

**RONALD J. RICCIO**  
SITE ADMINISTRATOR

Direct Dial: 201-874-4581  
Email: [riccio@mdmc-law.com](mailto:riccio@mdmc-law.com)

McElroy, Deutsch, Mulvaney & Carpenter  
One Hovchild Plaza  
4000 Route #66, 4<sup>th</sup> Floor  
Tinton Falls, New Jersey 07753  
Tel. 732-733-6200  
Fax 732-922-2702

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July 30, 2021

**VIA FEDERAL EXPRESS AND EMAIL**

The Honorable Jeffrey R. Jablonski, A.J.S.C.  
Superior Court of New Jersey  
Brennan Courthouse  
583 Newark Avenue  
Jersey City, New Jersey 07306

Re: **Progress Report (January 30, 2021 through the date of this Report)** pursuant to New Jersey Department of Environmental Protection, et al. v. Honeywell International, Inc., et al. v. City of Jersey City, et al., Superior Court of New Jersey, Chancery Division, Hudson County, Civil Action No. HUD-C-77-05; Partial Consent Judgment Concerning the PPG Sites filed June 26, 2009 (the “JCO”)

Dear Judge Jablonski:

I respectfully submit this Progress Report pursuant to my responsibilities as independent Site Administrator operating under the JCO (defined above). This Report covers the period January 30, 2021 through the date of this Report.

I submit this Progress Report pursuant to paragraph 1(b)(i)1 of the “Order Administratively Dismissing This Matter Without Prejudice and Retaining Jurisdiction” entered by Judge Sarkisian on May 4, 2016. That Order requires that I provide Progress Reports to the Court twice per year. This is my eleventh Progress Report since being appointed Site Administrator. The prior Progress Reports are dated July 29, 2016, January 27, 2017, July 28, 2017, January 30, 2018, July 31, 2018, January 24, 2019, July 31, 2019, March 5, 2020, July 31, 2020 and January 29, 2021. All of those Progress Reports have been posted to the Chromium Cleanup Partnership web site ([www.chromiumcleanup.com](http://www.chromiumcleanup.com)) so that the public is kept apprised of the remediation activities at the PPG chromium sites.

In addition to serving as Site Administrator, I sometimes function as a mediator pursuant to the February 22, 2016 “Order Referring Third-Party Complaint and Referring Certain Matters to Mediation and Entering Stay” or as requested by interested parties

relative to the PPG chromium sites. Section VI. of this Report addresses the status of mediation proceedings I am handling.

## **I. COVID-19 Pandemic Impact on Master Schedule Milestones**

Since my last Progress Report, it seemed for a time that we were turning the corner completely on the pandemic. Recently, however, there seems to have been an uptick in new cases. Therefore, the JCO Parties and I continue to monitor COVID-19 indicators to determine any future potential COVID impact on the PPG remediation activities.

## **II. Master Schedule Revisions**

A revised Master Schedule dated July 30, 2021 is set forth as Attachment 2. The new Master Schedule sets forth the most up to date activity milestones.

## **III. NJDEP Approvals And Transition Of Some Sites to LSRP Program.**

PPG has made significant progress in obtaining NJDEP approvals under the JCO for the remediation it has performed at the JCO sites or portions of sites. Attachment 1 to the new Master Schedule contains a list of all such approvals. The sites or portions of sites on that list have been released from my jurisdiction under the JCO. In some cases, where a remedial action permit was required, the site or portions of sites have transitioned to the Licensed Site Remediation Professional (“LSRP”) program for administration of the permit requirements.

## **IV. Potential Project Delays and Technical and/or Property Owner Disputes**

Below is a listing of technical disputes and/or property owner disputes that have caused, or may in the future cause, delays in the progress of the remediation activities.

A. Submittal of the Remedial Investigation Report for Groundwater at the GAG Sites.<sup>1</sup> In prior Progress Reports, I described the technical disputes centering on the delineation of the vertical and horizontal extent of chromium and other contaminant impacts in the groundwater at the GAG Sites. On March 24, 2021, PPG submitted a draft Remedial Investigation Report for Groundwater at the GAG Sites (the “GW-RIR”). On May 18, 2021 and May 24, 2021, NJDEP and the City of Jersey City, respectively, provided comments to the GW-RIR. On June 25, 2021, PPG responded to the comments of NJDEP and the City. NJDEP responded to PPG’s June 25 responses on July 23, 2021.

Given the exchange of comments and responses to the GW-RIR, I am hopeful that this important report can be finalized on or before the end of November 2021. If so, that will be a major achievement given the many complexities associated with the groundwater conditions at the GAG Sites and because the GW-RIR forms the basis for the design of the groundwater remedy.

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<sup>1</sup>Attachment 1 to this Progress Report defines “GAG Sites” and certain other terminology used in this Report.

The parties have agreed that additional investigations of the bedrock zone are required. PPG and NJDEP are discussing a scope of work for that investigation. It is hoped that concurrence on the scope of work will be achieved in August 2021. Once the bedrock investigation is completed, the results will be incorporated into a “Supplemental” RIR that will be submitted to the JCO Parties for review.

B. Submittal of the Remedial Action Work Plan for Groundwater at the GAG Sites. On March 31, 2021, PPG submitted a draft Remedial Action Work Plan for Groundwater at the GAG Sites (the “GW-RAWP”).<sup>2</sup> NJDEP issued “high-level” comments to the GW-RAWP on June 8, 2021. PPG responded to the NJDEP comments on July 21, 2021. The parties are expected to engage in technical discussions regarding the GW-RAWP, including, among other things, the Phase I, Phase II and Phase III Interim Remedial Measures (“IRMs”) conducted or to be conducted at the GAG Sites.

There remain some highly technical issues that need to be resolved regarding the GW-RAWP. It is difficult at this juncture to predict an outcome. The parties are making every effort to ensure that the remediation strategy for the groundwater at the GAG Sites is protective of public health and safety and the environment and that the remedial design is coordinated so as to avoid or minimize any interference with the redevelopment activities at the GAG Sites.

C. Site 107 (18 Chapel Avenue, Jersey City): All soil remediation has been completed at this Site, subject to review of the final reports documenting the cleanup. In January 2021, the owner of the property advised me and the JCO Parties of a potential claim for monetary damages resulting from the alleged delays by PPG in conducting the soil remediation work and its inability to derive income from the property. The property owner also raised certain issues relating to the backfilling and grading of the property by PPG.

I was asked by the property owner and PPG to mediate the disputes between these parties. Several mediation sessions were held in the subsequent months. A final resolution has not been achieved, in part because of COVID issues. I expect to hear from the property owner’s counsel in the coming weeks as to whether an offer made by PPG to resolve the disputes is acceptable. If a resolution is not achieved, this could result in litigation.

## V. Status of Sites Currently Being Investigated/Remediated

### A. Remediation of the GAG Sites, GAG Roadways and GAG Off-Site Properties<sup>3</sup>

Halladay Street North (between Carteret Avenue and Forrest Street): As of February 2021, PPG had completed excavation, backfilling and restoration of this section of roadway. PPG submitted a Remedial Action Report (“RAR”) documenting the remediation of soils in

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<sup>2</sup> In simple terms, a ground water remedial investigation entails, among other things, characterizing of site geology, delineation of ground water contamination and the sources of ground water contamination, while a groundwater remedial action work plan is intended to present the remediation strategy for groundwater at a site.

<sup>3</sup> **Attachment 1** to this Progress Report sets forth definitions/descriptions of the “GAG Sites,” the “GAG Roadways,” the “GAG Off-Site Properties” and the “Non-GAG Sites.”

this roadway on July 21, 2021, which is currently under review by NJDEP and the City of Jersey City.

Forrest Street Roadway (west of Halladay Street to the terminus of the public roadway): PPG completed all remediation field activities in this roadway. It is currently applying to NJDEP for a soil remedial action permit.

Garfield Avenue (between Carteret Avenue and the NJ Transit Line): The JCO Parties have agreed to a restricted use remedy for this roadway consisting of engineering controls (existing asphalt cap) and institutional controls (notice in lieu of deed notice). The remedy also calls for excavation of shallow chromium impacts in the roadway in the event of the widening of the roadway by the City that exposes soils underlying the road surface. Final documentation of the remedy has been postponed pending evaluation of the City's schedule for undertaking planned activities to widen this roadway.

Carteret Avenue (between Garfield Avenue and Pacific Avenue): As of December 2020, PPG had completed all excavation, backfilling and restoration requirements in this roadway. A soil remedial action permit has been proposed for a small portion of this roadway due to the presence of chromium impacts that will remain in an area adjacent to a building. Several other minor chromium impacts may require establishment of additional restricted areas on portions of the roadway. The City is exploring ways to eliminate or minimize any additional encumbrances to this roadway. PPG submitted an RAR documenting the remediation of soils in this roadway on March 29, 2021. NJDEP issued comments regarding the RAR on June 25, 2021. It is anticipated that the RAR will be re-submitted by PPG in August and approved by NJDEP in September 2021.

