining soil and concrete;
- Oversight of GE contractors to ensure compliance with Removal Action design and site procedures;
- Oversight of GE contractors during trichloroethene (TCE)-impacted soil removal and soil borings conducted in the footprint of former Building A.

Post-Removal Action Hg vapor screening surveys were conducted using a Lumex 915 + MVA, a Lumex 915 M MVA, a Jerome J405 MVA, and/or a Jerome J505 MVA within the footprints of the three former on-site buildings and the former courtyard areas to screen post-excavation soils and concrete footers for remaining Hg contamination. Results of the Hg screening events were used by the EPA On-Scene Coordinators (OSCs) to guide additional soil excavation or concrete footer removal efforts, if needed. Based on Hg survey results, soil and/or concrete footers were excavated and removed from Hg-impacted areas of the site by GE contractors as required. Hg surveys were repeated at the direction of the on-site OSCs to assess the effectiveness of excavations and document Hg levels in post-excavated soils. Hg screening was also performed along a shallow trench that was excavated along the north side of former Building B that was advanced to expose and remediate Hg impacts associated with removed subsurface pipes. Based on Hg vapor screening values, soil with Hg vapor concentrations higher than the EPA and PRP agreed upon Site-Specific Mercury Vapor Level (SSMVL) of  $25 \mu\text{g}/\text{m}^3$  were further excavated by GE contractors, with confirmation screening support provided by START V. START V Hg screening data was used by EPA to provide final clearance data enabling EPA to transfer the site to New Jersey (NJ) State regulatory oversight.

Additionally, START V provided oversight of GE contractors during Removal Action to ensure compliance with Removal Action design and site procedures. Oversight activities included monitoring during Hg screening conducted by GE contractors, confirmation Hg screening during the GE contractor's excavation activities, oversight for excavated material management and disposal, and logbook documentation and photo-documentation during focused excavation efforts (e.g., Hg-impacted subsurface pipe excavation and removal).

START V also provided GE contractor oversight during excavation of TCE-impacted soil and during a direct push technology (DPT) soil boring event. During the TCE-impacted soil excavation, START V provided GE contractor oversight to ensure adherence to safety procedures, monitor the excavation to ensure adequate excavation extent, and provide logbook and photo-documentation of the excavation activities. During the DPT soil boring event, START V provided Hg vapor screening support to screen DPT borehole headspace and conduct confirmatory Hg screening for soil cores and soil jar headspace screening. START V also provided oversight to ensure that GE contractors conducted Hg screening within acceptable temperature ranges and adhered to Hg anti-tracking measures. START V also maintained logbook and photo-documentation during the DPT soil boring event.

### 3.0 On-Site Personnel

Name	Affiliation	Duties On-site
David Rosoff	EPA, Region II	Lead On-Scene Coordinator
Jonathan Byk	EPA, Region II	On-Scene Coordinator
Cris D'Onofrio	EPA, Region II	On-Scene Coordinator
Sean Quinn	Weston Solutions Inc., START V, Region II	Site Project Manager, Site Health and Safety, Mercury Vapor Screening, and Site Documentation
Joshua Frizzell	Weston Solutions Inc., START V, Region II	Site Health and Safety Alternate, Mercury Vapor Screening, and Site Documentation
David Benoit	Weston Solutions Inc., START V, Region II	Mercury Vapor Screening and Site Documentation
Thomas Caracappa	Weston Solutions Inc., START V, Region II	Mercury Vapor Screening and Site Documentation
Stephen Giordano	Weston Solutions Inc., START V, Region II	Mercury Vapor Screening and Site Documentation
Olga Kuzmitskaia	Weston Solutions Inc., START V, Region II	Mercury Vapor Screening and Site Documentation
Garret Rees	Weston Solutions Inc., START V, Region II	Mercury Vapor Screening and Site Documentation
Joseph Zetkulic	Weston Solutions Inc., START V, Region II	Mercury Vapor Screening and Site Documentation

### 4.0 Site Activities and Observations

START V completed the following site activities and documented the following observations.

#### 4.1 Post-Removal Mercury Vapor Screening

From June 23, 2022, through September 1, 2022, START V mobilized to the site to conduct Hg vapor screening of concrete footers and exposed soil throughout the footprints of former Buildings B and C as directed by the on-site OSC. Screening results were recorded in a Survey 123 electronic data management application and uploaded to a cloud-based server as the data were collected. Screening results were then plotted on field figures for OSC use. Screening results were compared to the SSMVL of 25  $\mu\text{g}/\text{m}^3$  and used to determine if soil grids in each former building footprint

needed to be further excavated or if concrete footers needed to be removed for disposal off-site. If additional excavation or concrete footer removal was conducted, follow-up Hg vapor screening was conducted to verify that soil or concrete footer removal was sufficient to address Hg impacts. Soil removal and re-screening were performed iteratively until removal goal were achieved. Hg vapor screening methodology is described in subsequent sections.

From August 3 through September 5, 2023, START V mobilized to the site to conduct Hg vapor screening of concrete footers and exposed soil throughout the footprints of former Building A and the former courtyard areas between the former Buildings as directed by the on-site OSC. Screening results were used to determine if grids in each former building footprint and the former courtyard needed to be further excavated or if sections within each area needed additional remedial efforts. If additional excavation or concrete footer removal was conducted, follow-up Hg vapor screening was conducted to verify that soil or concrete footer removal was sufficient to address Hg impacts. Screening results were used to determine if grids in each former building footprint needed to be further excavated or if concrete footers needed to be removed. At the discretion of the on-site OSC, additional excavation or footer removal was performed until the SSMVL of 25  $\mu\text{g}/\text{m}^3$  was achieved. If additional excavation or concrete footer removal was conducted, follow-up Hg vapor screening was conducted to verify that soil or concrete footer removal was sufficient to address Hg impacts. Hg vapor screening methodology is described in subsequent sections.

During this mobilization, START V also conducted additional Hg vapor screening of the surficial soil surface in former Building B grids due to grading and equipment storage that occurred in the former Building B footprint after the initial former Building B excavation was completed. The footers located in former Building B were not re-screened as screening efforts were conducted from June 23, 2022 through September 2, 2022 and mercury impacted footers were removed at that time. Screening results were recorded in Survey 123 and uploaded to a cloud-based server as the data were collected. Screening results were then plotted on field figures for OSC use.

#### **4.1.1 Mercury Vapor Screening Methodology**

START V conducted screening for Hg vapor using a Lumex 915 + MVA, a Lumex 915 M MVA, a Jerome J405 MVA, and/or a Jerome J505 MVA. The purpose of the screening was to identify areas of the site that were potentially contaminated with elemental Hg or confirm areas that were below the SSMVL. For screening data tracking purposes, START V adopted an alpha-numeric soil grid and footer nomenclature that was previously established by GE contractors.

##### **4.1.1.1 Footer Mercury Vapor Screening**

Prior to START V's mobilizations to the site, GE contractors demolished former Buildings A, B, and C, exposing the concrete building footers that supported the former buildings.

For footers in the former Building C area, soil around the footers was excavated by GE contractors to expose the sides of the footers to the depth of the bottom of each footer before screening began. Each footer was screened for Hg in open air (without polyethylene [poly] sheeting) and visually inspected for Hg. Building C area footers were then covered with poly sheeting for screening with the poly draped over the top and exposed sides of the footers. After former Building C footer

screening was complete, the soil piles that were excavated from around the footers was covered with poly sheeting and screened for Hg before being used to backfill the inspection excavations around each footer.

In former Building B, GE contractors screened the former Building B footprint under poly sheeting and developed a soil removal plan to address Hg impacts that were identified in the initial screening. GE contractors removed 1 to 2 feet of soil thickness based on their initial screening event. Footers in former Building B were partially exposed due to selective removal of Hg-impacted soil. Following the initial GE contractor soil screening and removal, START V conducted a complete re-screening of the new soil surface within the former Building B footprint concurrently with screening the partially-exposed footers within the former Building B footprint.

In former Building A, the footers were initially screened prior to excavating soil from surrounding the footers. Footers were subsequently exposed based on the Supplemental Project Operations Plan (SPOP) – Building A East Footer and Soil Removal (April 13, 2023). In accordance with the SPOP, GE contractors excavated soil around select footers to a depth of 1 foot below the base of the footer. Footers with Hg impacts were removed for off-site disposal. For footers that remained in place, poly sheeting was draped over the exposed footers for screening. Footers along the former building footprint wall were exposed on one side of each footer to avoid destabilizing adjacent structures such as sidewalks and public roads. Select footers within the former Building A footprint were exposed by removing soil on all four sides of the footers.

To conduct Hg vapor screening of the interior concrete footers of the former buildings, the footers and soil surrounding each footer location were covered with a 12 foot (ft) x 12 ft section of black poly sheeting. To limit the loss of Hg vapors from under the poly sheeting due to the movement of air entering under the poly sheeting, sections of black iron pipe were placed along the entire perimeter of each poly sheet.

A total of nine evenly distributed screening points were cut into the poly sheeting: one on top of the footer (top), one on each side of the footer (north, east, south, and west), and one above the soil adjacent to each side of the footer (north soil, east soil, south soil, and west soil). To further limit the loss of Hg vapors, the penetrations in the poly were covered with tape and resealed between each screening. Each screening location was allowed to heat in the sun for approximately 10 minutes, after which Hg vapor screening was performed using a Lumex 915 + MVA, a Lumex 915 M MVA, a Jerome J405 MVA, and/or a Jerome J505 MVA. The description of the weather conditions (temperature and cloud cover), location number of the footer, Hg screening result, and poly sheeting temperature (measured with a digital temperature gun), were recorded in a site-specific Survey123 application. When the screening of all predetermined points was completed, the poly sheeting was moved to the next footer and the process was repeated.

The building perimeter (exterior) footers were partly bound by the concrete foundation of the former buildings. The size of the black poly sheet used for the exterior footers screening was 6 ft x 6 ft. Five screening points were selected as: one on top of the footer (top), three points on the exposed sides of the footer (south, west, north, and/or east), and one above the soil adjoined to the most exposed side of the footer (north soil, east soil, south soil, or west soil). Each screening location was allowed to heat in the sun for approximately 10 minutes, after which Hg vapor screening was performed using a Lumex 915 + MVA, a Lumex 915 M MVA, a Jerome J405 MVA,

and/or a Jerome J505 MVA. The description of the weather conditions (temperature and cloud cover), location number of the footer, Hg screening result, and poly sheeting temperature (measured with a digital temperature gun) were recorded in a site-specific Survey123 application. When the screening of all the selected points was completed, the poly sheeting was moved to the next footer and the process was repeated.

#### **4.1.1.2 Soil Mercury Vapor Screening**

Prior to START V's mobilization to the site, GE contractors demolished former Buildings A, B, and C, and the courtyard areas, exposing the soil beneath.

To conduct a Hg vapor screening of the soil grids between the concrete footers within the footprints of the former buildings and courtyard, the soil within each grid was covered with a 20 ft x 20 ft section of black poly sheeting. To limit the loss of Hg vapors from under the poly sheeting due to the movement of air under the poly sheeting, sections of black iron pipe were placed around the entire perimeter of the poly sheet.

A total of 13 evenly distributed screening points were cut into the poly sheeting: nine total points in rows of three in the center of the poly sheeting and one at each corner. To further limit the loss of Hg vapors, the penetrations in the poly were covered with tape and resealed between each screening. Each screening location was allowed to heat in the sun for approximately 10 minutes, after which Hg vapor screening was performed using a Lumex 915 + MVA, a Lumex 915 M MVA, a Jerome J405 MVA, and/or a Jerome J505 MVA. The description of the weather conditions (temperature and cloud cover), location number of the footer, Hg screening result, and poly sheeting temperature (measured with a digital temperature gun) were recorded in a site-specific Survey123 application. When the screening of all predetermined points was completed, the poly sheeting was moved to the next grid and the process was repeated.

#### **4.1.1.3 Former Building B North Trench Soil Mercury Vapor Screening**

During START V's mobilization to the site, GE contractors uncovered a Hg-impacted pipe in the north section of former Building B. Excavation conducted to remove the pipe created the North Trench. This specific pipe ran the entire length of the north edge of former Building B. As a result, START V assigned an alpha-numerical identification number system based on existing alpha-numerical grid structures to track Hg vapor screening results collected from within the North Trench. To conduct a Hg vapor screening of the North Trench in the former Building B footprint, the soil in the trench was covered by with a 9 ft x 3 ft section of black poly sheeting. Due to the space constraints in the trench, only three sublocations were screened per section of poly sheeting.

A total of three evenly distributed screening points were cut into the poly sheeting. To further limit the loss of Hg vapors, the penetrations in the poly were covered with tape and resealed between each screening. Each screening location was allowed to heat in the sun for approximately 10-minutes, after which Hg vapor screening was performed using a Lumex 915 + MVA, a Lumex 915 M MVA, a Jerome J405 MVA, and/or a Jerome J505 MVA. The description of the weather conditions (temperature and cloud cover), location number of the footer, screening result, and poly

sheeting temperature (measured with a digital temperature gun) were recorded in a site- specific Survey123 application. When the screening of all predetermined points was completed, the poly sheeting was moved to the next location and the process was repeated.

#### **4.1.2 Mercury Vapor Screening Results**

Results of Hg vapor screening are described in the following sections.

##### **4.1.2.1 Former Building A Mercury Vapor Screening Results**

A total of 160 areas were screened as part of the screening of former Building A, using a Lumex 915 + MVA and/or Jerome J405 MVA. The 160 areas screened were composed of 63 interior footers and 97 grids. GE contractors iteratively removed soil that exceeded the SSMVL based on screening results. If an SSMVL exceedance was detected, GE contractors selectively removed the impacted soil and the soil was re-screened by START V. The iterative process of screening and selective soil removal continued until SSMVL exceedances were no longer detected. After GE contractors removed soils with Hg vapor readings exceeding the SSMVL, the highest Hg screening results obtained during the screening activities of the soil grids inside the footprint of former Building A indicated a maximum MVA readings of  $9.043 \mu\text{g}/\text{m}^3$  at screening location Grid-A-11B-4, below the SSMVL.

Based on Hg survey results, interior footers (A1, A2, A3, A4, B1, B2, B3, B4, C1, C2, C3, C4, C5, C6, C7, D1, and D2) from the footprint of Former Building A were removed for off-site disposal. After footers were removed, the remaining soil from the footer locations was screened for Hg vapor in the same manner as if the footer was present. The highest results obtained during the screening activities of the footers or soil beneath former footers in the footprint of former Building A indicated a maximum MVA readings of  $9.318 \mu\text{g}/\text{m}^3$  at screening location Footer-A-A5-S, below the SSMVL. Refer to Attachment A: Figures: Figure 3: Vo Toys Final Mercury Screening Results – Soil Screening Building A and Figure 4: Vo Toys Final Mercury Screening Results – Footer Screening Building A; and Attachment B: Tables: Table 1: Former Building A Mercury Vapor Screening Results - Soil Screening Summary Table, and Table 2: Former Building A Mercury Vapor Screening Results - Footer Screening Summary Table.

##### **4.1.2.2 Former Building B Mercury Vapor Screening Results**

START V began soil and footer screening in former Building B on June 23, 2022, after GE contractors completed an initial screening event and performed initial impacted soil removal. During the START V screening event, a total of 125 areas were screened as part of the screening of former Building B, using a Lumex 915 + MVA and/or Jerome J405 MVA. The 125 areas screened were composed of 33 interior footers, 32 exterior footers, 48 grids and 12 north trench grids.

GE contractors removed additional soil that exceeded the SSMVL based on START V screening results collected in June and July of 202. If an SSMVL exceedance was detected, GE contractors selectively removed the impacted soil and the soil was re-screened by START V. GE contractors completed selective removal of Hg-impacted soil in early August, 2022. START V repeated screening of the former Building B footprint in late August of 2022. GE contractors iteratively removed soil that exceeded the SSMVL based on screening results. If an SSMVL exceedance was



detected, GE contractors selectively removed the impacted soil and affected grids were re-screened by START V. The iterative process of screening and selective soil removal continued until SSMVL exceedances were no longer detected. The iterative process of screening and selective soil removal continued until SSMVL exceedances were no longer detected and was completed on September 1, 2022. After completion of the iterative soil removal and re-screening was completed, the highest Hg screening results obtained during the screening activities of the soil grids inside the footprint of former Building B indicated MVA readings of  $20.89 \mu\text{g}/\text{m}^3$  at screening location Grid-B-12A-2, below the SSMVL and the highest Hg screening grid average result was  $6.34 \mu\text{g}/\text{m}^3$  for A12 grid.

The interior areas of former Building B were subsequently re-graded to level the surface for equipment staging for later work in other areas of the site. Following re-grading, START V re-screened the soil grids throughout the former Building B footprint in August 2023 to assess potential Hg tracking into the area by heavy equipment. No SSMVL exceedances were detected during the August 2023 former Building B re-screening event.

Based on Hg screening results, interior footers (B1, B2, B3, B4, B5, B6, B7, B8, B12, B13, B23, B24, and B25) and exterior footers (B34, B35, B36, B37, B38, B39, B40, B41, B42, B43, and B44) from the footprint of Former Building B were removed for off-site disposal. After footers were removed, the remaining soil from the footer locations was screened for Hg vapor in the same manner as if the footer was present. After the select footers were removed, the highest results obtained during the screening activities of the footers or soil beneath former footers in the footprint of former Building B indicated MVA readings of  $16.91 \mu\text{g}/\text{m}^3$  at screening location Footer-B-38-T, below the SSMVL. Refer to Attachment A: Figures: Figure 5: Vo Toys Final Mercury Screening Results – Soil Screening Courtyard, Figure 6A: Vo Toys Final Mercury Screening Results – Soil Screening Building B 2022, Figure 6B: Vo Toys Final Mercury Screening Results – Soil Screening Building B 2023, and Figure 7: Vo Toys Final Mercury Screening Results – Footer Screening Building B; and Attachment B: Tables: Table 3: Courtyard Mercury Vapor Screening Results - Soil Screening Summary Table, Table 4A: Former Building B Mercury Vapor Screening Results - Soil Screening Summary Table 2022, Table 4B: Former Building B Mercury Vapor Screening Results - Soil Screening Summary Table 2023, and Table 5: Former Building B Mercury Vapor Screening Results - Footer Screening Summary Table.

#### **4.1.2.3 Former Building C Mercury Vapor Screening Results**

A total of 28 grids were screened as part of the screening of former Building C utilizing a Lumex 915 + MVA and Jerome J405 MVA. START V completed an initial screening of all 28 soil grids in the former Building C footprint in late June, 2022. GE contractors removed Hg impacted soil based on initial screening results. After soil removal, the excavated areas were re-screened by START V and soil was iteratively removed based on screening results. START V provided field maps to the on-site OSCs depicting screening results for each screening point as well as average Hg vapor concentrations for each grid. GE contractors iteratively removed soil that exceeded the SSMVL based on screening results. If an SSMVL exceedance was detected, GE contractors selectively removed the impacted soil and affected grids were re-screened by START V. The iterative process of screening and selective soil removal continued until SSMVL exceedances were no longer detected. Remedial excavations included soil removal to depths of up to 12 feet below ground surface (bgs) in the northeast corner (soil grids A1 and A2) of the former Building C

footprint based on Hg screening results.

After GE contractors removed soils with Hg vapor readings exceeding the SSMVL and the iterative soil removal process was complete, the highest screening results obtained from the soil grids in former Building C indicated MVA readings of 20.46  $\mu\text{g}/\text{m}^3$  at screening location Grid-C-3C-11, below the SSMVL and the highest Hg screening grid average result was 9.37  $\mu\text{g}/\text{m}^3$ , detected in grid A7. Refer to Attachment A: Figures: Figure 8: Vo Toys Final Mercury Screening Results – Soil Screening Building C and Attachment B: Tables: Table 6: Former Building C Mercury Vapor Screening Results - Soil Screening Summary Table.

#### **4.1.2.4 Former Courtyard Mercury Vapor Screening Results**

A total of 55 grids were screened as part of the screening of courtyard areas utilizing a Lumex 915 + MVA and Jerome J405 MVA. After GE contractors removed unearthened pipes, completed soil loadout operations, backfilled necessary areas, and remediated soils with Hg vapor readings exceeding the SSMVL, the highest Hg screening results obtained during the screening activities of the soil grids inside the former courtyard areas resulted in a maximum MVA readings of 4.303  $\mu\text{g}/\text{m}^3$  at screening location Grid-CT-7F-10, below the SSMVL. Refer to Attachment A: Figures: Figure 5: Vo Toys Final Mercury Screening Results – Soil Screening Courtyard and Attachment B: Tables: Table 3: Courtyard Mercury Vapor Screening Results - Soil Screening Summary Table.

## **4.2 Removal Action Oversight**

START V conducted oversight of GE contractors as directed by the OSC to ensure compliance with the SPOPs. The SPOPs were agreed upon by EPA and GE and included the Supplemental POP – Building A East Footer and Soil Removal (April 13, 2013), Supplemental POP - Building B/C Courtyard Piping Removal and Asbestos Pipe Abatement (May 19, 2023), and Supplemental POP - Courtyard and Building A Piping Removal (July 5, 2023).

From May 17 to June 2, 2023, START V mobilized to the site to conduct Hg screening and oversight of the GE contractors. During this mobilization, free elemental Hg was found in or beneath several footers in the east side of former Building A. All footers that were exposed and found to have free elemental Hg were marked for removal and disposal. START V oversaw the loadout of hazardous and non-hazardous material from impacted footers and soils for off-site disposal.

From August 4 through September 5, 2023, START V conducted PRP oversight to ensure compliance with the SPOPs, including subsurface pipe excavation and removal procedures. During this timeframe, several pipes were uncovered during the final stages of excavation in former Building A and the courtyard areas. All piping was treated as if it contained Hg. Once a pipe was discovered, the pipe was unearthened by manual excavation. Piping was assessed by visual inspection for elemental Hg and the inside of the pipes were screened using a Jerome J405 MVA.

### **4.2.1 TCE Excavation Oversight**

From February 13, 2023, to March 6, 2023, GE contractors completed an excavation to remediate TCE-contaminated soil located in the former courtyard between former Buildings A and B near

the east entrance gate to the site. The TCE excavations was performed under management by the site's NJ Licensed site Remediation Professional (LSRP). START V was tasked with conducting site oversight during remedial excavations for TCE. Prior to the completion of the TCE excavation, GE contractors mobilized heavy equipment, a job trailer, and site supplies, and installed a temporary access road across the site. The temporary access road consisted of a base layer of geotextile fabric, dual layer woven poly sheeting, and a top layer of gravel.

After the temporary access road was installed, three areas were created for temporary storage of excavated materials and removed subsurface piping. Temporary storage areas were located along the temporary access road inside the footprint of former Building A, near the entrance to the temporary access road, and along the TCE excavation area. The temporary storage areas were created with a perimeter of silt sock, a base layer of geotextile fabric, and a top layer of dual layer woven poly sheeting.

Excavations consisted of two discrete phases for hazardous materials and non-hazardous materials. The first five ft bgs of each excavation cell were identified based on previous sampling as non-hazardous soil and were stored in the temporary non-hazardous soil staging area. Non-hazardous soils were actively loaded out for off-site disposal to ensure that the temporary non-hazardous storage area did not accumulate to an unmanageable size. Hazardous soil (5.1 ft bgs to 17 ft bgs) was staged on site for off-site disposal at a later date. Hazardous soil was identified as containing TCE at RCRA hazardous levels in past sampling. During hazardous soil excavations, several underground pipes were discovered. All piping was treated as if it contained Hg. Once a pipe was discovered, the pipe was unearthed by manual excavation. START V provided oversight to ensure that procedures for exposing and removing the piping were followed. All piping was assessed based upon the procedures set forth under the SPOPs.

To limit the possibility of a collapse during excavation activities, temporary trench boxes were installed in each excavation cell. In total, four cells were excavated to an approximate depth of 17 ft bgs.

#### **4.2.2 Soil Mercury Vapor Screening Former Building A - DPT Event**

From January 30, 2023, to February 8, 2023, GE contractors completed a DPT soil boring event to collect soil cores from within the footprint of former Building A. The DPT event was conducted to provide data for the GE LSRP that would oversee remediation and environmental management efforts for the site after EPA concluded involvement at the site. The LSRP collected soil boring data to delineate the extent of Hg impacts in accordance with New Jersey Department of Environmental Protection (NJDEP) Technical Requirements. The DPT effort included borings of at least one boring per 900 square feet for horizontal delineation and a depth of at least 10 feet bgs for vertical delineation with soil samples collected for total Hg laboratory analysis. Soil cores were screened with MVA instruments at EPA request and soil samples for laboratory analysis were biased toward elevated MVA responses. GE contractors coordinated with a DPT subcontractor to collect continuous soil cores from select locations near the east end of Building A where post-remedial construction was expected to require excavation to approximately 15 feet bgs. The soil cores were advanced using a Geoprobe DPT machine equipped with a core barrel containing an acetate soil core liner. Soil cores were recovered and stored in 5-ft sections of core liner. After the liner tube was removed from the boring location, EPA or START V conducted Hg vapor screening

with a Jerome J405 MVA. Vapor readings were taken from the borehole headspace and from the ends of the acetate liner, which were then immediately capped. Cores in which elevated Hg vapors were detected at the time of collecting the soil core had their results written on the acetate sleeve with indelible ink.

START V assisted with screening headspace in the open boreholes as the soil cores were removed. Soil cores were placed into a heated tent and were stored on heated concrete curing mats and covered with a blanket overnight to allow for the retention of heat. START V oversaw the screening and processing of soil cores. During the processing of soil cores, START V recorded Hg vapor screening results measured with START V MVA instruments, documented abnormalities in soil lithology, and conducted oversight of the GE contractors. In addition, GE contractors collected soil samples from depth intervals within each soil core that indicated the highest Hg vapor reading. At the time of collecting each sample, the GE contractors retained a duplicate aliquot of soil in a glass soil sample jar for confirmation screening by START V and/or EPA. START V monitored temperatures with a digital temperature gun to ensure that screening was conducted with soil temperatures of at least 60 degrees Fahrenheit (°F).

During the soil core processing procedure, one depth interval within each core was selected based on Hg vapor concentration. Areas that indicated the highest reading were placed into a jar, labeled, and placed into a Ziplock bag. Each bag was then placed onto a concrete curing mat to heat. Once each jar was allowed to heat to a minimum of 60 °F and screened with a Lumex 915 + MVA and a Jerome J405 MVA, the maximum Hg vapor reading was recorded and communicated each day to the OSC. The GE contractor retained the soil with the highest Hg vapor reading from each core for laboratory analysis for Hg.

#### **4.2.2.1 Mercury Vapor Screening Results January and February 2023 – DPT Sampling Event**

From January 30, 2023, to February 8, 2023, GE contractors completed a DPT soil boring sampling event and processing of the collected soil cores from the footprint of former Building A. In total, approximately 58 soil borings were collected from the footprint of former building A. START V collected Hg vapor screening information on 30 boring locations resulting in 82 soil core Hg vapor screening results. Of the 82 boring readings collected, 19 Hg vapor screening results indicated readings that were above the SSMVL from borehole headspace. In addition, START V conducted borehole head space readings as the boreholes were advanced and the soil cores were removed from the boreholes on a total of 44 borings, resulting in 120 Hg vapor readings. Furthermore, START V conducted confirmatory Hg vapor screening as GE contractors processed the soil cores.

The highest results obtained during the screening activities reached 395 µg/m<sup>3</sup> for borehole A-D06-01 at 0.0 to 5.0 ft bgs. In the 0.0 to 5.0 ft bgs depth interval, the SSMVL was exceeded in five borehole locations. In the 0.0 to 10.0 depth interval, the SSMVL was exceeded in seven borehole locations with a maximum Hg screening concentration of 210 µg/m<sup>3</sup>. In the 0.0 to 15.0 depth interval, the SSMVL was exceeded in seven borehole locations with a maximum Hg screening concentration of 204 µg/m<sup>3</sup>. Refer to Attachment B: Tables: Table 7: Direct Push Technology Mercury Vapor Screening - Borehole Summary Table.

Eight borehole locations indicated Hg vapor readings inside the acetate sleeve (core headspace reading) above the SSMVL including A-A04-01, A-B04-01, A-C03-01, A-C04-01, A-D05-01, A-

D02-01, A-D03-01, A-D03-02, and A-E03-01. The maximum Hg vapor screening reading from core headspace was detected in the core collected from boring A-D03-02 at 10.0-15.0 ft bgs with a reading of greater than ( $>$ )  $999 \mu\text{g}/\text{m}^3$ . Refer to Attachment B: Tables: Table 7: Direct Push Technology Mercury Vapor Screening - Borehole Summary Table.

A total of 120 soil core depth interval samples from within the footprint of Former Building A from 48 boring locations were screened for Hg vapor utilizing a Lumex 915 + MVA and Jerome J405 MVA. Each depth interval was represented by a five-foot soil core.

The highest Hg vapor screening results from soil cores were  $> 999 \mu\text{g}/\text{m}^3$  for cores A-A03-01 at 5.0-6.0 ft bgs and A-C02-01 at 4.0-4.5 ft bgs. Hg vapor screenings from 13 depth intervals collected from nine boring locations exceeded the SSMVL. Refer to Attachment B, Table 8: Direct Push Technology Mercury Vapor Screening - Soil Core Summary Table.

A total of 186 head space jars sampled from soil cores collected from within the footprint of the former Building A were screened for Hg vapor utilizing a Lumex 915 + MVA and Jerome J405 MVA.

The highest Hg vapor screening result from head space jars was  $214.2 \mu\text{g}/\text{m}^3$  at A-D03-02. Hg vapor readings from 12 head space jars exceeded the SSMVL. Refer to Attachment, Table 9: Direct Push Technology Mercury Vapor Screening - Head Space Jars Summary Table.

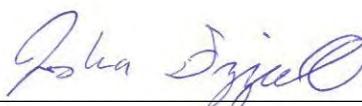
During the Building A East Footer and Soil Removal, completed in the Summer of 2023, all soil boring locations within the Building A footprint that exhibited elevated levels of mercury vapor were excavated for disposal offsite.

## 5.0 Conclusion

From June 23, 2022, through March 17, 2023, and May 30 through September 5, 2023, START V supported EPA's Removal Action activities at the site. START V's work at the site included oversight of GE Contractors during Removal Action and LSRP activities and extensive soil and concrete Hg screening in the building footprints and the courtyard areas. START V's Hg screening was used to assist in identifying soil and concrete impacted by elemental Hg which required removal by GE contractors. Following the removal of Hg impacted soil and concrete, START V screening was used by EPA to assess the Hg vapor levels in the surface of the site. START V final screening data confirmed the completion of the soil removal under the EPA Removal Action, allowing the transfer of the site to NJDEP.

**Report prepared by:**   
Sean Quinn  
START V Site Project Manager

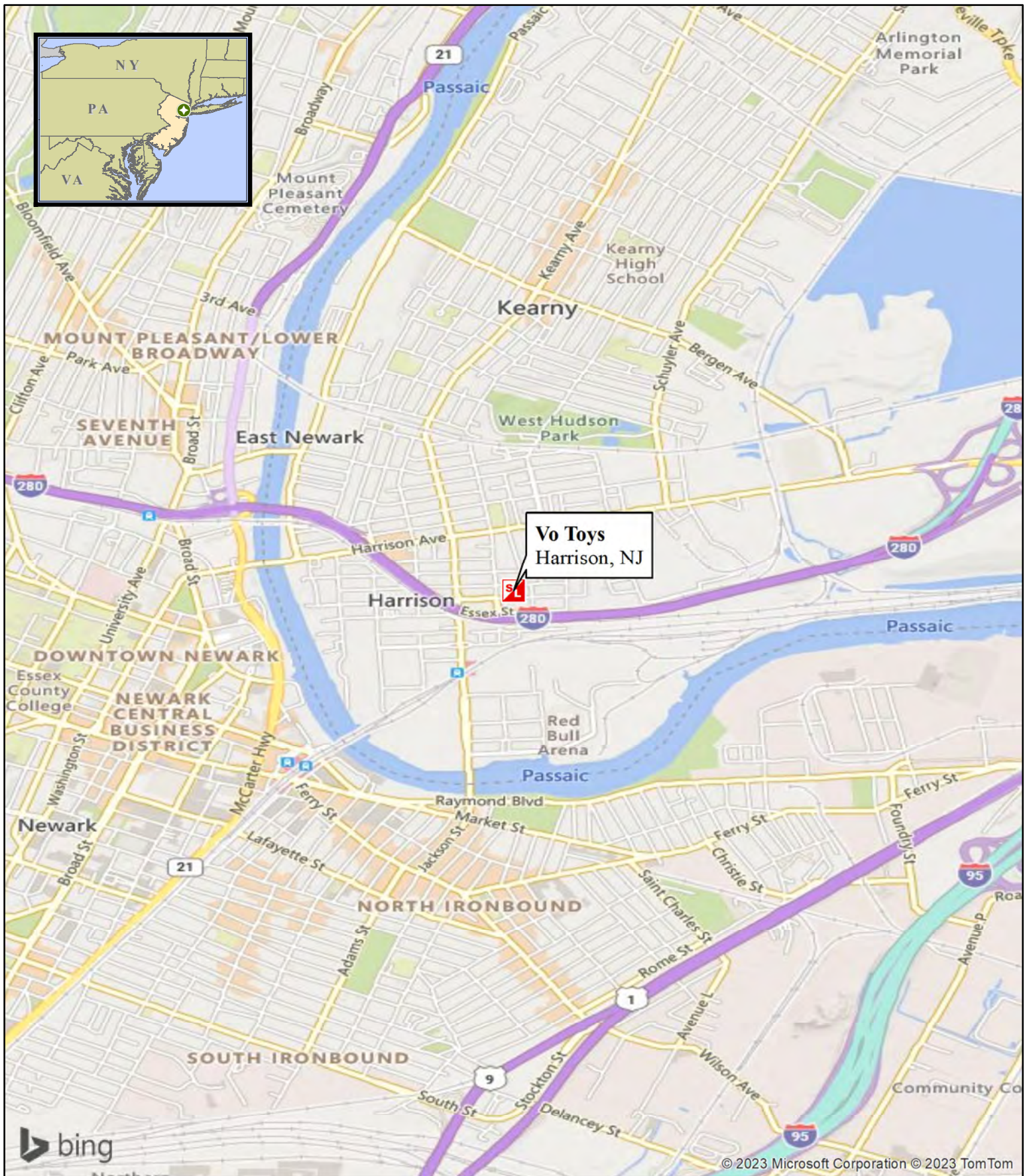
4/24/2024  
Date

**Report reviewed by:**   
Josh Frizzell  
START V Team Leader

4/24/2024  
Date

**Attachment A**  
Figures

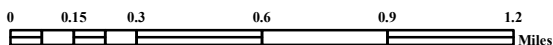




## Legend



Site Location



**Weston Solutions, Inc.**  
Federal East Division

In Association With  
Eco-Risk; Avatar Environmental, LLC;  
Pro-West & Associates, Inc.;  
On-Site Environmental, Inc.;  
Sovereign Consulting, Inc.; and TechLaw Consultants, Inc.