Pacific Avenue/Caven Point Avenue: Chromium and chromium-related impacts were discovered in portions of these roadways. The proposed remedy for this roadway is a restricted use approach consisting of engineering controls (existing asphalt cap) and institutional controls (notice in lieu of deed notice). Documentation of the remedial action for this roadway is scheduled to be submitted in September 2021.

Former Halsted Corporation Property (78 Halladay Street): Excavation and backfilling of this Site have been completed with the exception of residual chromium-impacted soils along the eastern boundary of the site, which will remain in order to protect building structures located on adjacent properties. These impacts will be addressed via a restricted use remedy. PPG submitted an RAR documenting the remediation of soils at this property on June 30, 2021. NJDEP review is anticipated by the end of September 2021.

Forrest Street Properties (84, 86-90, 98-100 and 108 Forrest Street): The soil contamination at this property is being remediated under two separate approaches, one for the exterior portions of the buildings and one for the chromium impacts that remain in place under and adjacent to building structures located at this property. In 2019, NJDEP issued a conditional approval for the excavation, backfilling and restoration work performed exterior to the buildings. Final approval is conditional upon the property owner's concurrence with the remediation documents submitted by PPG.

Implementation of an owner-approved Remedial Action Work Plan (“RAWP”) for chromium impacts under the buildings is underway, including installation of engineering controls in a basement area, alleyway and loading dock. The work in the basement and alleyway is expected to be completed in August 2021. The work in the loading dock is contingent on the current tenant vacating the building, which is anticipated to occur in September 2021.

Ten West Apparel Property (800 Garfield Avenue, Jersey City) and Adjacent Parcels: After Ten West vacated the building in October 2020 PPG promptly commenced asbestos removal inside the building, demolition of the building and excavation of chromium impacted soils. Excavation of the chromium impacts on the Ten West property and adjacent parcels is expected to be completed in November 2021.

B. Remediation of the Non-GAG Sites

Site 156, Metropolis Towers: PPG’s investigation and remediation of soils (except for soils under the boiler room) and groundwater at this Site were fully approved by NJDEP in 2019. The only remaining area of environmental concern at this Site is the boiler room floor located in one of the towers. PPG and NJDEP agreed conceptually on an approach for the boiler room floor and soils beneath the floor that involves continued regular inspections of the floor coupled with a deed restriction. NJDEP approved the remedial action in October 2020 and PPG submitted the Remedial Action Permit application to NJDEP this month.

Site 16, Linden Avenue East: Negotiations between PPG and the property owner with respect to a scope of work for future remediation of chromium impacted soils under the building structures located at this Site are ongoing. Soils exterior to the building have been remediated and final approvals have been issued by NJDEP.

Site 63, Baldwin Oil (1 Burma Road): NJDEP approved PPG’s remediation of the soils at this Site in 2018. PPG’s efforts are now focused on groundwater at this Site, including Site 65.<sup>4</sup> PPG anticipates submitting a groundwater RIR Addendum/RAWP in October 2021.

Sites 107, Site 108 and the Conrail Property: These three sites are contiguous and are being grouped for purposes of discussion.

Site 107: See Section IV. above.

Site 108: PPG submitted a draft RAWP/RAR in May 2021, which calls for a restricted use remedy for soils at this Site involving institutional controls and engineering controls. This remedy is subject to the consent of the property owner.

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<sup>4</sup> The JCO Parties have agreed that any impacted groundwater at Site 65 (which includes portions of Burma Road and Morris Pesin Drive and is situated adjacent to Site 63) will be deemed to have emanated from Site 63 and will be addressed in connection with the Site 63 groundwater investigation.

Conrail Property: PPG has proposed a restricted use remedy for soils at this Site involving institutional controls and engineering controls. This remedy is subject to the consent of the property owner. Negotiations with the property owner are ongoing.

PPG anticipates submitting a groundwater RIR/RAWP for these sites in November 2021.

Site 174 – Portion of Dennis Collins Park (Bayonne): In April 2021, PPG completed installation of a 2 ft. clean soil cap and replaced the stone revetment adjacent to the Kill Van Kull at Site 174. The only remaining soil remediation work required at this Site is the excavation of chromium impacts along a portion of the new revetment adjacent to the Kill Van Kull. PPG anticipates completing that work in September 2021. The groundwater investigation of this site is in progress.

457 Communipaw Avenue: PPG submitted a preliminary assessment/site investigation/remedial investigation work plan for this property in February 2018. The remedial investigation work at this site began in March 2019 and is ongoing. Delays have resulted from interactions with a tenant that operates an auto repair shop at the 457 Communipaw location. PPG anticipates submitting a remedial investigation report/remedial action work plan in August 2021.

In April 2021, chromium blooming was discovered in the basement of the building located at 465 Communipaw Avenue. PPG installed an IRM in the basement of that building, which will be subject to periodic inspections. An inspection of the basement of a building located at 467 Communipaw was conducted; no chromium impacts were identified.

## **VI. Mediation Proceedings**

I function as a Court-appointed Mediator pursuant to the February 22, 2016 “Order Referring Third-Party Complaint and Referring Certain Matters to Mediation and Entering Stay.” Pursuant to that Order, I was appointed to mediate two matters.

The first mediated matter related to claims by the City of Jersey City and the JCRA against PPG for alleged damage to municipal infrastructure and reimbursement of same. That matter was successfully resolved through the mediation process.

The second mediated matter related to claims by JCRA, Hampshire Urban Renewal Redevelopment, L.L.C. and 900 Garfield Avenue, L.L.C. against PPG concerning the remediation and restoration of Site 114 (owned by Hampshire) and Site 132 (owned by JCRA), terms of a deed notice(s) for those sites and reimbursement of JCRA and Hampshire for incremental costs with respect to those sites. I have held numerous mediation proceedings on this matter. The parties have resolved the claims related to the deed notices. Hampshire and JCRA have executed deed notices for Site 114. The claims related to incremental costs remain unresolved.

The parties requested that I not declare the mediation to be at an impasse, although it was my intention to do so. Instead, the mediation proceedings have been suspended. I intend to monitor the situation to determine whether I should resume my mediation efforts and, if so, when.

As noted above, I will be mediating issues involving Site 107.

## **VII. Communications with the Site 114 Property Owner/Redeveloper**

Pursuant to the Court's direction during an August 27, 2020 conference call with the Redeveloper, PPG, NJDEP and the City of Jersey City, I have filed the following reports with the Court regarding PPG's progress of remediation activities at Site 114 and any potential impacts on redevelopment: November 30, 2020, February 26, 2021 and June 2, 2021. I anticipate filing my next report in early September 2021. Since the filing of my last report on June 2, 2021, I do not presently see any conflicts between PPG's planned remediation activities and the proposed redevelopment schedule. As of the date of this Report it appears that no significant construction activities related to the proposed redevelopment will commence at Site 114 until sometime between the end of 2021 and the first quarter of 2022.

## **VIII. Current and Future Activities**

Web Site: My office, with the help of the JCO Parties, maintains a web site referred to as the Chromium Cleanup Partnership, which can be found at [www.chromiumcleanup.com](http://www.chromiumcleanup.com). The web site contains extensive information including, among other things, the status of remediation at the PPG chromium sites. Critical remediation reports and other important documents are posted to the web site. We are continually updating the web site to include the most recent information about the PPG chromium sites. This Progress Report with all attachments/enclosures, including the new Master Schedule, will be posted to the web site. All prior Progress Reports have also been posted to the web site.

Newsletter: A newsletter summarizing the status of activities at the PPG chromium sites was published in November 2020. I anticipate publishing a newsletter by the end of 2021. The newsletter is widely distributed throughout the community and, historically, has been published at least once per calendar year.

Public Meetings: Typically, I hold a public meeting at least once per year. Given the COVID-19 pandemic, however, I did not hold such a meeting in 2020. As the COVID situation evolves I am contemplating holding a public meeting late this year or early in 2022. Our postings to the Chromium Cleanup Partnership web site and the newsletters that are distributed to the public will hopefully be sufficient to advise the public of the status of the remediation work. I also remain available to address public inquiries via phone and email and I have done so on several occasions.

PPG Employment Report: Attachment 3 includes PPG's most recent Employment Report(s) in which PPG reports that it has satisfied the JCO goals for the reporting period.

I am available at Your Honor's convenience to answer any questions you may have.

Respectfully submitted,

*/s/ Ronald J. Riccio*

Ronald J. Riccio  
Site Administrator

Attachments:

- **Attachment 1**: Definitions/Descriptions
- **Attachment 2**: Master Schedule with figures/maps
- **Attachment 3**: PPG Employment Report(s)

cc: Via email: PPG, NJDEP and the City of Jersey City

## **ATTACHMENT 1**

### **DEFINITIONS/DESCRIPTIONS**

Attached to the revised Master Schedule (Attachment 2 to this Progress Report) are Figure 1 and Figure 2. These figures depict the “Garfield Avenue Group” of sites (the “GAG Sites”), the Garfield Avenue Group Phase 4 Roadways (the “GAG Roadways”) and the Garfield Avenue Group Phase 5 – Off-Site Properties (the “GAG Off-Site Properties”). The “Non-GAG Sites” include all PPG sites that are not GAG Sites, GAG Roadways or GAG Off-Site Properties.

The “GAG Sites” include the following parcels, broken down as “Phases,” shown on Figure 1 and Figure 2:

- IRM #1, located within Site 114;
- Phases 1A and 1B, considered the Southwest Area within Site 114;
- Phase 1C, located within Site 114;
- Phase 2A, located within Site 114;
- Phase 2B, which includes Phases 2B-1 through 2B-4, located within Site 114;
- Phase 3A, which includes Site 132 and most of Site 143;
- Phase 3B North, which includes a portion of Site 132 and a portion of Site 137;
- Phase 3B South, which includes Site 133 West, a portion of Site 137, the former Fishbein property, the Ten West Apparel property, and a small portion of Halladay Street South; and
- Phase 3C, which includes Site 133 East, the remainder of Halladay Street South, and Site 135 North.

The “GAG Roadways” are chromium-impacted roadways surrounding the GAG Sites, including Halladay Street, Forrest Street, Carteret Avenue, Garfield Avenue (from Carteret Avenue to the Light Rail) and in portions of Pacific Avenue and Caven Point Avenue.

The “GAG Off-Site Properties” include chromium-impacted properties adjacent to the GAG Sites, including the following properties: former Halsted Corporation, Forrest Street Properties, Ten West Apparel, 816 Garfield Avenue (former Fishbein Parcel) and Al Smith Moving.

**ATTACHMENT 2**  
**MASTER SCHEDULE**  
**(ATTACHED)**

**Master Schedule for the NJ PPG Chrome Remediation Sites**

**(Exhibit 2/3)**

**Revision Date: July 30, 2021**

**SOILS - GARFIELD AVENUE SITES**

Group/Phase or Site (See Fig. 1 attached)	Property Description (Owner) (See Fig. 2 attached)	Access/Road Closure Plan	Excavation Start Actual OR Required	Excavation Complete Actual OR Required	Backfill Complete Actual OR Required	Restoration Complete Actual OR Required	RAR Determination	Comments
GA Group Phase 3B South (15 Halladay, the remainder of 25 Halladay with 800 and 816 Garfield Avenue added)	Site 133 West (PPG) and Site 137 South (PPG)	PPG Owned	8/29/2018 (See Comments)	November 2021	December 2021	February 2022	April 2023	PPG excavated a portion of these Sites commencing in 2018. The remaining portions of the planned excavations at these Sites were deferred until Ten West Apparel ("Ten West") vacated 800 Garfield Avenue, which occurred in October 2020. Demolition of the building at 800 Garfield Avenue was completed in May 2021 and excavation of the remaining portions of these Sites recommenced in April 2021.  The sites included within GA Group Phase 3B South were not part of NJDEP's March 30, 2017 capillary break determination letter or the NJDEP-approved December 2017 Capillary Break Design Report. Therefore, a separate determination must be made by the Department prior to Restoration Complete as to the need for a capillary break at these sites.
	Fishbein (816 Garfield Avenue) (PPG)	PPG Owned	April 2021	November 2021	December 2021	February 2022	April 2023	Excavation at these Sites was deferred until Ten West vacated 800 Garfield Avenue, which occurred in October 2020. Demolition of the building at 800 Garfield Avenue was completed in May 2021 and excavation at these Sites recommenced in April 2021.  The sites included within GA Group Phase 3B South were not part of NJDEP's March 30, 2017 capillary break determination letter or the NJDEP-approved December 2017 Capillary Break Design Report. Therefore, a separate determination must be made by the Department prior to Restoration Complete as to the need for a capillary break at these sites.
	Ten West Apparel (800 Garfield Avenue) (PPG)	PPG Owned						
GA Group Phase 3C	Halladay Street South (AOC HSS-1B) (Jersey City)	Road Closure in Place	April 2021	November 2021	December 2021	February 2022	April 2023	Grids in Halladay Street South adjacent to Ten West (Grid Columns 42A through 47A and partial Grid P41A) that constitute AOC HSS-1B will be excavated, backfilled, and restored in connection with the Phase 3B South remediation activities. The established milestones for AOC HSS-1B are consistent with the Phase 3B South Master Schedule milestones and comments above.  This area was not part of NJDEP's March 30, 2017 capillary break determination letter or the NJDEP-approved December 2017 Capillary Break Design Report. Therefore, a separate determination must be made by the Department prior to Restoration Complete as to the need for a capillary break in this area.
	Site 133 East (22-68 Halladay) (AOC 133E-1B) (PPG)	PPG Owned	April 2021	November 2021	December 2021	February 2022	April 2023	Grids in Site 133 East adjacent to Halladay Street South (Grid Rows P through R plus Grids S43A and S44A) that constitute AOC 133E-1B will be excavated, backfilled, and restored in connection with the Phase 3B South remediation activities. The established milestones for AOC 133E-1B are consistent with the Phase 3B South Master Schedule milestones and comments above.
	Halsted Corporation (78 Halladay St) (PPG)	PPG Owned	5/7/2018	8/10/2018 (See Comments)	8/24/2018 (See Comments)	2/18/2021	December 2021	Excavation and backfilling of this site have been completed with the exception of residual chromium-impacted soils along the eastern boundary of the site, which will remain in order to protect building structures located on adjacent properties. These impacts will be addressed via a restricted use remedy. See Soil Note 8 regarding MGP contamination.  The Restoration Complete milestone was administratively completed on 2/18/21 when NJDEP accepted PPG's responses to comments on the capillary break determination for the Halsted property as presented in the Capillary Break Design Final Report (Revision 2) Addendum (Revision 1).
	Forrest Street Properties 108 Forrest St (Caragliano)	Access Agreement in Place	3/27/2017	7/19/2017	8/9/2017	5/2/2018	10/29/2019	PPG, NJDEP and the property owner reached agreement regarding a remedial approach for 108 Forrest Street that called for the excavation and backfilling of impacted soils for the majority of the property exterior to the 100 Forrest Street building, and a restricted use remedy adjacent to the building where excavation was prohibited to avoid structural damage to the building. Excavation and backfilling of the agreed upon area was completed and engineering controls consistent with the property's current non-residential use were installed to address remaining impacts adjacent to the 100 Forrest Street building.  PPG will conduct remedial excavation of the impacts that remain adjacent to the 100 Forrest Street building in the event the building is demolished and the remaining impacted materials become accessible. The timing of building demolition is unknown and outside of the scope of this Master Schedule.  An RAR Determination letter for AOC FSP-1A and FSP-1B was issued on October 29, 2019. An RAR Conditional Approval letter was issued on November 15, 2019; final approval of the RAR is conditional upon property owner concurrence with the RAR. See Soil Note 8 regarding MGP contamination.