**Figure 1:  
Site Location Map**

Vo Toys  
Harrison, New Jersey

U.S. ENVIRONMENTAL PROTECTION AGENCY  
SUPERFUND TECHNICAL ASSESSMENT  
& RESPONSE TEAM V  
CONTRACT # 68HE0319D0004

GIS ANALYST:	S. QUINN
EPA OSC:	D. ROSSOFF
START V SPM:	S. QUINN
CHARGE #:	40200.051.930.5002

DATE MODIFIED: 9/28/2023

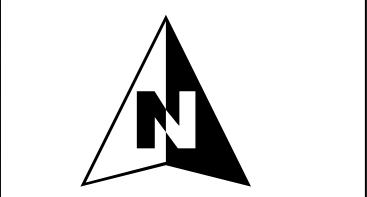




**SCALE**  
1:480

**LEGEND**  
— Former Building

Sources:  
Nearmap, www.nearmap.com. Imagery Date: 2/27/2022.



**FIGURE 2 - VO TOYS  
GENERAL SITE PLAN**

**400 South 5th Street  
Harrison, New Jersey**

**UNITED STATES ENVIRONMENTAL  
PROTECTION AGENCY  
SUPERFUND TECHNICAL ASSESSMENT  
& RESPONSE TEAM V  
CONTRACT # 68HE0319D0004**

**Weston Solutions, Inc.**

In Association With  
Eco-Risk, Avatar Environmental, LLC,  
Pro-West & Associates, Inc.,  
On-Site Environmental, Inc., Sovereign Consulting, Inc.,  
and TechLaw Consultants, Inc.

GIS ANALYST:	S. QUINN
EPA OSC:	D. ROSOFF
START V SPM:	S. QUINN
FILENAME:	2300928_VO_Toys_General_Site_Plan.mxd
FIGURE	3
REVISION	0
DATE MODIFIED	9/28/2023







PA NY CT  
MD NJ  
ATLANTIC OCEAN

**SCALE**

1:420

**LEGEND**

**Mercury Result**

- <5 µg/m³
- 5.0 - 10.0 µg/m³

**Grid**

- Grid

**Former Building**

- Existing Footer

**Footer Drilled**

- Footer drilled; no mercury impacts observed

**Footer Excavated**

- Footer excavated\*; no mercury impacts observed
- Footer excavated\*; mercury impacts observed

**Footer Removed**

- Footer removed; no mercury impacts observed
- Footer removed; mercury impacts observed

\* Soil was excavated around selected footers to allow for visual assessment and mercury vapor screening. For interior footers, soil was excavated to the top of the footer base on all footers and one foot below on at least one side. For perimeter footers, soil was excavated 1 foot below footer base on the building facing side only. The exposed footer was covered with polyethylene sheeting for 15 minutes, then mercury vapor readings collected from under sheeting.

Notes:

1. µg/m³ - micrograms per cubic meter
2. Grid E21 and part of Grid E18 were not screened due to water inundation in the area.
3. In instances where locations were screened with two detectors the higher of the two results was used

Sources:

Nearmap, www.nearmap.com Imagery Date: 3/5/2023

**FIGURE 3: VO TOYS FINAL MERCURY SCREENING RESULTS – SOIL SCREENING BUILDING A**

**400 South 5th Street  
Harrison, New Jersey**

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**  
SUPERFUND TECHNICAL ASSESSMENT  
& RESPONSE TEAM V  
CONTRACT # 68HE0319D0004

Weston Solutions, Inc.

In Association With  
Eco-Risk, Avatar Environmental, LLC,  
Pro-West & Associates, Inc.,  
On-Site Environmental, Inc., Sovereign Consulting, Inc.,  
and TechLaw Consultants, Inc.

GIS ANALYST	K. HEULITT
EPA OSC	D. ROSOFF
START V SPN	S. QUINN
CHARGE #	40200.051.930.5002
FIGURE	3
REVISION	0
DATE MODIFIED	12/15/2023

**WESTON SOLUTIONS**





**SCALE**

1:420

**LEGEND**

**Mercury Result**

- $<5 \mu\text{g}/\text{m}^3$
- $5.0 - 10.0 \mu\text{g}/\text{m}^3$

— Grid

— Former Building

— Existing Footer

**Footer Drilled**

— Footer drilled; no mercury impacts observed

**Footer Excavated**

— Footer excavated\*; no mercury impacts observed

— Footer excavated\*; mercury impacts observed

**Footer Removed**

— Footer removed; no mercury impacts observed

— Footer removed; mercury impacts observed

**Notes**  
1.  $\mu\text{g}/\text{m}^3$  - micrograms per cubic meter  
2. Footer B1 was not screened due to water inundation in the area.  
3. In instances where locations were screened with two detectors the higher of the two results was used.

**Sources:**  
Nearmap, www.nearmap.com. Imagery Date: 3/5/2023.

**FIGURE 4: VO TOYS FINAL MERCURY SCREENING RESULTS – FOOTER SCREENING BUILDING A**

**400 South 5th Street  
Harrison, New Jersey**

**UNITED STATES ENVIRONMENTAL  
PROTECTION AGENCY  
SUPERFUND TECHNICAL ASSESSMENT  
& RESPONSE TEAM V  
CONTRACT # 68HE0319D0004**

**Weston Solutions, Inc.**

In Association With  
Eco-Risk, Avatar Environmental, LLC,  
Pro-West & Associates, Inc.,  
On-Site Environmental, Inc., Sovereign Consulting, Inc.,  
and TechLaw Consultants, Inc.

GIS ANALYST:	K HEULITT
EPA OSC:	D. ROSSOFF
START V SPM:	S. QUINN
CHARGE #:	40200.051.930.5002
FIGURE	4
REVISION	0
DATE MODIFIED	12/15/2023







**SCALE**  
1:420

**LEGEND**

**Mercury Result**

- $<5 \mu\text{g}/\text{m}^3$
- Grid
- Former Building

\*: Soil was excavated around selected footers to allow for visual assessment and mercury vapor screening. For interior footers, soil was excavated to the top of the footer base on all footers and one foot below on at least one side. For perimeter footers, soil was excavated 1 foot below footer base on the building facing side only. The exposed footer was covered with polyethylene sheeting for 15 minutes, then mercury vapor readings collected from under sheeting.

Notes:

1.  $\mu\text{g}/\text{m}^3$  - micrograms per cubic meter
2. In instances where locations were screened with two detectors the higher of the two results was used.

Sources:  
Nearmap. [www.nearmap.com](http://www.nearmap.com). Imagery Date: 3/5/2023.

**FIGURE 5: VO TOYS FINAL  
MERCURY SCREENING RESULTS –  
SOIL SCREENING COURTYARD**

**400 South 5th Street  
Harrison, New Jersey**

**UNITED STATES ENVIRONMENTAL  
PROTECTION AGENCY  
SUPERFUND TECHNICAL ASSESSMENT  
& RESPONSE TEAM V  
CONTRACT # 68HE0319D0004**

Weston Solutions, Inc.

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Pro-West & Associates, Inc.,  
On-Site Environmental, Inc., Sovereign Consulting, Inc.,  
and TechLaw Consultants, Inc.

GIS ANALYST:	K. HEULITT
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CHARGE #:	40200.051.930.5002
FIGURE #:	5
REVISION	0
DATE MODIFIED	10/17/2023







**SCALE**

1:240

**LEGEND**

- Mercury Result**
- <5 µg/m³
  - 5.0 - 10.0 µg/m³
  - 10.0 - 24.9 µg/m³
- Grid
- Former Building
- Existing Footing
- Removed Footing

Notes:  
1. µg/m³ - micrograms per cubic meter.  
2. In instances where locations were screened with two detectors the higher of the two results was used.

Sources:  
Nearmap. www.nearmap.com. Imagery Date: 2/27/2022.

**FIGURE 6A: VO TOYS FINAL MERCURY SCREENING RESULTS - SOIL SCREENING BUILDING B 2022**

400 South 5th Street  
Harrison, New Jersey

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
SUPERFUND TECHNICAL ASSESSMENT & RESPONSE TEAM V  
CONTRACT # 68HE0319D0004

Weston Solutions, Inc.

In Association With  
Eco-Risk, Avatar Environmental, LLC,  
Pro-West & Associates, Inc.,  
On-Site Environmental, Inc., Sovereign Consulting, Inc.,  
and TechLaw Consultants, Inc.

GIS ANALYST	K. HEULITT
EPA OSC	D. ROSOFF
START V SPM	S. QUINN
CHARGE #	40200.051.930.5002
FIGURE	6A
REVISION	0
DATE MODIFIED	12/15/2023







**SCALE**

1:240

**LEGEND**

**Mercury Result**

- $<5 \mu\text{g}/\text{m}^3$
- Grid
- Former Building
- Existing Footing
- Removed Footing

Notes:  
1.  $\mu\text{g}/\text{m}^3$  - micrograms per cubic meter  
2. Screening locations with results greater than or equal to  $5 \mu\text{g}/\text{m}^3$  are labelled with the result.  
3. In instances where locations were screened with two detectors the higher of the two results was used.

Sources:  
Nearmap. www.nearmap.com. Imagery Date: 3/5/2023.

**FIGURE 6B: VO TOYS FINAL  
MERCURY SCREENING RESULTS –  
SOIL SCREENING BUILDING B 2023**

**400 South 5th Street  
Harrison, New Jersey**

**UNITED STATES ENVIRONMENTAL  
PROTECTION AGENCY  
SUPERFUND TECHNICAL ASSESSMENT  
& RESPONSE TEAM V  
CONTRACT # 68HE0319D0004**

**Weston Solutions, Inc.**

In Association With  
Eco-Risk, Avatar Environmental, LLC,  
Pro-West & Associates, Inc.,  
On-Site Environmental, Inc., Sovereign Consulting, Inc.,  
and TechLaw Consultants, Inc.

GIS ANALYST:	K. HEULITT
EPA OSC:	D. ROSEFF
START V SPM:	S. QUINN
CHARGE #:	40200.051.930.5002
FIGURE	6B
REVISION	0
DATE MODIFIED	10/17/2023







#### SCALE

1:240

#### LEGEND

##### Mercury Result

- <5 µg/m<sup>3</sup>
- 5.0 - 10.0 µg/m<sup>3</sup>
- 10.0 - 24.9 µg/m<sup>3</sup>

- Grid
- Former Building
- Existing Footing
- Removed Footing

Notes:  
1. µg/m<sup>3</sup> - micrograms per cubic meter.  
2. In instances where locations were screened with two detectors the higher of the two results was used.

Sources:  
Neamap. www.neamap.com. Imagery Date: 2/27/2022.

#### FIGURE 7: VO TOYS FINAL MERCURY SCREENING RESULTS – FOOTER SCREENING BUILDING B

400 South 5th Street  
Harrison, New Jersey

UNITED STATES ENVIRONMENTAL  
PROTECTION AGENCY  
SUPERFUND TECHNICAL ASSESSMENT  
& RESPONSE TEAM V  
CONTRACT # 68HE0319D0004

Weston Solutions, Inc.

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Pro-West & Associates, Inc.,  
On-Site Environmental, Inc., Sovereign Consulting, Inc.,  
and TechLaw Consultants, Inc.

GIS ANALYST	K. HEULITT
EPA OSC	D. ROSOFF
START V SPM	S. QUINN
CHARGE #	40200.051.930.5002
FIGURE	7
REVISION	0
DATE MODIFIED	12/15/2023









**Attachment B**  
Tables



**Table 1: Former Building A Mercury Vapor Screening Results - Soil Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 3 through September 5, 2023**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Grid-A-0A-1	87.7	8/3/2023	0.229
Grid-A-0A-2	94.3		0.073
Grid-A-0A-3	93.1		0.049
Grid-A-0A-4	87.6		0.03
Grid-A-0A-5	82.8		0.037
Grid-A-0A-6	91.2		0.065
Grid-A-0A-7	86		0.118
Grid-A-0A-8	82.4		0.073
Grid-A-0A-9	88.4		0.039
Grid-A-0A-10	92.3		0.062
Grid-A-0A-11	98.6		0.099
Grid-A-0A-12	82.2		0.034
Grid-A-0A-13	84.4		0.033
Grid-A-0B-1	90.4		0.181
Grid-A-0B-2	100.3		0.321
Grid-A-0B-3	101.9		0.265
Grid-A-0B-4	87.4		0.181
Grid-A-0B-5	79.5		0.031
Grid-A-0B-6	92.9		0.378
Grid-A-0B-7	98.2		0.107
Grid-A-0B-8	89		0.176
Grid-A-0B-9	95.7		0.061
Grid-A-0B-10	92.1		0.8
Grid-A-0B-11	111.2		0.131
Grid-A-0B-12	86.3		0.255
Grid-A-0B-13	93.2		0.038
Grid-A-0C-1	108.6		1.368
Grid-A-0C-2	119.9		2.274
Grid-A-0C-3	114.5		0.793
Grid-A-0C-4	91.4		0.288
Grid-A-0C-5	86.4		0.245
Grid-A-0C-6	104.5		2.063
Grid-A-0C-7	97.3		0.063
Grid-A-0C-8	102.1		0.168
Grid-A-0C-9	107.3		0.196
Grid-A-0C-10	109.3		0.311
Grid-A-0C-11	112.9		3.034
Grid-A-0C-12	113		0.351
Grid-A-0C-13	87.2		0.036
Grid-A-0D-1	108.8		0.151
Grid-A-0D-2	119.8		0.636
Grid-A-0D-3	96.4		0.347
Grid-A-0D-4	112.9		0.425
Grid-A-0D-5	95.6		0.214
Grid-A-0D-6	114.2		2.048
Grid-A-0D-7	108.2		1.778
Grid-A-0D-8	107.3		0.415
Grid-A-0D-9	103.4		0.603
Grid-A-0D-10	104.6		0.467
Grid-A-0D-11	107.9		1.505
Grid-A-0D-12	120		0.312
Grid-A-0D-13	95.2		0.05

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 1: Former Building A Mercury Vapor Screening Results - Soil Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 3 through September 5, 2023**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Grid-A-0E-1	99.7	8/3/2023	0.251
Grid-A-0E-2	106.2		0.782
Grid-A-0E-3	106.7		0.638
Grid-A-0E-4	105		0.416
Grid-A-0E-5	99.1		1.117
Grid-A-0E-6	106.2		0.751
Grid-A-0E-7	106.1		0.733
Grid-A-0E-8	96.5		0.333
Grid-A-1A-1	93.1		0.232
Grid-A-1A-2	90.9		0.573
Grid-A-1A-3	89.3		0.554
Grid-A-1A-4	89.5		0.652
Grid-A-1A-5	90.1		1.896
Grid-A-1A-6	89.9		0.18
Grid-A-1A-7	93.5		0.392
Grid-A-1A-8	87.9		0.201
Grid-A-1A-9	87.3		0.045
Grid-A-1A-10	90		0.122
Grid-A-1A-11	101.7		0.051
Grid-A-1A-12	97.4		0.053
Grid-A-1A-13	93.7		0.055
Grid-A-1B-1	107.6		0.291
Grid-A-1B-2	108.6		0.389
Grid-A-1B-3	107.9		2.163
Grid-A-1B-4	107.4		2.555
Grid-A-1B-5	101.9		0.508
Grid-A-1B-6	100.1		1.122
Grid-A-1B-7	100.2		1.948
Grid-A-1B-8	102.4		2.089
Grid-A-1B-9	94.9		0.212
Grid-A-1B-10	94.2		0.478
Grid-A-1B-11	99.1		0.578
Grid-A-1B-12	98.7		0.871
Grid-A-1B-13	100.9		0.696
Grid-A-1C-1	119.8		0.058
Grid-A-1C-2	131.4		0.057
Grid-A-1C-3	131.5		0.421
Grid-A-1C-4	102		0.76
Grid-A-1C-5	105.4		0.63
Grid-A-1C-6	122.5		0.109
Grid-A-1C-7	124.3		0.644
Grid-A-1C-8	121.7		1.706
Grid-A-1C-9	103.1		0.039
Grid-A-1C-10	103.6		0.082
Grid-A-1C-11	106.1		0.132
Grid-A-1C-12	128.6		1.562
Grid-A-1C-13	116.4		0.217

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 1: Former Building A Mercury Vapor Screening Results - Soil Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 3 through September 5, 2023**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Grid-A-1D-1	121.8	8/3/2023	0.123
Grid-A-1D-2	102.5		0.527
Grid-A-1D-3	102.5		0.093
Grid-A-1D-4	101.6		0.533
Grid-A-1D-5	103.8		0.349
Grid-A-1D-6	126.8		0.128
Grid-A-1D-7	130.5		1.17
Grid-A-1D-8	123.5		2.121
Grid-A-1D-9	124.3		0.054
Grid-A-1D-10	124.6		0.074
Grid-A-1D-11	127.1		0.542
Grid-A-1D-12	130.6		2.13
Grid-A-1D-13	122.5		0.14
Grid-A-1E-1	121.1		0.134
Grid-A-1E-2	119.5		0.413
Grid-A-1E-3	117.2		1.045
Grid-A-1E-4	98.6		0.197
Grid-A-1E-5	106.5		0.087
Grid-A-1E-6	110.6		0.311
Grid-A-1E-7	122.3		0.252
Grid-A-1E-8	104.1		0.351
Grid-A-2A-1	95.2		0.13
Grid-A-2A-2	96.5		0.22
Grid-A-2A-3	99.5		0.062
Grid-A-2A-4	100.7		0.071
Grid-A-2A-5	95.4		0.063
Grid-A-2A-6	100.6		0.105
Grid-A-2A-7	104.1		0.136
Grid-A-2A-8	105		0.036
Grid-A-2A-9	103.1		0.069
Grid-A-2A-10	97.2		0.077
Grid-A-2A-11	96.8		0.059
Grid-A-2A-12	101.9		0.054
Grid-A-2A-13	98.4		0.058
Grid-A-2B-1	101.7		0.163
Grid-A-2B-2	97.1		0.694
Grid-A-2B-3	100.9		0.189
Grid-A-2B-4	99.8		0.106
Grid-A-2B-5	96		0.112
Grid-A-2B-6	97.7		0.163
Grid-A-2B-7	98.2		0.11
Grid-A-2B-8	96.8		0.102
Grid-A-2B-9	98.4		0.98
Grid-A-2B-10	104.4		0.605
Grid-A-2B-11	104.7		0.078
Grid-A-2B-12	103		0.082
Grid-A-2B-13	96.5		0.07

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 1: Former Building A Mercury Vapor Screening Results - Soil Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 3 through September 5, 2023**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Grid-A-2C-1	88.5	8/3/2023	0.059
Grid-A-2C-2	93.7		0.126
Grid-A-2C-3	95		0.213
Grid-A-2C-4	96.2		0.11
Grid-A-2C-5	95.1		0.236
Grid-A-2C-6	97.5		0.061
Grid-A-2C-7	96		0.21
Grid-A-2C-8	97.5		0.05
Grid-A-2C-9	94.3		0.119
Grid-A-2C-10	95.8		0.116
Grid-A-2C-11	95		0.115
Grid-A-2C-12	94.1		0.102
Grid-A-2C-13	94.1		0.041
Grid-A-2D-1	93.2		0.131
Grid-A-2D-2	95.5		0.686
Grid-A-2D-3	95.5		0.375
Grid-A-2D-4	93.7		0.128
Grid-A-2D-5	98.7		0.135
Grid-A-2D-6	88.6		0.132
Grid-A-2D-7	87.9		0.298
Grid-A-2D-8	88.1		0.171
Grid-A-2D-9	86.9		0.174
Grid-A-2D-10	89.5		0.158
Grid-A-2D-11	102.8		1.037
Grid-A-2D-12	88.8		0.345
Grid-A-2D-13	88.3		0.247
Grid-A-2E-1	84.1		0.134
Grid-A-2E-2	84.4		0.201
Grid-A-2E-3	85.3		0.262
Grid-A-2E-4	87.6		0.305
Grid-A-2E-5	88.1		0.275
Grid-A-2E-6	87.3		0.342
Grid-A-2E-7	88		0.393
Grid-A-2E-8	88.4		0.247
Grid-A-3A-1	97.2		0.345
Grid-A-3A-2	99.8		0.973
Grid-A-3A-3	99.7		0.565
Grid-A-3A-4	97.9		0.319
Grid-A-3A-5	97.8		0.237
Grid-A-3A-6	92.7		0.133
Grid-A-3A-7	101.4		0.1
Grid-A-3A-8	96.5		0.147
Grid-A-3A-9	92.3		0.123
Grid-A-3A-10	85.9		0.119
Grid-A-3A-11	83.3		0.146
Grid-A-3A-12	85.4		0.102
Grid-A-3A-13	87.7		0.135

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 1: Former Building A Mercury Vapor Screening Results - Soil Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 3 through September 5, 2023**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Grid-A-3B-1	89.1	8/3/2023	0.106
Grid-A-3B-2	88.1		0.476
Grid-A-3B-3	90.6		0.445
Grid-A-3B-4	91.3		0.844
Grid-A-3B-5	90		0.397
Grid-A-3B-6	88.4		0.638
Grid-A-3B-7	87		1.224
Grid-A-3B-8	88.9		1.294
Grid-A-3B-9	88.8		0.26
Grid-A-3B-10	89.5		0.397
Grid-A-3B-11	86.7		0.786
Grid-A-3B-12	88.3		0.258
Grid-A-3B-13	84.8		0.212
Grid-A-3C-1	98.1		0.278
Grid-A-3C-2	97.6		0.155
Grid-A-3C-3	97.7		0.296
Grid-A-3C-4	96		0.434
Grid-A-3C-5	95.4		0.177
Grid-A-3C-6	95.5		0.227
Grid-A-3C-7	92.4		0.6
Grid-A-3C-8	97.5		0.899
Grid-A-3C-9	98.1		0.12
Grid-A-3C-10	95.5		0.191
Grid-A-3C-11	94.6		0.252
Grid-A-3C-12	98.6		0.55
Grid-A-3C-13	101.3		2.362
Grid-A-3D-1	91.3		0.394
Grid-A-3D-2	90		0.247
Grid-A-3D-3	91.8		0.268
Grid-A-3D-4	96.8		0.247
Grid-A-3D-5	82.1		0.199
Grid-A-3D-6	87.6		0.102
Grid-A-3D-7	89.4		0.22
Grid-A-3D-8	91.2		0.201
Grid-A-3D-9	89.1		0.057
Grid-A-3D-10	90.6		0.126
Grid-A-3D-11	90.3		0.2
Grid-A-3D-12	91.8		0.266
Grid-A-3D-13	85.5		0.131
Grid-A-4A-1	83.2		0.13
Grid-A-4A-2	87.3		0.268
Grid-A-4A-3	88.3		0.424
Grid-A-4A-4	102.9		0.09
Grid-A-4A-5	88.4		0.222
Grid-A-4A-6	87		0.384
Grid-A-4A-7	87.2		0.503
Grid-A-4A-8	85.9		0.348
Grid-A-4A-9	80.8		0.186
Grid-A-4A-10	99.8		0.321
Grid-A-4A-11	83.5		0.304
Grid-A-4A-12	82.4		0.243
Grid-A-4A-13	84.2		0.114

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 1: Former Building A Mercury Vapor Screening Results - Soil Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 3 through September 5, 2023**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Grid-A-4B-1	80.6	8/4/2023	0.226
Grid-A-4B-2	83.7		0.176
Grid-A-4B-3	87.3		0.183
Grid-A-4B-4	89.8		0.292
Grid-A-4B-5	91		0.085
Grid-A-4B-6	93.3		0.284
Grid-A-4B-7	90.9		0.221
Grid-A-4B-8	90.4		0.112
Grid-A-4B-9	82.1		0.09
Grid-A-4B-10	85.4		0.229
Grid-A-4B-11	97.5		0.227
Grid-A-4B-12	104.1		0.191
Grid-A-4B-13	98.4		0.132
Grid-A-4C-1	83		0.085
Grid-A-4C-2	83.8		0.138
Grid-A-4C-3	83.1		0.142
Grid-A-4C-4	94.1		0.338
Grid-A-4C-5	89.5		0.241
Grid-A-4C-6	92.4		0.188
Grid-A-4C-7	96.4		0.363
Grid-A-4C-8	99.4		0.324
Grid-A-4C-9	81.9		0.218
Grid-A-4C-10	94.7		0.138
Grid-A-4C-11	104.4		0.141
Grid-A-4C-12	105.2		0.268
Grid-A-4C-13	97.4		0.125
Grid-A-4D-1	82.3		0.111
Grid-A-4D-2	83.4		0.156
Grid-A-4D-3	83.6		0.199
Grid-A-4D-4	101.9		0.245
Grid-A-4D-5	98		0.052
Grid-A-4D-6	98.8		0.053
Grid-A-4D-7	102.3		0.061
Grid-A-4D-8	99.5		0.067
Grid-A-4D-9	100.1		0.164
Grid-A-4D-10	101.3		0.046
Grid-A-4D-11	103.6		0.031
Grid-A-4D-12	103.2		0.025
Grid-A-4D-13	103.2		0.02
Grid-A-5A-1	93.8		0.106
Grid-A-5A-2	104.2		0.163
Grid-A-5A-3	114.1		0.605
Grid-A-5A-4	104.1		0.472
Grid-A-5A-5	110.3		0.032
Grid-A-5A-6	117.3		1.093
Grid-A-5A-7	93		0.567
Grid-A-5A-8	91.1		1.195
Grid-A-5A-9	93.5		0.128
Grid-A-5A-10	99.4		0.469
Grid-A-5A-11	100		0.45
Grid-A-5A-12	96		0.361
Grid-A-5A-13	93.9		0.142

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 1: Former Building A Mercury Vapor Screening Results - Soil Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 3 through September 5, 2023**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Grid-A-5B-1	83.5	8/4/2023	0.077
Grid-A-5B-2	90.4		0.227
Grid-A-5B-3	98.3		1.08
Grid-A-5B-4	92.3		0.21
Grid-A-5B-5	91.1		0.168
Grid-A-5B-6	97.6		0.93
Grid-A-5B-7	95.7		1.85
Grid-A-5B-8	95.6		1.999
Grid-A-5B-9	101.3		0.548
Grid-A-5B-10	103.2		0.242
Grid-A-5B-11	103.5		0.735
Grid-A-5B-12	104.8		1.497
Grid-A-5B-13	110.3		0.209
Grid-A-5C-1	Not Recorded		0.075
Grid-A-5C-2	Not Recorded		0.078
Grid-A-5C-3	Not Recorded		0.072
Grid-A-5C-4	Not Recorded		0.191
Grid-A-5C-5	Not Recorded		0.397
Grid-A-5C-6	Not Recorded		0.077
Grid-A-5C-7	Not Recorded		0.323
Grid-A-5C-8	Not Recorded		0.243
Grid-A-5C-9	Not Recorded		0.06
Grid-A-5C-10	Not Recorded		0.081
Grid-A-5C-11	Not Recorded		0.294
Grid-A-5C-12	Not Recorded		1.629
Grid-A-5C-13	Not Recorded		0.586
Grid-A-5D-1	85.4		0.587
Grid-A-5D-2	89.1		0.117
Grid-A-5D-3	90.1		0.26
Grid-A-5D-4	89.8		0.159
Grid-A-5D-5	87.7		0.15
Grid-A-5D-6	90.7		0.109
Grid-A-5D-7	92.5		0.113
Grid-A-5D-8	90.9		0.152
Grid-A-5D-9	88.6		0.069
Grid-A-5D-10	92		0.213
Grid-A-5D-11	91.1		0.077
Grid-A-5D-12	87		0.08
Grid-A-5D-13	86.5		0.071
Grid-A-6A-1	92.1		0.105
Grid-A-6A-2	102.7		0.171
Grid-A-6A-3	105.1		0.363
Grid-A-6A-4	118.6		0.284
Grid-A-6A-5	115.3		0.045
Grid-A-6A-6	117.1		0.149
Grid-A-6A-7	94		0.301
Grid-A-6A-8	156.7		0.38
Grid-A-6A-9	91.8		0.207
Grid-A-6A-10	116.6		0.106
Grid-A-6A-11	105.4		0.398
Grid-A-6A-12	98.5		0.169
Grid-A-6A-13	108.2		0.113

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 1: Former Building A Mercury Vapor Screening Results - Soil Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 3 through September 5, 2023**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Grid-A-6B-1	90.4	8/4/2023	0.142
Grid-A-6B-2	90.1		0.143
Grid-A-6B-3	94.5		0.209
Grid-A-6B-4	94.5		0.072
Grid-A-6B-5	90.6		0.151
Grid-A-6B-6	96.5		0.256
Grid-A-6B-7	97.1		0.964
Grid-A-6B-8	95		0.767
Grid-A-6B-9	84.7		0.154
Grid-A-6B-10	94.2		0.183
Grid-A-6B-11	89.4		0.337
Grid-A-6B-12	86		0.341
Grid-A-6B-13	87.3		0.099
Grid-A-6C-1	96.2		0.098
Grid-A-6C-2	95.9		0.098
Grid-A-6C-3	99.1		0.088
Grid-A-6C-4	100.2		0.099
Grid-A-6C-5	168.9		0.34
Grid-A-6C-6	162.6		0.11
Grid-A-6C-7	153		0.122
Grid-A-6C-8	170.5		0.137
Grid-A-6C-9	158.1		0.133
Grid-A-6C-10	96.3		0.131
Grid-A-6C-11	98.7		0.12
Grid-A-6C-12	95.8		0.164
Grid-A-6C-13	101.6		0.108
Grid-A-6D-1	162		4.758
Grid-A-6D-2	94.1		0.119
Grid-A-6D-3	89.9		1.289
Grid-A-6D-4	89.9		1.35
Grid-A-6D-5	90		0.1
Grid-A-6D-6	93.7		0.184
Grid-A-6D-7	91.3		0.134
Grid-A-6D-8	89.4		0.262
Grid-A-6D-9	87.7		0.1
Grid-A-6D-10	88.6		0.182
Grid-A-6D-11	87.8		0.157
Grid-A-6D-12	84.2		0.073
Grid-A-6D-13	85.5		0.099
Grid-A-7A-1	88.6		0.461
Grid-A-7A-2	87.1		0.139
Grid-A-7A-3	86.2		0.428
Grid-A-7A-4	88.6		0.964
Grid-A-7A-5	88.3		1.408
Grid-A-7A-6	89.3		0.385
Grid-A-7A-7	86.6		0.139
Grid-A-7A-8	87.3		0.229
Grid-A-7A-9	90.6		0.119
Grid-A-7A-10	87.6		0.171
Grid-A-7A-11	90.5		0.512
Grid-A-7A-12	91.7		0.677
Grid-A-7A-13	84		0.162