**Master Schedule for the NJ PPG Chrome Remediation Sites**

**(Exhibit 2/3)**

**Revision Date: July 30, 2021**

**SOILS - GARFIELD AVENUE SITES**

Group/Phase or Site (See Fig. 1 attached)	Property Description (Owner) (See Fig. 2 attached)	Access/Road Closure Plan	Excavation Start Actual OR Required	Excavation Complete Actual OR Required	Backfill Complete Actual OR Required	Restoration Complete Actual OR Required	RAR Determination	Comments
	Forrest Street Properties 84, 86-90, and 98-100 Forrest St (Caragliano)	Access Agreement in Place	See Comments	See Comments	See Comments	See Comments	November 2022	On February 11, 2020, the property owner approved a Remedial Action Work Plan ("RAWP") to memorialize a restricted use remedy for these properties taking into account the properties' current non-residential use and impacts that remain under and adjacent to the buildings. NJDEP approved the RAWP by letter dated February 19, 2020. Current-use remedial action implementation, including installation of engineering controls in the boiler room basement and alleyway is expected to be completed in August 2021. Installation of engineering controls in the loading dock is contingent on the current tenant relocating, which is anticipated to occur by September 2021.  PPG will conduct remedial excavation of the impacts that remain under and adjacent to the buildings in the event the buildings are demolished and the remaining impacted materials become accessible. The timing of building demolition is unknown and outside of the scope of this Master Schedule. See Soil Note 8 regarding MGP contamination.
GA Group Phase 5 Off Site Properties	Site 199 – Green Gray Mud in Former Morris Canal	Access to be Obtained	See Comments	See Comments	See Comments	See Comments	See Comments	PPG will propose a separate master schedule pursuant to the terms of the 2011 Consent Judgment that will establish milestones for the regulatory closure of the green gray mud in the former Morris Canal located within the NJ Transit right of way and what is also referred to as Site 199. The inclusion of Site 199 in this Master Schedule does not commit PPG to the jurisdiction of the JCO for this site.
	Carteret Avenue (Jersey City)	Road Closure in Place	6/3/2019	1/15/2020	2/7/2020	12/16/2020	September 2021	See Soil Note 8 regarding MGP contamination. The Restoration Complete milestone was administratively completed on December 16, 2020 when NJDEP accepted the capillary break determination for Carteret Avenue as presented in the Capillary Break Design Report Addendum.
	Halladay Street North (Jersey City)	Road Closure in Place	1/16/2020	4/2/2020	4/10/2020	2/18/2021	December 2021	See Soil Note 8 regarding MGP contamination. The Restoration Complete milestone was administratively completed on February 18, 2021 when NJDEP accepted PPG's responses to comments on the capillary break determination for Halladay Street North as presented in the Capillary Break Design Final Report (Revision 2) Addendum (Revision 1).
	Forrest Street (Jersey City)	See Comments	3/27/2017	8/4/2017	9/1/2017	6/27/2018	10/29/2019 (See Comments)	An RAR Determination letter for AOCs FS-1A, FS-1B, and FS-1C was issued on October 29, 2019 and on November 12, 2020 NJDEP issued an RAR Approval letter for the restricted use remedy proposed for this Site. PPG applied to NJDEP for a Soil Remedial Action Permit on March 26, 2021, which application included a Notice in Lieu of Deed Notice executed by the City of Jersey City.  PPG will conduct remedial excavation of CCPW impacts that remain in the roadway in the event the Forrest Street Properties buildings are demolished and the remaining impacted materials become accessible, consistent with the RAWP approved by NJDEP on February 19, 2020. The timing of building demolition on the Forrest Street Properties is unknown and outside of the scope of this Master Schedule. See Soil Note 8 regarding MGP contamination.
	Garfield Avenue (Jersey City)	See Comments	See Comments	See Comments	See Comments	See Comments	See Comments	In consideration of the numerous utilities located in this roadway and traffic issues, the City, PPG and NJDEP agreed upon a restricted use remedy for this roadway that was incorporated into a RAWP, which calls for, among other things, deferring excavation of shallow impacts until such time as any street widening work or other work by the City that would disrupt the asphalt surface of the roadway. The RAWP was approved by NJDEP on December 18, 2019.  The City of Jersey City Planning Board approved the subdivision of a narrow strip of the western boundary of Site 114 (parallel to the eastern boundary of Garfield Avenue), including the "Western Sliver" area (AOC 114-1B, where limited CCPW-impacts currently remain). This strip of land was transferred to the City in November 2020 thereby making it a part of the Garfield Avenue roadway. The Remedial Action Report for Garfield Avenue will include AOC 114-1B. Submittal of the RAR is on hold pending evaluation of the City's schedule for undertaking planned activities to widen this roadway.  This roadway was not part of NJDEP's March 30, 2017 capillary break determination letter or the NJDEP-approved December 2017 Capillary Break Design Report. A capillary break evaluation was, however, included in the RAWP for the current use scenario; the RAWP calls for a capillary break reassessment as part of any roadway modifications in connection with the Canal Crossing Redevelopment.
GA Group Phase 4 Roadways	Pacific Avenue/ Caven Point Avenue	See Comments	See Comments	See Comments	See Comments	See Comments	March 2022	CCPW-related impacts were discovered in portions of these roadways. PPG submitted a revised RIR/RAWP for soils in these roadways on June 18, 2020, which was approved by NJDEP on October 30, 2020. The remedial alternative proposed in the RAWP for the impacted portions of these roadways consists of engineering controls (existing asphalt cap) and institutional controls (notice in lieu of deed notice). PPG anticipates submitting an RAR for these roadways in September 2021.  This roadway was not part of NJDEP's March 30, 2017 capillary break determination letter or the NJDEP-approved December 2017 Capillary Break Design Report. A capillary break evaluation was, however, included in the RIR/RAWP referenced above. A capillary break determination was made as part of NJDEP's review of this submittal.

**Master Schedule for the NJ PPG Chrome Remediation Sites**

**(Exhibit 2/3)**

**Revision Date: July 30, 2021**

**SOILS - NON-GARFIELD AVENUE GROUP SITES**

Group/Phase or Site	Property Description (Owner)	Access/Road Closure Plan	Excavation Start Actual OR Required	Excavation Complete Actual OR Required	Backfill Complete Actual OR Required	Restoration Complete Actual OR Required	RAR Determination	Comments
Site 16	45 Linden Ave. East (Etzion)	Access Agreement in Place	6/16/2014 (See Comments)	See Comments	See Comments	See Comments	See Comments	PPG completed excavation and backfilling of this property exterior to the buildings in June 2015. On March 3, 2021, NJDEP issued a Consent Judgement Compliance letter memorializing approvals for the remediation of the exterior soils (AOC-1). PPG and the property owner are in negotiations regarding the remedy for Cr impacts under the building structure. Therefore, milestones for remediation of such impacts are on hold.  Some remediation will be required in the street. That remediation will be performed concurrent with the remediation of the building. PPG will notify the City at least 90 days prior to the date that the street needs to be closed.
Site 107	Fashionland (Ancam, LLC, aka EMI)	Access Agreement in Place	6/13/2018	2/18/2021	3/11/2021 (See Comments)	3/11/2021 (See Comments)	October 2021 (Majority Site RAR); February 2022 (MSA RAR)	
Conrail Right-of-Way (AOC Adjacent to Site 107 and Site 108)	Conrail Right-of-Way	Access Agreement in Place	6/13/2018 (See Comments)	See Comments	See Comments	See Comments	See Comments	PPG completed some excavation of Cr impacts in the Conrail right of way and proposed to Conrail a restricted use remedy that called for institutional and engineering controls with respect to the remaining CCPW-related impacts in the right of way. Coordination with Conrail owner is on-going.
Site 108	Albanil Dyestuff (Jersey City Logistics, LLC)	Access Agreement in Place	6/13/2018	See Comments	See Comments	See Comments	December 2021	PPG completed excavation and backfilling of this property exterior to the buildings. The RAR Determination milestone assumes that a restricted use remedy will be consented to by the property owner. PPG submitted a draft RAWP/RAR to NJDEP in May 2021. Coordination with the property owner is on-going.
Site 156 (Boiler Room)	Metro Towers (ALMA)	Access Agreement in Place	See Comments	See Comments	See Comments	See Comments	10/30/2020	The proposed remedy for the boiler room calls for continued regular inspections by PPG under a Remedial Action Permit, coupled with a deed restriction. PPG submitted the Remedial Action Permit application to NJDEP in July 2021.
Site 174	Dennis Collins Park (City of Bayonne)	Access Agreement in Place (See Comments)	4/8/2013	9/30/2016	9/30/2016	September 2021 (See Comments)	April 2022 (See Comments)	PPG completed focused excavation, backfilling, and restoration of portions of the Park in 2016. On June 6, 2019, PPG and the City of Bayonne entered into a Memorandum of Understanding (MOU) setting forth the parties' understandings concerning the coordination of the installation of a 2 ft. clean soil cap and other required engineering controls for the remediation of soils with the City's redevelopment of the Park. In addition, PPG, the City of Bayonne, and Green Acres entered into an access agreement that incorporates Green Acres requirements for implementation of the final remedy.  PPG completed installation of the soil cap, new stone revetment adjacent to the Kill Van Kull and other required engineering controls in January 2021 and restoration was deemed substantially complete in April 2021. The only other work required at this Site is the excavation of chromium impacts beneath a portion of the new revetment. PPG anticipates completing that work, including restoration of the revetment area and any upland areas, including reconstruction of the Korean War Memorial, in September 2021, although the schedule could be impacted by tides.
457 Communipaw	457 Communipaw Right-of-Way (285 Lincoln Avenue, LLC)	See Comments	See Comments	See Comments	See Comments	See Comments	See Comments	During the investigation of this site, it was determined that CCPW impacts exist on 457 Communipaw Avenue (privately owned), but also on one parcel owned by the Jersey City Redevelopment Authority ("JCRA"). A portion of the entrance to Berry Lane Park from Communipaw Avenue, which is adjacent to the 457 Communipaw Avenue property, has been fully remediated. A site investigation was performed in 2017 at the 457 Communipaw Avenue property. PPG submitted a PA/SI/RIWP for this property in February 2018. The RI work at this site began in March 2019 and is ongoing. In April 2021, Cr blooming was discovered in the basement of the building located at 465 Communipaw Avenue. PPG installed an IRM in this basement of the 465 Communipaw building, which will be subject to periodic inspections. An inspection of the basement of 467 Communipaw was conducted; no Cr impacts were identified. PPG anticipates submitting an RIR/RAWP for the 457 Communipaw Avenue property by August 2021.

**Master Schedule for the NJ PPG Chrome Remediation Sites**

**(Exhibit 2/3)**

**Revision Date: July 30, 2021**

**GROUNDWATER**

<b>GA GROUP GROUNDWATER MILESTONES</b>					
<b>Group/Phase or Site</b>	<b>Property Description (Owner)</b>	<b>RIR Submittal /Anticipated Review-Approval</b>	<b>RAWP Submittal /Anticipated Review-Approval</b>	<b>RAR Submittal /Anticipated Review-Approval</b>	<b>Comments</b>
GW IRM Phase III	See Comments	N/A	N/A	NA	The Phase III of the IRM Permit-by-Rule application was submitted in March 2021 and the authorization was received in July 2021. The IRM Phase III will address a portion of Site 114 and areas north, south and east of Site 114. The Phase III IRM is projected to be operational in November 2021
Remedial Investigation (Overburden)	Entire Site Group	3/24/2021	N/A	N/A	A draft GW RIR was submitted to NJDEP in October 2018. Since that time additional investigation has been conducted and a revised RIR was submitted by PPG on March 24, 2021. NJDEP issued comments to the GW RIR on May 18, 2021 and the City of Jersey City issued comments on May 24, 2021. PPG responded to the NJDEP and City comments on June 25, 2021. NJDEP issued comments on July 23, 2021 related to the adequacy of PPG's June 25, 2021 responses. The parties are currently engaged in technical discussions concerning the GW RIR. Assuming PPG re-submits the RIR (Overburden) in August 2021, approval is anticipated on or before October 2021.
		October 2021			
Remedial Investigation (Bedrock)	Entire Site Group	March 2022	N/A	N/A	An RIR specific to bedrock will be provided as an RIR addendum. The parties are currently discussing a scope of work for the bedrock investigation. Assuming submittal of an RIR (Bedrock) in approvable form (i.e., sufficient to document completion of delineation) in March 2022, review and approval by NJDEP would be anticipated by July 2022.
		July 2022			
Remedial Action Work Plan	Entire Site Group	N/A	3/31/2021	N/A	A draft GW RAWP was submitted by PPG on March 31, 2021. NJDEP issued "high-level" comments to the GW RAWP on June 8, 2021. PPG submitted responses to NJDEP's comments on July 21, 2021. The parties are currently engaged in technical discussions concerning the GW RAWP, including, among other things, the Phase I, Phase II and Phase III Interim Remedial Measures ("IRMs") conducted or to be conducted at the GAG Site, which such IRMs are proposed as part of the remedy for groundwater at the GAG Group of Sites. NJDEP does not consider the current version of the RAWP to be in approvable form. Assuming the technical differences of opinion regarding the current version of the RAWP can be resolved and PPG re-submits the RAWP in approvable form in October 2021, review and approval by NJDEP would be anticipated by January 2022.
			January 2022		
Remedial Action Report	Entire Site Group	N/A	N/A	November 2023	Assuming submittal of an RAR in approvable form (i.e., sufficient data to document compliance with the approved RAWP and the requirements of N.J.A.C. 7:26E-5.7) in November 2023, review/approval by NJDEP would be anticipated by June 2024.
				June 2024	

<b>NON-GA GROUP GROUNDWATER MILESTONES</b>					
Site 16	(see non-GAG Soils table)	10/28/2019	TBD	TBD	PPG rescinded a previously submitted groundwater RIR/RAWP and issued an RIR Addendum on 10/28/19. The most recent revision to the RIR Addendum was submitted by PPG on June 9, 2020. The RIR Addendum was approved by letter from NJDEP dated August 13, 2020. PPG anticipates submittal of a RAWP for Groundwater following resolution with the property owner of soil impacts under the building structure.
Site 63	(see non-GAG Soils table)	RIR/RAWP Submittal: 5/13/2019		TBD	The most recent version of the RIR/RAWP was submitted on January 31, 2020, NJDEP provided comments to that submittal on 4/24/20. PPG anticipates submitting an RIRA/RAWP in October 2021. The RAR Submittal date will be determined once NJDEP approves the RIR/RAWP.
Site 107, Site 108 and Conrail Right-of-Way	(see non-GAG Soils table)	RIR/RAWP Submittal: November 2021		TBD	
Site 174	(see non-GAG Soils table)	RIRA/RAWP Submittal: February 2022		TBD	RIR/RAWP Submittal assumes installation of the groundwater monitoring well in September 2021, following the additional revetment work. .
457 Communipaw	(see non-GAG Soils table)	TBD		TBD	PPG anticipates including a groundwater investigation plan in the soil RIR/RAWP by September 2021.
Site 186	(see non-GAG Soils table)	See Comments		November 2023	Site 186 groundwater investigation/remedial action is considered part of the Garfield Avenue Group groundwater program. Groundwater quality at Site 186 has been evaluated and the data are presented in this GA Group Groundwater RI report. No further action is required related to groundwater.

## **Master Schedule for the NJ PPG Chrome Remediation Sites**

**(Exhibit 2/3)**

**Revision Date: July 30, 2021**

### **NOTES**

#### **GENERAL NOTES:**

- 1) Redevelopment cannot occur until a capillary break determination has been made and capillary break installation (where required) has been completed.
- 2) Commencing on or about April 10, 2020, all field work was suspended at the PPG Chrome Remediation Sites as a result of the COVID-19 pandemic. Limited field activities restarted on June 15, 2020. As of the date of this Master Schedule, the Principals continue to monitor COVID-19 incident rates and other criteria. The milestones set forth in this Master Schedule may be affected by safety and health considerations relative to the COVID-19 pandemic.
- 3) Defined Terms:

“JCO” means the Partial Consent Judgment Concerning the PPG Sites entered in the matter captioned *New Jersey Department of Environmental Protection, et al. v. Honeywell International, Inc., et al. v. City of Jersey City, et al., Superior Court of New Jersey, Chancery Division, Hudson County, Civil Action No. HUD-C-77-05.*

“JCO Stakeholders,” for the purpose of this Master Schedule, means PPG, the City of Jersey City, NJDEP and the Site Administrator (Ronald J. Riccio).

“Consent Judgment Compliance Letter” means a letter issued by the Department pursuant to the 2011 Consent Judgment. The Consent Judgment Compliance Letter is the Department’s equivalent of a No Further Action letter that is issued after all appropriate remediation documents have been finalized, an RAR Determination has been made, and after the issuance by the Department of any required remedial action permits with respect to the applicable media and areas of concern.

“2011 Consent Judgment” means the Consent Judgment in the matter captioned *New Jersey Department of Environmental Protection, et al. v. Honeywell International Inc., et al., Docket No C-77-05, Superior Court of New Jersey, Chancery Division, Hudson County (filed September 7, 2011).*

“LSRP” means Licensed Site Remediation Professional.

“Principals” means, collectively, PPG, NJDEP, the City of Jersey City and the Site Administrator.
- 4) PPG, NJDEP and the City of Jersey City entered into (and the Site Administrator acknowledged and accepted) that certain Memorandum of Understanding dated as of September 22, 2020 establishing detailed procedures for the removal of PPG sites, portions of sites or media from jurisdiction pursuant to the JCO and the 2011 Consent Judgment and, in certain instances, transitioning same to the LSRP Program (the “MOU”). On October 22, 2020, the Superior Court of New Jersey entered the First Consent Order Transitioning Certain PPG Sites, Portions of Sites or Media to LSRP Program (the “First Consent Order”). The First Consent Order included an Exhibit A that identified the sites, portions of sites or media that were being removed from jurisdiction pursuant to the JCO and the 2011 Consent Judgment and, in certain instances, transitioned to the LSRP Program.

#### **SOILS NOTES:**

- 1) Green shading indicates that milestones have been attained.
- 2) “Excavation Start” means access has been gained, building demolition and shoring installation, if required, have been completed, there are no known impediments to proceeding with excavation and excavation has actually commenced.
- 3) For Garfield Avenue Group Sites, “Backfill Complete” means backfill is brought to elevations approved by NJDEP.
- 4) For the purpose of this Master Schedule, “restoration” is defined as final remediation grading in accordance with an NJDEP-approved Restoration Technical Execution Plan or other NJDEP-approved document identifying restoration requirements, and a capillary break has been installed if required. In-kind replacement of existing infrastructure (i.e., pavement and utilities) is covered under the PPG/Jersey City Infrastructure Settlement Agreement, which has been agreed to by all Parties.
- 5) Restoration within specific areas under/around infrastructure necessary to support on-going remediation may be delayed if such a delay is acceptable to the Department and property owners.
- 6) For the purpose of this Master Schedule, “RAR Determination” means that the Department has determined whether the Remedial Action Report (“RAR”) meets the requirements of applicable Department regulations and guidance. The Department will make this determination assuming: (i) the RAR Figures/Tables have been submitted by PPG and reviewed/approved by the Department prior to complete RAR submittal, and (ii) the initial submittal of the complete RAR (i.e., text plus figures, tables and other Department-required information) is received 26 weeks prior to the RAR Determination milestone. (The referenced 26 week time period assumes 12 weeks for the Department/Weston and the City of Jersey City to provide comments to the initial complete RAR submittal, 7 weeks thereafter for PPG to review and incorporate such comments and submit the final version of the full RAR, and 7 weeks thereafter for the Department to make the RAR Determination).
- 7) This version of the Master Schedule has combined “Exhibit 2” and “Exhibit 3” from the version of the Master Schedule dated October 13, 2015. The term Exhibits 2/3 is used here because prior orders entered by the court in *NJDEP, et al. v. Honeywell International, Inc., et al.* reference those exhibits as exhibits to the Master Schedule, which Master Schedule remains in effect as modified by these changes to Exhibits 2 and 3.
- 8) PSE&G will take the lead on MGP AOCs located within and emanating from Site 114 under the LSRP program. See letter from PPG and PSE&G to Wayne Howitz, NJDEP, dated July 9, 2019 confirming same.