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed



**Table 1: Former Building A Mercury Vapor Screening Results - Soil Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 3 through September 5, 2023**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Grid-A-7B-1	103.3	8/4/2023	0.124
Grid-A-7B-2	113		0.728
Grid-A-7B-3	110.3		0.974
Grid-A-7B-4	124.3		0.337
Grid-A-7B-5	100.7		0.37
Grid-A-7B-6	95.6		0.147
Grid-A-7B-7	103.2		0.151
Grid-A-7B-8	112.2		0.447
Grid-A-7B-9	93.4		0.109
Grid-A-7B-10	96.8		0.174
Grid-A-7B-11	104.1		0.447
Grid-A-7B-12	103		0.162
Grid-A-7B-13	103.8		0.5
Grid-A-7C-1	89.3		0.284
Grid-A-7C-2	90.2		0.237
Grid-A-7C-3	97.3		0.391
Grid-A-7C-4	94.9		0.123
Grid-A-7C-5	88.6		0.11
Grid-A-7C-6	92.1		0.241
Grid-A-7C-7	95.3		0.144
Grid-A-7C-8	93.7		0.108
Grid-A-7C-9	88.3		0.353
Grid-A-7C-10	93.2		0.14
Grid-A-7C-11	93.1		0.447
Grid-A-7C-12	92.8		0.374
Grid-A-7C-13	90.2		0.11
Grid-A-7D-1	90.1		0.159
Grid-A-7D-2	95.3		1.259
Grid-A-7D-3	93.1		1.426
Grid-A-7D-4	160.1		0.84
Grid-A-7D-5	174.1		0.396
Grid-A-7D-6	178.2		1.859
Grid-A-7D-7	173.5		0.946
Grid-A-7D-8	168.7		0.176
Grid-A-7D-9	171.8		0.088
Grid-A-7D-10	172.9		0.727
Grid-A-7D-11	168.7		0.092
Grid-A-7D-12	170.2		0.149
Grid-A-7D-13	120	9/5/2023	0.176
Grid-A-8A-1	105.9	8/9/2023	0.091
Grid-A-8A-2	100.8		0.105
Grid-A-8A-3	103.2		0.12
Grid-A-8A-4	102.6		0.12
Grid-A-8A-5	97.1		0.099
Grid-A-8A-6	100		0.2
Grid-A-8A-7	104.8		0.128
Grid-A-8A-8	112.7		0.3
Grid-A-8A-9	105.9		0.025
Grid-A-8A-10	127		0.207
Grid-A-8A-11	121.9		0.449
Grid-A-8A-12	111.4		0.195
Grid-A-8A-13	122.9		0.12

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 1: Former Building A Mercury Vapor Screening Results - Soil Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 3 through September 5, 2023**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Grid-A-8B-1	106	8/9/2023	0.195
Grid-A-8B-2	99.1		0.124
Grid-A-8B-3	94.3		0.92
Grid-A-8B-4	95.7		1.05
Grid-A-8B-5	91.4		0.2
Grid-A-8B-6	95.5		0.23
Grid-A-8B-7	93.5		0.274
Grid-A-8B-8	97		0.342
Grid-A-8B-9	81.6		0.075
Grid-A-8B-10	97.6		0.102
Grid-A-8B-11	107.1		0.145
Grid-A-8B-12	92.9		0.195
Grid-A-8B-13	103.8		0.061
Grid-A-8C-1	95.7		0.15
Grid-A-8C-2	101.6		0.154
Grid-A-8C-3	116.4		0.96
Grid-A-8C-4	110.8		0.74
Grid-A-8C-5	98.6		0.48
Grid-A-8C-6	92.6		0.074
Grid-A-8C-7	104.3		0.101
Grid-A-8C-8	96.8		0.363
Grid-A-8C-9	88.5		0.08
Grid-A-8C-10	102		0.08
Grid-A-8C-11	97.9		0.147
Grid-A-8C-12	102.6		0.132
Grid-A-8C-13	84.7		0.079
Grid-A-8D-1	109.2		0.106
Grid-A-8D-2	109.6		0.987
Grid-A-8D-3	109.6		1.091
Grid-A-8D-4	106.9		4.351
Grid-A-8D-5	109.6		0.361
Grid-A-8D-6	109.6		0.959
Grid-A-8D-7	109.6		2.243
Grid-A-8D-8	109.6		2.1
Grid-A-8D-9	109.6		0.386
Grid-A-8D-10	109.6		0.238
Grid-A-8D-11	109.6		1.102
Grid-A-8D-12	109.6		1.401
Grid-A-8D-13	109.6		1.911
Grid-A-8E-1	81.8	8/22/2023	0.172
Grid-A-8E-2	79.1		0.095
Grid-A-8E-3	88.5		0.318
Grid-A-8E-4	76.1		0.157
Grid-A-8E-5	81.1		0.086
Grid-A-8E-6	80.7		0.096
Grid-A-8E-7	83.2		0.299
Grid-A-8E-8	81.1		0.094
Grid-A-8E-9	86.6		0.051
Grid-A-8E-10	92.6		0.104
Grid-A-8E-11	78.1		0.087
Grid-A-8E-12	78.9		0.17
Grid-A-8E-13	82		0.036

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 1: Former Building A Mercury Vapor Screening Results - Soil Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 3 through September 5, 2023**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Grid-A-9A-1	104.5	8/9/2023	0.302
Grid-A-9A-2	122.2		0.732
Grid-A-9A-3	124.4		0.987
Grid-A-9A-4	120.9		1.2
Grid-A-9A-5	102.9		0.24
Grid-A-9A-6	119.8		0.468
Grid-A-9A-7	121.7		1.41
Grid-A-9A-8	115	8/11/2023	0.2
Grid-A-9A-9	117.5	8/9/2023	0.101
Grid-A-9A-10	136.1		0.351
Grid-A-9A-11	100.9		0.684
Grid-A-9A-12	111.4		0.542
Grid-A-9A-13	114.3		0.621
Grid-A-9B-1	121.6		0.518
Grid-A-9B-2	121.6		0.536
Grid-A-9B-3	121.6		0.118
Grid-A-9B-4	121.6		0.1
Grid-A-9B-5	121.6		0.081
Grid-A-9B-6	121.6		1.4
Grid-A-9B-7	121.6		1.168
Grid-A-9B-8	121.6		1.125
Grid-A-9B-9	121.6		0.913
Grid-A-9B-10	121.6		1.435
Grid-A-9B-11	121.6		1.573
Grid-A-9B-12	121.6		1.113
Grid-A-9B-13	121.6		0.368
Grid-A-9C-1	132		0.151
Grid-A-9C-2	132.1		2.601
Grid-A-9C-3	132.1		3.898
Grid-A-9C-4	132.1		4.117
Grid-A-9C-5	132.1		2.365
Grid-A-9C-6	132.1		0.673
Grid-A-9C-7	132.1		5.16
Grid-A-9C-8	132.1		0.734
Grid-A-9C-9	132.1		0.568
Grid-A-9C-10	132.1		0.954
Grid-A-9C-11	132.1		5.111
Grid-A-9C-12	132.1		2.184
Grid-A-9C-13	132.1		0.981
Grid-A-9D-1	125.3		0.324
Grid-A-9D-2	125.6		3.267
Grid-A-9D-3	125.7		0.376
Grid-A-9D-4	125.6		0.315
Grid-A-9D-5	125.6		1.204
Grid-A-9D-6	125.6		0.302
Grid-A-9D-7	Not Recorded	8/11/2023	5.7
Grid-A-9D-8	125.6	8/9/2023	4.737
Grid-A-9D-9	125.6		0.725
Grid-A-9D-10	125.6		1.962
Grid-A-9D-11	125.6		5.028
Grid-A-9D-12	125.6		1.248
Grid-A-9D-13	125.6		1.124

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 1: Former Building A Mercury Vapor Screening Results - Soil Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 3 through September 5, 2023**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Grid-A-9E-1	94.2	8/22/2023	0.063
Grid-A-9E-2	95.6		0.393
Grid-A-9E-3	96.7		0.485
Grid-A-9E-4	94.4		0.179
Grid-A-9E-5	98.1		0.112
Grid-A-9E-6	95.4		0.345
Grid-A-9E-7	89.4		0.252
Grid-A-9E-8	83.3		0.175
Grid-A-9E-9	80.2		0.131
Grid-A-9E-10	85.5		0.076
Grid-A-9E-11	83.4		0.086
Grid-A-9E-12	85.5		0.118
Grid-A-9E-13	81.1		0.196
Grid-A-10A-1	134.2	8/9/2023	1.704
Grid-A-10A-2	134.2		2.336
Grid-A-10A-3	132.6		2.402
Grid-A-10A-4	134.2		2.256
Grid-A-10A-5	134.2		3.745
Grid-A-10A-6	134.2		5.34
Grid-A-10A-7	134.2		1.226
Grid-A-10A-8	132.4		1.186
Grid-A-10A-9	134.2		3.292
Grid-A-10A-10	134.2		3.145
Grid-A-10A-11	134.2		2.608
Grid-A-10A-12	134.2		1.612
Grid-A-10A-13	134.2		0.113
Grid-A-10B-1	124.7		0.982
Grid-A-10B-2	124.7		2.112
Grid-A-10B-3	124.7		3.08
Grid-A-10B-4	124.7		0.568
Grid-A-10B-5	124.7		0.575
Grid-A-10B-6	124.7		1.563
Grid-A-10B-7	124.7		2.388
Grid-A-10B-8	117	8/11/2023	0.007
Grid-A-10B-9	124.7		0.194
Grid-A-10B-10	124.7		0.27
Grid-A-10B-11	124.7		1.221
Grid-A-10B-12	124.7		1.287
Grid-A-10B-13	124.7		0.248
Grid-A-10C-1	115		5.1
Grid-A-10C-2	115		7
Grid-A-10C-3	137.5		7.216
Grid-A-10C-4	137.5		0.262
Grid-A-10C-5	137.5		0.365
Grid-A-10C-6	137.5		0.161
Grid-A-10C-7	137.5		5.08
Grid-A-10C-8	137.5		1.828
Grid-A-10C-9	137.5		0.976
Grid-A-10C-10	137.5		5.68
Grid-A-10C-11	137.5		8.51
Grid-A-10C-12	137.5		8.51
Grid-A-10C-13	137.5		0.627

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 1: Former Building A Mercury Vapor Screening Results - Soil Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 3 through September 5, 2023**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Grid-A-10D-1	80.9	8/23/2023	0.274
Grid-A-10D-2	81.8		0.344
Grid-A-10D-3	82.5		0.484
Grid-A-10D-4	83.1		0.062
Grid-A-10D-5	78.8		0.063
Grid-A-10D-6	80.2		0.601
Grid-A-10D-7	81.7		0.862
Grid-A-10D-8	83.1		0.084
Grid-A-10D-9	79.5		1.235
Grid-A-10D-10	85.6		1.406
Grid-A-10D-11	82.2		0.835
Grid-A-10D-12	80.2		0.036
Grid-A-10D-13	78.1		0.037
Grid-A-10E-1	81.1	8/22/2023	0.057
Grid-A-10E-2	81.5		0.079
Grid-A-10E-3	82.9		0.133
Grid-A-10E-4	82.5		1.632
Grid-A-10E-5	83.1		0.211
Grid-A-10E-6	82.8		0.063
Grid-A-10E-7	83.3		0.072
Grid-A-10E-8	83		0.392
Grid-A-10E-9	83.2		1.122
Grid-A-10E-10	82.2		0.212
Grid-A-10E-11	83.2		0.12
Grid-A-10E-12	84.8		0.121
Grid-A-10E-13	87.1		0.062
Grid-A-11A-1	150.1	8/9/2023	0.5
Grid-A-11A-2	150.1		1.855
Grid-A-11A-3	150.1		2.523
Grid-A-11A-4	150.1		0.999
Grid-A-11A-5	150.1		0.318
Grid-A-11A-6	150.1		5
Grid-A-11A-7	150.1		6.802
Grid-A-11A-8	150.1		1.868
Grid-A-11A-9	150.1		0.861
Grid-A-11A-10	150.1		0.56
Grid-A-11A-11	150.1		0.912
Grid-A-11A-12	115	8/11/2023	0.4
Grid-A-11A-13	150.1	8/9/2023	5.402
Grid-A-11B-1	136.4		0.682
Grid-A-11B-2	136.4		1.588
Grid-A-11B-3	136.4		2.239
Grid-A-11B-4	136.4		9.043
Grid-A-11B-5	136.4		2.232
Grid-A-11B-6	136.4		6.522
Grid-A-11B-7	136.4		6.508
Grid-A-11B-8	136.4		4.555
Grid-A-11B-9	136.4		3.645
Grid-A-11B-10	136.4		5.281
Grid-A-11B-11	136.4		6.253
Grid-A-11B-12	136.4		1.862
Grid-A-11B-13	136.4		0.649

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 1: Former Building A Mercury Vapor Screening Results - Soil Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 3 through September 5, 2023**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Grid-A-11C-1	137.2	8/9/2023	0.285
Grid-A-11C-2	135.2		1.685
Grid-A-11C-3	135.3		7.521
Grid-A-11C-4	135		0.452
Grid-A-11C-5	135		0.236
Grid-A-11C-6	135.3		2.6
Grid-A-11C-7	135.3		8.231
Grid-A-11C-8	135.3		0.627
Grid-A-11C-9	135.3		0.085
Grid-A-11C-10	135		2.369
Grid-A-11C-11	135		0.755
Grid-A-11C-12	135.3		8.654
Grid-A-11C-13	135		0.165
Grid-A-11D-1	84.1	8/23/2023	0.084
Grid-A-11D-2	78.3		0.097
Grid-A-11D-3	84.7		0.142
Grid-A-11D-4	84.7		0.08
Grid-A-11D-5	84		0.044
Grid-A-11D-6	81.4		0.084
Grid-A-11D-7	78.4		0.085
Grid-A-11D-8	80.5		0.287
Grid-A-11D-9	80.4		0.163
Grid-A-11D-10	81.6		0.726
Grid-A-11D-11	77.7		0.298
Grid-A-11D-12	81.6		0.322
Grid-A-11D-13	75.7		0.176
Grid-A-12A-1	126	8/9/2023	0.769
Grid-A-12A-3	126		1.052
Grid-A-12A-4	126		1.183
Grid-A-12A-5	126		0.101
Grid-A-12A-6	126		0.207
Grid-A-12A-7	126		0.086
Grid-A-12A-8	126		0.196
Grid-A-12A-9	126		0.276
Grid-A-12A-10	126		0.09
Grid-A-12A-11	126		0.336
Grid-A-12A-12	126		0.258
Grid-A-12A-13	126		0.330
Grid-A-12B-1	120		0.095
Grid-A-12B-2	120		0.122
Grid-A-12B-3	120		0.324
Grid-A-12B-4	120		0.17
Grid-A-12B-5	120		0.293
Grid-A-12B-6	126.5		0.586
Grid-A-12B-7	126.5		0.887
Grid-A-12B-8	125.6		1.196
Grid-A-12B-9	125.6		0.539
Grid-A-12B-10	125.6		0.575
Grid-A-12B-11	125.6		0.903
Grid-A-12B-12	125.6		1.229
Grid-A-12B-13	125.6		0.675

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 1: Former Building A Mercury Vapor Screening Results - Soil Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 3 through September 5, 2023**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Grid-A-12C-1	121	8/9/2023	0.127
Grid-A-12C-2	121		0.125
Grid-A-12C-3	121		0.483
Grid-A-12C-4	121		0.274
Grid-A-12C-5	121		0.509
Grid-A-12C-6	121		0.164
Grid-A-12C-7	121		0.212
Grid-A-12C-8	121		0.429
Grid-A-12C-9	121		0.412
Grid-A-12C-10	121		0.533
Grid-A-12C-11	121		0.335
Grid-A-12C-12	121		0.223
Grid-A-12C-13	121		3.172
Grid-A-12D-1	82.1	8/10/2023	0.051
Grid-A-12D-2	82.1		0.087
Grid-A-12D-3	82.1		0.31
Grid-A-12D-4	82.1		0.673
Grid-A-12D-5	82.1		0.398
Grid-A-12D-6	82.1		0.046
Grid-A-12D-7	82.1		0.074
Grid-A-12D-8	82.1		0.205
Grid-A-12D-9	82.1		0.035
Grid-A-12D-10	82.1		0.029
Grid-A-12D-11	82.1		0.171
Grid-A-12D-12	82.1		0.293
Grid-A-12D-13	82.1		0.197
Grid-A-13A-1	129	8/9/2023	0.091
Grid-A-13A-10	129		0.365
Grid-A-13A-11	129		0.601
Grid-A-13A-12	129		0.565
Grid-A-13A-13	129		0.427
Grid-A-13A-1	129		0.091
Grid-A-13A-2	129		0.279
Grid-A-13A-3	129		0.402
Grid-A-13A-4	129		0.202
Grid-A-13A-5	129		0.113
Grid-A-13A-6	129		0.713
Grid-A-13A-7	129		0.618
Grid-A-13A-8	129		0.327
Grid-A-13A-9	129		0.269
Grid-A-13A-10	129		0.365
Grid-A-13A-11	129		0.601
Grid-A-13A-12	129		0.565
Grid-A-13A-13	129		0.427
Grid-A-13B-1	115.2		0.459
Grid-A-13B-2	115.2		0.356
Grid-A-13B-3	115.2		0.364
Grid-A-13B-4	115.2		0.225
Grid-A-13B-5	115.2		0.449
Grid-A-13B-6	115.2		0.117
Grid-A-13B-7	115.2		0.265
Grid-A-13B-8	115.2		0.158
Grid-A-13B-9	115.2		0.059
Grid-A-13B-10	115.2		0.132
Grid-A-13B-11	115.2		0.307
Grid-A-13B-12	115.2		0.14
Grid-A-13B-13	115.2		0.087

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 1: Former Building A Mercury Vapor Screening Results - Soil Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 3 through September 5, 2023**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Grid-A-13C-1	113.8	8/9/2023	0.13
Grid-A-13C-2	113.8		0.032
Grid-A-13C-3	113.8		0.214
Grid-A-13C-4	13.8		0.438
Grid-A-13C-5	113.8		0.235
Grid-A-13C-6	113.8		0.761
Grid-A-13C-7	113.8		0.834
Grid-A-13C-8	113.8		0.391
Grid-A-13C-9	113.8		0.236
Grid-A-13C-10	113.8		2.171
Grid-A-13C-11	113.8		0.594
Grid-A-13C-12	113.8		0.505
Grid-A-13C-13	113.8		0.185
Grid-A-13D-1	77.3	8/10/2023	0.069
Grid-A-13D-2	78.1		0.123
Grid-A-13D-3	78.5		0.38
Grid-A-13D-4	78.5		0.287
Grid-A-13D-5	77.5		1.998
Grid-A-13D-6	78		0.745
Grid-A-13D-7	77.4		0.269
Grid-A-13D-8	81.1		0.187
Grid-A-13D-9	77		0.25
Grid-A-13D-10	76.6		0.507
Grid-A-13D-11	78		0.662
Grid-A-13D-12	78.1		0.156
Grid-A-13D-13	77.5		0.059
Grid-A-14A-1	134.4	8/9/2023	0.06
Grid-A-14A-2	134.4		0.145
Grid-A-14A-3	134.4		0.432
Grid-A-14A-4	134.4		0.348
Grid-A-14A-5	134.4		0.17
Grid-A-14A-6	134.4		0.141
Grid-A-14A-7	134.4		0.268
Grid-A-14A-8	134.4		0.368
Grid-A-14A-9	134.4		0.182
Grid-A-14A-10	134.4		0.296
Grid-A-14A-11	134.4		0.357
Grid-A-14A-12	134.4		0.282
Grid-A-14A-13	134.4		0.292
Grid-A-14B-1	122.2		0.072
Grid-A-14B-2	122.2		0.052
Grid-A-14B-3	122.2		0.162
Grid-A-14B-4	122.2		0.192
Grid-A-14B-5	122.2		0.075
Grid-A-14B-6	122.2		0.095
Grid-A-14B-7	122.2		0.068
Grid-A-14B-8	122.2		0.192
Grid-A-14B-9	122.2		0.069
Grid-A-14B-10	122.2		0.083
Grid-A-14B-11	122.2		0.075
Grid-A-14B-12	122.2		0.21
Grid-A-14B-13	122.2		0.063

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed



**Table 1: Former Building A Mercury Vapor Screening Results - Soil Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 3 through September 5, 2023**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Grid-A-14C-1	112.2	8/9/2023	0.165
Grid-A-14C-2	112.2		0.392
Grid-A-14C-3	112.2		0.282
Grid-A-14C-4	112.2		0.372
Grid-A-14C-5	112.2		0.556
Grid-A-14C-6	112.2		0.956
Grid-A-14C-7	112.2		0.773
Grid-A-14C-8	112.2		1.421
Grid-A-14C-9	112.2		0.073
Grid-A-14C-10	112.2		0.295
Grid-A-14C-11	112.2		1.057
Grid-A-14C-12	112.2		1.066
Grid-A-14C-13	112.2		0.205
Grid-A-14D-1	78.8	8/10/2023	0.116
Grid-A-14D-2	81.8		0.281
Grid-A-14D-3	81.8		0.298
Grid-A-14D-4	81.8		0.229
Grid-A-14D-5	81.8		0.052
Grid-A-14D-6	81.8		0.161
Grid-A-14D-7	81.8		0.314
Grid-A-14D-8	81.8		0.237
Grid-A-14D-9	81.8		0.056
Grid-A-14D-10	81.8		0.092
Grid-A-14D-11	81.8		0.505
Grid-A-14D-12	81.8		0.202
Grid-A-14D-13	81.8		0.036
Grid-A-15A-1	115.2	8/9/2023	0.03
Grid-A-15A-2	115.2		0.062
Grid-A-15A-3	115.2		0.245
Grid-A-15A-4	115.2		0.386
Grid-A-15A-5	115.2		0.107
Grid-A-15A-6	115.2		0.054
Grid-A-15A-7	115.2		0.093
Grid-A-15A-8	115.2		0.255
Grid-A-15A-9	115.2		0.052
Grid-A-15A-10	115.2		0.056
Grid-A-15A-11	115.2		0.093
Grid-A-15A-12	115.2		0.19
Grid-A-15A-13	115.2		0.071
Grid-A-15B-1	88		0.126
Grid-A-15B-2	88		0.256
Grid-A-15B-3	88		0.351
Grid-A-15B-4	88		0.535
Grid-A-15B-5	88		0.146
Grid-A-15B-6	88		0.101
Grid-A-15B-7	88		0.319
Grid-A-15B-8	88		0.571
Grid-A-15B-9	88		0.035
Grid-A-15B-10	88		0.057
Grid-A-15B-11	88		0.077
Grid-A-15B-12	88		0.172
Grid-A-15B-13	88		0.057

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 1: Former Building A Mercury Vapor Screening Results - Soil Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 3 through September 5, 2023**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Grid-A-15C-1	112.4	8/9/2023	0.088
Grid-A-15C-2	112.4		0.306
Grid-A-15C-3	112.4		1.052
Grid-A-15C-4	112.4		1.024
Grid-A-15C-5	112.4		0.123
Grid-A-15C-6	112.4		0.161
Grid-A-15C-7	112.4		0.483
Grid-A-15C-8	112.4		0.585
Grid-A-15C-9	112.4		0.212
Grid-A-15C-10	112.4		0.456
Grid-A-15C-11	112.4		0.352
Grid-A-15C-12	112.4		0.731
Grid-A-15C-13	112.4		0.529
Grid-A-15D-1	81	8/10/2023	0.087
Grid-A-15D-2	81		0.164
Grid-A-15D-3	81		0.521
Grid-A-15D-4	81		0.043
Grid-A-15D-5	81		0.084
Grid-A-15D-6	81		1.826
Grid-A-15D-7	81		0.183
Grid-A-15D-8	81		0.057
Grid-A-15D-9	81		0.026
Grid-A-15D-10	81		0.310
Grid-A-15D-11	81		0.056
Grid-A-15D-12	81		0.128
Grid-A-15D-13	81		0.022
Grid-A-16A-1	91.1		0.331
Grid-A-16A-2	91.1		0.4
Grid-A-16A-3	91.1		0.737
Grid-A-16A-4	91.1		0.514
Grid-A-16A-5	91.1		0.163
Grid-A-16A-6	91.1		0.49
Grid-A-16A-7	91.1		0.277
Grid-A-16A-8	91.1		0.203
Grid-A-16A-9	91.1		0.005
Grid-A-16A-10	91.1		0.07
Grid-A-16A-11	91.1		0.055
Grid-A-16A-12	91.1		0.05
Grid-A-16A-13	91.1		0.011
Grid-A-16B-1	87.2		1.001
Grid-A-16B-2	87.2		3.255
Grid-A-16B-3	87.2		0.306
Grid-A-16B-4	87.2		0.186
Grid-A-16B-5	87.2		0.946
Grid-A-16B-6	87.2		1.316
Grid-A-16B-7	87.2		3.237
Grid-A-16B-8	87.2		1.205
Grid-A-16B-9	87.2		1.583
Grid-A-16B-10	87.2		0.468
Grid-A-16B-11	87.2		0.077
Grid-A-16B-12	87.2		0.123
Grid-A-16B-13	87.2		0.057

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 1: Former Building A Mercury Vapor Screening Results - Soil Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 3 through September 5, 2023**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Grid-A-16C-1	90.1	8/10/2023	0.921
Grid-A-16C-2	90.1		0.516
Grid-A-16C-3	90.1		0.355
Grid-A-16C-4	90.1		0.491
Grid-A-16C-5	90.1		2.024
Grid-A-16C-6	90.1		1.326
Grid-A-16C-7	90.6		0.432
Grid-A-16C-8	90.1		2.143
Grid-A-16C-9	90.1		4.2
Grid-A-16C-10	90.1		0.734
Grid-A-16C-11	90.1		0.147
Grid-A-16C-12	101.2	8/15/2023	0.083
Grid-A-16C-13	90.1	8/10/2023	0.049
Grid-A-16D-1	86.8	8/14/2023	0.095
Grid-A-16D-2	82.9		0.133
Grid-A-16D-3	83.1		0.111
Grid-A-16D-4	84.3		0.261
Grid-A-16D-5	81		0.34
Grid-A-16D-6	82.1		0.273
Grid-A-16D-7	85.6		0.486
Grid-A-16D-8	85.9		1.219
Grid-A-16D-9	82.5		0.063
Grid-A-16D-10	82.4		1.193
Grid-A-16D-11	84.4		0.23
Grid-A-16D-12	82.3		0.844
Grid-A-16D-13	82.9		0.076
Grid-A-17A-1	108.1	8/21/2023	0.082
Grid-A-17A-2	103.1		0.084
Grid-A-17A-3	108.1		0.131
Grid-A-17A-4	108.1		0.131
Grid-A-17A-5	105.3		0.085
Grid-A-17A-6	101.3		0.09
Grid-A-17A-7	106.2		0.068
Grid-A-17A-8	105.3		0.087
Grid-A-17A-9	100.4		0.042
Grid-A-17A-10	101.5		0.111
Grid-A-17A-11	120	9/5/2023	0.095
Grid-A-17A-12	100.4	8/21/2023	0.043
Grid-A-17A-13	102.1		0.096
Grid-A-17B-1	108.1		0.082
Grid-A-17B-2	103.1		0.084
Grid-A-17B-3	108.1		0.311
Grid-A-17B-4	108.1		0.131
Grid-A-17B-5	105.3		0.085
Grid-A-17B-6	101.3		0.09
Grid-A-17B-7	106.2		0.068
Grid-A-17B-8	105.3		0.087
Grid-A-17B-9	100.4		0.042
Grid-A-17B-10	101.5		0.111
Grid-A-17B-11	103.5		0.07
Grid-A-17B-12	100.4		0.043
Grid-A-17B-13	102.2		0.096

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 1: Former Building A Mercury Vapor Screening Results - Soil Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 3 through September 5, 2023**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Grid-A-17C-1	94.5	8/10/2023	0.501
Grid-A-17C-2	94.5		0.975
Grid-A-17C-3	95.4		0.434
Grid-A-17C-4	95.4		0.607
Grid-A-17C-5	95.4		0.27
Grid-A-17C-6	95.4		1.309
Grid-A-17C-7	95.4		0.437
Grid-A-17C-8	95.4		0.447
Grid-A-17C-9	95.4		0.721
Grid-A-17C-10	99.2		0.607
Grid-A-17C-11	99.2		0.427
Grid-A-17C-12	99.2		0.15
Grid-A-17C-13	123.8		0.107
Grid-A-17D-1	99.2		0.127
Grid-A-17D-2	99.2		0.379
Grid-A-17D-3	99.2		0.145
Grid-A-17D-4	99.2		0.224
Grid-A-17D-5	99.2		0.421
Grid-A-17D-6	77.6		1.486
Grid-A-17D-7	80.4		4.131
Grid-A-17D-8	78.8		2.372
Grid-A-17D-9	76.8		0.077
Grid-A-17D-10	77.7		0.985
Grid-A-17D-11	77		1.28
Grid-A-17D-12	79.9		0.786
Grid-A-17D-13	79.6		1.961
Grid-A-18A-1	101.5		0.403
Grid-A-18A-2	101.5		0.177
Grid-A-18A-3	101.5		0.263
Grid-A-18A-4	120	9/5/2023	0.054
Grid-A-18A-5	120	9/5/2023	0.558
Grid-A-18A-6	101.5	8/10/2023	0.051
Grid-A-18A-7	101.5	8/10/2023	0.067
Grid-A-18A-8	120	9/5/2023	0.041
Grid-A-18A-9	101.5	8/10/2023	0.037
Grid-A-18A-10	101.5		0.047
Grid-A-18A-11	101.5		0.082
Grid-A-18A-12	120	9/5/2023	0.048
Grid-A-18A-13	120	9/5/2023	0.044
Grid-A-18B-1	99.2	8/10/2023	0.102
Grid-A-18B-2	99.2		0.223
Grid-A-18B-3	99.2		0.224
Grid-A-18B-4	99.2		0.15
Grid-A-18B-5	99.2		0.145
Grid-A-18B-6	99.2		0.127
Grid-A-18B-7	99.2		0.607
Grid-A-18B-8	99.2		0.427
Grid-A-18B-9	99.2		0.379
Grid-A-18B-10	99.2		0.216
Grid-A-18B-11	99.2		0.129
Grid-A-18B-12	99.2		0.076
Grid-A-18B-13	99.2		0.066

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 1: Former Building A Mercury Vapor Screening Results - Soil Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 3 through September 5, 2023**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Grid-A-18C-1	96.2	8/10/2023	0.163
Grid-A-18C-2	96.2		0.26
Grid-A-18C-3	96.2		0.333
Grid-A-18C-4	96.2		0.298
Grid-A-18C-5	96.2		0.255
Grid-A-18C-6	96.2		0.616
Grid-A-18C-7	96.2		0.896
Grid-A-18C-8	96.2		0.723
Grid-A-18C-9	96.2		0.637
Grid-A-18C-10	96.2		0.428
Grid-A-18C-11	96.2		0.611
Grid-A-18C-12	105.2		0.034
Grid-A-18C-13	95.8		0.134
Grid-A-18D-1	87.8		0.025
Grid-A-18D-2	85.8		0.228
Grid-A-18D-3	87.4		1.26
Grid-A-18D-4	85.8		4.58
Grid-A-18D-5	87.8		2.025
Grid-A-18D-6	86.8		0.412
Grid-A-18D-7	86		0.269
Grid-A-18D-8	87.2		0.113
Grid-A-18D-9	86.9		0.097
Grid-A-18D-10	89.1		0.57
Grid-A-18D-11	86.5		0.589
Grid-A-18D-12	88.1		0.79
Grid-A-18D-13	87.6		0.054
Grid-A-18E-3	75.1		0.083
Grid-A-18E-4	75.1		0.124
Grid-A-18E-5	75.1		0.024
Grid-A-18E-7	75.1		0.167
Grid-A-18E-8	75.1		0.103
Grid-A-18E-9	Not Recorded		0
Grid-A-19A-1	102.5		0.127
Grid-A-19A-2	102.5		0.127
Grid-A-19A-3	102.5		0.171
Grid-A-19A-4	102.5		0.14
Grid-A-19A-5	102.5		0.041
Grid-A-19A-6	102.5		0.413
Grid-A-19A-7	102.5		0.097
Grid-A-19A-8	102.5		0.027
Grid-A-19A-9	102.5		0.07
Grid-A-19A-10	102.5		0.15
Grid-A-19A-11	102.5		0.102
Grid-A-19A-12	102.5		0.016
Grid-A-19A-13	102.5		0.012

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 1: Former Building A Mercury Vapor Screening Results - Soil Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 3 through September 5, 2023**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Grid-A-19B-1	103.2	8/10/2023	0.151
Grid-A-19B-2	103.2		1.105
Grid-A-19B-3	103.2		0.34
Grid-A-19B-4	103.2		1.188
Grid-A-19B-5	103.2		0.241
Grid-A-19B-6	103.2		0.257
Grid-A-19B-7	103.2		0.335
Grid-A-19B-8	103.2		0.102
Grid-A-19B-9	103.2		0.047
Grid-A-19B-10	103.2		0.251
Grid-A-19B-11	103.2		0.109
Grid-A-19B-12	103.2		0.662
Grid-A-19B-13	103.2		0.175
Grid-A-19C-1	115		0.117
Grid-A-19C-2	115		0.32
Grid-A-19C-3	115		0.658
Grid-A-19C-4	115		0.601
Grid-A-19C-5	115		0.244
Grid-A-19C-6	115		0.328
Grid-A-19C-7	115		0.211
Grid-A-19C-8	115		0.958
Grid-A-19C-9	115		0.382
Grid-A-19C-10	115		0.302
Grid-A-19C-11	115		0.395
Grid-A-19C-12	115		0.576
Grid-A-19C-13	115		0.229
Grid-A-19D-1	79.6		0.147
Grid-A-19D-2	79.6		0.044
Grid-A-19D-3	79.6		0.057
Grid-A-19D-4	79.6		0.132
Grid-A-19D-5	79.6		0.046
Grid-A-19D-6	79.6		0.21
Grid-A-19D-7	79.6		8.069
Grid-A-19D-8	79.6		0.209
Grid-A-19D-9	79.6		0.074
Grid-A-19D-10	79.6		0.109
Grid-A-19D-11	79.6		0.203
Grid-A-19D-12	79.6		0.179
Grid-A-19D-13	79.6		0.043
Grid-A-19E-1	79.9		0.09
Grid-A-19E-2	82.1		0.072
Grid-A-19E-3	83.6		0.061
Grid-A-19E-4	Not Recorded		0.081
Grid-A-19E-5	120	9/5/2023	0.053
Grid-A-19E-6	82.1	8/10/2023	0.116
Grid-A-19E-7	82.1		0.199