#### **GROUNDWATER NOTES:**

- 1) For purposes of this schedule, the Garfield Avenue Group Access date is assumed to be March 2017.
- 2) “N/A” means not applicable.

**Master Schedule for the NJ PPG Chrome Remediation Sites**

**(Exhibit 2/3)**

**Revision Date: July 30, 2021**

<b>Attachment 1 to Master Schedule for the NJ PPG Chrome Remediation Sites</b>			
<b>Revision Date: July [ ], 2021</b>			
<b>List of Sites Released from JCO/Transitioned to LSRP Program<sup>1</sup></b>			
<b>Group/Phase or Site</b>	<b>Property Description (Owner)</b>	<b>Date of Issuance of Consent Judgment Compliance Letter</b>	<b>Comments</b>
GA Group IRM #1 and Phases 1A, 1B, 1C, 2A, 2B-1, 2B-2, 2B-3, and 2B-4	Site 114 (JCRA/ Hampshire)	6/1/2020	An RAR Approval Letter was issued by the New Jersey Department of Environmental Protection ("NJDEP") on December 5, 2019 and a Consent Judgment Compliance Letter (as defined in the General Notes attached to this Master Schedule) (Restricted Use - Soil) was issued on June 1, 2020 for chromate chemical production waste ("CCPW"), CCPW-related metals, historic fill, former underground storage tanks, and other historic operations Areas of Concern ("AOCs") (114-1A, 114-3, 114-4A, 114-4B, and 114-5) at Site 114. As part of the approved remedy for Site 114 soils, deed notices were recorded in December 2019 with respect to all parcels constituting Site 114 and soil remedial action permits were issued on February 7, 2020. All of the referenced approvals exclude: (i) Soil AOC 114-1B (CCPW-impacted soils in portions of Grids A5B, A6B, A7B, and B7B within the Western Sliver), and (ii) manufactured gas plant ("MGP") related contaminants, which are being managed by PSE&G under NJDEP's Licensed Site Remediation Professional program. See Soil Note 8 attached to this Master Schedule regarding MGP contamination. Restoration was deemed complete for all of Site 114, except for the soil IRM #1 area where active groundwater remediation is being performed. Restoration of the soil IRM #1 area is on hold pending the referenced groundwater remediation activities.
GA Group Phase 3A	Site 132 (824 Garfield) (JCRA)	11/1/2019	An RAR Approval Letter was issued by NJDEP on June 27, 2019 and a Consent Judgment Compliance Letter (Unrestricted Use - Soil - for CCPW and CCPW-related metals) was issued on November 1, 2019 for AOC 132-1.
	Site 143 (846 Garfield) (PPG)	6/26/2020	An RAR Approval Letter was issued by NJDEP on September 30, 2019 and a Consent Judgment Compliance Letter (Unrestricted Use - Soil - for CCPW and CCPW-related metals) was issued on June 26, 2020 for AOC 143-1.
GA Group Phase 3B North (45 Halladay and a portion of 25 Halladay)	Site 137 North (PPG)	6/26/2020	An RAR Approval Letter was issued by NJDEP on September 30, 2019 and a Consent Judgment Compliance Letter (Unrestricted Use - Soil - for CCPW and CCPW-related metals) was issued on June 26, 2020 for AOC 137-1A. See Soil Note 8 regarding MGP contamination. The referenced approvals exclude MGP-related AOCs (AOC 137-2A).
GA Group Phase 3C	Halladay Street South (AOC HSS-1A) (Jersey City)	6/30/2020	An RAR Approval letter was issued by NJDEP on November 15, 2019 and a Consent Judgment Compliance Letter (Unrestricted Use - Soil - for CCPW and CCPW-related metals) was issued on June 30, 2020 for AOC HSS-1A. See Soil Note 8 regarding MGP contamination. The referenced approvals exclude MGP-related AOCs.
	Site 133 East (22-68 Halladay) (AOC 133E- 1A) (PPG)	3/24/2020	An RAR Approval letter for Site 133 East AOC 133E-1A was issued by NJDEP on October 11, 2019 and a Consent Judgment Compliance Letter (Unrestricted Use - Soil - for CCPW and CCPW-related metals) was issued on March 24, 2020 for AOC 133E-1A. See Soil Note 8 regarding MGP contamination. The referenced approvals exclude MGP-related AOCs (AOC 133E-2A).
	Site 135 North (Portion of 51-99 Pacific) (PPG)	1/15/2021	An RAR Approval Letter was issued by NJDEP for Site 135 AOC 135-1 on October 11, 2019. Antimony (a CCPW-related metal) associated with re-used fill materials remains at concentrations greater than the Residential Direct Contact Soil Remediation Standards and will be addressed by an engineering control (Clean Fill Soil Cap) and institutional control (deed notice). As part of the approved remedy for soils at this Site, a deed notice was recorded in June 2020 and a soil remedial action permit was issued on November 13, 2020. A Consent Judgment Compliance Letter (Restricted Use - Soil) was issued on January 15, 2021 for CCPW and CCPW-related metals for AOC-1 covering Site 135 North and Site 135 South.

<sup>1</sup> Pursuant to the MOU described in General Note 4 to this Master Schedule, the media, contaminants and AOCs referenced in the Consent Judgment Compliance Letters listed in this Attachment 1 were removed from jurisdiction pursuant to the JCO and the 2011 Consent Judgment and, in those situations involving Remedial Action Permits, were transitioned to the LSRP Program to implement the requirements of the Remedial Action Permits.