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 1: Former Building A Mercury Vapor Screening Results - Soil Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 3 through September 5, 2023**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Grid-A-20A-1	116	8/10/2023	0.044
Grid-A-20A-2	116.3		0.232
Grid-A-20A-3	116.5		0.181
Grid-A-20A-4	115.6		0.069
Grid-A-20A-5	116.5		0.108
Grid-A-20A-6	116.4		0.122
Grid-A-20A-7	116.5		0.292
Grid-A-20A-8	116		0.889
Grid-A-20A-9	116.4		0.05
Grid-A-20A-10	116.4		0.113
Grid-A-20A-11	116.4		0.198
Grid-A-20A-12	116		0.13
Grid-A-20A-13	116.4		0.299
Grid-A-20B-1	100		0.04
Grid-A-20B-2	100.1		0.126
Grid-A-20B-3	100.1		0.396
Grid-A-20B-4	100.1		0.177
Grid-A-20B-5	100.1		0.095
Grid-A-20B-6	100.1		0.056
Grid-A-20B-7	100.1		0.057
Grid-A-20B-8	100.1		0.588
Grid-A-20B-9	100.1		0.009
Grid-A-20B-10	100.1		0.028
Grid-A-20B-11	100.1		0.011
Grid-A-20B-12	100.1		0.062
Grid-A-20B-13	100.1		0.047
Grid-A-20C-1	89.1	8/14/2023	0.067
Grid-A-20C-2	88.2		0.229
Grid-A-20C-3	86.2		0.526
Grid-A-20C-4	90.4		0.157
Grid-A-20C-5	87.8		0.105
Grid-A-20C-6	90.1		0.177
Grid-A-20C-7	89.4		0.19
Grid-A-20C-8	90.1		0.125
Grid-A-20C-9	91.1		0.078
Grid-A-20C-10	85.6		0.116
Grid-A-20C-11	94.9		0.12
Grid-A-20C-12	95.2		0.091
Grid-A-20C-13	94.6		0.065
Grid-A-20D-1	79.7	8/10/2023	0.103
Grid-A-20D-2	79.7		0.152
Grid-A-20D-3	79.7		0.138
Grid-A-20D-4	79.7		0.143
Grid-A-20D-5	79.7		0.074
Grid-A-20D-6	79.7		0.432
Grid-A-20D-7	79.7		0.21
Grid-A-20D-8	79.7		0.207
Grid-A-20D-9	79.7		0.08
Grid-A-20D-10	100.3	8/15/2023	0.042
Grid-A-20D-11	79.7	8/10/2023	0.384
Grid-A-20D-12	79.7		0.487
Grid-A-20D-13	79.7		0.13

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 1: Former Building A Mercury Vapor Screening Results - Soil Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 3 through September 5, 2023**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Grid-A-20E-3	87.5	8/23/2023	0.029
Grid-A-20E-4	82.9		0.043
Grid-A-20E-5	80.9		0.058
Grid-A-20E-7	86.7		0.086
Grid-A-20E-8	82.3		0.081
Grid-A-20E-11	82.1		0.041
Grid-A-20E-12	79.5		0.054
Grid-A-20E-13	77		0.077
Grid-A-21A-1	97.2	8/10/2023	0.042
Grid-A-21A-2	97.2		0.041
Grid-A-21A-3	97.2		0.05
Grid-A-21A-4	97.2		0.067
Grid-A-21A-5	97.2		0.066
Grid-A-21A-6	97.2		0.031
Grid-A-21A-7	97.2		0.035
Grid-A-21A-8	97.2		0.047
Grid-A-21A-9	97.2		0.04
Grid-A-21A-10	97.2		0.04
Grid-A-21A-11	97.2		0.033
Grid-A-21A-12	97.2		0.046
Grid-A-21A-13	97.2		0.045
Grid-A-21B-1	104.2		0.078
Grid-A-21B-2	104.2		0.06
Grid-A-21B-3	104.2		0.021
Grid-A-21B-4	104.2		0.035
Grid-A-21B-5	104.2		0.034
Grid-A-21B-6	104.2		0.026
Grid-A-21B-7	104.2		0.056
Grid-A-21B-8	104.2		0.052
Grid-A-21B-9	104.2		0.037
Grid-A-21B-10	104.2		0.049
Grid-A-21B-11	104.2		0.039
Grid-A-21B-12	104.2		0.04
Grid-A-21B-13	104.2		0.031
Grid-A-21C-1	100.2		0.034
Grid-A-21C-2	100.2		0.093
Grid-A-21C-3	100.2		0.104
Grid-A-21C-4	100.2		0.139
Grid-A-21C-5	100.2		0.066
Grid-A-21C-6	100.2		0.051
Grid-A-21C-7	100.2		0.136
Grid-A-21C-8	100.2		0.134
Grid-A-21C-9	100.2		0.03
Grid-A-21C-10	100.2		0.038
Grid-A-21C-11	100.2		0.043
Grid-A-21C-12	100.2		0.104
Grid-A-21C-13	100.2		0.035

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed



**Table 1: Former Building A Mercury Vapor Screening Results - Soil Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 3 through September 5, 2023**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Grid-A-21D-1	89.9	8/10/2023	0.01
Grid-A-21D-2	89.9		0.058
Grid-A-21D-3	103.5	8/15/2023	0.018
Grid-A-21D-4	101.2		0.037
Grid-A-21D-5	89.9	8/10/2023	0.02
Grid-A-21D-6	89.9		0.028
Grid-A-21D-7	89.9		0.082
Grid-A-21D-8	89.9		0.028
Grid-A-21D-9	89.9		0.027
Grid-A-21D-10	89.9		0.035
Grid-A-21D-11	100.2	8/15/2023	0.02
Grid-A-21D-12	89.9	8/10/2023	0.038
Grid-A-21D-13	89.9		0.018

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 2: Former Building A Mercury Vapor Screening Results - Footer Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 3 through August 22, 2023**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Footer-A-A1-E	91.6	8/10/2023	0.407
Footer-A-A1-N	85.3		0.085
Footer-A-A1-S	91		0.81
Footer-A-A1-T	91.6		0.389
Footer-A-A1-W	91.7		0.04
Footer-A-C1-E	93.5	8/9/2023	0.039
Footer-A-C1-N	93		0.415
Footer-A-C1-S	92.9		0.441
Footer-A-C1-T	95.3		0.449
Footer-A-C1-W	91.2		0.538
Footer-A-D1-E	92.6		0.109
Footer-A-D1-N	93.4		0.334
Footer-A-D1-S	93.9		0.588
Footer-A-D1-T	96.8		0.549
Footer-A-D1-W	92.5		0.072
Footer-A-A2-E	113.4		0.09
Footer-A-A2-N	109.7		0.056
Footer-A-A2-S	105.8		0.037
Footer-A-A2-T	116.3		0.197
Footer-A-A2-W	105.6		0.055
Footer-A-B2-E	112.2		0.205
Footer-A-B2-N	111.1		0.212
Footer-A-B2-S	110.7		0.175
Footer-A-B2-T	103.7		0.146
Footer-A-B2-W	110.9		0.04
Footer-A-C2-E	93		1.65
Footer-A-C2-N	101.6		0.219
Footer-A-C2-S	103.5		0.461
Footer-A-C2-T	97.5		0.923
Footer-A-C2-W	97.5		0.074
Footer-A-D2-E	101		0.29
Footer-A-D2-N	106.2		0.121
Footer-A-D2-S	110.5		0.312
Footer-A-D2-T	102.9		0.444
Footer-A-D2-W	102		0.201
Footer-A-A3-E	122		0.348
Footer-A-A3-N	112		0.356
Footer-A-A3-S	112		0.389
Footer-A-A3-T	114		0.358
Footer-A-A3-W	112		0.047
Footer-A-B3-E	123		0.852
Footer-A-B3-N	123		0.212
Footer-A-B3-S	129.3		0.056
Footer-A-B3-T	110.4		1.257
Footer-A-B3-W	112.8		0.113
Footer-A-C3-E	107.2		0.123
Footer-A-C3-N	117.2		0.092
Footer-A-C3-S	112.1		0.05
Footer-A-C3-T	106.4		0.259
Footer-A-C3-W	106.8		0.078
Footer-A-A4-E	139.8		0.453
Footer-A-A4-N	139.9		0.161
Footer-A-A4-S	128.4		0.073
Footer-A-A4-T	143.5		0.163
Footer-A-A4-W	138.5		1.257

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 2: Former Building A Mercury Vapor Screening Results - Footer Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 3 through August 22, 2023**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Footer-A-B4-E	122	8/9/2023	0.099
Footer-A-B4-N	125.6		0.062
Footer-A-B4-S	116.8		0.081
Footer-A-B4-T	121		0.261
Footer-A-B4-W	122.5		0.151
Footer-A-C4-E	126.5		0.157
Footer-A-C4-N	121.3		0.26
Footer-A-C4-S	113		0.046
Footer-A-C4-T	126.6		0.12
Footer-A-C4-W	113.9		0.064
Footer-A-A5-E	140.6		2.963
Footer-A-A5-N	128.8		0.485
Footer-A-A5-S	127.3		9.318
Footer-A-A5-T	129.6		0.147
Footer-A-A5-W	122.6		0.315
Footer-A-B5-E	142.1		0.589
Footer-A-B5-N	119.1		0.283
Footer-A-B5-S	149.5		0.636
Footer-A-B5-T	129.3		1.298
Footer-A-B5-W	122.6		0.598
Footer-A-C5-E	133.4		0.593
Footer-A-C5-N	125.4		1.365
Footer-A-C5-S	132.5		0.154
Footer-A-C5-T	128.6		0.448
Footer-A-C5-W	Not Recorded		0.064
Footer-A-A6-E	129.4		0.425
Footer-A-A6-N	147.9		0.623
Footer-A-A6-S	128.9		0.098
Footer-A-A6-T	120.4		0.102
Footer-A-A6-W	128.7		0.102
Footer-A-B6-E	119.5		0.507
Footer-A-B6-N	112.5		0.383
Footer-A-B6-S	144.1		0.219
Footer-A-B6-T	127.7		0.415
Footer-A-B6-W	139.9		0.469
Footer-A-C6-E	141.8		0.242
Footer-A-C6-N	139.5		0.193
Footer-A-C6-S	126.4		0.098
Footer-A-C6-T	140.3		0.101
Footer-A-C6-W	139.6		0.047
Footer-A-A7-E	114.5		0.363
Footer-A-A7-N	116.6		0.42
Footer-A-A7-S	130		0.735
Footer-A-A7-T	101		0.616
Footer-A-A7-W	142.2		0.316

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 2: Former Building A Mercury Vapor Screening Results - Footer Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 3 through August 22, 2023**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Footer-A-B7-E	116.8	8/14/2023	0.247
Footer-A-B7-N	114.8		0.153
Footer-A-B7-S	136.8		0.452
Footer-A-B7-T	122.4		0.15
Footer-A-B7-W	119.9		0.076
Footer-A-C7-E	86.4	8/10/2023	0.116
Footer-A-C7-N	91.4		0.162
Footer-A-C7-S	89.2		0.132
Footer-A-C7-T	89.5		0.174
Footer-A-C7-W	89.2		0.206
Footer-A-A8-E	125.2	8/9/2023	0.198
Footer-A-A8-N	129		0.128
Footer-A-A8-S	131.1		0.062
Footer-A-A8-T	127.6		0.099
Footer-A-A8-W	121.9		0.049
Footer-A-B8-E	114.7		0.252
Footer-A-B8-N	108.8		0.093
Footer-A-B8-S	125.6		0.518
Footer-A-B8-T	139.6		0.156
Footer-A-B8-W	128		0.079
Footer-A-C8-E	124.5		3.274
Footer-A-C8-N	130.1		0.262
Footer-A-C8-S	131.8		3.08
Footer-A-C8-T	144.2		3.369
Footer-A-C8-W	125		0.302
Footer-A-A9-E	128.9		1.82
Footer-A-A9-N	139.8		0.75
Footer-A-A9-S	122.1		1.9
Footer-A-A9-T	115		1.96
Footer-A-A9-W	122.9		1.77
Footer-A-B9-E	113.5		1.51
Footer-A-B9-N	126.8		1.36
Footer-A-B9-S	100.3		1.71
Footer-A-B9-T	130.4		1.59
Footer-A-B9-W	120.6		1.37
Footer-A-C9-E	114.1		3.51
Footer-A-C9-N	115.8		1.51
Footer-A-C9-S	125.9		2.62
Footer-A-C9-T	125		2.57
Footer-A-C9-W	128.7		2.74
Footer-A-A10-E	132.2		2.08
Footer-A-A10-N	130.2		2.06
Footer-A-A10-S	125.5		2.12
Footer-A-A10-T	137.8		2.25
Footer-A-A10-W	128.1		1.8
Footer-A-B10-E	105.1		1.25
Footer-A-B10-N	114.9		1.19
Footer-A-B10-S	117.1		1.72
Footer-A-B10-T	120.7		1.14
Footer-A-B10-W	118.9		1.79
Footer-A-C10-E	109.3		3.73
Footer-A-C10-N	118.3		4.15
Footer-A-C10-S	118.2		1.77
Footer-A-C10-T	117.7		1.21
Footer-A-C10-W	128.8		1.85

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 2: Former Building A Mercury Vapor Screening Results - Footer Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 3 through August 22, 2023**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Footer-A-A11-E	121.9	8/9/2023	2.13
Footer-A-A11-N	125.1		2.52
Footer-A-A11-S	125.6		1.78
Footer-A-A11-T	125.5		3.67
Footer-A-A11-W	125.6		4.58
Footer-A-B11-E	112.8		2.73
Footer-A-B11-N	111		1.99
Footer-A-B11-S	126.8		1.98
Footer-A-B11-T	100.3		2.06
Footer-A-B11-W	116.4		2.22
Footer-A-C11-E	122.4		2.47
Footer-A-C11-N	128.1		1.4
Footer-A-C11-S	120.6		2.44
Footer-A-C11-T	125.8		4.56
Footer-A-C11-W	118.5		3.39
	88.5	8/10/2023	0.095
Footer-A-A12-N	92.8		0.097
Footer-A-A12-S	90.7		0.069
Footer-A-A12-T	90.7		0.105
Footer-A-A12-W	90.1		0.065
Footer-A-B12-E	89.9		0.364
Footer-A-B12-N	97.3		0.328
Footer-A-B12-S	95.1		0.073
Footer-A-B12-T	93.7		0.451
Footer-A-B12-W	90.3		0.13
Footer-A-C12-E	94.6		0.299
Footer-A-C12-N	93.8		0.082
Footer-A-C12-S	97.4		0.084
Footer-A-C12-T	101.5		0.287
Footer-A-C12-W	100.7		0.162
Footer-A-A13-E	99.6		0.114
Footer-A-A13-N	98.2		0.367
Footer-A-A13-S	100.5		0.133
Footer-A-A13-T	108.3		0.171
Footer-A-A13-W	108.9		0.202
Footer-A-B13-E	95.5		0.399
Footer-A-B13-N	92		1.036
Footer-A-B13-S	95.6		7.6
Footer-A-B13-T	95.3		2.975
Footer-A-B13-W	96.8		3.529
Footer-A-C13-E	101.4		0.092
Footer-A-C13-N	99.7		0.313
Footer-A-C13-S	103.7		0.211
Footer-A-C13-T	99.2		0.232
Footer-A-C13-W	99.2		0.44
Footer-A-A14-E	102.9		0.058
Footer-A-A14-N	106.8		0.138
Footer-A-A14-S	101.3		0.045
Footer-A-A14-T	100.8		0.066
Footer-A-A14-W	105.4		0.059

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 2: Former Building A Mercury Vapor Screening Results - Footer Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 3 through August 22, 2023**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Footer-A-B14-E	99.9	8/10/2023	0.115
Footer-A-B14-N	97.9		0.251
Footer-A-B14-S	101.1		0.498
Footer-A-B14-T	104.2		0.527
Footer-A-B14-W	100.4		0.581
Footer-A-C14-E	108.8		0.029
Footer-A-C14-N	109.9		0.185
Footer-A-C14-S	104.9		0.074
Footer-A-C14-T	110.7		0.091
Footer-A-C14-W	105.3		0.135
Footer-A-A15-E	95.4		0.04
Footer-A-A15-N	96.8		0.086
Footer-A-A15-S	95.3		0.034
Footer-A-A15-T	96.8		0.05
Footer-A-A15-W	94.2		0.051
Footer-A-B15-E	95.8		0.064
Footer-A-B15-N	95.3		0.109
Footer-A-B15-S	94.4		0.046
Footer-A-B15-T	95.7		0.082
Footer-A-B15-W	95.3		0.128
Footer-A-C15-E	95.2		0.083
Footer-A-C15-N	98.1		0.056
Footer-A-C15-S	95.7		0.044
Footer-A-C15-T	98		0.043
Footer-A-C15-W	93.3		0.068
Footer-A-A16-E	99.7		0.027
Footer-A-A16-N	97.4		0.085
Footer-A-A16-S	101.1		0.063
Footer-A-A16-T	98.4		0.032
Footer-A-A16-W	98.2		0.081
Footer-A-B16-E	107.9		0.173
Footer-A-B16-N	103.7		0.093
Footer-A-B16-S	106.7		0.095
Footer-A-B16-T	104.4		0.23
Footer-A-B16-W	105.8		0.222
Footer-A-C16-E	102		0.065
Footer-A-C16-N	109.9		0.047
Footer-A-C16-S	105		0.797
Footer-A-C16-T	102.2		0.154
Footer-A-C16-W	102.7		0.284
Footer-A-A17-E	93.1	8/22/2023	0.127
Footer-A-A17-N	97.7		0.115
Footer-A-A17-S	92.1		0.222
Footer-A-A17-T	105.5		0.475
Footer-A-A17-W	95.7		0.241

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 2: Former Building A Mercury Vapor Screening Results - Footer Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 3 through August 22, 2023**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Footer-A-B17-E	106.9	8/10/2023	0.23
Footer-A-B17-N	107.9		2.573
Footer-A-B17-S	112.9		4.559
Footer-A-B17-T	109.5		3.124
Footer-A-B17-W	113.9		0.407
Footer-A-C17-E	108.2		0.247
Footer-A-C17-N	108.1		0.203
Footer-A-C17-S	113.7		1.585
Footer-A-C17-T	112.7		0.344
Footer-A-C17-W	108.8		1.325
Footer-A-A18-E	97.8		0.055
Footer-A-A18-N	99.6		0.054
Footer-A-A18-S	102.6		0.07
Footer-A-A18-T	104.5		0.062
Footer-A-A18-W	105.4		0.067
Footer-A-B18-E	105.7		0.147
Footer-A-B18-N	108.8		0.336
Footer-A-B18-S	103.3		0.142
Footer-A-B18-T	103.5		0.117
Footer-A-B18-W	104.8		1.667
Footer-A-C18-E	105.6		0.08
Footer-A-C18-N	102.1		0.407
Footer-A-C18-S	107.1		0.113
Footer-A-C18-T	105.1		0.174
Footer-A-C18-W	107.4		0.279
Footer-A-A19-E	98.7		0.064
Footer-A-A19-N	98.8		0.429
Footer-A-A19-S	97.9		0.122
Footer-A-A19-T	98.6		0.565
Footer-A-A19-W	98.7		0.118
Footer-A-B19-E	94.4		1.31
Footer-A-B19-N	96.1		0
Footer-A-B19-S	95.7		0
Footer-A-B19-T	94.7		0
Footer-A-B19-W	94.6		0
Footer-A-C19-E	94.8		0
Footer-A-C19-N	94.5		0
Footer-A-C19-S	92.7		0
Footer-A-C19-T	95.4		0
Footer-A-C19-W	94.6		0
Footer-A-D19-E	76.3		0
Footer-A-D19-N	76.3		0
Footer-A-D19-S	76.3		0
Footer-A-D19-T	76.3		0
Footer-A-D19-W	76.3		0

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 2: Former Building A Mercury Vapor Screening Results - Footer Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 3 through August 22, 2023**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Footer-A-A20-E	89.9	8/10/2023	0
Footer-A-A20-N	87.8		0
Footer-A-A20-S	87.5		0
Footer-A-A20-T	86		0
Footer-A-A20-W	87		0
Footer-A-B20-E	84.5		0
Footer-A-B20-N	86.1		0
Footer-A-B20-S	85.7		0
Footer-A-B20-T	86		0
Footer-A-B20-W	85.4		0
Footer-A-C20-E	77.2		3.81
Footer-A-C20-N	77.5		5.72
Footer-A-C20-S	78.9		2.34
Footer-A-C20-T	76.1		1.03
Footer-A-C20-W	77.7		2.56
Footer-A-D20-E	76.3		0
Footer-A-D20-N	78.2		0
Footer-A-D20-S	76.3		0
Footer-A-D20-T	76.3		1.01
Footer-A-D20-W	76.3		0.54
Footer-A-A21-E	83		0
Footer-A-A21-N	82.3		0
Footer-A-A21-S	82.9		0
Footer-A-A21-T	81.9		0
Footer-A-A21-W	82		0
Footer-A-B21-E	81.2		0
Footer-A-B21-N	81		0
Footer-A-B21-S	81.5		0
Footer-A-B21-T	82		0
Footer-A-B21-W	81.9		0
Footer-A-C21-E	76		3.57
Footer-A-C21-N	76.8		1.89
Footer-A-C21-S	76		4.1
Footer-A-C21-T	80		0
Footer-A-C21-W	76.5		0

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed



**Table 3: Courtyard Mercury Vapor Screening Results - Soil Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 11 through September 15, 2023**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Grid-CY-0F-2	118.3	8/11/2023	1.02
Grid-CY-0F-3	137.2		0.072
Grid-CY-0F-4	123.4		0.065
Grid-CY-0F-6	128.4		0.116
Grid-CY-0F-7	131.2		0.261
Grid-CY-0F-8	125.7		0.087
Grid-CY-0F-9	137.8		0.138
Grid-CY-0F-9	132.4		0.214
Grid-CY-0F-10	130.2		0.147
Grid-CY-0F-11	130.2		0.197
Grid-CY-0F-12	130.2		0.169
Grid-CY-0F-13	130.2		0.071
Grid-CY-1F-2	116.2		3.29
Grid-CY-1F-3	116.2		1.64
Grid-CY-1F-4	116.2		1.28
Grid-CY-1F-6	116.2		0.96
Grid-CY-1F-7	116.2		0.8
Grid-CY-1F-8	116.2		1.02
Grid-CY-1F-9	116.2		1.11
Grid-CY-1F-10	116.2		0.96
Grid-CY-1F-11	116.2		1.27
Grid-CY-1F-12	116.2		0.82
Grid-CY-1F-13	116.2		0.66
Grid-CY-2F-2	Not Recorded	8/25/2023	0.138
Grid-CY-2F-3	Not Recorded		0.069
Grid-CY-2F-4	Not Recorded		0.072
Grid-CY-2F-6	Not Recorded		0.074
Grid-CY-2F-7	Not Recorded		0.045
Grid-CY-2F-8	Not Recorded		0.441
Grid-CY-2F-9	Not Recorded		0.335
Grid-CY-2F-10	Not Recorded		0.178
Grid-CY-2F-11	Not Recorded		0.164
Grid-CY-2F-12	Not Recorded		0.099
Grid-CY-2F-13	Not Recorded		0.151
Grid-CY-3E-6	121.7	8/11/2023	0.15
Grid-CY-3E-7	121.7		0.261
Grid-CY-3E-8	121.7		0.311
Grid-CY-3E-9	121.7		0.243
Grid-CY-3E-10	121.7		0.244
Grid-CY-3E-11	121.7		1.189
Grid-CY-3E-12	121.7		0.582
Grid-CY-3E-13	121.7		0.277
Grid-CY-3F-2	98.3	8/21/2023	0.021
Grid-CY-3F-3	104.3		0.144
Grid-CY-3F-4	103.7		0.12
Grid-CY-3F-6	95.8		0.026
Grid-CY-3F-7	99.4		0.382
Grid-CY-3F-8	94.4		0.268
Grid-CY-3F-9	91		0.006
Grid-CY-3F-10	87.4		0.088
Grid-CY-3F-11	84.5		0.115
Grid-CY-3F-12	84.5		0.161
Grid-CY-3F-13	85.6		0.056

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 3: Courtyard Mercury Vapor Screening Results - Soil Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 11 through September 15, 2023**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Grid-CY-4E-10	126.4	8/11/2023	1.311
Grid-CY-4E-11	126.4		1.247
Grid-CY-4E-12	126.4		0.709
Grid-CY-4E-13	126.4		0.162
Grid-CY-4E-6	126.4		1.294
Grid-CY-4E-7	126.4		0.946
Grid-CY-4E-8	126.4		0.852
Grid-CY-4E-9	126.4		0.227
Grid-CY-4F-2	126.2		0.138
Grid-CY-4F-3	126.2		0.368
Grid-CY-4F-4	126.4		0.345
Grid-CY-4F-6	126.4		0.162
Grid-CY-4F-7	126.4		0.235
Grid-CY-4F-8	126.2		0.065
Grid-CY-4F-9	126.2		0.075
Grid-CY-4F-10	132.4		0.214
Grid-CY-4F-11	126.2		0.175
Grid-CY-4F-12	126.2		0.12
Grid-CY-4F-13	125.5		0.076
Grid-CY-5E-6	120.7		0.358
Grid-CY-5E-7	120.7		1.368
Grid-CY-5E-8	120.7		1.268
Grid-CY-5E-9	120.7		0.184
Grid-CY-5E-10	120.7		0.244
Grid-CY-5E-11	120.7		0.918
Grid-CY-5E-12	120.7		0.402
Grid-CY-5E-13	120.7		0.303
Grid-CY-5F-2	152		0.115
Grid-CY-5F-3	153		0.872
Grid-CY-5F-4	153		0.335
Grid-CY-5F-6	153		0.072
Grid-CY-5F-7	152		0.242
Grid-CY-5F-9	153		0.094
Grid-CY-5F-8	153		0.732
Grid-CY-5F-10	153		0.13
Grid-CY-5F-11	153		0.32
Grid-CY-5F-12	153		0.511
Grid-CY-5F-13	153		0.099
Grid-CY-6E-6	145.8		0.9
Grid-CY-6E-7	145.8		1.415
Grid-CY-6E-8	145.8		0.835
Grid-CY-6E-9	145.8		0.16
Grid-CY-6E-10	145.8		0.863
Grid-CY-6E-11	145.8		0.78
Grid-CY-6E-12	145.8		0.922
Grid-CY-6E-13	145.8		0.351

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 3: Courtyard Mercury Vapor Screening Results - Soil Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 11 through September 15, 2023**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Grid-CY-6F-2	122.7	8/11/2023	0.28
Grid-CY-6F-3	122.7		1.236
Grid-CY-6F-4	122.7		1.692
Grid-CY-6F-6	122.7		0.602
Grid-CY-6F-7	122.7		1.973
Grid-CY-6F-8	122.7		1.783
Grid-CY-6F-9	122.7		0.77
Grid-CY-6F-10	122.7		1.52
Grid-CY-6F-11	122.7		1.689
Grid-CY-6F-12	122.7		1.706
Grid-CY-6F-13	122.7		0.694
Grid-CY-7E-1	105.1	8/21/2023	0.109
Grid-CY-7E-2	116.9		0.225
Grid-CY-7E-3	122.7		0.514
Grid-CY-7E-4	133.1		0.224
Grid-CY-7E-5	107.8		0.157
Grid-CY-7E-6	106.5		0.248
Grid-CY-7E-7	98.8		0.075
Grid-CY-7E-8	113.5		0.317
Grid-CY-7E-9	107.5		0.307
Grid-CY-7E-10	110		0.411
Grid-CY-7E-11	106.5		0.274
Grid-CY-7E-12	104.6		0.581
Grid-CY-7E-13	104.8		0.393
Grid-CY-7F-2	134.2	8/11/2023	0.548
Grid-CY-7F-3	134.2		0.9
Grid-CY-7F-4	134.2		0.801
Grid-CY-7F-6	134.2		0.825
Grid-CY-7F-7	134.2		1.19
Grid-CY-7F-8	134.2		0.769
Grid-CY-7F-9	134.2		1.55
Grid-CY-7F-10	134.2		4.303
Grid-CY-7F-11	134.2		1.987
Grid-CY-7F-12	134.2		0.946
Grid-CY-7F-13	134.2		0.367
Grid-CY-8F-1	116.7	8/22/2023	0.123
Grid-CY-8F-2	116		0.288
Grid-CY-8F-3	118		1.054
Grid-CY-8F-4	117.7		1.606
Grid-CY-8F-5	115.9		0.857
Grid-CY-8F-6	116.6		1.521
Grid-CY-8F-7	117		1.332
Grid-CY-8F-8	118		0.24
Grid-CY-8F-9	117		0.209
Grid-CY-8F-10	118		1.394
Grid-CY-8F-11	117		0.779
Grid-CY-8F-12	116		0.731
Grid-CY-8F-13	116		0.356

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 3: Courtyard Mercury Vapor Screening Results - Soil Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 11 through September 15, 2023**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Grid-CY-9F-1	93.5	8/21/2023	0.036
Grid-CY-9F-2	86.5		0.054
Grid-CY-9F-3	90.5		0.066
Grid-CY-9F-4	93.9		0.078
Grid-CY-9F-5	92.2		0.053
Grid-CY-9F-6	94.9		0.06
Grid-CY-9F-7	96.9		0.111
Grid-CY-9F-8	101.5		0.143
Grid-CY-9F-9	103.6		0.079
Grid-CY-9F-10	96.8		0.064
Grid-CY-9F-11	104.6		0.043
Grid-CY-9F-12	103.8		0.096
Grid-CY-9F-13	101		0.053
Grid-CY-10F-1	91.6		0.045
Grid-CY-10F-2	85.6		0.055
Grid-CY-10F-3	85.5		0.165
Grid-CY-10F-4	915		0.097
Grid-CY-10F-5	92.5		0.123
Grid-CY-10F-6	97		0.046
Grid-CY-10F-7	98.7		0.081
Grid-CY-10F-8	103.6		0.094
Grid-CY-11E-1	89	8/22/2023	0.07
Grid-CY-11E-2	89		0.178
Grid-CY-11E-3	88.3		0.469
Grid-CY-11E-4	91.5		0.153
Grid-CY-11E-5	90.2		0.079
Grid-CY-11E-6	89.9		0.46
Grid-CY-11E-7	89.5		2.19
Grid-CY-11E-8	88.9		0.421
Grid-CY-11E-9	88.1		0.675
Grid-CY-11E-10	88.5		0.122
Grid-CY-11E-11	88.5		1.103
Grid-CY-11E-12	89.3		0.395
Grid-CY-11E-13	91.8		0.436
Grid-CY-11F-1	98.1		0.078
Grid-CY-11F-2	98.2		0.313
Grid-CY-11F-3	98.7		0.295
Grid-CY-11F-4	98.6		0.904
Grid-CY-11F-5	98.5		0.065
Grid-CY-11F-6	95.6		0.272
Grid-CY-11F-7	98.5		0.655
Grid-CY-11F-8	98.5		0.384
Grid-CY-11F-9	97.6		0.218
Grid-CY-11F-10	97.7		0.093
Grid-CY-11F-11	98.1		0.936
Grid-CY-11F-12	100.1		0.63
Grid-CY-11F-13	3.1		0.076

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 3: Courtyard Mercury Vapor Screening Results - Soil Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 11 through September 15, 2023**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Grid-CY-12A-1	70.1	8/24/2023	0.033
Grid-CY-12A-2	66		0.043
Grid-CY-12A-3	69.8		0.05
Grid-CY-12A-6	68.8		0.036
Grid-CY-12A-7	67.6		0.047
Grid-CY-12A-9	66.3		0.018
Grid-CY-12A-10	65.8		0.032
Grid-CY-12A-11	68.4		0.038
Grid-CY-12B-1	65.4		0.042
Grid-CY-12B-2	76.4		0.017
Grid-CY-12B-3	67.8		0.046
Grid-CY-12B-6	78		0.075
Grid-CY-12B-7	65		0.029
Grid-CY-12B-9	76		0.033
Grid-CY-12B-10	67		0.034
Grid-CY-12B-11	76		0.04
Grid-CY-12C-1	73		0.017
Grid-CY-12C-2	72.1		0.014
Grid-CY-12C-3	70.4		0.031
Grid-CY-12C-6	69.5		0.035
Grid-CY-12C-7	66.8		0.02
Grid-CY-12C-9	65.8		0.005
Grid-CY-12C-10	66.8		0.021
Grid-CY-12C-11	38		0.038
Grid-CY-12E-6	131	8/22/2023	0.585
Grid-CY-12E-7	131		1.026
Grid-CY-12E-8	131		0.767
Grid-CY-12E-9	131		0.907
Grid-CY-12E-10	131		1.222
Grid-CY-12E-11	131		0.68
Grid-CY-12E-12	131		2.423
Grid-CY-12E-13	131		0.802
Grid-CY-12F-1	93		0.298
Grid-CY-12F-2	98		0.263
Grid-CY-12F-3	98		0.469
Grid-CY-12F-4	97		0.348
Grid-CY-12F-5	98		0.089
Grid-CY-12F-6	100		0.776
Grid-CY-12F-7	100		0.089
Grid-CY-12F-8	100		0.977
Grid-CY-12F-9	100		0.334
Grid-CY-12F-10	101		0.991
Grid-CY-12F-11	100		0.799
Grid-CY-12F-12	100		1.51
Grid-CY-12F-13	100		0.581

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 3: Courtyard Mercury Vapor Screening Results - Soil Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 11 through September 15, 2023**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Grid-CY-12G-1	77.2	8/24/2023	0.074
Grid-CY-12G-2	80.7		0.076
Grid-CY-12G-3	77.1		0.115
Grid-CY-12G-4	81.4		0.027
Grid-CY-12G-5	78.8		0.069
Grid-CY-12G-6	76.3		0.054
Grid-CY-12G-7	75.1		0.083
Grid-CY-12G-8	76.1		0.219
Grid-CY-12G-9	76.8		0.206
Grid-CY-12G-10	76.8		0.038
Grid-CY-12G-11	79.2		0.067
Grid-CY-12G-12	77.4		0.086
Grid-CY-12G-13	76.8		0.081
Grid-CY-13A-1	76.4		0.029
Grid-CY-13A-2	77.7		0.1
Grid-CY-13A-3	76.2		0.04
Grid-CY-13A-4	76.6		0.03
Grid-CY-13A-5	73.5		0.025
Grid-CY-13A-6	72.5		0.075
Grid-CY-13A-7	76.5		0.048
Grid-CY-13A-8	75.5		0.026
Grid-CY-13A-9	75.1		0.092
Grid-CY-13A-10	77.1		0.043
Grid-CY-13A-11	75.8		0.042
Grid-CY-13A-12	75.9		0.048
Grid-CY-13A-13	77.5		0.036
Grid-CY-13B-1	78.2		0.039
Grid-CY-13B-2	75.3		0.045
Grid-CY-13B-3	76.9		0.028
Grid-CY-13B-4	75.5		0.031
Grid-CY-13B-5	79.6		0.027
Grid-CY-13B-6	72.8		0.056
Grid-CY-13B-7	78.9		0.028
Grid-CY-13B-8	74		0.036
Grid-CY-13B-9	72.2		0.027
Grid-CY-13B-10	70.4		0.085
Grid-CY-13B-11	75.3		0.039
Grid-CY-13B-12	74.8		0.043
Grid-CY-13B-13	74.4		0.098

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 3: Courtyard Mercury Vapor Screening Results - Soil Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 11 through September 15, 2023**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Grid-CY-13C-1	75.8	8/24/2023	0.074
Grid-CY-13C-2	73.9		0.034
Grid-CY-13C-3	72.8		0.036
Grid-CY-13C-4	78.3		0.049
Grid-CY-13C-5	76.3		0.051
Grid-CY-13C-6	73.4		0.042
Grid-CY-13C-7	72.3		0.045
Grid-CY-13C-8	73		0.04
Grid-CY-13C-9	73.8		0.051
Grid-CY-13C-10	71		0.029
Grid-CY-13C-11	70.8		0.036
Grid-CY-13C-12	71.2		0.031
Grid-CY-13C-13	72.9		0.034
Grid-CY-13E-1	120	9/5/2023	0.065
Grid-CY-13E-2	120		0.82
Grid-CY-13E-3	120		0.558
Grid-CY-13E-4	120		0.226
Grid-CY-13E-5	120		0.301
Grid-CY-13E-6	120	8/22/2023	2.46
Grid-CY-13E-7	120.2		0.638
Grid-CY-13E-8	126		0.925
Grid-CY-13E-9	125		0.101
Grid-CY-13E-10	124		0.434
Grid-CY-13E-11	125		1.498
Grid-CY-13E-12	126.2		0.688
Grid-CY-13E-13	130.1		0.505
Grid-CY-13F-1	71		0.152
Grid-CY-13F-2	87		1.122
Grid-CY-13F-3	88.6		0.239
Grid-CY-13F-4	88		1.353
Grid-CY-13F-5	88.6		0.353
Grid-CY-13F-6	88.6		0.104
Grid-CY-13F-7	88.6		0.777
Grid-CY-13F-8	88.6		1.593
Grid-CY-13F-9	88		1.466
Grid-CY-13F-10	90		3.661
Grid-CY-13F-11	88.6		1.607
Grid-CY-13F-12	88.6		0.979
Grid-CY-13F-13	88		2.052
Grid-CY-13G-1	76.8	8/24/2023	0.062
Grid-CY-13G-10	75.1		0.047
Grid-CY-13G-11	74.1		0.038
Grid-CY-13G-12	76.4		0.064
Grid-CY-13G-13	74.9		0.091
Grid-CY-13G-2	77.3		0.046
Grid-CY-13G-3	75.5		0.083
Grid-CY-13G-4	75.1		0.128
Grid-CY-13G-5	74.2		0.11
Grid-CY-13G-6	73.4		0.07
Grid-CY-13G-7	74.4		0.057
Grid-CY-13G-8	75.6		0.078
Grid-CY-13G-9	76.6		0.037

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 3: Courtyard Mercury Vapor Screening Results - Soil Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 11 through September 15, 2023**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Grid-CY-14A-1	83.9	8/28/2023	0.27
Grid-CY-14A-2	82.5		0.171
Grid-CY-14A-3	85		0.027
Grid-CY-14A-4	88.3		0.039
Grid-CY-14A-5	84		0.027
Grid-CY-14A-6	86.5		0.244
Grid-CY-14A-7	86.3		0.116
Grid-CY-14A-8	83.6		0.07
Grid-CY-14A-9	80.3		0.08
Grid-CY-14A-10	83		0.581
Grid-CY-14A-11	80.3		0.199
Grid-CY-14A-12	84.6		0.067
Grid-CY-14A-13	83.6		0.027
Grid-CY-14B-1	79		0.023
Grid-CY-14B-2	78.7		0.019
Grid-CY-14B-3	76.6		0.014
Grid-CY-14B-4	79		0.018
Grid-CY-14B-5	78.6		0.02
Grid-CY-14B-6	80.4		0.023
Grid-CY-14B-7	80.3		0.022
Grid-CY-14B-8	80.1		0.011
Grid-CY-14B-9	76		0.012
Grid-CY-14B-10	78.4		0.024
Grid-CY-14B-11	77.6		0.016
Grid-CY-14B-12	77.3		0.021
Grid-CY-14B-13	79.1		0.03
Grid-CY-14C-1	79		0.034
Grid-CY-14C-2	78.2		0.03
Grid-CY-14C-3	79.5		0.027
Grid-CY-14C-4	79.2		0.036
Grid-CY-14C-5	79.7		0.017
Grid-CY-14C-6	80.8		0.1
Grid-CY-14C-7	81		0.128
Grid-CY-14C-8	81.4		0.025
Grid-CY-14C-9	77.8		0.024
Grid-CY-14C-10	79.2		0.218
Grid-CY-14C-11	81		0.11
Grid-CY-14C-12	81.3		0.088
Grid-CY-14C-13	80.4		0.051
Grid-CY-14E-1	120	9/5/2023	0.216
Grid-CY-14E-2	120		0.156
Grid-CY-14E-3	120		0.235
Grid-CY-14E-4	120		0.249
Grid-CY-14E-5	120	8/22/2023	0.163
Grid-CY-14E-6	121		2.679
Grid-CY-14E-7	108		0.678
Grid-CY-14E-8	116		2.011
Grid-CY-14E-9	117		0.161
Grid-CY-14E-10	116.3		0.334
Grid-CY-14E-11	115.7		2.672
Grid-CY-14E-12	110		0.351
Grid-CY-14E-13	116		0.089

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed



**Table 3: Courtyard Mercury Vapor Screening Results - Soil Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 11 through September 15, 2023**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Grid-CY-14F-1	Not Recorded	8/22/2023	0.202
Grid-CY-14F-2	Not Recorded		0.142
Grid-CY-14F-3	Not Recorded		0.446
Grid-CY-14F-4	Not Recorded		0.305
Grid-CY-14F-5	Not Recorded		0.324
Grid-CY-14F-6	123		0.956
Grid-CY-14F-7	113		0.165
Grid-CY-14F-8	123		0.394
Grid-CY-14F-9	123		2.281
Grid-CY-14F-10	108		2.051
Grid-CY-14F-11	109		2.474
Grid-CY-14F-12	108		0.366
Grid-CY-14F-13	108		0.554
Grid-CY-14G-1	79.8	8/24/2023	0.084
Grid-CY-14G-2	77.3		0.091
Grid-CY-14G-3	77		0.065
Grid-CY-14G-4	79.8		0.055
Grid-CY-14G-5	76.1		0.023
Grid-CY-14G-6	75.8		0.089
Grid-CY-14G-7	77.7		0.053
Grid-CY-14G-8	79.9		0.07
Grid-CY-14G-9	78.7		0.042
Grid-CY-14G-10	76.8		0.058
Grid-CY-14G-11	79.8		0.071
Grid-CY-14G-12	77.5		0.065
Grid-CY-14G-13	77.4		0.047
Grid-CY-15E-1	120	9/5/2023	0.198
Grid-CY-15E-2	120		0.605
Grid-CY-15E-3	120		0.272
Grid-CY-15E-4	120		0.263
Grid-CY-15E-5	120		0.072
Grid-CY-15E-6	113	8/22/2023	0.822
Grid-CY-15E-7	113		0.118
Grid-CY-15E-8	113		0.125
Grid-CY-15E-9	113		0.148
Grid-CY-15E-10	115		0.065
Grid-CY-15E-11	94		0.289
Grid-CY-15E-12	98		0.091
Grid-CY-15E-13	96		0.114
Grid-CY-15F-1	110		0.281
Grid-CY-15F-2	110.4		0.391
Grid-CY-15F-3	110.3		0.796
Grid-CY-15F-4	110.2		0.944
Grid-CY-15F-5	110.4		0.371
Grid-CY-15F-6	111.4		1.41
Grid-CY-15F-7	113.6		1.051
Grid-CY-15F-8	113		0.893
Grid-CY-15F-9	113		0.172
Grid-CY-15F-10	113		1.401
Grid-CY-15F-11	113		0.955
Grid-CY-15F-12	113		0.462
Grid-CY-15F-13	113		0.462

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 3: Courtyard Mercury Vapor Screening Results - Soil Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 11 through September 15, 2023**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Grid-CY-15G-1	80.4	8/24/2023	0.122
Grid-CY-15G-2	79		0.108
Grid-CY-15G-3	79.3		0.396
Grid-CY-15G-4	82.5		0.113
Grid-CY-15G-5	79.7		0.042
Grid-CY-15G-6	80.6		0.122
Grid-CY-15G-7	80.9		0.169
Grid-CY-15G-8	76.4		0.051
Grid-CY-15G-9	76.8		0.039
Grid-CY-15G-10	80.1		0.108
Grid-CY-15G-11	82.4		0.068
Grid-CY-15G-12	76.8		0.059
Grid-CY-15G-13	76.8		0.072
Grid-CY-16E-1	116.4	8/21/2023	0.139
Grid-CY-16E-2	119.6		0.071
Grid-CY-16E-3	128.1		0.183
Grid-CY-16E-4	143.9		0.172
Grid-CY-16E-5	134.4		0.131
Grid-CY-16E-6	119.8		0.404
Grid-CY-16E-7	157.8		0.372
Grid-CY-16E-8	149.8		0.527
Grid-CY-16E-9	135.6		0.236
Grid-CY-16E-10	144		0.394
Grid-CY-16E-11	147.6		0.451
Grid-CY-16E-12	148.3		0.632
Grid-CY-16E-13	138.5		0.156
Grid-CY-16F-1	117.2		0.127
Grid-CY-16F-2	117.8		0.692
Grid-CY-16F-3	122.2		0.473
Grid-CY-16F-4	118.6		0.548
Grid-CY-16F-5	118.7		0.48
Grid-CY-16F-6	117.6		0.315
Grid-CY-16F-7	122.8		0.902
Grid-CY-16F-8	119		0.295
Grid-CY-16F-9	117.9		0.167
Grid-CY-16F-10	118.9		0.302
Grid-CY-16F-11	120.8		0.294
Grid-CY-16F-12	123.5		0.156
Grid-CY-16F-13	118.9		0.334
Grid-CY-16G-1	116.6	8/24/2023	0.401
Grid-CY-16G-2	124.4		0.4
Grid-CY-16G-3	126.7		0.546
Grid-CY-16G-4	125.5		0.48
Grid-CY-16G-5	135.5		0.07
Grid-CY-16G-6	133.6		0.203
Grid-CY-16G-7	133.9		0.676
Grid-CY-16G-8	136.1		0.399
Grid-CY-16G-9	134.4		0.208
Grid-CY-16G-10	129.5		0.42
Grid-CY-16G-11	138.7		1.43
Grid-CY-16G-12	133		0.525
Grid-CY-16G-13	131.7		0.204

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 3: Courtyard Mercury Vapor Screening Results - Soil Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 11 through September 15, 2023**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Grid-CY-17E-1	105.1	8/21/2023	0.109
Grid-CY-17E-2	116.9		0.225
Grid-CY-17E-3	122.7		0.514
Grid-CY-17E-4	133.1		0.224
Grid-CY-17E-5	107.8		0.157
Grid-CY-17E-6	106.5		0.248
Grid-CY-17E-7	98.8		0.075
Grid-CY-17E-8	113.5		0.317
Grid-CY-17E-9	105.5		0.097
Grid-CY-17E-10	110		0.411
Grid-CY-17E-11	106.5		0.274
Grid-CY-17E-12	104.6		0.581
Grid-CY-17E-13	104.8		0.393
Grid-CY-17F-1	116		0.097
Grid-CY-17F-2	119.4		0.2
Grid-CY-17F-3	128.4		0.571
Grid-CY-17F-4	122.8		0.247
Grid-CY-17F-5	125.6		0.149
Grid-CY-17F-6	125.3		0.285
Grid-CY-17F-7	127.5		0.157
Grid-CY-17F-8	131.5		0.416
Grid-CY-17F-9	125.1		0.146
Grid-CY-17F-11	125.1		0.154
Grid-CY-17F-12	121.6		0.235
Grid-CY-17F-13	120.8		0.111
Grid-CY-17G-1	131.1	8/24/2023	0.075
Grid-CY-17G-2	133		0.113
Grid-CY-17G-3	144.8		0.143
Grid-CY-17G-4	145.6		0.251
Grid-CY-17G-5	130.8		0.214
Grid-CY-17G-6	133.7		0.253
Grid-CY-17G-7	134.8		0.777
Grid-CY-17G-8	134.8		0.345
Grid-CY-17G-9	137.6		0.332
Grid-CY-17G-10	136		0.074
Grid-CY-17G-11	136.9		0.223
Grid-CY-17G-12	131		0.179
Grid-CY-17G-13	134.6		0.212
Grid-CY-18F-1	115.8	8/21/2023	0.283
Grid-CY-18F-2	114.6		0.35
Grid-CY-18F-3	120.8		0.532
Grid-CY-18F-4	131.7		0.238
Grid-CY-18F-5	126.1		0.076
Grid-CY-18F-6	117		0.179
Grid-CY-18F-7	124.4		0.299
Grid-CY-18F-8	114.7		0.137
Grid-CY-18F-9	120.9		0.168
Grid-CY-18F-10	128.8		0.432
Grid-CY-18F-11	124.7		0.216
Grid-CY-18F-12	133.5		0.291
Grid-CY-18F-13	129.5		0.17

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 3: Courtyard Mercury Vapor Screening Results - Soil Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 11 through September 15, 2023**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Grid-CY-18F-9	120	9/5/2023	0.256
Grid-CY-18F-10	120		0.296
Grid-CY-18F-11	120		0.469
Grid-CY-18F-12	120		0.384
Grid-CY-18F-13	120		0.104
Grid-CY-18G-1	121	8/24/2023	2.021
Grid-CY-18G-2	137		1.191
Grid-CY-18G-3	134		1.621
Grid-CY-18G-4	148		1
Grid-CY-18G-5	136.8		0.111
Grid-CY-18G-6	136.6		2.573
Grid-CY-18G-7	136.6		1.49
Grid-CY-18G-8	147.1		1.937
Grid-CY-18G-9	147		0.102
Grid-CY-18G-10	135.9		1.633
Grid-CY-18G-11	148		1.633
Grid-CY-18G-12	154.6		1.46
Grid-CY-18G-13	155.9		1.191
Grid-CY-19D-4	120	9/5/2023	1.326
Grid-CY-19D-5	120		0.715
Grid-CY-19D-8	120		1.115
Grid-CY-19F-1	95.5	8/21/2023	0.585
Grid-CY-19F-2	94.2		0.044
Grid-CY-19F-3	99		0.173
Grid-CY-19F-4	98.9		0.358
Grid-CY-19F-5	97.1		0.122
Grid-CY-19F-6	95		0.263
Grid-CY-19F-7	103.2		0.049
Grid-CY-19F-8	104.4		0.161
Grid-CY-19F-9	103.2		0.136
Grid-CY-19F-10	109.4		0.247
Grid-CY-19F-11	105.3		0.258
Grid-CY-19F-12	102.7		0.094
Grid-CY-19F-13	98.9		0.164
Grid-CY-19G-1	131.7	8/24/2023	2.157
Grid-CY-19G-2	117		0.333
Grid-CY-19G-3	128		2.594
Grid-CY-19G-4	125.6		0.67
Grid-CY-19G-5	131		0.512

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 3: Courtyard Mercury Vapor Screening Results - Soil Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 11 through September 15, 2023**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Grid-CY-20F-2	96.4	8/21/2023	0.195
Grid-CY-20F-3	97.1		0.179
Grid-CY-20F-4	99.1		0.147
Grid-CY-20F-5	98.3		0.108
Grid-CY-20F-6	100.4		0.086
Grid-CY-20F-7	100.5		0.239
Grid-CY-20F-8	91.2		0.193
Grid-CY-20F-9	104.6		0.089
Grid-CY-20F-11	100		0.145
Grid-CY-20F-12	95.9		0.163
Grid-CY-20F-13	99		0.174
Grid-CY-20G-1	130.7	8/24/2023	0.027
Grid-CY-20G-2	128		0.038
Grid-CY-20G-3	133.1		3.132
Grid-CY-20G-4	133.6		2.134
Grid-CY-20G-5	133.4		0.461
Grid-CY-21F-1	116.5	8/21/2023	0.084
Grid-CY-21F-2	114.4		0.118
Grid-CY-21F-3	117		0.147
Grid-CY-21F-4	115.6		0.464
Grid-CY-21F-5	114.4		0.502
Grid-CY-21F-6	109.4		0.086
Grid-CY-21F-7	121.8		0.073
Grid-CY-21F-8	119.2		0.469
Grid-CY-21F-9	114.6		0.153
Grid-CY-21F-10	122.8		0.605
Grid-CY-21F-11	118.5		0.787
Grid-CY-21F-12	118.1		0.112
Grid-CY-21F-13	110.6		0.303
Grid-CY-21G-1	127	8/24/2023	0.127
Grid-CY-21G-2	122.8		0.187
Grid-CY-21G-3	130.1		0.135
Grid-CY-21G-4	131		0.112
Grid-CY-21G-5	132		0.036

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 4A: Former Building B Mercury Vapor Screening Results - Soil Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 15 through September 1, 2022**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Grid-B-12D-12	147	8/15/2022	0.182
Grid-B-12D-11	114		0.133
Grid-B-12D-10	144		3.76
Grid-B-12D-8	130		0.196
Grid-B-12D-7	127		0.108
Grid-B-12D-6	139		2.276
Grid-B-12D-4	139		0.332
Grid-B-12D-3	126		0.44
Grid-B-12D-2	112		0.945
Grid-B-11D-12	132		0.764
Grid-B-11D-11	114		1.751
Grid-B-11D-10	121		0.683
Grid-B-11D-8	127		1.012
Grid-B-11D-7	99		0.926
Grid-B-11D-6	123		0.944
Grid-B-11D-4	109		0.705
Grid-B-11D-3	109		0.152
Grid-B-11D-2	106		0.26
Grid-B-11C-12	132		0.168
Grid-B-11C-11	124		0.201
Grid-B-11C-10	136		0.322
Grid-B-11C-8	125		1.095
Grid-B-11C-7	128		0.541
Grid-B-11C-6	130		0.516
Grid-B-11C-4	123		0.241
Grid-B-11C-3	124		1.011
Grid-B-11C-2	128		0.947
Grid-B-11B-8	131		0.524
Grid-B-11B-7	115		0.525
Grid-B-11B-6	119		0.946
Grid-B-11B-4	143		0.447
Grid-B-11B-3	127		0.747
Grid-B-11B-2	128		2.116
Grid-B-10D-12	133		2.475
Grid-B-10D-11	130		4.818
Grid-B-10D-10	123		0.738
Grid-B-10D-8	125		0.646
Grid-B-10D-7	131		0.56
Grid-B-10D-6	127		0.856
Grid-B-10D-4	119		0.537
Grid-B-10D-3	115		1.536
Grid-B-10D-2	132		1.314

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 4A: Former Building B Mercury Vapor Screening Results - Soil Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 15 through September 1, 2022**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Grid-B-10C-12	129	8/15/2022	0.858
Grid-B-10C-11	106		0.532
Grid-B-10C-10	132		0.416
Grid-B-10C-8	140		0.703
Grid-B-10C-7	140		0.907
Grid-B-10C-6	120		0.805
Grid-B-10C-4	136		1.089
Grid-B-10C-3	145		0.628
Grid-B-10C-2	124		0.654
Grid-B-7D-12	142		1.133
Grid-B-7D-11	154		1.636
Grid-B-7D-10	138		0.668
Grid-B-7D-8	127		2.008
Grid-B-7D-7	143		1.797
Grid-B-7D-6	136		2.934
Grid-B-7D-4	123		1.05
Grid-B-7D-3	149		2.299
Grid-B-7D-2	146		1.857
Grid-B-8D-12	123		0.342
Grid-B-8D-11	138		0.143
Grid-B-8D-10	125		0.711
Grid-B-8D-8	131		0.209
Grid-B-8D-7	138		0.214
Grid-B-8D-6	128		0.761
Grid-B-8D-4	128		0.146
Grid-B-8D-3	142		0.163
Grid-B-8D-2	143		0.191
Grid-B-6D-12	133		0.6
Grid-B-6D-11	127		0.604
Grid-B-6D-10	127		0.611
Grid-B-6D-8	125		0.664
Grid-B-6D-7	133		0.736
Grid-B-6D-6	128		0.772
Grid-B-6D-4	150		0.846
Grid-B-6D-3	133		0.932
Grid-B-6D-2	137		1.012
Grid-B-5D-12	116		0.602
Grid-B-5D-11	122		0.617
Grid-B-5D-10	131		0.638
Grid-B-5D-8	115		0.654
Grid-B-5D-7	125		0.559
Grid-B-5D-6	128		0.559
Grid-B-5D-4	136		0.562
Grid-B-5D-3	139		0.502
Grid-B-5D-2	114		0.493

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 4A: Former Building B Mercury Vapor Screening Results - Soil Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 15 through September 1, 2022**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m³)
Grid-B-4C-12	124	8/15/2022	0.621
Grid-B-4C-11	129		0.628
Grid-B-4C-10	123		0.62
Grid-B-4C-8	141		0.65
Grid-B-4C-7	138		0.656
Grid-B-4C-6	128		0.672
Grid-B-4C-4	129		0.677
Grid-B-4C-3	126		0.647
Grid-B-4C-2	122		0.594
Grid-B-4D-12	132		0.547
Grid-B-4D-11	137		0.557
Grid-B-4D-10	132		0.56
Grid-B-4D-8	136		0.549
Grid-B-4D-7	131		0.56
Grid-B-4D-6	127		0.573
Grid-B-4D-4	131		0.583
Grid-B-4D-3	132		0.587
Grid-B-4D-2	123		0.597
Grid-B-3C-12	118		1.523
Grid-B-3C-11	125		0.964
Grid-B-3C-10	116		0.932
Grid-B-3C-8	125		1.02
Grid-B-3C-7	130		1.058
Grid-B-3C-6	115		1.132
Grid-B-3C-4	123		1.23
Grid-B-3C-3	136		1.311
Grid-B-3C-2	128		1.265
Grid-B-3D-12	118		1.153
Grid-B-3D-11	123		1.143
Grid-B-3D-10	125		1.18
Grid-B-3D-8	132		0.941
Grid-B-3D-7	140		0.926
Grid-B-3D-6	128		0.906
Grid-B-3D-4	128		0.6
Grid-B-3D-3	119		0.584
Grid-B-3D-2	136		0.565
Grid-B-2D-12	127		1.291
Grid-B-2D-11	120		1.331
Grid-B-2D-10	117		1.036
Grid-B-2D-8	128		1.078
Grid-B-2D-7	118		1.119
Grid-B-2D-6	139		1.16
Grid-B-2D-4	127		1.206
Grid-B-2D-3	141		1.246
Grid-B-2D-2	108		1.369

**Notes:**

°F - Degrees Fahrenheit

µg/m³ - Micrograms per Meter Cubed



**Table 4A: Former Building B Mercury Vapor Screening Results - Soil Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 15 through September 1, 2022**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Grid-B-2C-12	109	8/15/2022	0.12
Grid-B-2C-11	106		0.24
Grid-B-2C-10	116		0.19
Grid-B-2C-8	117		0.29
Grid-B-2C-7	126		0.22
Grid-B-2C-6	133		0.2
Grid-B-2C-4	142		0.4
Grid-B-2C-3	146		0.23
Grid-B-2C-2	123		0.29
Grid-B-1D-12	112		0.3
Grid-B-1D-11	111		0.41
Grid-B-1D-10	123		0.2
Grid-B-1D-8	126		0.54
Grid-B-1D-7	128		0.98
Grid-B-1D-6	121		0.78
Grid-B-1D-4	123		0.64
Grid-B-1D-3	123		0.79
Grid-B-1D-2	119		0.35
Grid-B-1C-12	112		0.64
Grid-B-1C-11	107		0.58
Grid-B-1C-10	114		0.15
Grid-B-1C-8	113		0.98
Grid-B-1C-7	106		0.5
Grid-B-1C-6	114		0.13
Grid-B-1C-4	114		0.24
Grid-B-1C-3	113		0.35
Grid-B-1C-2	129		0.23
Grid-B-1A-11	112		0.07
Grid-B-1A-10	112		0.05
Grid-B-1A-8	119		0.08
Grid-B-1A-7	115		0.12
Grid-B-1A-6	121		0.09
Grid-B-1A-4	111		0.08
Grid-B-1A-3	115		0.1
Grid-B-1A-2	101		0.09

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 4A: Former Building B Mercury Vapor Screening Results - Soil Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 15 through September 1, 2022**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Grid-B-1B-12	102	8/15/2022	0.7
Grid-B-1B-11	105		0.61
Grid-B-1B-10	106		0.46
Grid-B-1B-8	106		0.481
Grid-B-1B-7	96		0.6
Grid-B-1B-6	107		0.49
Grid-B-1B-4	117		0.31
Grid-B-1B-3	111		0.17
Grid-B-1B-2	115		0.29
Grid-B-2A-12	93		1.38
Grid-B-2A-11	107		0.14
Grid-B-2A-10	103		0.27
Grid-B-2A-8	101		0.13
Grid-B-2A-7	121		0.13
Grid-B-2A-6	114		0.11
Grid-B-2A-4	106		0.07
Grid-B-2A-3	103		0.05
Grid-B-2A-2	112		0.13
Grid-B-2B-12	95		0.18
Grid-B-2B-11	112		0.16
Grid-B-2B-10	121		0.08
Grid-B-2B-8	110		0.15
Grid-B-2B-7	109		0.09
Grid-B-2B-6	106		0.1
Grid-B-2B-4	113		0.1
Grid-B-2B-3	109		0.14
Grid-B-2B-2	106		0.11
Grid-B-3A-12	101		0.03
Grid-B-3A-11	102		0.03
Grid-B-3A-10	108		0.06
Grid-B-3A-8	106		0.05
Grid-B-3A-7	107		0.06
Grid-B-3A-6	114		0.05
Grid-B-3A-4	107		0.01
Grid-B-3A-3	116		0.03
Grid-B-3A-2	98		0.1
Grid-B-3B-12	101		0.03
Grid-B-3B-11	94		0.02
Grid-B-3B-10	113		0.07
Grid-B-3B-8	103		0.05
Grid-B-3B-7	100		0.11
Grid-B-3B-6	110		0.08
Grid-B-3B-4	108		0.04
Grid-B-3B-3	109		0.06
Grid-B-3B-2	120		0.05

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 4A: Former Building B Mercury Vapor Screening Results - Soil Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 15 through September 1, 2022**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m³)
Grid-B-4A-12	99	8/15/2022	0.13
Grid-B-4A-11	97		0.06
Grid-B-4A-10	111		0.04
Grid-B-4A-8	104		0.08
Grid-B-4A-7	105		0.05
Grid-B-4A-6	109		0.07
Grid-B-4A-4	107		0.05
Grid-B-4A-3	99		0.02
Grid-B-4A-2	106		0.05
Grid-B-4B-12	100		0.01
Grid-B-4B-11	99		0.05
Grid-B-4B-10	100		0.01
Grid-B-4B-8	103		0.07
Grid-B-4B-7	102		0.1
Grid-B-4B-6	112		0.04
Grid-B-4B-4	108		0.02
Grid-B-4B-3	106		0.02
Grid-B-4B-2	101		0.27
Grid-B-5B-3	143.6	8/25/2022	4.35
Grid-B-5B-2	143.6		0.267
Grid-B-5B-6	130.1		0.829
Grid-B-5B-4	136.2		1.12
Grid-B-5B-7	120.1		0.592
Grid-B-5B-10	108		0.614
Grid-B-5B-8	128.7		0.355
Grid-B-5B-11	122.3		0.68
Grid-B-5B-12	120.3		0.524
Grid-B-5C-2	119.1		1.212
Grid-B-5C-6	122.9		1.359
Grid-B-5C-4	121.5		5.213
Grid-B-5C-3	128.1		2.412
Grid-B-5C-8	118.2		5.214
Grid-B-5C-7	113.3		5.803
Grid-B-5C-10	127.7		3.21
Grid-B-5C-11	128.5		6.024
Grid-B-5C-12	120.5		5.085
Grid-B-6C-4	132.5		0.857
Grid-B-6C-3	128.2		0.97
Grid-B-6C-2	120.5		1.118
Grid-B-6C-7	132.7		0.653
Grid-B-6C-6	124.1		0.765
Grid-B-6C-10	136.3		0.91
Grid-B-6C-8	127		1.174
Grid-B-6C-11	129.5		0.648
Grid-B-6B-2	98.8		0.981
Grid-B-6C-12	121.9		1.215
Grid-B-6B-4	125.2		0.475
Grid-B-6B-3	101.9		0.57
Grid-B-6B-8	154.3		3.972
Grid-B-6B-7	145.4		1.504
Grid-B-6B-6	144.1		0.628
Grid-B-6B-11	152.8		1.582
Grid-B-6B-10	154.1		0.812
Grid-B-6B-12	154.1		7.53

**Notes:**

°F - Degrees Fahrenheit

µg/m³ - Micrograms per Meter Cubed

**Table 4A: Former Building B Mercury Vapor Screening Results - Soil Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 15 through September 1, 2022**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Grid-B-7C-3	147.1	8/25/2022	2.617
Grid-B-7C-2	144.3		0.938
Grid-B-7C-6	144.5		1.99
Grid-B-7C-4	150.5		1.209
Grid-B-7C-10	127		1.683
Grid-B-7C-11	144.7		6.54
Grid-B-7C-12	139.7		0.634
Grid-B-8C-2	125		2.365
Grid-B-8C-4	145.2		0.688
Grid-B-8C-3	136.5		0.678
Grid-B-8C-7	146.2		1.248
Grid-B-8C-6	131.2		2.286
Grid-B-7C-8	146.4		1.445
Grid-B-8C-11	139.2		5.75
Grid-B-8C-10	149.1		21.1
Grid-B-8C-12	148.2		2.35
Grid-B-9C-2	133.3		0.435
Grid-B-9C-4	136.2		0.614
Grid-B-9C-3	145.4		1.194
Grid-B-9C-7	160.5		0.78
Grid-B-9C-6	144.5		0.22
Grid-B-9C-11	154.9		0.924
Grid-B-9C-10	156.5		0.72
Grid-B-9C-8	146.3		0.45
Grid-B-10A-3	100		2.92
Grid-B-10A-2	100		3.063
Grid-B-9C-12	137.5		0.41
Grid-B-10A-7	100		1.755
Grid-B-10A-6	100		1.204
Grid-B-10A-4	100		4.005
Grid-B-10A-11	100		3.735
Grid-B-10A-10	100		0.687
Grid-B-10A-8	100		3.831
Grid-B-10A-12	100		5.33
Grid-B-11A-2	100		2.006
Grid-B-11A-3	100		1.359
Grid-B-11A-6	100		2.52
Grid-B-11A-4	100		0.345
Grid-B-11A-10	100		1.24
Grid-B-11A-8	100		0.32
Grid-B-11A-7	100		2.215
Grid-B-11A-12	100		1.4
Grid-B-11A-11	100		1.29