**Master Schedule for the NJ PPG Chrome Remediation Sites**

**(Exhibit 2/3)**

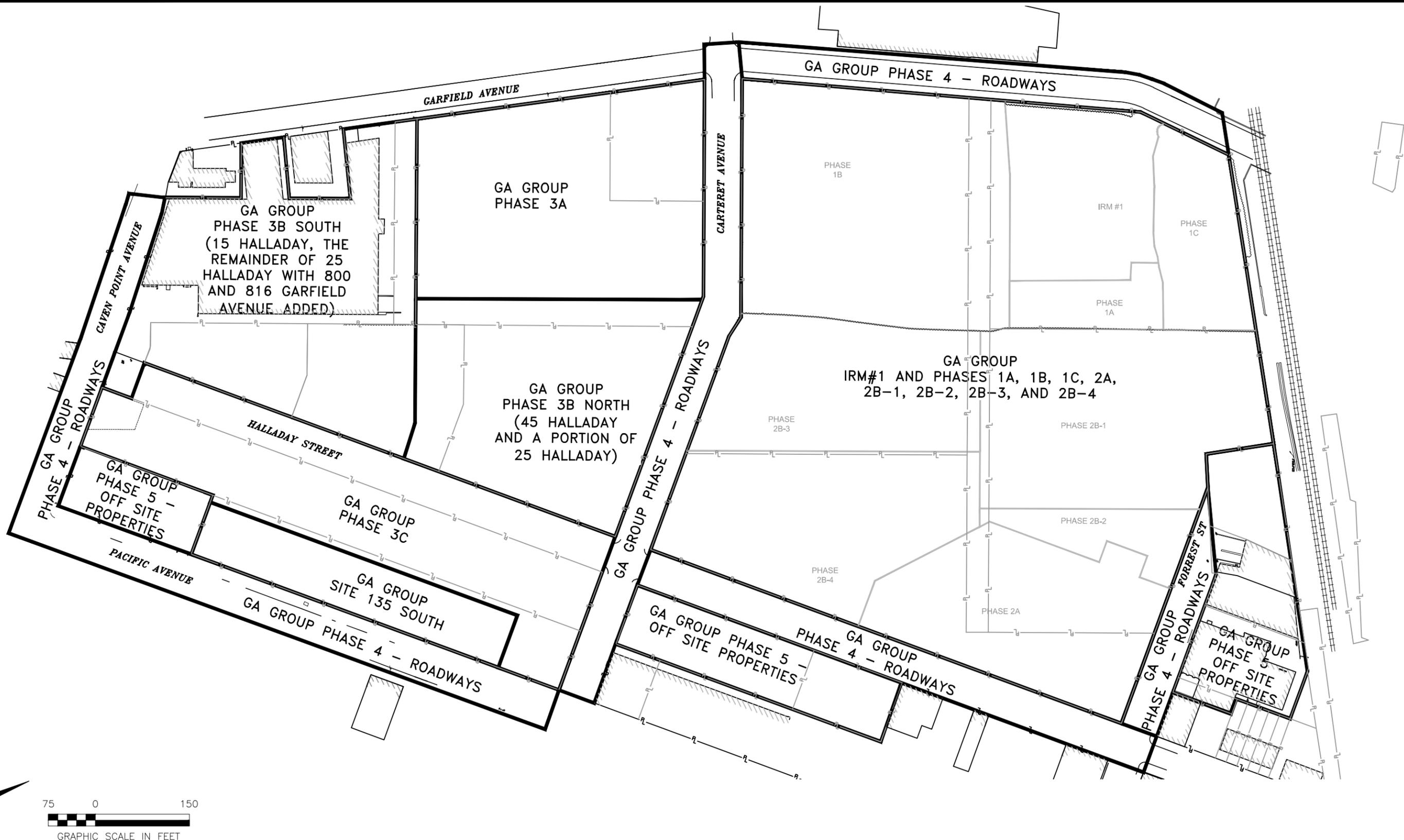
**Revision Date: July 30, 2021**

<b>Attachment 1 to Master Schedule for the NJ PPG Chrome Remediation Sites</b> <b>Revision Date: July [ ], 2021</b> <b>List of Sites Released from JCO/Transitioned to LSRP Program<sup>1</sup></b>			
Group/Phase or Site	Property Description (Owner)	Date of Issuance of Consent Judgment Compliance Letter	Comments
GA Group Site 135 South	Site 135 South (Remainder of 51-99 Pacific) (PPG)	1/15/2021	An RAR Approval Letter was issued by NJDEP for Site 135 AOC 135-1 on October 11, 2019. Antimony (a CCPW-related metal) associated with re-used fill materials remains at concentrations greater than the Residential Direct Contact Soil Remediation Standards and will be addressed by an engineering control (Clean Fill Soil Cap) and institutional control (deed notice). As part of the approved remedy for soils at this Site, a deed notice was recorded in June 2020 and a soil remedial action permit was issued on November 13, 2020. A Consent Judgment Compliance Letter (Restricted Use - Soil) was issued on January 15, 2021 for CCPW and CCPW-related metals for AOC-1 covering Site 135 North and Site 135 South.
GA Group Phase 5 Off Site Properties	Al Smith Moving (33 Pacific Avenue) (NJEDA c/o Al Smith Moving)	10/11/2019	An RAR Approval letter was issued by NJDEP on May 28, 2019 and a Consent Judgment Compliance Letter (Unrestricted Use – Soil - for CCPW and CCPW-related metals) was issued on October 11, 2019 for AOC ASM-1.
Site 63	Baldwin Oil (Nisan 12)	1/30/2018	An RAR Approval/Consent Judgment Compliance Letter (Unrestricted Use – Soil – for CCPW and CCPW-related metals) was issued by NJDEP on January 30, 2018.
Site 65	Burma Road/Morris Pesin Drive (Jersey City)	4/6/2020	PPG, the City of Jersey City, JCMUA and NJDEP entered into a Settlement Agreement dated January 9, 2018 with respect to this site. Pursuant to the Settlement Agreement, the remedy for this site consists of institutional and engineering controls. An RAR Approval Letter was issued by NJDEP on May 31, 2019, a Soil Remedial Action Permit was issued on March 9, 2020 and a Consent Judgment Compliance Letter (Restricted Use for CCPW and CCPW-related metals in soil) was issued on April 6, 2020. Pursuant to the Settlement Agreement, impacted groundwater at Site 65 was deemed to have emanated from Site 63; no action vis-à-vis groundwater was required for Site 65. Therefore, the April 6, 2020 Consent Judgment Compliance Letter approved an Unrestricted Use remedy for CCPW and CCPW-related metals in groundwater.
Site 156	Metro Towers (ALMA)	6/28/2019	An RAR Approval was issued by NJDEP on October 12, 2018 and a Consent Judgment Compliance Letter was issued on June 28, 2019 (Unrestricted Use) for: (1) Area of Concern 1 for CCPW and CCPW Related Metals Only in Soil Beyond AOC 3 Footprint, and (2) Area of Concern 2 for CCPW and CCPW-Related Metals Only in Groundwater.
Site 186	Garfield Avenue #1	7/14/2015	An RAR Approval letter was issued by NJDEP on April 16, 2014 and a Consent Judgment Compliance Letter (Unrestricted Use - Soil; Entire Site) for CCPW and CCPW-related metals in soil was issued July 15, 2015.
Site 16	45 Linden Ave. East (Etzion)	3/3/2021	An RAR Approval letter was issued by NJDEP on August 13, 2020 and a Consent Judgment Compliance Letter (Unrestricted Use) for CCPW and CCPW-related metals in exterior soils only (AOC-1) was issued on March 3, 2021.

**Master Schedule for the NJ PPG Chrome Remediation Sites**  
**(Exhibit 2/3)**  
**Revision Date: July 30, 2021**

**FIGURES 1 AND 2 ATTACHED**

Piscataway on uspsw2\fp001\Data\_uspsw2\fp001\Environment(J)  
 User: Amy.Krayer Plotted: Feb 05, 2020 - 1:33pm  
 File: P:\Jobs\Rem\_Eng\Project Files\PPG Industries\Garfield Avenue\30% Design\CADD\MEETING FIGURES\2020-02-05 GAG Vicinity Ref Figure.dwg Layout: FIGURE 1



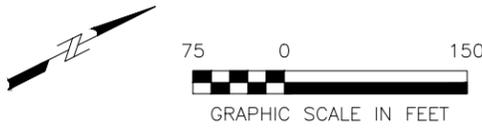
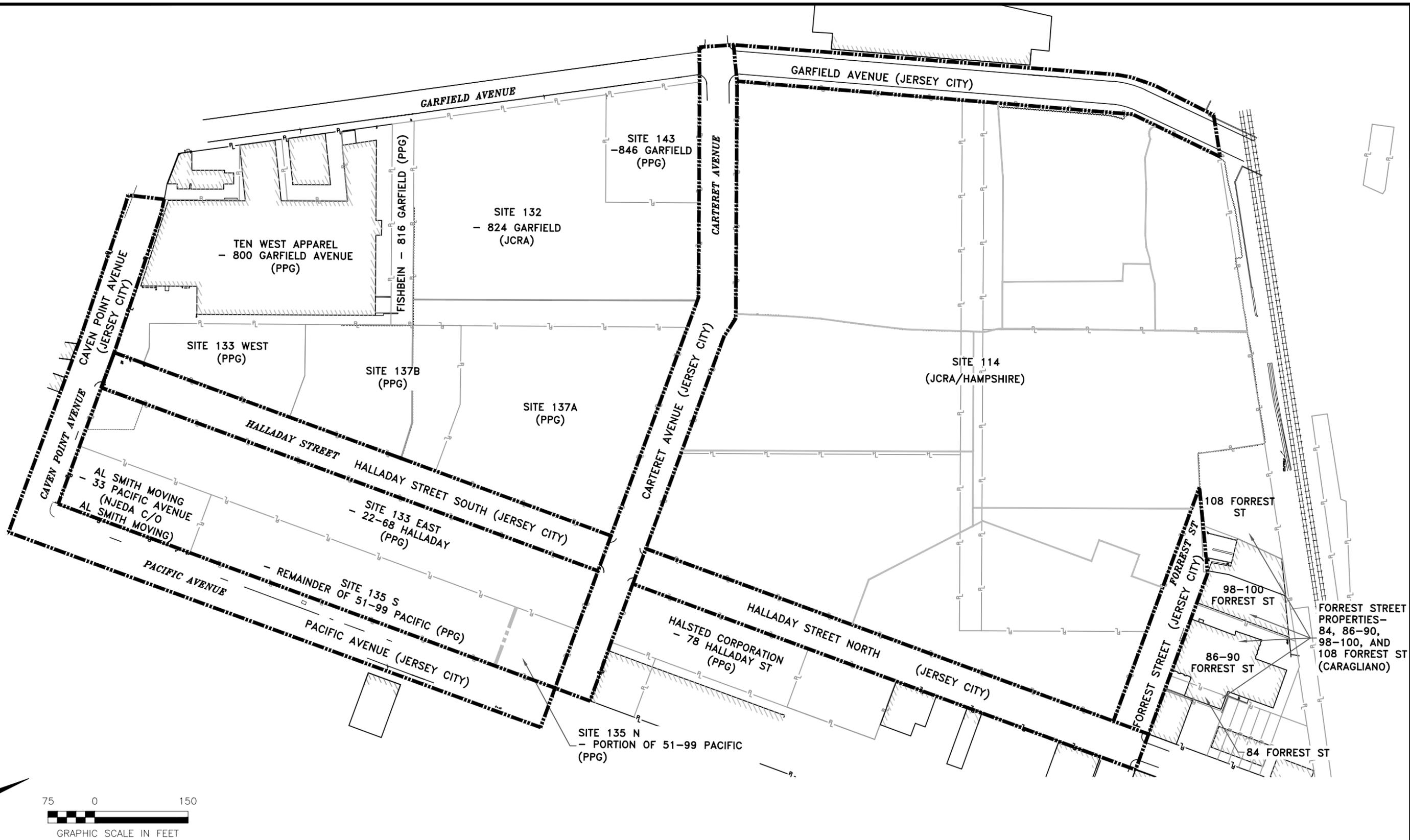
NOTES:

- FOR OFF SITE PROPERTIES AND ROADWAYS, PROPERTY LINES ARE ESTIMATED BASED ON TAX MAPS. LIMITS ARE INTENDED TO EXTEND TO ACTUAL PROPERTY LINES, TO BE CONFIRMED BY PROFESSIONAL SURVEY PRIOR TO START OF WORK.