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 4A: Former Building B Mercury Vapor Screening Results - Soil Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 15 through September 1, 2022**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Grid-B-11B-11	100	8/25/2022	0.68
Grid-B-11B-10	100		0.48
Grid-B-11B-12	100		1.324
Grid-B-9D-2	132.5		5.97
Grid-B-9D-12	104.2		0.12
Grid-B-9D-11	104.4		0.234
Grid-B-9D-10	96.2		0.267
Grid-B-9D-8	101.6		0.49
Grid-B-9D-7	96.6		1.73
Grid-B-9D-6	96.5		3.317
Grid-B-9D-4	106.4		0.37
Grid-B-9D-3	125.8		3.607
Grid-B-12C-12	130.6		1.622
Grid-B-12C-11	137.9		2.685
Grid-B-12C-10	137.6		1.523
Grid-B-12C-8	116.8		0.42
Grid-B-12C-7	145.9		1.527
Grid-B-12C-6	128.8		1.68
Grid-B-12C-4	116.5		3.702
Grid-B-12C-3	118.9		2.095
Grid-B-12C-2	111.6		3.611
Grid-B-12B-12	137.7	8/30/2022	1.724
Grid-B-12B-11	150.6		1.146
Grid-B-12B-10	113.1		0.73
Grid-B-12B-8	132.9		1.666
Grid-B-12B-7	122.6		3.281
Grid-B-12B-6	120.3		1.834
Grid-B-12B-4	138.8		3.731
Grid-B-12B-3	131.5		2.617
Grid-B-12B-2	113.2		4.515
Grid-B-12B-5	140.7		2.479
Grid-B-9B-12	118.9	8/31/2022	0.713
Grid-B-9B-11	126.7		1.619
Grid-B-9B-10	118.7		0.63
Grid-B-9B-8	91.4		0.446
Grid-B-9B-7	118.3		0.419
Grid-B-9B-6	106		0.561
Grid-B-9B-4	119.5		0.509
Grid-B-9B-3	105.9		0.388
Grid-B-9B-2	114.2		0.673
Grid-B-8B-12	113		0.92
Grid-B-8B-11	93		0.52
Grid-B-8B-10	99		0.773
Grid-B-8B-8	108.8		2.551
Grid-B-8B-7	125		3.515
Grid-B-8B-6	87.8		0.551
Grid-B-8B-4	97.3		0.806
Grid-B-8B-3	114.4		1.21
Grid-B-8B-2	127.7		0.731

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 4A: Former Building B Mercury Vapor Screening Results - Soil Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 15 through September 1, 2022**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m³)
Grid-B-7B-12	115.3	8/31/2022	0.91
Grid-B-7B-11	106		1.982
Grid-B-7B-10	124.9		1.557
Grid-B-7B-8	132.4		0.604
Grid-B-7B-7	118.4		0.34
Grid-B-7B-6	131.1		0.19
Grid-B-7B-4	104.6		0.74
Grid-B-7B-3	105.9		0.737
Grid-B-7B-2	110.4		0.44
Grid-B-6A-12	84.7		2.13
Grid-B-6A-11	98.1		3.197
Grid-B-6A-10	108.8		1.72
Grid-B-6A-8	118.9		2.16
Grid-B-6A-7	116		1.308
Grid-B-6A-6	119.1		0.77
Grid-B-6A-4	126.8		1.488
Grid-B-6A-3	114.2		1.067
Grid-B-6A-2	124		0.638
Grid-B-7A-12	102.5		0.92
Grid-B-7A-11	101.5		0.84
Grid-B-7A-10	111.8		0.676
Grid-B-7A-7	121.5		0.35
Grid-B-7A-6	119.4		0.51
Grid-B-7A-4	113.5		0.472
Grid-B-7A-3	90.2		0.119
Grid-B-7A-2	84.8		0.497
Grid-B-8A-12	87.5		0.5
Grid-B-8A-11	91.6		0.84
Grid-B-8A-10	94.5		1.952
Grid-B-8A-8	93		0.758
Grid-B-8A-7	117.2		1.344
Grid-B-8A-6	127.5		2.55
Grid-B-8A-4	129.4		1.023
Grid-B-8A-3	130		3.554
Grid-B-8A-2	140		0.56
Grid-B-10E-2	109.4		0.581
Grid-B-10E-3	91.9		13.52
Grid-B-10E-4	93.7		5.152
Grid-B-9E-2	129.8		8.22
Grid-B-9E-3	115.9		16.55
Grid-B-9E-4	130.6		7.459
Grid-B-8E-2	128.2		7.581
Grid-B-8E-3	118.8		0.29
Grid-B-8E-4	121.8		0.479
Grid-B-7E-2	117.4		0.682
Grid-B-7E-3	116.8		0.724
Grid-B-7E-4	116.3		1.404
Grid-B-6E-2	112.2		1.148
Grid-B-6E-3	108.8		1.948
Grid-B-6E-4	116.8		1.854
Grid-B-5E-2	123.1		2.401
Grid-B-5E-3	135.4		1.16
Grid-B-5E-4	122.3		5.963

**Notes:**

°F - Degrees Fahrenheit

µg/m³ - Micrograms per Meter Cubed

**Table 4A: Former Building B Mercury Vapor Screening Results - Soil Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 15 through September 1, 2022**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m³)
Grid-B-12A-11	Not Recorded	9/1/2022	0.892
Grid-B-12A-10	Not Recorded		0.687
Grid-B-12A-7	Not Recorded		1.609
Grid-B-12A-6	Not Recorded		7.839
Grid-B-12A-3	Not Recorded		6.13
Grid-B-12A-2	Not Recorded		20.89
Grid-B-10B-12	Not Recorded		0.74
Grid-B-10B-11	Not Recorded		0.62
Grid-B-10B-10	Not Recorded		1.078
Grid-B-10B-8	Not Recorded		0.719
Grid-B-10B-7	Not Recorded		0.884
Grid-B-10B-6	Not Recorded		0.932
Grid-B-10B-4	Not Recorded		0.306
Grid-B-10B-3	Not Recorded		0.362
Grid-B-10B-2	Not Recorded		0.677
Grid-B-9A-12	Not Recorded		8.948
Grid-B-9A-11	Not Recorded		0.46
Grid-B-9A-10	Not Recorded		0.584
Grid-B-9A-8	Not Recorded		11.704
Grid-B-9A-7	Not Recorded		9.64
Grid-B-9A-6	Not Recorded		11.53
Grid-B-9A-4	Not Recorded		0.53
Grid-B-9A-3	Not Recorded		5.69
Grid-B-9A-2	Not Recorded		2.09
Grid-B-5A-12	Not Recorded		0.792
Grid-B-5A-11	Not Recorded		0.88
Grid-B-5A-10	Not Recorded		0.725
Grid-B-5A-8	Not Recorded		1.103
Grid-B-5A-7	Not Recorded		0.659
Grid-B-5A-6	Not Recorded		0.479
Grid-B-5A-4	Not Recorded		2.273
Grid-B-5A-3	Not Recorded		1.55
Grid-B-5A-2	Not Recorded		0.57
Grid-B-4E-2	Not Recorded		1.23
Grid-B-4E-3	Not Recorded		2.064
Grid-B-4E-4	Not Recorded		1.8
Grid-B-3E-2	Not Recorded		2.242
Grid-B-3E-3	Not Recorded		1.778
Grid-B-3E-4	Not Recorded		0.77
Grid-B-2E-2	Not Recorded		0.78
Grid-B-2E-3	Not Recorded		0.973
Grid-B-2E-4	Not Recorded		1.076
Grid-B-1E-2	Not Recorded		0.827
Grid-B-1E-3	Not Recorded		0.71
Grid-B-1E-4	Not Recorded		1.049
BLDG-B-EXT-1	Not Recorded	9/1/2022	0.28
BLDG-B-EXT-2	Not Recorded		0.314
BLDG-B-EXT-3	Not Recorded		0.23
BLDG-B-EXT-4	Not Recorded		0.15
BLDG-B-EXT-5	Not Recorded		0.22
BLDG-B-EXT-6	Not Recorded		0.52
BLDG-B-EXT-7	Not Recorded		0.52
BLDG-B-EXT-8	Not Recorded		0.62

**Notes:**

°F - Degrees Fahrenheit

µg/m³ - Micrograms per Meter Cubed

**Table 4B: Former Building B Mercury Vapor Screening Results - Soil Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 11 through August 28, 2023**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Grid-B-1A-2	116.7	8/14/2023	0.239
Grid-B-1A-3	119		0.132
Grid-B-1A-4	117.8		0.086
Grid-B-1A-6	114.6		0.12
Grid-B-1A-7	108.8		0.064
Grid-B-1A-8	123.8		0.087
Grid-B-1A-10	132.4		0.026
Grid-B-1A-11	129.3		0.131
Grid-B-1A-12	120.3		0.049
Grid-B-1B-2	119.2		0.101
Grid-B-1B-3	114.4		0.128
Grid-B-1B-4	108		0.117
Grid-B-1B-6	115.4		0.098
Grid-B-1B-7	113		0.312
Grid-B-1B-8	113.7		0.184
Grid-B-1B-10	117.8		0.07
Grid-B-1B-11	120.5		0.195
Grid-B-1B-12	126.5		0.136
Grid-B-1C-2	117.2		0.051
Grid-B-1C-3	117.5		0.571
Grid-B-1C-4	124		0.262
Grid-B-1C-6	120.2		0.066
Grid-B-1C-7	124.4		0.161
Grid-B-1C-8	137		0.173
Grid-B-1C-10	132.5		0.041
Grid-B-1C-11	157.7		0.141
Grid-B-1C-12	144		0.173
Grid-B-1D-2	97.7		0.095
Grid-B-1D-3	100.5		0.1
Grid-B-1D-4	100.5		0.61
Grid-B-1D-6	102.4		0.252
Grid-B-1D-7	103.6		0.378
Grid-B-1D-8	105.8		0.728
Grid-B-1D-10	104.5		0.264
Grid-B-1D-11	106.1		0.245
Grid-B-1D-12	104.1		0.374
Grid-B-1E-6	114.7		0
Grid-B-1E-7	118		0
Grid-B-1E-8	132.1		0
Grid-B-2A-2	126.8		0.049
Grid-B-2A-3	127.6		0.149
Grid-B-2A-4	125.5		0.227
Grid-B-2A-6	130.7		0.128
Grid-B-2A-7	128.5		1.673
Grid-B-2A-8	126.7		0.224
Grid-B-2A-10	124.6		0.044
Grid-B-2A-11	132.5		0.286
Grid-B-2A-12	127.5		0.056

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed



**Table 4B: Former Building B Mercury Vapor Screening Results - Soil Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 11 through August 28, 2023**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Grid-B-2B-2	125.6	8/14/2023	0.072
Grid-B-2B-3	120		0.105
Grid-B-2B-4	122.1		0.072
Grid-B-2B-6	107.5		0.063
Grid-B-2B-7	108.6		0.123
Grid-B-2B-8	106.2		0.078
Grid-B-2B-10	108.7		0.06
Grid-B-2B-11	107		0.062
Grid-B-2B-12	115.6		0.044
Grid-B-2C-2	125.5		0.052
Grid-B-2C-3	129.6		0.316
Grid-B-2C-4	135.4		0.048
Grid-B-2C-6	106.7		0.077
Grid-B-2C-7	134.9		0.076
Grid-B-2C-8	120.3		0.176
Grid-B-2C-10	118.3		0.214
Grid-B-2C-11	112.6		0.087
Grid-B-2C-12	114.4		0.05
Grid-B-2D-2	101.9		0.103
Grid-B-2D-3	103.2		0.155
Grid-B-2D-4	104.5		0.039
Grid-B-2D-6	100.5		0.032
Grid-B-2D-7	102.1		0.297
Grid-B-2D-8	105.8		0.384
Grid-B-2D-10	101.6		0.09
Grid-B-2D-11	100.2		0.128
Grid-B-2D-12	99.4		0.037
Grid-B-2E-6	122		0.072
Grid-B-2E-7	131.1		0.111
Grid-B-2E-8	131.9		0.168
Grid-B-3A-2	112.5		0.075
Grid-B-3A-3	117.7		0.078
Grid-B-3A-4	119.3		0.065
Grid-B-3A-6	126.8		0.084
Grid-B-3A-7	106.5		0.278
Grid-B-3A-8	107.8		0.096
Grid-B-3A-10	108.6		0.04
Grid-B-3A-11	107.4		0.191
Grid-B-3A-12	112.4		0.092
Grid-B-3B-2	103.3		0.042
Grid-B-3B-3	110.9		0.067
Grid-B-3B-4	109.9		0.047
Grid-B-3B-6	108.9		0.116
Grid-B-3B-7	115		0.102
Grid-B-3B-8	125.5		0.079
Grid-B-3B-10	115.9		0.101
Grid-B-3B-11	104.7		0.065
Grid-B-3B-12	109		0.033

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 4B: Former Building B Mercury Vapor Screening Results - Soil Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 11 through August 28, 2023**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Grid-B-3C-2	106.7	8/14/2023	0.068
Grid-B-3C-3	112		0.072
Grid-B-3C-4	128.8		0.033
Grid-B-3C-6	124.8		0.085
Grid-B-3C-7	122.9		0.104
Grid-B-3C-8	119.8		0.233
Grid-B-3C-10	122.9		0.156
Grid-B-3C-11	122.8		0.125
Grid-B-3C-12	131.7		0.09
Grid-B-3D-2	105.7		0.07
Grid-B-3D-3	99.7		0.262
Grid-B-3D-4	98.3		0.223
Grid-B-3D-6	92.5		0.116
Grid-B-3D-7	95.4		0.207
Grid-B-3D-8	93		0.426
Grid-B-3D-10	106.3		0.092
Grid-B-3D-11	111		0.234
Grid-B-3D-12	117.8		0.197
Grid-B-3E-6	Not Recorded		0.072
Grid-B-3E-7	Not Recorded		0.111
Grid-B-3E-8	Not Recorded		0.168
Grid-B-4A-2	117.8		0.172
Grid-B-4A-3	124.4		0.17
Grid-B-4A-4	134.5		0.095
Grid-B-4A-6	124.5		0.055
Grid-B-4A-7	119		0.129
Grid-B-4A-8	127.1		0.18
Grid-B-4A-10	133.8		0.075
Grid-B-4A-11	128.7		0.098
Grid-B-4A-12	135.8		0.045
Grid-B-4B-2	134.4		0.138
Grid-B-4B-3	134.5		0.166
Grid-B-4B-4	149.3		0.075
Grid-B-4B-6	127.8		0.266
Grid-B-4B-7	124.4		0.206
Grid-B-4B-8	129.7		0.147
Grid-B-4B-10	133.6		0.247
Grid-B-4B-11	115.5		0.069
Grid-B-4B-12	123.2		0.047
Grid-B-4C-2	130.9	8/23/2023	0.085
Grid-B-4C-3	135.9		0.093
Grid-B-4C-4	129.9		0.094
Grid-B-4C-6	131.4		0.166
Grid-B-4C-7	128		0.152
Grid-B-4C-8	132.5		0.24
Grid-B-4C-10	125		0.116
Grid-B-4C-11	133.9		0.235
Grid-B-4C-12	133.5		0.186

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 4B: Former Building B Mercury Vapor Screening Results - Soil Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 11 through August 28, 2023**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Grid-B-4D-2	119.5	8/23/2023	0.081
Grid-B-4D-3	144.7		0.495
Grid-B-4D-4	129.5		0.266
Grid-B-4D-6	131		0.407
Grid-B-4D-7	126.5		0.235
Grid-B-4D-8	130.8		0.319
Grid-B-4D-10	130		0.533
Grid-B-4D-11	144		0.453
Grid-B-4D-12	127.9		0.05
Grid-B-4E-6	127.9	8/11/2023	0
Grid-B-4E-7	127.9		0
Grid-B-4E-8	127.9		0
Grid-B-5A-2	112.7	8/14/2023	0.126
Grid-B-5A-3	115		0.229
Grid-B-5A-4	118.9		0.123
Grid-B-5A-6	116		0.148
Grid-B-5A-7	112.7		0.116
Grid-B-5A-8	119.8		0.074
Grid-B-5A-10	121.4		0.077
Grid-B-5A-11	128.9		0.345
Grid-B-5A-12	127.8		0.074
Grid-B-5B-2	133.7		0.1
Grid-B-5B-3	133.6		0.205
Grid-B-5B-4	127.3		0.216
Grid-B-5B-6	122.6		0.137
Grid-B-5B-7	113		0.083
Grid-B-5B-8	111.8		0.068
Grid-B-5B-10	110.2		0.076
Grid-B-5B-11	107		0.037
Grid-B-5B-12	109.6		0.027
Grid-B-5C-2	134	8/23/2023	0.166
Grid-B-5C-3	143.9		0.074
Grid-B-5C-4	132.6		0.102
Grid-B-5C-6	128.4		0.105
Grid-B-5C-7	143.9		0.196
Grid-B-5C-8	132.5		0.151
Grid-B-5C-10	123.5		0.262
Grid-B-5C-11	128.5		0.109
Grid-B-5C-12	137.3		0.141
Grid-B-5D-2	134.5		0.192
Grid-B-5D-3	130.5		0.416
Grid-B-5D-4	125.8		0.132
Grid-B-5D-6	130.7		0.042
Grid-B-5D-7	131.7		0.625
Grid-B-5D-8	121.9		0.427
Grid-B-5D-10	125.3		0.703
Grid-B-5D-11	127.6		0.116
Grid-B-5D-12	125.7		0.071

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 4B: Former Building B Mercury Vapor Screening Results - Soil Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 11 through August 28, 2023**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Grid-B-5E-6	127.9	8/11/2023	0
Grid-B-5E-7	127.9		1.39
Grid-B-5E-8	129.5		0
Grid-B-6A-2	102.6	8/14/2023	0.346
Grid-B-6A-3	104.1		0.141
Grid-B-6A-4	102.1		0.177
Grid-B-6A-6	103.5		0.27
Grid-B-6A-7	103.7		0.473
Grid-B-6A-8	103.6		0.27
Grid-B-6A-10	104.7		0.225
Grid-B-6A-11	110.5		0.158
Grid-B-6A-12	101.6		0.04
Grid-B-6B-2	102.8		0.052
Grid-B-6B-3	105.5		0.255
Grid-B-6B-4	103.4		0.04
Grid-B-6B-6	101.4		0.052
Grid-B-6B-7	104.2		0.153
Grid-B-6B-8	100.2		0.087
Grid-B-6B-10	98.4		0.066
Grid-B-6B-11	101.3		0.043
Grid-B-6B-12	102.7		0.104
Grid-B-6C-2	114.5	8/23/2023	0.042
Grid-B-6C-3	131.4		0.131
Grid-B-6C-4	127.5		0.135
Grid-B-6C-6	132.5		0.162
Grid-B-6C-7	144.7		0.154
Grid-B-6C-8	133.2		0.093
Grid-B-6C-10	131		0.257
Grid-B-6C-11	134		0.053
Grid-B-6C-12	144.5		0.057
Grid-B-6D-2	120.5		0.104
Grid-B-6D-3	128.3		0.113
Grid-B-6D-4	131.8		0.245
Grid-B-6D-6	124.8		0.129
Grid-B-6D-7	127.8		0.385
Grid-B-6D-8	124.4		0.128
Grid-B-6D-10	145		0.105
Grid-B-6D-11	128.8		0.301
Grid-B-6D-12	132.9		0.167
Grid-B-6E-6	127.9	8/11/2023	0
Grid-B-6E-7	127.9		0.85
Grid-B-6E-8	127.9		0

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 4B: Former Building B Mercury Vapor Screening Results - Soil Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 11 through August 28, 2023**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Grid-B-7A-2	106.8	8/14/2023	1.008
Grid-B-7A-3	114.8		1.78
Grid-B-7A-4	117.5		0.921
Grid-B-7A-6	120.8		0.321
Grid-B-7A-7	118.4		0.556
Grid-B-7A-8	122.8		0.529
Grid-B-7A-10	128.9		0.084
Grid-B-7A-11	121.3		0.345
Grid-B-7A-12	114.6		0.23
Grid-B-7B-2	123.7		0.081
Grid-B-7B-3	112.4		0.042
Grid-B-7B-4	113.2		0.073
Grid-B-7B-6	112.5		0.155
Grid-B-7B-7	115.7		0.268
Grid-B-7B-8	120.5		0.113
Grid-B-7B-10	115.8		0.128
Grid-B-7B-11	117		0.157
Grid-B-7B-12	120.5		0.046
Grid-B-7C-2	134.4	8/23/2023	0.083
Grid-B-7C-3	130		0.134
Grid-B-7C-4	134.2		0.143
Grid-B-7C-6	134		0.141
Grid-B-7C-7	135		0.077
Grid-B-7C-8	125.3		0.062
Grid-B-7C-10	125.1		0.108
Grid-B-7C-11	128		0.057
Grid-B-7C-12	130		0.124
Grid-B-7D-2	152.8		0.051
Grid-B-7D-3	148.1		0.176
Grid-B-7D-4	150.4		0.108
Grid-B-7D-6	149.4		0.165
Grid-B-7D-7	136		0.403
Grid-B-7D-8	133.9		0.142
Grid-B-7D-10	147.9		0.85
Grid-B-7D-11	148.9		0.233
Grid-B-7D-12	145.9		0.252
Grid-B-7E-6	140.3	8/11/2023	1.51
Grid-B-7E-7	140.3		0
Grid-B-7E-8	140.3		0
Grid-B-8A-2	119.2	8/23/2023	0.145
Grid-B-8A-3	120.4		0.162
Grid-B-8A-4	106.2		0.078
Grid-B-8A-6	112.4		0.07
Grid-B-8A-7	104.4		0.059
Grid-B-8A-8	106.8		0.087
Grid-B-8A-10	107.8		0.135
Grid-B-8A-11	114.5		0.148
Grid-B-8A-12	103.4		0.125

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 4B: Former Building B Mercury Vapor Screening Results - Soil Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 11 through August 28, 2023**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Grid-B-8B-2	121.8	8/23/2023	0.058
Grid-B-8B-3	115.8		0.065
Grid-B-8B-4	113.8		0.128
Grid-B-8B-6	127.3		0.061
Grid-B-8B-7	107.8		0.079
Grid-B-8B-8	117.8		0.125
Grid-B-8B-10	110.8		0.034
Grid-B-8B-11	120.1		0.119
Grid-B-8B-12	117.5		0.044
Grid-B-8C-1	132	8/22/2023	0.04
Grid-B-8C-2	132		0.119
Grid-B-8C-3	132		0.068
Grid-B-8C-4	132		0.042
Grid-B-8C-5	132		0.025
Grid-B-8C-6	132		0.033
Grid-B-8C-7	132		0.032
Grid-B-8C-8	132		0.043
Grid-B-8C-9	132		0.033
Grid-B-8C-10	132		0.093
Grid-B-8C-11	132		0.099
Grid-B-8C-12	132		0.072
Grid-B-8C-13	132		0.056
Grid-B-8D-1	98.5		0.07
Grid-B-8D-2	100		0.184
Grid-B-8D-3	103.2		0.111
Grid-B-8D-4	101.1		0.044
Grid-B-8D-5	102.2		0.057
Grid-B-8D-6	102		0.42
Grid-B-8D-7	102.5		0.173
Grid-B-8D-8	103		0.052
Grid-B-8D-9	104.6		0.034
Grid-B-8D-10	102		0.188
Grid-B-8D-11	102		0.094
Grid-B-8D-12	108		0.321
Grid-B-8D-13	108		0.051
Grid-B-8E-6	106.7		0.774
Grid-B-8E-7	106.5		0.105
Grid-B-8E-8	106.7		0.079
Grid-B-9A-2	93.8	8/23/2023	0.104
Grid-B-9A-3	96.8		0.183
Grid-B-9A-4	94.3		0.262
Grid-B-9A-6	106		0.081
Grid-B-9A-7	101.5		0.063
Grid-B-9A-8	94.6		0.052
Grid-B-9A-10	97.9		0.029
Grid-B-9A-11	98.6		0.085
Grid-B-9A-12	106		0.045

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 4B: Former Building B Mercury Vapor Screening Results - Soil Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 11 through August 28, 2023**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Grid-B-9B-2	125.8	8/23/2023	0.133
Grid-B-9B-3	119.8		0.067
Grid-B-9B-4	121		0.058
Grid-B-9B-6	128		0.031
Grid-B-9B-7	124.6		0.039
Grid-B-9B-8	127.8		0.078
Grid-B-9B-10	128.8		0.03
Grid-B-9B-11	92.2		0.131
Grid-B-9B-12	124.5		0.124
Grid-B-9C-2	96.2		0.036
Grid-B-9C-3	89.9		0.124
Grid-B-9C-4	91.8		0.079
Grid-B-9C-6	104.6		0.067
Grid-B-9C-7	98.1		0.167
Grid-B-9C-8	108.9		0.145
Grid-B-9C-10	111.7		0.053
Grid-B-9C-11	115.7		0.048
Grid-B-9C-12	116.9		0.128
Grid-B-9D-1	102.3	8/22/2023	0.032
Grid-B-9D-2	112.2		0.031
Grid-B-9D-3	103.6		0.129
Grid-B-9D-4	115		0.215
Grid-B-9D-5	122		0.027
Grid-B-9D-6	122		0.038
Grid-B-9D-7	122		0.272
Grid-B-9D-8	122		0.052
Grid-B-9D-9	122		0.098
Grid-B-9D-10	122		0.04
Grid-B-9D-11	112		0.067
Grid-B-9D-12	112		0.177
Grid-B-9D-13	112		0.067
Grid-B-9E-6	103.4	8/23/2023	0.451
Grid-B-9E-7	107.4		0.486
Grid-B-9E-8	105.5		0.374
Grid-B-10A-2	115.4		0.085
Grid-B-10A-3	124.6		0.154
Grid-B-10A-4	109.7		0.168
Grid-B-10A-6	123.3		0.153
Grid-B-10A-7	116.8		0.159
Grid-B-10A-8	128.1		0.08
Grid-B-10A-10	114.6		0.172
Grid-B-10A-11	124.2		0.142
Grid-B-10A-12	120.8		0.248

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 4B: Former Building B Mercury Vapor Screening Results - Soil Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 11 through August 28, 2023**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Grid-B-10B-2	119.9	8/23/2023	0.143
Grid-B-10B-3	115.8		0.136
Grid-B-10B-4	128.7		0.075
Grid-B-10B-6	113.9		0.182
Grid-B-10B-7	126.3		0.102
Grid-B-10B-8	120.3		0.151
Grid-B-10B-10	119		0.099
Grid-B-10B-11	124.5		0.068
Grid-B-10B-12	125.8		0.123
Grid-B-10C-2	88.8		0.035
Grid-B-10C-3	100.8		0.066
Grid-B-10C-4	101.2		0.035
Grid-B-10C-6	96.8		0.193
Grid-B-10C-7	98.1		0.035
Grid-B-10C-8	91.3		0.031
Grid-B-10C-10	88		0.066
Grid-B-10C-11	96.2		0.051
Grid-B-10C-12	92.8		0.04
Grid-B-10D-2	100.5		0.044
Grid-B-10D-3	104.7		0.081
Grid-B-10D-4	99.5		0.067
Grid-B-10D-6	99		0.035
Grid-B-10D-7	96.2		0.039
Grid-B-10D-8	96.9		0.071
Grid-B-10D-10	95.6		0.051
Grid-B-10D-11	89.9		0.061
Grid-B-10D-12	102.3		0.035
Grid-B-10E-6	Not Recorded		0.051
Grid-B-10E-7	Not Recorded		0.082
Grid-B-10E-8	Not Recorded		0.066
Grid-B-11A-2	124.8		0.105
Grid-B-11A-3	119.1		0.33
Grid-B-11A-4	120.2		0.155
Grid-B-11A-6	119.9		0.225
Grid-B-11A-7	110.4		0.453
Grid-B-11A-8	112.9		0.376
Grid-B-11A-10	124.9		0.136
Grid-B-11A-11	123.1		0.231
Grid-B-11A-12	121.1		0.416
Grid-B-11B-2	122.4		0.069
Grid-B-11B-3	117.8		0.095
Grid-B-11B-4	114.4		0.162
Grid-B-11B-6	114.2		0.078
Grid-B-11B-7	113.8		0.105
Grid-B-11B-8	113.5		0.144
Grid-B-11B-10	124.9		0.091
Grid-B-11B-11	122.5		0.309
Grid-B-11B-12	106.5		0.166

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed



**Table 4B: Former Building B Mercury Vapor Screening Results - Soil Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 11 through August 28, 2023**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Grid-B-11C-2	93.9	8/23/2023	0.046
Grid-B-11C-3	84.9		0.061
Grid-B-11C-4	84.5		0.028
Grid-B-11C-6	91.5		0.033
Grid-B-11C-7	89.6		0.058
Grid-B-11C-8	86		0.065
Grid-B-11C-10	90.5		0.046
Grid-B-11C-11	85.1		0.068
Grid-B-11C-12	89.9		0.042
Grid-B-11D-2	92.2		0.068
Grid-B-11D-3	88.2		0.056
Grid-B-11D-4	93.5		0.062
Grid-B-11D-6	90.4		0.042
Grid-B-11D-7	87.4		0.098
Grid-B-11D-8	87.7		0.042
Grid-B-11D-10	86.1		0.041
Grid-B-11D-11	87		0.035
Grid-B-11D-12	89.1		0.036
Grid-B-11E-6	11.8	8/22/2023	3.272
Grid-B-11E-7	111.9		2.166
Grid-B-11E-8	111.5		0.11
Grid-B-12A-2	81.3	8/24/2023	0.024
Grid-B-12A-3	78.1		0.091
Grid-B-12A-4	79.5		0.284
Grid-B-12A-6	77.8		0.034
Grid-B-12A-7	79.5		0.058
Grid-B-12A-8	76.8		0.139
Grid-B-12A-10	77.8		0.035
Grid-B-12A-11	78.1		0.028
Grid-B-12A-12	77		0.096
Grid-B-12B-2	127.7	8/23/2023	0.45
Grid-B-12B-3	118.9		0.172
Grid-B-12B-4	118.4		0.123
Grid-B-12B-6	119.5		0.151
Grid-B-12B-7	116.8		1.024
Grid-B-12B-8	112.8		0.925
Grid-B-12B-10	115.3		0.283
Grid-B-12B-11	121.8		0.192
Grid-B-12B-12	122.6		0.185
Grid-B-12C-2	80		0.195
Grid-B-12C-3	81.9		0.568
Grid-B-12C-4	85.2		0.345
Grid-B-12C-6	79.5		0.278
Grid-B-12C-7	80.3		0.517
Grid-B-12C-8	80.4		0.447
Grid-B-12C-10	84		0.484
Grid-B-12C-11	81.3		0.289
Grid-B-12C-12	83.3		0.118

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 4B: Former Building B Mercury Vapor Screening Results - Soil Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 11 through August 28, 2023**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Grid-B-12D-2	81.9	8/23/2023	0.029
Grid-B-12D-3	82.5		0.061
Grid-B-12D-4	81.4		0.156
Grid-B-12D-6	86.1		0.203
Grid-B-12D-7	87.1		0.188
Grid-B-12D-8	89.6		0.224
Grid-B-12D-10	90.8		0.129
Grid-B-12D-11	85.5		0.125
Grid-B-12D-12	92.3		0.138
Grid-B-12E-6	121.1	8/22/2023	0.207
Grid-B-12E-7	121.3		0.486
Grid-B-12E-8	121.1		0.095

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 5: Former Building B Mercury Vapor Screening Results - Footer Screening Summary Table**

**Vo-Toys Site**

**Harrison, Hudson County, New Jersey**

**August 16 through August 31, 2022**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading ( $\mu\text{g}/\text{m}^3$ )
Footer-B-44-E	118	8/16/2022	0.49
Footer-B-44-S	98		0.07
Footer-B-44-W	107		0.28
Footer-B-44-T	108		0.2
Footer-B-45-S	120		0.12
Footer-B-42-E	106		0.08
Footer-B-42-S	100		0.01
Footer-B-42-W	102		0.04
Footer-B-42-T	95		0.04
Footer-B-43-E	106		0.05
Footer-B-43-S	95		0.03
Footer-B-43-W	103		0
Footer-B-43-T	104		0.04
Footer-B-47-N	76		0.11
Footer-B-47-S	82		0.18
Footer-B-47-W	81		0.31
Footer-B-47-T	77		0.06
Footer-B-46-N	85		0.06
Footer-B-46-S	99		0.14
Footer-B-46-W	99		0.08
Footer-B-46-T	90		0.2
Footer-B-10-N	93		0.04
Footer-B-10-E	90		0.07
Footer-B-10-S	108		0.08
Footer-B-10-W	114		0.05
Footer-B-10-T	106		0.05
Footer-B-11-N	87		0.07
Footer-B-11-E	118		0.1
Footer-B-11-S	113		0
Footer-B-11-W	91		0.05
Footer-B-11-T	111		0.17
Footer-B-22-N	115		0.02
Footer-B-22-E	104		0.04
Footer-B-22-S	115		0.04
Footer-B-22-W	109		0.04
Footer-B-22-T	106		0
Footer-B-8-N	94		0.09
Footer-B-8-E	93		0.02
Footer-B-8-S	119		0.01
Footer-B-8-W	113		0.03
Footer-B-8-T	96		0.06

**Notes:**

°F - Degrees Fahrenheit

$\mu\text{g}/\text{m}^3$  - Micrograms per Meter Cubed

**Table 5: Former Building B Mercury Vapor Screening Results - Footer Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 16 through August 31, 2022**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Footer-B-48-N	90	8/16/2022	0.21
Footer-B-48-S	90		0.06
Footer-B-48-W	98		0.08
Footer-B-48-T	87		1.52
Footer-B-21-N	110		0.08
Footer-B-21-E	120		0.07
Footer-B-21-S	119		0.18
Footer-B-21-W	126		0.03
Footer-B-21-T	115		0.14
Footer-B-20-N	92		0.2
Footer-B-20-E	91		0.19
Footer-B-20-S	103		0.32
Footer-B-20-W	115		0.23
Footer-B-20-T	111		0.27
Footer-B-33-N	102		0.07
Footer-B-33-E	105		0.07
Footer-B-33-S	115		0.05
Footer-B-33-W	100		0.04
Footer-B-33-T	111		0.06
Footer-B-45-N	87		0.13
Footer-B-45-E	112		0.12
Footer-B-45-W	114		0.11
Footer-B-45-T	104		0.09
Footer-B-32-N	100		0.21
Footer-B-32-E	111		0.1
Footer-B-32-S	110		0.4
Footer-B-32-W	105		0.78
Footer-B-32-T	115		0.2
Footer-B-52-N	94		0.17
Footer-B-52-E	88		0.19
Footer-B-52-W	128		0.2
Footer-B-52-T	99		0.25
Footer-B-53-N	94		0.21
Footer-B-53-E	86		0.31
Footer-B-53-W	88		0.21
Footer-B-53-T	94		0.15
Footer-B-51-N	107		0.17
Footer-B-51-E	121		0.22
Footer-B-51-W	109		0.07

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 5: Former Building B Mercury Vapor Screening Results - Footer Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 16 through August 31, 2022**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Footer-B-50-E	95	8/16/2022	0.11
Footer-B-50-W	86		0.14
Footer-B-50-T	94		0.11
Footer-B-65-N	85		0.19
Footer-B-65-E	106		0.24
Footer-B-65-T	93		0.23
Footer-B-1-N	98		0.31
Footer-B-1-E	106		0.21
Footer-B-1-S	126		0.25
Footer-B-1-W	105		0.14
Footer-B-1-T	120		0.25
Footer-B-64-N	103		0.12
Footer-B-64-E	104		0.26
Footer-B-64-S	92		0.27
Footer-B-64-T	106		0.19
Footer-B-12-N	102		0.26
Footer-B-12-E	97		0.15
Footer-B-12-S	128		0.21
Footer-B-12-W	111		0.2
Footer-B-12-T	118		6
Footer-B-13-N	137		0.13
Footer-B-13-E	111		0.21
Footer-B-13-S	136		0.18
Footer-B-13-W	119		0.18
Footer-B-13-T	119		0.12
Footer-B-63-N	86		0.1
Footer-B-63-S	108		0.07
Footer-B-63-W	89		0.12
Footer-B-63-T	104		0.14
Footer-B-23-N	116		0.07
Footer-B-23-E	108		0.08
Footer-B-23-S	112		0.06
Footer-B-23-W	101		0.04
Footer-B-23-T	123		0.12
Footer-B-62-N	89		0.22
Footer-B-62-W	87		0.08
Footer-B-62-T	86		0.09
Footer-B-24-N	104		0.06
Footer-B-24-E	111		0.06
Footer-B-24-S	120		0.09
Footer-B-24-W	114		0.13
Footer-B-24-T	108		0.05

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 5: Former Building B Mercury Vapor Screening Results - Footer Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 16 through August 31, 2022**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Footer-B-60-N	90	8/16/2022	0.19
Footer-B-60-E	88		0.17
Footer-B-60-W	91		0.18
Footer-B-60-T	92		0.23
Footer-B-61-N	81		0.55
Footer-B-61-E	78		0.09
Footer-B-61-W	81		0.22
Footer-B-61-T	80		0.17
Footer-B-25-N	128		0.1
Footer-B-25-E	128		0.07
Footer-B-25-S	151		0.18
Footer-B-25-W	140		0.44
Footer-B-25-T	118		0.12
Footer-B-58-N	102		0.13
Footer-B-58-E	102		0.12
Footer-B-58-W	106		0.13
Footer-B-58-T	99		0.19
Footer-B-59-N	105		0.82
Footer-B-59-E	96		0.24
Footer-B-59-W	107		0.81
Footer-B-59-T	112		0.88
Footer-B-26-N	101		0.09
Footer-B-26-E	97		0.13
Footer-B-26-S	125		0.05
Footer-B-26-W	122		0.08
Footer-B-26-T	122		0.08
Footer-B-57-N	122		0.07
Footer-B-57-E	92		0.11
Footer-B-57-W	91		0.12
Footer-B-57-T	85		0.17
Footer-B-27-N	100		0.08
Footer-B-27-E	97		0.08
Footer-B-27-S	109		0.03
Footer-B-27-W	133		0.1
Footer-B-27-T	110		0.09
Footer-B-56-N	104		0.12
Footer-B-56-E	92		0.18
Footer-B-56-W	104		0.16
Footer-B-56-T	118		0.12

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 5: Former Building B Mercury Vapor Screening Results - Footer Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**August 16 through August 31, 2022**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Footer-B-28-N	109	8/16/2022	0.06
Footer-B-28-E	103		0.06
Footer-B-28-S	118		0.09
Footer-B-28-W	140		0.17
Footer-B-28-T	129		0.12
Footer-B-55-N	96		0.11
Footer-B-55-E	94		0.06
Footer-B-55-W	114		0.17
Footer-B-55-T	101		0.82
Footer-B-29-N	100		0.06
Footer-B-29-E	99		0.04
Footer-B-29-S	104		0.11
Footer-B-29-W	120		0.09
Footer-B-29-T	108		0.11
Footer-B-54-N	92		0.09
Footer-B-54-E	107		0.05
Footer-B-54-W	92		0.05
Footer-B-54-T	86		0.07
Footer-B-30-N	119		0.09
Footer-B-30-E	99		0.14
Footer-B-30-S	105		0.11
Footer-B-30-W	107		0.12
Footer-B-30-T	103		0.04
Footer-B-18-N	98		0.14
Footer-B-18-E	95		0.14
Footer-B-18-S	121		0.08
Footer-B-18-W	131		0.07
Footer-B-18-T	111		0.33
Footer-B-19-N	95		0.13
Footer-B-19-E	92		0.53
Footer-B-19-S	128		1.81
Footer-B-19-W	136		1.11
Footer-B-19-T	111		0.29
Footer-B-16-N	87.8	8/25/2022	0.45
Footer-B-16-E	90.5		0.12
Footer-B-16-S	94.5		0.21
Footer-B-16-W	95.5		0.39
Footer-B-16-T	89.6		0.44
Footer-B-17-N	92.9		0.18
Footer-B-17-E	89		0.18
Footer-B-17-S	96		0.23
Footer-B-17-W	95.5		0.19
Footer-B-17-T	91.2		0.21

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 5: Former Building B Mercury Vapor Screening Results - Footer Screening Summary Table**

**Vo-Toys Site**

**Harrison, Hudson County, New Jersey**

**August 16 through August 31, 2022**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading ( $\mu\text{g}/\text{m}^3$ )
Footer-B-15-N	93.8	8/25/2022	0.27
Footer-B-15-E	91.1		0.13
Footer-B-15-S	99.2		0.13
Footer-B-15-W	107.5		0.12
Footer-B-15-T	98.3		0.27
Footer-B-14-N	89.5		0.31
Footer-B-14-E	89.2		0.16
Footer-B-14-W	93.2		0.19
Footer-B-14-T	92.4		0.26
Footer-B-14-S	93.1		0.19
Footer-B-34-N	142.5	8/30/2022	2.459
Footer-B-34-E	146.5		2.458
Footer-B-34-S	120.5		14.22
Footer-B-34-W	132.3		13.07
Footer-B-34-T	123.5		16.52
Footer-B-2-N	132		0.262
Footer-B-2-E	131.8		0.384
Footer-B-2-S	116.5		0.404
Footer-B-2-W	122.5		0.31
Footer-B-2-T	130.7		0.336
Footer-B-3-N	120.5		5.855
Footer-B-3-E	110.3		2.29
Footer-B-3-S	100.3		1.96
Footer-B-3-W	108.8		2.178
Footer-B-3-T	109.7		0.98
Footer-B-4-N	145.8		4.16
Footer-B-4-E	118.1		8.084
Footer-B-4-S	130.3		3.038
Footer-B-4-W	125.3		3.042
Footer-B-4-T	115.6		3.785
Footer-B-5-N	98.7	8/31/2022	0.57
Footer-B-5-E	89.4		0.42
Footer-B-5-S	96.7		0.413
Footer-B-5-W	100.4		0.297
Footer-B-5-T	94.6		0.395
Footer-B-6-N	106.6		0.406
Footer-B-6-E	118.8		0.331
Footer-B-6-S	108.1		0.275
Footer-B-6-W	106.3		0.3
Footer-B-6-T	105.4		0.258

**Notes:**

°F - Degrees Fahrenheit

$\mu\text{g}/\text{m}^3$  - Micrograms per Meter Cubed



**Table 5: Former Building B Mercury Vapor Screening Results - Footer Screening Summary Table**

**Vo-Toys Site**

**Harrison, Hudson County, New Jersey**

**August 16 through August 31, 2022**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Footer-B-9-N	106.5	8/31/2022	1.205
Footer-B-9-E	110.9		1.13
Footer-B-9-S	93		0.38
Footer-B-9-W	110		0.47
Footer-B-9-T	119		0.78
Footer-B-37-N	118.6		0.51
Footer-B-37-E	111.8		0.85
Footer-B-37-S	111.9		0.972
Footer-B-37-W	122.7		0.915
Footer-B-37-T	115.8		0.859
Footer-B-38-N	109.3		3.921
Footer-B-38-E	131.2		12.59
Footer-B-38-S	126.6		7.041
Footer-B-38-W	148.5		3.781
Footer-B-38-T	131.8		16.91
Footer-B-39-N	84		0.88
Footer-B-39-E	82.6		2.23
Footer-B-39-S	82.6		2.1
Footer-B-39-W	82.7		0.63
Footer-B-39-T	97.2		1.892
Footer-B-40-N	86.4		0.786
Footer-B-40-E	108.4		4.831
Footer-B-40-S	81.4		1.071
Footer-B-40-W	103.6		0.83
Footer-B-40-T	108.8		1.166
Footer-B-41-N	106.5		1.205
Footer-B-41-E	110.9		1.13
Footer-B-41-S	93		0.38
Footer-B-41-W	110		0.47
Footer-B-41-T	119		0.78
Footer-B-7-N	106.1		0.55
Footer-B-7-E	115.4		0.516
Footer-B-7-S	110.8		0.363
Footer-B-7-W	111.9		0.393
Footer-B-7-T	106.5		0.323
Footer-B-36-N	117		0.926
Footer-B-36-E	111.9		0.73
Footer-B-36-S	110		0.184
Footer-B-36-W	111.2		0.75
Footer-B-36-T	113.4		0.759
Footer-B-35-N	117.2		3.052
Footer-B-35-E	144.6		7.174
Footer-B-35-S	119.8		1.284
Footer-B-35-W	112.9		2.251
Footer-B-35-T	118.1		2.052
Footer-B-31-T	Not Recorded	8/31/2022	<5
Footer-B-31-N			<5
Footer-B-31-W			<5
Footer-B-31-E			<5
Footer-B-31-S			<5
Footer-B-49-N			<5
Footer-B-49-T			<5
Footer-B-49-S			<5
Footer-B-49-W			<5

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 6: Former Building C Mercury Vapor Screening Results - Soil Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**June 29 through August 3, 2022**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Grid-C-8C-12	119.2	6/29/2022	0.51
Grid-C-8C-11	121.4		0.57
Grid-C-8C-10	136.3		0.5
Grid-C-8C-8	143.4		0.84
Grid-C-8C-7	142.9		1.16
Grid-C-8C-6	131.5		1.73
Grid-C-8C-4	107.5		1.56
Grid-C-8C-3	144.1		2.56
Grid-C-8C-2	135.9		5.75
Grid-C-9C-12	127.3		0.28
Grid-C-9C-11	139.3		0.15
Grid-C-9C-10	142		0.17
Grid-C-9C-8	137.7		0.34
Grid-C-9C-7	132.2		0.73
Grid-C-9C-6	149.2		0.6
Grid-C-9C-4	125.6		4.55
Grid-C-9C-3	120.6		2.06
Grid-C-9C-2	121.1		0.31
Grid-C-5C-12	96.1		6.94
Grid-C-5C-11	121.1		10.06
Grid-C-5C-10	121.4		1.6
Grid-C-5C-8	128.5		6.25
Grid-C-5C-7	114.7		6.53
Grid-C-5C-6	133.3		3.73
Grid-C-5C-4	140.3		2.49
Grid-C-5C-3	132.3		2.29
Grid-C-5C-2	138.1		3.32
Grid-C-6C-12	131.8		13
Grid-C-6C-11	117.2		4.18
Grid-C-6C-10	128.1		1.74
Grid-C-6C-8	94.2		4.14
Grid-C-6C-7	106.9		3.63
Grid-C-6C-6	115		2.84
Grid-C-6C-4	113		3.98
Grid-C-6C-3	147.9		4.15
Grid-C-6C-2	149		3.16
Grid-C-7C-12	91.3		4.28
Grid-C-7C-11	92.6		1.5
Grid-C-7C-10	89.5		0.48
Grid-C-7C-8	89.5		1.85
Grid-C-7C-7	103.7		0.96
Grid-C-7C-6	93.8		0.64
Grid-C-7C-4	105.8		1.6
Grid-C-7C-3	118.1		1.17
Grid-C-7C-2	127.6		1.28

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 6: Former Building C Mercury Vapor Screening Results - Soil Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**June 29 through August 3, 2022**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Grid-C-4B-2	138.8	6/30/2022	5.301
Grid-C-7B-11	125.4		1.71
Grid-C-7B-10	115.9		1.811
Grid-C-7B-6	115.2		2.962
Grid-C-7B-3	114.6		1.662
Grid-C-7B-2	113.8		1.925
Grid-C-8B-12	128.5		2.145
Grid-C-8B-11	142.1		4.907
Grid-C-8B-10	120.4		4.139
Grid-C-8B-8	137.9		4.567
Grid-C-8B-7	138.4		5.73
Grid-C-8B-6	132		8.01
Grid-C-8B-4	132.7		1.191
Grid-C-8B-3	132.8		3.501
Grid-C-8B-2	129.2		2.398
Grid-C-9B-12	140.8		5.931
Grid-C-9B-11	142.2		4.615
Grid-C-9B-10	142.5		2.01
Grid-C-9B-8	133.6		2.755
Grid-C-9B-7	142.7		1.214
Grid-C-9B-6	165.4		1.311
Grid-C-9B-4	150.5		1.626
Grid-C-9B-3	164.2		11.298
Grid-C-9B-2	156.3		1.07
Grid-C-9A-12	119		2.795
Grid-C-9A-11	126.7		2.844
Grid-C-9A-10	131.8		3.209
Grid-C-9A-8	138		7.997
Grid-C-9A-7	142.4		6.417
Grid-C-9A-6	142		3.888
Grid-C-9A-4	141.6		11.807
Grid-C-9A-3	143.1		5.408
Grid-C-9A-2	147.2		2.239
Grid-C-9D-8	143.4		4.578
Grid-C-9D-7	145.1		5.694
Grid-C-9D-6	146.5		4.49
Grid-C-9D-4	145.3		2.668
Grid-C-9D-3	139.2		1.972
Grid-C-9D-2	143.3		2.128
Grid-C-3A-11	149.9		8.522
Grid-C-3A-10	123.1		3.294
Grid-C-3A-7	122.9		1.731
Grid-C-3A-6	143.1		0.735
Grid-C-3A-3	137.2		0.6
Grid-C-3A-2	120.2		0.274

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 6: Former Building C Mercury Vapor Screening Results - Soil Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**June 29 through August 3, 2022**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Grid-C-5A-12	148.1	6/30/2022	0.615
Grid-C-5A-11	128.2		0.959
Grid-C-5A-10	140.09		1.421
Grid-C-5A-8	151.8		0.442
Grid-C-5A-7	140.8		0.466
Grid-C-5A-6	142		2.276
Grid-C-5A-4	147.9		0.386
Grid-C-5A-2	132.7		1.431
Grid-C-6A-12	157.2		2.077
Grid-C-6A-11	150.3		3.653
Grid-C-6A-10	141.3		1.68
Grid-C-6A-8	141.9		5.017
Grid-C-6A-7	150.3		3.883
Grid-C-6A-6	146.9		4.43
Grid-C-6A-4	143.1		4.256
Grid-C-6A-2	141.1		0.347
Grid-C-7A-12	106.2		4.68
Grid-C-7A-11	129.2		15.1
Grid-C-7A-10	131		5.78
Grid-C-7A-8	118.9		15.42
Grid-C-7A-7	121.7		10.04
Grid-C-7A-6	131.1		1.25
Grid-C-7A-4	128.7		16.76
Grid-C-7A-3	130.8		13.62
Grid-C-7A-2	147.6		1.68
Grid-C-8A-12	123.1		1.707
Grid-C-8A-11	130		1.78
Grid-C-8A-10	145		1.85
Grid-C-8A-8	144.5		0.96
Grid-C-8A-7	126.3		1.51
Grid-C-8A-6	132.7		5.94
Grid-C-8A-4	130		0.472
Grid-C-8A-3	129.4		0.085
Grid-C-8A-2	137.9		1.19
Grid-C-5B-13	93.1	7/14/2022	0.238
Grid-C-5B-9	94.7		0.934
Grid-C-5B-12	96.2		0.432
Grid-C-5B-11	96.1		0.627
Grid-C-5B-10	98.2		0.83
Grid-C-5B-8	97		0.327
Grid-C-5B-7	94.3		0.314
Grid-C-5B-6	89		0.211
Grid-C-5B-4	100.3		0.226
Grid-C-5B-3	94.7		0.347
Grid-C-5B-2	97.4		0.418
Grid-C-5B-5	96.3		0.419
Grid-C-5B-1	114.7		0.44
Grid-C-5A-3	95.1		0.525

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 6: Former Building C Mercury Vapor Screening Results - Soil Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**June 29 through August 3, 2022**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Grid-C-6B-13	106	7/26/2022	0.302
Grid-C-6B-9	111.8		0.765
Grid-C-6B-12	112.1		1.729
Grid-C-6B-11	108.7		1.979
Grid-C-6B-10	115.8		1.008
Grid-C-6B-8	108.7		0.139
Grid-C-6B-7	113.3		0.687
Grid-C-6B-6	112.8		1.22
Grid-C-6B-4	106.3		0.103
Grid-C-6B-3	107.6		0.754
Grid-C-6B-2	112.1		0.627
Grid-C-6B-5	105.1		0.312
Grid-C-6B-1	108.8		0.102
Grid-C-6A-3	106.7		4.77
Grid-C-6A-14	110.9		4.683
Grid-C-6A-15	112.5		2.94
Grid-C-6A-16	104.7		1.175
Grid-C-7B-12	108.8		0.554
Grid-C-7B-8	109.2		0.369
Grid-C-7B-7	108.1		0.486
Grid-C-7B-4	102.7		0.56
Grid-C-7B-14	103		0.57
Grid-C-4A-1	104.7		0.983
Grid-C-1A-11	83.3		0.427
Grid-C-1A-10	83.7		0.381
Grid-C-1A-7	83.7		1.145
Grid-C-1A-6	84.6		0.521
Grid-C-1A-3	87.5		0.78
Grid-C-1A-2	85.3		0.413
Grid-C-4C-13	103.1		1.18
Grid-C-4C-5	104		0.35
Grid-C-1C-13	123.8	8/3/2022	1.43
Grid-C-1C-12	126		1.09
Grid-C-1C-11	122.3		7.59
Grid-C-1C-10	110.7		2.95
Grid-C-1C-8	126.4		2.51
Grid-C-1C-7	120.4		1.88
Grid-C-1C-6	116.3		2.79
Grid-C-1C-4	126.4		3.79
Grid-C-1C-3	126.1		2.89
Grid-C-1C-2	116.9		2.13
Grid-C-1C-5	128.5		2.3

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 6: Former Building C Mercury Vapor Screening Results - Soil Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**June 29 through August 3, 2022**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Grid-C-2C-13	122.3	8/3/2022	0.38
Grid-C-2C-9	128		0.47
Grid-C-2C-12	122.1		7.19
Grid-C-2C-11	123.3		0.37
Grid-C-2C-10	128.3		0.42
Grid-C-2C-8	126.4		1.63
Grid-C-2C-7	123.1		1.76
Grid-C-2C-6	120.3		0.53
Grid-C-2C-4	129.5		1.34
Grid-C-2C-3	126.4		0.73
Grid-C-2C-2	114.5		0.61
Grid-C-2C-5	123.8		0.7
Grid-C-2C-1	119.1		0.23
Grid-C-1B-8	139		3.69
Grid-C-1B-7	128.2		0
Grid-C-1B-6	132		2.73
Grid-C-1B-4	136		1.33
Grid-C-1B-3	150.6		4.32
Grid-C-1B-2	121.3		1.12
Grid-C-1B-5	139.9		0.99
Grid-C-1B-1	122.9		0.55
Grid-C-2B-8	152.1		2.06
Grid-C-2B-7	146.7		1.57
Grid-C-2B-6	136.2		1.15
Grid-C-2B-4	154.3		0.61
Grid-C-2B-3	153.5		2.44
Grid-C-2B-2	146.4		2.54
Grid-C-2B-5	149.2		0.89
Grid-C-3C-13	127.3		0.63
Grid-C-3C-9	124.3		3.92
Grid-C-3C-12	123.9		4.3
Grid-C-3C-11	124.1		20.46
Grid-C-3C-10	124.6		19.42
Grid-C-3C-8	125.1		6.33
Grid-C-3C-7	125.5		3.55
Grid-C-3C-6	129.4		0.78
Grid-C-3C-4	120.3		2.88
Grid-C-3C-3	145.3		0.6
Grid-C-3C-2	144.1		0.5
Grid-C-3C-5	136.8		1.05
Grid-C-3C-1	147.8		0.41

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 6: Former Building C Mercury Vapor Screening Results - Soil Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**June 29 through August 3, 2022**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Grid-C-3B-9	144	8/3/2022	0.83
Grid-C-3B-11	130.9		0.2
Grid-C-3B-10	148.4		0.52
Grid-C-3B-8	140.5		1.39
Grid-C-3B-7	131		0.29
Grid-C-3B-6	141.5		0.58
Grid-C-3B-4	133.7		1.03
Grid-C-3B-3	137.2		0.58
Grid-C-3B-2	139.6		1.13
Grid-C-3B-5	140.4		3
Grid-C-3B-1	136.1		0.22
Grid-C-4C-12	142.2		9.81
Grid-C-4C-11	144.9		3.62
Grid-C-4C-10	137.9		6.58
Grid-C-4C-8	142.6		1.15
Grid-C-4C-7	136.4		1.02
Grid-C-4C-6	130.5		0.95
Grid-C-4C-4	132.5		1.11
Grid-C-4C-3	143.5		0.56
Grid-C-4C-2	142.4		0.43
Grid-C-4C-1	150.4		0.22
Grid-C-4B-13	136		0.56
Grid-C-4B-9	138.4		0.45
Grid-C-4B-12	141.5		2.23
Grid-C-4B-11	154.1		3.07
Grid-C-4B-10	157		2.49
Grid-C-4B-8	151.2		2.58
Grid-C-4B-7	147.5		8.08
Grid-C-4B-6	153.1		1.4
Grid-C-4B-4	155		2.18
Grid-C-4B-3	155.5		4.45
Grid-C-4B-5	150.5		0.74
Grid-C-4A-13	144.2		1.31
Grid-C-4A-9	125.8		0.36
Grid-C-4A-12	148.2		2.27
Grid-C-4A-11	139.8		1.54
Grid-C-4A-10	142.9		2.29
Grid-C-4A-8	140.2		2.1
Grid-C-4A-7	148.2		2.61
Grid-C-4A-6	144.3		0.33
Grid-C-4A-4	129.3		1.62
Grid-C-4A-3	149.5		0.71
Grid-C-4A-2	119.4		0.64
Grid-C-4A-5	131.1		1.08

**Notes:**

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 6: Former Building C Mercury Vapor Screening Results - Soil Screening Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**June 29 through August 3, 2022**

Sample ID	Plastic Sheeting Temperature (°F)	Date	Soil Mercury Vapor Reading (µg/m <sup>3</sup> )
Grid-C-A1-2	Not Recorded	8/3/2022	0
Grid-C-A1-3			0
Grid-C-A1-4			0
Grid-C-A1-5			0.032
Grid-C-A1-6			0.012
Grid-C-A1-7			0
Grid-C-B1-2			0
Grid-C-B1-3			0
Grid-C-B1-4			0
Grid-C-B1-5			0.001
Grid-C-B1-6			0
Grid-C-B1-7			0.003
Grid-C-B1-8			0.002
Grid-C-B1-9			0.001
Grid-C-B1-10			0.002
Grid-C-B1-11			0.004



**Table 7: Direct Push Technology Mercury Vapor Screening - Borehole Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**January & February 2023**

Sample ID	Ambient Temperature (°F)	Date	Borehole Head Space Reading (J405 [µg/m <sup>3</sup> ])	Core Head Space Reading (J405 [µg/m <sup>3</sup> ])	Depth Interval (ft)
C-06-02	30 - 35	1/31/2023	0.107	Not Recorded	Not Recorded
C-07-01			0.037	Not Recorded	Not Recorded
C-08-01			0.063	Not Recorded	Not Recorded
D-16-02			0.057	Not Recorded	Not Recorded
A-A04-01	30 - 35	2/1/2023	BKG	Not Recorded	0-5
A-A05-01			1	Not Recorded	0-10
			27	46	0-15
			BKG	Not Recorded	0-5
			BKG	Not Recorded	0-10
A-B04-01			1.5	Not Recorded	0-15
			10	Not Recorded	0-5
			66	Not Recorded	0-10
			41	161	0-15
A-B05-01			15	Not Recorded	0-5
			6.1	Not Recorded	0-10
			9.75	Not Recorded	0-15
			118	4.0	0-5
A-C03-01			111	14	0-10
			204	162	0-15
			14	1.5	0-5
			34	196	0-10
A-C04-01			19	67	0-15
			BKG	2.0	0-5
			BKG	BKG	0-10
			BKG	BKG	0-15
A-D04-01			BKG	0.1	0-5
			BKG	0.2	0-10
			BKG	0.1	0-15
			A-D04-02	17	1.5
A-D04-02 <sup>2</sup>			2	0.2	0-10
A-D04-02			2	0.6	0-15
A-D05-01 <sup>1</sup>			90	3	0-5
			95	7	0-10
			46	BKG	0-15
			1.5	0.2	0-5
A-D05-02			BKG	0.1	0-10
			0.51	BKG	0-15
			395	Not Recorded	0-5
			210	Not Recorded	0-10
A-D06-01			45	Not Recorded	0-15
			310	Not Recorded	0-5
			130	Not Recorded	0-10
			32	Not Recorded	0-15
A-D07-01			BKG	BKG	0-5
			BKG	BKG	0-10
			BKG	BKG	0-15

**Notes:**

BKG - Background mercury vapor reading

Ft - Foot

°F - Degrees

Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

<sup>1</sup> - Internal core saturated with water

<sup>2</sup> - 100 percent (%) recovery of depth interval

**Table 7: Direct Push Technology Mercury Vapor Screening - Borehole Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**January & February 2023**

Sample ID	Ambient Temperature (°F)	Date	Borehole Head Space Reading (J405 [µg/m³])	Core Head Space Reading (J405 [µg/m³])	Depth Interval (ft)
A-C01-01	30 - 35	2/2/2023	1.43	BKG	0-5
			BKG	0.51	0-10
			0.89	7.51	0-15
A-D01-01			9.18	BKG	0-5
			12.09	16.7	0-10
			6.55	20.6	0-15
A-D02-01			12.33	BKG	0-5
			7.41	3.38	0-10
			31.13	77	0-15
A-D02-02			1.3	BKG	0-5
			0.56	BKG	0-10
			BKG	1.18	0-15
A-D03-01			19	10	0-5
			8	10	0-10
			11	68	0-15
A-D03-02			123	689	0-5
			165	89	0-10
			39	>999	0-15
A-E01-01			1.75	BKG	0-5
			4.72	1.85	0-10
			2.77	18.23	0-15
A-E01-02			0.62	BKG	0-5
			2.74	BKG	0-10
			6.38	115.7	0-15
A-E02-01			1.74	BKG	0-5
			1.31	1.250	0-10
			2.66	114.1	0-15
A-E03-01			BKG	BKG	0-5
			BKG	1.5	0-10
			BKG	0.62	0-15
A-E03-02			BKG	BKG	0-5
			BKG	BKG	0-10
			BKG	BKG	0-15
A-E03-03			BKG	BKG	0-5
			BKG	BKG	0-10
					BKG

**Notes:**

BKG - Background mercury vapor reading

Ft - Foot

°F - Degrees

Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 8: Direct Push Technology Mercury Vapor Screening - Head Space Jars Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**January & February 2023**

Sample ID	Temperature (°F)	Date	Head Space Reading (J405 [µg/m <sup>3</sup> ])	Head Space Reading (Lumex [µg/m <sup>3</sup> ])	Depth Interval (ft)
A-A06-01	75.0	1/31/2023	Not Recorded	0.460	4.5-5.0
	76.0		Not Recorded	0.045	9.5-10.0
	77.0		Not Recorded	0.266	14.5-15.0
A-A07-01	76.0		Not Recorded	BKG	4.5-5.0
	77.0		Not Recorded	BKG	9.5-10.0
	77.0		Not Recorded	BKG	14.5-15.0
A-B06-01	82.0		Not Recorded	BKG	4.5-5.0
	81.0		Not Recorded	BKG	9.5-10.0
	79.0		Not Recorded	BKG	14.5-15.0
A-B07-01	77.0		Not Recorded	BKG	4.5-5.0
	80.0		Not Recorded	BKG	9.5-10.0
	79.0		Not Recorded	BKG	14.5-15.0
C10-01	75.3		1.86	17.850	Not Recorded
TSE-5-E	77.0		Not Recorded	BKG	4.5-5.0
	76.0		Not Recorded	BKG	9.5-10.0
	78.0		Not Recorded	BKG	14.5-15.0
TSE-5-N	76.0		Not Recorded	BKG	4.5-5.0
	77.0		Not Recorded	BKG	9.5-10.0
	80.0		Not Recorded	BKG	14.5-15.0
TSE-5-S	77.0		Not Recorded	BKG	4.5-5.0
	78.0		Not Recorded	BKG	9.5-10.0
	75.0		Not Recorded	BKG	14.5-15.0
TSE-5-W	77.0		Not Recorded	BKG	3.5-4.0
	75.0		Not Recorded	BKG	4.5-5.0
	79.0		Not Recorded	BKG	9.5-10.0
A-C06-01	78.0		Not Recorded	BKG	14.5-15.0
	72.0		Not Recorded	BKG	4.5-5.0
	73.0		Not Recorded	BKG	9.5-10.0
A-C07-01	72.0		Not Recorded	BKG	14.5-15.0
	76.8		Not Recorded	0.028	4.5-5.0
	76.2		Not Recorded	BKG	9.5-10.0
A-C08-01	74.2		Not Recorded	0.052	14.5-15.0
	71.0		Not Recorded	BKG	9.5-10.0
	70.7		Not Recorded	BKG	14.5-15.0
A-C12-01	72.6		Not Recorded	BKG	4.5-5.0
	68.7		Not Recorded	BKG	9.5-10
	66.0		Not Recorded	BKG	14.5-15
A-D11-01	69.6	2/1/2023	Not Recorded	0.025	9.5-10
	76.1		Not Recorded	0.472	4.5-5.0
	74.6		Not Recorded	BKG	9.5-10
A-D12-01	72.5		Not Recorded	BKG	14.5-15
	74.3		Not Recorded	0.273	2.5-3
	73.5		Not Recorded	BKG	9.5-10
A-D14-02	71.2		Not Recorded	0.022	14.5-15
	74.4		Not Recorded	0.022	4.5-5.0
	76.1		Not Recorded	0.022	9.5-10
A-D15-02	74.8		Not Recorded	BKG	14.5-15
	75.7		Not Recorded	0.024	4.5-5.0
	72.6		Not Recorded	BKG	9.5-10.0
A-D16-02	74.6		Not Recorded	BKG	14.5-15.0
	83.3	2/2/2023	120.5	Not Recorded	1.0-1.5
	86.9		3.23	2.604	5.5-6.0
	89.6		0.040	BKG	14.5-15.0
A-C11-01	82.4		BKG	0.264	1.0-1.5
	81.8		BKG	BKG	9.5-10.0
	93.0		BKG	BKG	14.5-15.0
A-D10-01	84.7		BKG	BKG	4.5-5.0
	89.4		BKG	BKG	9.5-10.0
	90.5		BKG	BKG	14.5-15.0
A-D10-02	93.7		0.032	BKG	4.5-5.0
	86.7		BKG	BKG	14.5-15.0
	87.6		BKG	BKG	14.5-15.0
A-D11-01	87.6		BKG	BKG	2.5-3.0
	82.5		BKG	0.340	14.5-15
	91.2		BKG	BKG	14.5-15
A-E10-01	86.1		6.89	1.231	4.0-4.5
	86.9		0.032	BKG	9.5-10.0
	90.5		BKG	BKG	14.5-15.0
A-E11-01	89.2		BKG	BKG	4.5-5.0
	90.8		BKG	BKG	9.5-10.0
	75.0		BKG	BKG	14.5-15.0
A-C09-01	77.3	2/6/2023	Not Recorded	BKG	4.5-5.0
	62.6		Not Recorded	BKG	9.5-10
	82.0		Not Recorded	BKG	14.5-15.0
A-D06-01	80.0		51.10	Not Recorded	3.5-4.0
	78.4		BKG	0.036	2.0-2.5
	81.3		BKG	BKG	6.0-6.5
A-D07-?	91.5		BKG	0.234	5.5-6.0
	62.4		4.68	1.725	4.0-4.5
A-D07-01	70.1		Not Recorded	0.348	Not Recorded
	88.1		3.94	0.792	0.0-0.5
A-D07-02	90.4		BKG	BKG	14.5-15.0
	87.9		Not Recorded	9.87	2.0-2.5
A-D08-01	89.8		Not Recorded	BKG	9.5-10.0
	78.1		Not Recorded	BKG	14.5-15.0
	83.8		BKG	0.059	2.0-2.5
A-D08-02	77.1		BKG	BKG	9.5-10.0
	92.1		BKG	BKG	14.5-15.0
A-D09-01	74.6		Not Recorded	BKG	4.5-5.0
	80.7		Not Recorded	BKG	9.5-10
	86.1		Not Recorded	BKG	14.5-15.0
A-D09-02	74.3		Not Recorded	9.96	4.5-5.0
	73.2		Not Recorded	0.081	6.5-7.0
	66.2		Not Recorded	BKG	14.5-15.0
FSE-07-E	92.0		BKG	0.030	4.5-5.0
	71.9		BKG	BKG	9.5-10.0
	87.5		0.090	BKG	11.0-11.5
FSE-07-N	82.7		Not Recorded	BKG	4.5-5
	74.5		Not Recorded	BKG	4.5-5.0
	77.7		Not Recorded	BKG	5.5-6.0
FSE-07-S	78.5		Not Recorded	BKG	9.5-10
	72.6		Not Recorded	BKG	14.5-15.0
	81.3		Not Recorded	BKG	14.5-15.0
FSE-07-W	83.8		Not Recorded	13.58	0.0-0.5
	86.3		Not Recorded	BKG	9.5-10.0
	88.7		Not Recorded	BKG	14.5-15.0

**Notes:**  
BKG - Background mercury vapor reading  
ft - Foot  
°F - Degrees Fahrenheit  
µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 8: Direct Push Technology Mercury Vapor Screening - Head Space Jars Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**January & February 2023**

Sample ID	Temperature (°F)	Date	Head Space Reading (J405 [µg/m <sup>3</sup> ])	Head Space Reading (Lumes [µg/m <sup>3</sup> ])	Depth Interval (ft)
A-A04-01	93.5	2/7/2023	BKG	BKG	4.0-4.5
	83.0		1.36	0.85	9.0-9.5
	90.1		27.93	1.98	13.5-14.0
A-A05-01	92.7		BKG	BKG	Not Recorded
	77.5		BKG	0.047	9.5-10.0
	85.6		BKG	BKG	14.5-15.0
A-B04-01	95.6		200.60	25.6	3.5-4.0
	99.8		13.86	1	5.0-5.5
A-B05-01	70.2		1.08	1.0	3-3.5
	95.3		2.79	13.25	5.0-5.5
	93.5		BKG	BKG	14.5-15.0
A-C03-01	86.1		11.11	1.76	3.5-4.0
	100.3		10.50	1.00	5.5-6.0
	71.2		3.09	5.52	10.5-11.0
A-C04-01	89.3		31.51	2.57	4.0-4.5
	85.2		BKG	0.779	7.0-7.5
	91.3		BKG	BKG	14.5-15.0
A-C05-01	62.6		BKG	BKG	4.5-5
	65.4		BKG	BKG	9.5-10.0
	69.8		BKG	BKG	14.5-15
A-D03-01	80.9		BKG	BKG	4.5-5.0
	81.5		2.10	0.256	6.5-7.0
	79.5		BKG	BKG	10.0-10.5
A-D03-02	62.3		214.20	19.26	0.5-1
	66.0		125.00	>50	6.5-7
	80.6		BKG	BKG	10.5-11.0
A-D04-01	97.6		22.37	4.7	0.0-0.5
	93.1		BKG	BKG	6.5-7.0
	83.0		1.36	0.850	9.0-9.5
A-D04-02	85.9		BKG	BKG	14.5-15.0
	90.5		1.3	1.2	2-2.5
	96.6		BKG	BKG	14.5-15.0
A-D05-01	106.1		2.27	0.36	2.0-2.5
	90.1		4.08	0.66	5.0-5.5
	89.5		BKG	BKG	15.5-15.0
A-D05-02	64.3		BKG	BKG	4.5-5
	64.5		BKG	BKG	9.5-10
	63.6		BKG	BKG	14.5-10
A-D06-01	85.1		1.07	400	5.0-5.5
	60.9		BKG	0.034	10.0-15.0
	78.4		0.036	BKG	2.0-2.5
A-E01-01	86.7		BKG	BKG	4.5-5.0
	80.7		BKG	BKG	9.5-10.0
	93.3		BKG	BKG	14.5-15.0
A-E01-03	86.3		BKG	BKG	4.5-5.0
	74.4		BKG	BKG	5.0-10.0
	78.8		BKG	BKG	14.5-15.5
A-E02-01	86.1		BKG	BKG	4.5-5.0
	75.2		10.85	2.6	7.0-7.5
	73.2		BKG	BKG	10.5-11.0
A-E03-01	92.4		BKG	BKG	2.0-2.5
	87.8		BKG	BKG	9.5-10.0
	96.7		BKG	BKG	4.5-5.0
A-E03-02	87.5		BKG	BKG	9.5-10.0
	64.6		BKG	BKG	14.5-15.0
Dup-020723-8	89.7		BKG	BKG	Not Recorded
A-A01-01	77.0	2/8/2023	Not Recorded	8.7	4.0 - 5.0
A-A02-01	74.4		Not Recorded	12.87	5.0 - 6.0
A-A03-01	70.1		Not Recorded	29.16	5.0 - 6.0
A-B01-01	71.2		Not Recorded	1.27	7.0 - 8.0
A-B02-01	74.4		Not Recorded	82.41	4.0 - 5.0
A-B03-01	70.4		Not Recorded	37.79	3.0 - 4.0
A-C01-01	75.8		BKG	BKG	4.5 - 5
	83.3		BKG	BKG	9.5 - 10.0
	72.3		BKG	BKG	14.5 - 15.0
A-D01-01	86.0		BKG	BKG	3.5 - 4.0
	74.4		BKG	BKG	9.5 - 10
	78.2		9.89	14.92	9.0 - 9.5
A-D02-01	79.3		1.89	3.74	10.5 - 11.0
	83.1		BKG	BKG	14.5 - 15.0
A-D02-02	83.5		12.38	8.5	0.5 - 5.5
	109.3		2.18	BKG	4.5 - 5.0
	92.5		BKG	BKG	9.5 - 10.0
A-E01-02	83.6		BKG	BKG	14.5 - 15.0
	72.3		90.27	>50	1.5 - 2.0
	85.8		0.072	BKG	7.5 - 8.0
A-E01-03	89.9		BKG	BKG	14.5 - 15
	86.3		BKG	BKG	4.5-5.0
	74.4		BKG	BKG	5.0-10.0
	78.8		BKG	BKG	14.5-15.5

**Notes:**  
BKG - Background mercury vapor reading  
Ft - Foot  
°F - Degrees Fahrenheit  
µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 9: Direct Push Technology Mercury Vapor Screening - Soil Core Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**January & February 2023**

Sample ID	Average Core Temperature (°F)	Date	Soil Core High Reading (Lumex [µg/m <sup>3</sup> ])	Soil Core High Reading (J405 [µg/m <sup>3</sup> ])	Depth Interval (ft)
A-C09-01	Not Recorded	2/6/2023	BKG	Not Recorded	0-5.0
	Not Recorded		BKG	Not Recorded	5.0-10.0
	Not Recorded		BKG	Not Recorded	10.0-15.0
A-D03-01	Not Recorded		4.07	Not Recorded	0-5.0
	Not Recorded		BKG	Not Recorded	5.0-10.0
	Not Recorded		BKG	Not Recorded	10.0-15.0
A-D06-01	Not Recorded		>50	Not Recorded	0-5.0**
A-D06-02	Not Recorded		0.5	Not Recorded	0-5.0
	Not Recorded		1.95	Not Recorded	5.0-10.0
	Not Recorded		BKG	Not Recorded	10.0-15.0
A-D07-01	Not Recorded		26.3	Not Recorded	0-5.0
	Not Recorded		BKG	Not Recorded	5.0-10.0
	Not Recorded		BKG	Not Recorded	10.0-15.0
A-D07-02	Not Recorded		1.59	Not Recorded	0-5.0
	Not Recorded		1.22	Not Recorded	5.0-10.0
	Not Recorded		BKG	Not Recorded	10.0-15.0
A-D08-02	Not Recorded		2.73	Not Recorded	0-5.0
	Not Recorded		BKG	Not Recorded	5.0-10.0
	Not Recorded		BKG	Not Recorded	10.0-15.0
A-D09-01	Not Recorded		BKG	Not Recorded	0-5.0
	Not Recorded		BKG	Not Recorded	5.0-10.0
	Not Recorded		BKG	Not Recorded	10.0-15.0
A-D09-02	Not Recorded		0.483	1.83	0-5.0
	Not Recorded		Not Recorded	1.73	5.0-10.0
	Not Recorded		1.73	Not Recorded	10.0-15.0
FSE-07-E	Not Recorded		BKG	Not Recorded	0-5.0
	Not Recorded		BKG	Not Recorded	5.0-10.0
	Not Recorded		0.480	Not Recorded	10.0-15.0
FSE-07-N	Not Recorded		BKG	Not Recorded	0-5.0
	Not Recorded		BKG	Not Recorded	5.0-10.0
	Not Recorded		BKG	Not Recorded	10.0-15.0
FSE-07-S	Not Recorded		BKG	Not Recorded	0-5.0
	Not Recorded		BKG	Not Recorded	5.0-10.0
	Not Recorded		BKG	Not Recorded	10.0-15.0
FSE-07-W	Not Recorded		1.00	5.64	0-5.0
	Not Recorded		BKG	Not Recorded	5.0-10.0
	Not Recorded		BKG	Not Recorded	10.0-15.0
A-D06-01	64-70	2/7/2023	Not Recorded	0.228	5.0-10.0
	64-71		Not Recorded	0.077	10.0-15.0

**Notes:**

BKG - Background mercury vapor reading

\*\* - Mercury beads present from 2.0 to 2.5 feet

Ft - Foot

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

**Table 9: Direct Push Technology Mercury Vapor Screening - Soil Core Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**January & February 2023**

Sample ID	Average Core Temperature (°F)	Date	Soil Core High Reading (Lumex [µg/m <sup>3</sup> ])	Soil Core High Reading (J405 [µg/m <sup>3</sup> ])	Depth Interval (ft)
A-A04-01	70-77	2/7/2023	BKG	Not Recorded	0-5.0
	62-69		0.144	Not Recorded	5.0-10.0
	62-77		0.190	Not Recorded	10.0-15.0
A-A05-01	76-77		BKG	Not Recorded	0-5.0
	62-71		BKG	Not Recorded	5.0-10.0
	65-69		0.082	Not Recorded	10.0-15.0
A-B04-01	60-61		1.999	Not Recorded	0-5.0
	64-70		0.281	Not Recorded	5.0-10.0
	67-73		BKG	Not Recorded	10.0-15.0
A-B05-01	75-76		0.368	Not Recorded	0-5.0
	61-70		0.119	Not Recorded	5.0-10.0
	61-64		BKG	Not Recorded	10.0-15.0
A-C03-01	71-73		1.152	Not Recorded	0-5.0
	61-65		0.309	Not Recorded	5.0-10.0
	73-76		0.483	Not Recorded	10.0-15.0
A-C04-01	65-73		0.692	Not Recorded	0-5.0
	62-74		0.087	Not Recorded	5.0-10.0
A-C04-01 <sup>2</sup>	60-74		BKG	Not Recorded	10.0-15.0
A-C05-01	77-81		BKG	Not Recorded	0-5.0
	65-77		BKG	Not Recorded	5.0-10.0
	65-83		BKG	Not Recorded	10.0-15.0
A-D03-02	72-78		10.25	43.21	0-5.0
	65-82		75.62	138.26	5.0-10.0
	77-78		Not Recorded	80.70	10.0-15.0
A-D04-01	73-87		0.319	Not Recorded	0-5.0
	73-82		BKG	1.33	5.0-10.0
	70-82		0.071	BKG	10.0-15.0
A-D04-02	71-83		0.215	8.62	0-5.0
	77-87		5.775	15.71	5.0-10.0
	65-77		BKG	BKG	10.0-15.0
A-D05-01	70-78		0.605	Not Recorded	0-5.0
	65-80		0.119	13.58	5.0-10.0
	72-81		BKG	Not Recorded	10.0-15.0
A-D05-02	74-80		0.076	Not Recorded	0-5.0
	69-84		BKG	Not Recorded	5.0-10.0
	66-87		BKG	BKG	10.0-15.0
A-E03-01	77-83		BKG	BKG	0-5.0
	74-94		BKG	BKG	5.0-10.0
	73-76		0.068	BKG	10.0-15.0
A-E03-02	80-85		BKG	BKG	0-5.0
	77-83		BKG	BKG	5.0-10.0
	69-86		BKG	BKG	10.0-15.0

**Notes:**

BKG - Background mercury vapor reading

Ft - Foot

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

> - Greater than

<sup>1</sup> - Mercury bead present in soil core

<sup>2</sup> - Thin grey layer in core, no mercury detected in layer

**Table 9: Direct Push Technology Mercury Vapor Screening - Soil Core Summary Table**  
**Vo-Toys Site**  
**Harrison, Hudson County, New Jersey**  
**January & February 2023**

Sample ID	Average Core Temperature (°F)	Date	Soil Core High Reading (Lumex [µg/m <sup>3</sup> ])	Soil Core High Reading (J405 [µg/m <sup>3</sup> ])	Depth Interval (ft)
A-D03-01	68-72	2/7/2023	BKG	BKG	0-5.0
	65-70		Not Recorded	15.93	5.0-10.0
	70-77		Not Recorded	10.96	10.0-15.0
A-E01-01	62-72		Not Recorded	BKG	0-5.0
	64-81		Not Recorded	BKG	5.0-10.0
	64-73		Not Recorded	BKG	10.0-15.0
A-E02-01	65-75		0.6	Not Recorded	0-5.0
	65-75		10.16	Not Recorded	5.0-10.0
	67-77		9.34	Not Recorded	10.0-15.0
A-A01-01	Not Recorded	2/8/2023	Not Recorded	59.59	4.0-5.0
A-A02-01	Not Recorded		Not Recorded	63.74	4.0-5.0
	Not Recorded		Not Recorded	109.9	5.0-6.0
A-A03-01	Not Recorded		Not Recorded	27.4	3.0-4.0
	Not Recorded		Not Recorded	106.6	4.0-5.0
	Not Recorded		Not Recorded	>999	5.0-6.0
A-B01-01	Not Recorded		Not Recorded	0.77	6.0-7.0
	Not Recorded		Not Recorded	1.93	7.0-8.0
A-B02-01	Not Recorded		Not Recorded	691.8	4.0-5.0
	Not Recorded		Not Recorded	589.9	5.0-6.0
	Not Recorded		Not Recorded	121.2	6.0-6.5
A-B03-01	Not Recorded		Not Recorded	244.8	3.0-4.0
A-C01-01	Not Recorded		Not Recorded	BKG	5.0-10.0
	Not Recorded		Not Recorded	BKG	10.0-15.0
A-C02-01	Not Recorded		Not Recorded	>999	4.0-4.5
A-D01-01 <sup>4</sup>	Not Recorded		Not Recorded	Not Recorded	5.0-10.0
	Not Recorded		Not Recorded	BKG	10.0-15.0
	Not Recorded		Not Recorded	Not Recorded	0-5.0
A-D02-01	Not Recorded		Not Recorded	15.3	5.0-10.0
	Not Recorded		Not Recorded	4.22	10.0-15.0
	Not Recorded		Not Recorded	11.3	0-5.0
A-D02-02	Not Recorded		Not Recorded	BKG	10.0-15.0
A-D02-02 <sup>3</sup>	Not Recorded		Not Recorded	BKG	0-5.0
A-D02-02 <sup>3</sup>	Not Recorded		Not Recorded	BKG	5.0-10.0
A-E01-02	Not Recorded		Not Recorded	0.80	5.0-10.0
	Not Recorded		Not Recorded	BKG	10.0-15.0
A-E01-02 <sup>2</sup>	68		Not Recorded	2.93	0-5.0
A-E01-03	65		Not Recorded	1.17	0-5.0
	63		Not Recorded	0.55	5.0-10.0
	63		Not Recorded	BKG	10.0-15.0

**Notes:**

BKG - Background mercury vapor reading

Ft - Foot

°F - Degrees Fahrenheit

µg/m<sup>3</sup> - Micrograms per Meter Cubed

> - Greater than

<sup>2</sup> - Green/Grey layer in core

<sup>3</sup> - Ground brick at 5 feet

<sup>4</sup> - Black sand in core

**Attachment C**  
Photographic Documentation Log



**Photographic Documentation Log**  
VO Toys Site  
Harrison, Hudson County, New Jersey  
June 2022 through March 2023



**Photograph 1:** June 23, 2022, through March 17, 2023, and May 30 through August 24, 2023, the U.S. Environmental Protection Agency, Region II (EPA), with the support of Weston Solutions, Inc. Superfund Technical Assessment & Response Team V (START V), conducted a systematic mercury vapor analyzer survey of soil remaining within three building footprints and oversight of the Potentially Responsible Party (PRP) and their subcontractors, as part of the Removal Assessment at the VO Toys Site (the Site). The photo above is a view of the footprint of Former Building C.



**Photograph 2:** View of a west wall of the footprint of Former Building C.

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**Photograph 3:** View of an excavator removing contaminated soil at the footprint of Former Building C.



**Photograph 4:** View of an excavated contaminated soil piles on a white polyethylene (poly) sheeting at the Building C footprint.



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**Photograph 5:** View of the footprint of Former Building B.



**Photograph 6:** View of a footers at the east part of the Former Building B footprint.

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**Photograph 7:** View of a southwest corner of the Former Building B footprint.



**Photograph 8:** View of the footprint of former Building A.



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**Photograph 9:** View of a footer B33 located in the Former Building B footprint.



**Photograph 10:** To conduct a mercury vapor screening of the footers and grids, each area was covered with the black poly sheeting with the perimeter weighted down with iron piping. Each sheet was undisturbed for approximately 10 minutes to heat to above 60 degrees Fahrenheit (°F), which causes mercury to volatilize at a higher rate. START V conducted mercury vapor analyzing with a Lumex 915 +/-M and a Jerome J405. The photo above is a view of START V covering a footer with poly in the Former Building B footprint.

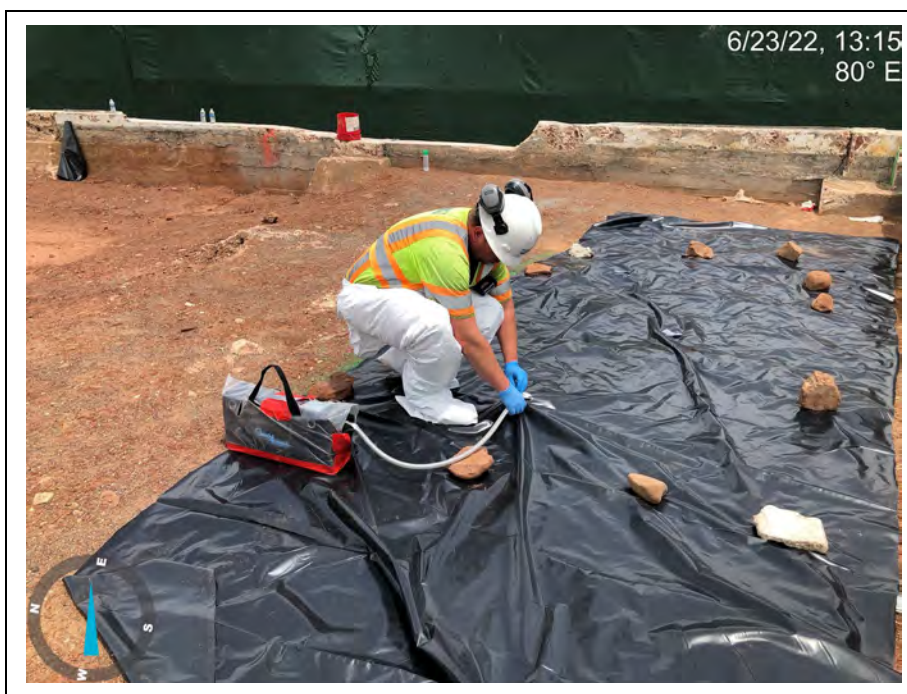
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**Photograph 11:** To conduct a mercury vapor screening of the interior footers of the former buildings, the area and soil around each location was covered with a 12 foot (ft) by (x) 12 ft section of black poly sheeting. To limit the loss of mercury vapors from under the poly sheeting due to the air movement entering under the sheet, four-foot sections of black iron pipe were emplaced around the perimeter of each poly sheet. A total of nine evenly distributed screening points were cut into the poly sheeting: one on top of the footer (top), one on each side of the footer (north, east, south, and west), and one above the soil adjoined to each side of the footer (north soil, east soil, south soil, and west soil). Above is a view of the layout of the screening process.



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**Photograph 22:** View of START V conducting screening at a soil screening grid in the Former Building B footprint.



**Photograph 13:** View of a Lumex Mercury Vapor Analyzer's screening results.

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**Photograph 14:** View of START V preparing a footer on the northwest wall of the former Building B footprint for screening.



**Photograph 15:** View of the covered footer on the northwest wall of the former Building B footprint during the heating process.



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**Photograph 16:** View of a grid being screened for mercury vapor in the former Building B footprint.



**Photograph 37:** View of a former footer in the footprint of Former Building B. Due to elevated mercury vapor concentrations, the PRP and their subcontractors removed the footer.



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**Photograph 18:** View of START V inspecting a pipe on the north side of Former Building C to determine if the pipe was impacted by mercury. Due to the unknown nature of the pipe, START V conducted this inspection in level C personal protective equipment (PPE).



**Photograph 49:** A view of the PRP subcontracted drilling firm conducting a direct push technology (DPT) soil boring sampling event in the footprint of Former Building A. Each soil core location was advanced to 15 feet below ground surface (bgs). Soil cores were screened in the field with a Jerome J405, capped, and transported to a heating tent to bring the temperature of the core above 60 °F. Soil cores were then processed by the assigned PRP subcontracted environmental firm.

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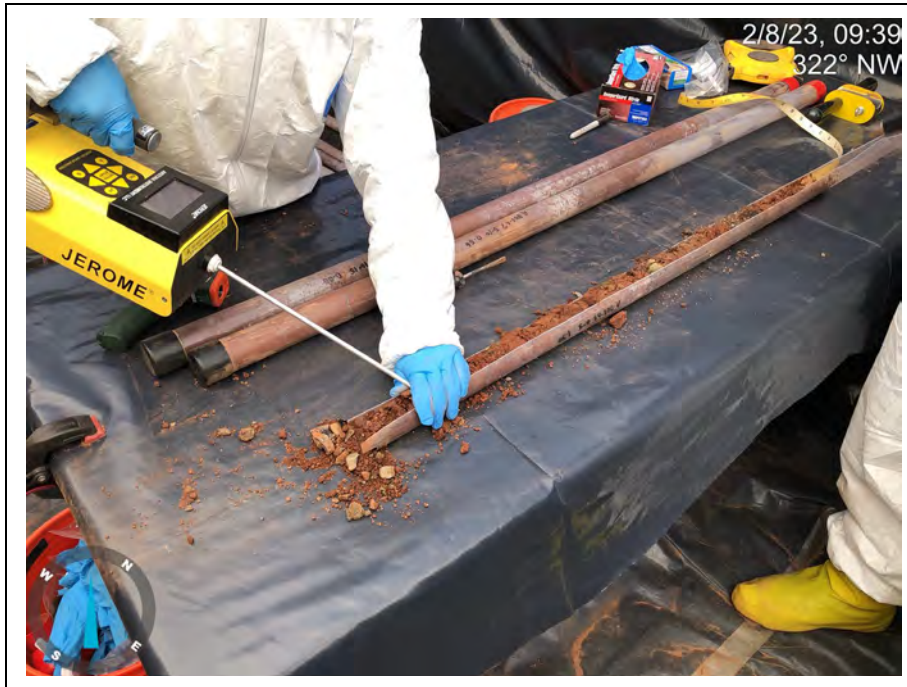
**Photograph 20:** View of the screening tent on-Site set up by the PRP subcontracted environmental firm. Soil cores from the DPT event were transported to this tent and stored on top of concrete heating pads and covered with a blanket prior to being processed.



**Photograph 21:** View of soil core A-E01-01 at 0.0 to 5.0 bgs being processed by the PRP and their subcontractors.



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**Photograph 22:** View of the PRP and their subcontractors conducting mercury vapor screening at soil core A-E01-01 at 0.0 to 5.0 bgs with a Jerome J405.



**Photograph 23:** View of backfill material being delivered to Site for construction of the temporary access road for the Volatile Organic Compounds (VOC) excavation.

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**Photograph 24:** View of the PRP and their subcontractors creating the temporary access road consisting of a base layer of geotextile fabric, dual layer woven poly sheeting, and a top layer of gravel.



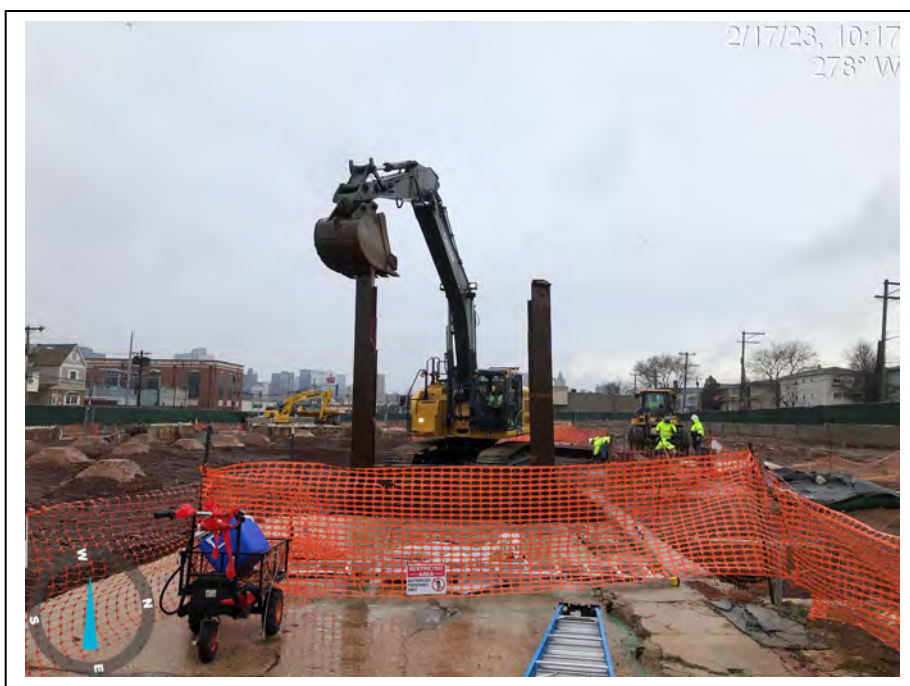
**Photograph 25:** View of the PRP and their subcontractors creating the temporary storage area consisting of a base layer of geotextile fabric and dual layer woven poly sheeting.



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**Photograph 26:** View of a layer of black material that was found directly under concrete walkways near the VOC excavation area.



**Photograph 27:** View of the PRP and their subcontractor installing the trench box in VOC excavation area.

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**Photograph 28:** View of the PRP and their subcontractor conducting excavations inside the trench box of VOC excavation area.



**Photograph 29:** View of the PRP and their subcontractor preparing to remove a pipe that was found in VOC excavation area.



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**Photograph 30:** View of the PRP and their subcontractor backfilling in VOC excavation area.



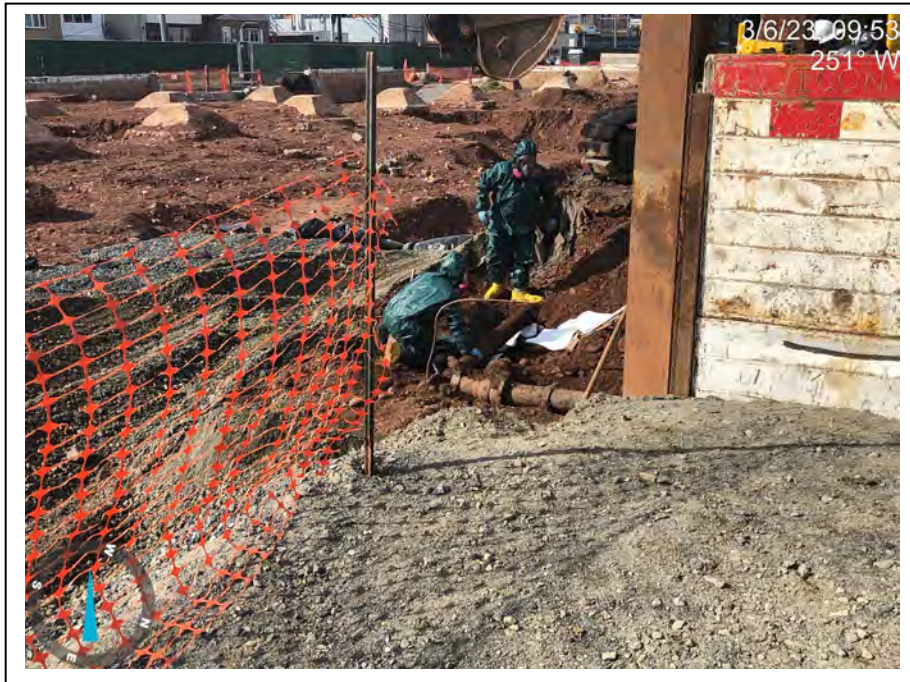
**Photograph 31:** View of the PRP and their subcontractor preparing to insert the trench box into VOC excavation area.



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**Photograph 32:** View of the START V screening a bucket of removed material with a Photoionization Detector (PID) with a VOC sensor at VOC excavation area. The grey material resulted in elevated VOC readings.



**Photograph 33:** View of the PRP and their subcontractor removing a pipe that was found in VOC excavation area.

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**Photograph 34:** View of the PRP and their subcontractor conducting loadout of non-hazardous material for off-Site disposal.



**Photograph 35:** View of the PRP and their subcontractor conducting loadout of excavated material for off-Site disposal.



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**Photograph 36:** View of the PRP and their subcontractor conducting mercury vapor readings of a pipe discovered in the footprint of former Building A.



**Photograph 37:** View of the PRP and their subcontractor conducting excavations under an interior footer in the footprint of Former Building A.

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**Photograph 38:** View of the PRP and their subcontractor exposing an exterior footer on the east side of the footprint of Former Building A. The footer was exposed to find and screen the bottom of the footer.



**Photograph 39:** View of the PRP and their subcontractor conducting mercury vapor screenings underneath the exposed footer on the east side of the footprint of Former Building A Footprint.



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**Photograph 40:** View of the PRP and their subcontractor conducting soil mercury vapor screening in the footprint of Former Building A. The methodologies for soil mercury vapor screening were modeled after the START V methods described above in Photo 10 and 11.



**Photograph 41:** View of the PRP and their subcontractor uncovering a pipe in the footprint of Former Building A.



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**Photograph 42:** View of the PRP and their subcontractor conducting removing a pipe that was found in the footprint of Former Building A.



**Photograph 43:** View of START V recording data points from soil mercury vapor screening operations in the footprint of Former Building A.



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**Photograph 44:** View of standing water in the footprint of Former Building A after several days of rain.



**Photograph 45:** View of the PRP and their subcontractor manually excavating around a discovered pipe that ran north to south in the former courtyard between Former Building A and of Former Building C.



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**Photograph 46:** View of the PRP and their subcontractor preparing to backfill a trench that ran east to west along the former courtyard near the foundation of Former Building C.



**Photograph 47:** View of an 8-inch a polyvinyl chloride (PVC) pipe that was discovered in the courtyard near the east foundation wall of Former Building B. This pipe was connected to a drain box that was removed. This pipe resulted in no mercury vapor readings.



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**Photograph 48:** View of the 8-inch PVC pipe after it was capped with concrete at the Former Building B foundation wall. This pipe resulted in no mercury vapor readings.



**Photograph 49:** A wider angle of the 8-inch PVC pipe after it was capped with concrete.