PPG GARFIELD AVENUE GROUP JERSEY CITY, NEW JERSEY		<b>GROUP/PHASE OR SITE          PLAN</b>
DATE: 02/05/2020	DRWN: DCB	<b>FIGURE 1</b>

Piscataway on uspsw2\fp001\Data\_uspsw2\fp001\Environment(J)  
 User: Amy.Krayer Plotted: Feb 05, 2020 - 2:12pm  
 File: P:\Jobs\Rem\_Eng\Project Files\PPG Industries\Garfield Avenue\30% Design\CADD\MEETING FIGURES\2020-02-05 GAG Vicinity Ref Figure 2.dwg Layout: FIGURE 2



**LEGEND**  
 SITE DESCRIPTION  
 - ADDRESS  
 (OWNER)

**NOTES:**  
 1. FOR OFF SITE PROPERTIES AND ROADWAYS, PROPERTY LINES ARE ESTIMATED BASED ON TAX MAPS. LIMITS ARE INTENDED TO EXTEND TO ACTUAL PROPERTY LINES, TO BE CONFIRMED BY PROFESSIONAL SURVEY PRIOR TO START OF WORK.

PPG GARFIELD AVENUE GROUP JERSEY CITY, NEW JERSEY		<b>PROPERTY DESCRIPTION (OWNER)          PLAN</b>
DATE: 02/05/2020	DRWN: DCB	<b>FIGURE 2</b>



**ATTACHMENT 3**  
**PPG EMPLOYMENT REPORT**  
**(ATTACHED)**



T: 724.325.5070  
M: 412.235.8881  
E: [overmyer@ppg.com](mailto:overmyer@ppg.com)  
ppg.com

**Jody Overmyer**  
Senior Remediation Project Manager

July 29, 2021

Ronald Riccio (*Via Email [rriccio@mdmc-law.com](mailto:rriccio@mdmc-law.com)*)  
McElroy, Deutsch, Mulvaney & Carpenter, LLP  
One Hovchild Plaza  
4000 Route 66  
Tinton Falls, New Jersey 07753

Re: PPG New Jersey Chrome  
1Q21 Employment Report

Dear Mr. Riccio:

This report describes PPG's progress on the contracting and employment goals described in the Partial Consent Judgment filed on June 26, 2009 in compliance with the requirements of Paragraph 60 of the Order.

During the first quarter of 2021, 15 firms provided services, including environmental consultants, for on-site activities directly related to investigation and remediation of PPG's chromium sites. One of these firms (ENTACT) maintains a business presence in Jersey City. Note that ENTACT opened a Jersey City office January 2, 2018; ENTACT hours prior to this date do not count in the firms with operations in Jersey City total.

To date, firms with operations in Jersey City have provided 32% of the manpower employed on the project. Jersey City residents accounted for a total of 3,923 manhours or 30.6% of the manpower used on the project during the first quarter, and 304,956 manhours or 30.6% of the manpower used for the project to date. The calculation of progress toward the local hiring goal includes all on-site labor except consulting services and over-the-road truck drivers, as was previously agreed to by the Local Employment Goals Work Group.

Sincerely,

A handwritten signature in black ink that reads 'Jody Overmyer' followed by a small 'es' at the end.

Jody Overmyer

Ecc:

P. Amin  
P. Baker  
N. Colson  
D. Doyle  
R. Engel  
S. Faeth

R. Feinberg  
C. Fiore  
W. Howitz  
J. Lagrotteria  
D. Laguzza  
J. Ray

D. Spader  
N. Strasser  
M. Terril  
J. Worden

**PPG**  
**New Jersey Chrome Project**  
Garfield Avenue Group Sites  
Q1 2021 Local Employment Report  
July 29, 2021

	Borbas Surveying	ENTACT	Evoqua	G4S	Hager-Richter	Municipal Main	TPI	Totals
January	0	160	0	656	0	0	0	816
	22	320	582	840	33	30	4	1,831
February	0	160	0	509				669
	12	320	518	672				1,522
March		288	0	519				807
		736	833	671				2,240
April								0
								0
May								0
								0
June								0
								0
July								0
								0
August								0
								0
September								0
								0
October								0
								0
November								0
								0
December								0
								0
Totals:	0	608	0	1,683	0	0	0	2,291
	34	1,376	1,933	2,183	33	30	4	5,593

Note: Jersey City Contractors in Red

JC Resident Hours
Total Hours

Project to Date (All Sites)	Jersey City MH's	Total MH's	% Jersey City Residents
2009:	1,875	5,581	33.6%
2010:	11,808	30,181	39.1%
2011:	19,449	58,741	33.1%
2012:	18,685	73,753	25.3%
2013:	39,546	165,638	23.9%
2014:	62,951	204,031	30.9%
2015:	35,784	103,123	34.7%
2016:	25,046	64,783	38.7%
2017:	21,448	70,307	30.5%
2018:	25,378	86,644	29.3%
2019:	22,359	94,528	23.7%
2020	16,705	62,233	26.8%
2021	3,923	12,814	30.6%
Project Totals:	304,956	1,032,357	29.5%

**PPG**  
**New Jersey Chrome Project**  
 Non-Garfield Avenue Group Sites  
 Q1 2021 Local Employment Report  
 July 29, 2021

	Site 107 Fashionland		Site 174 Dennis Collins Park					457 Communipaw		Totals
	Emilcott	ENTACT	Emilcott	ENTACT	G4S	Ocean Surveys	Sklar Survey	Borbas	TPI	
January	0		0	220	408		0			628
	3		182	2,148	840		20			3,192
February	0	80	0	40	337	0		0	0	457
	42	350	61	360	672	25		6	8	1,524
March			4	192	351					547
			160	1,674	671					2,505
April										0
										0
May										0
										0
June										0
										0
July										0
										0
August										0
										0
September										0
										0
October										0
										0
November										0
										0
December										0
										0
<b>Totals:</b>	0	80	4	452	1,096	0	0	0	0	1,632
	45	350	403	4,182	2,183	25	20	6	8	7,221

Note: Jersey City Contractors in Red



T: 724.325.5070  
M: 412.235.8881  
E: [overmyer@ppg.com](mailto:overmyer@ppg.com)  
ppg.com

**Jody Overmyer**  
Senior Remediation Project Manager

July 29, 2021

Ronald Riccio (Via Email [rriccio@mdmc-law.com](mailto:rriccio@mdmc-law.com))  
McElroy, Deutsch, Mulvaney & Carpenter, LLP  
One Hovchild Plaza  
4000 Route 66  
Tinton Falls, New Jersey 07753

Re: PPG New Jersey Chrome  
2Q21 Employment Report

Dear Mr. Riccio:

This report describes PPG's progress on the contracting and employment goals described in the Partial Consent Judgment filed on June 26, 2009 in compliance with the requirements of Paragraph 60 of the Order.

During the second quarter of 2021, 17 firms provided services, including environmental consultants, for on-site activities directly related to investigation and remediation of PPG's chromium sites. One of these firms (ENTACT) maintains a business presence in Jersey City. Note that ENTACT opened a Jersey City office January 2, 2018; ENTACT hours prior to this date do not count in the firms with operations in Jersey City total.

To date, firms with operations in Jersey City have provided 31.7% of the manpower employed on the project. Jersey City residents accounted for a total of 3,035 manhours or 26.9% of the manpower used on the project during the second quarter, and 307,992 manhours or 28.9% of the manpower used for the project to date. The calculation of progress toward the local hiring goal includes all on-site labor except consulting services and over-the-road truck drivers, as was previously agreed to by the Local Employment Goals Work Group.

Sincerely,

A handwritten signature in black ink that reads 'Jody Overmyer' followed by a small 'es' at the end.

Jody Overmyer

Ecc:

P. Amin  
P. Baker  
N. Colson  
D. Doyle  
R. Engel  
S. Faeth

R. Feinberg  
C. Fiore  
W. Howitz  
J. Lagrotteria  
D. Laguzza  
J. Ray

D. Spader  
N. Strasser  
M. Terril  
J. Worden

**PPG**  
**New Jersey Chrome Project**  
Garfield Avenue Group Sites  
Q2 2021 Local Employment Report  
July 29, 2021

	Aquifer Drilling	Borbas Surveying	Code	Creamer	ENTACT	Evoqua	G4S	Hager-Richter	Municipal Main	TPI	Totals
January		0			160	0	656	0	0	0	816
		22			320	582	840	33	30	4	1,831
February		0			160	0	509				669
		12			320	518	672				1,522
March					288	0	519				807
					736	833	671				2,240
April		0				0	528				528
		110				863	672				1,644
May	0	0				0	640			0	640
	833	275				743	840			14	2,705
June	0	0	24	0		0	520	0	0	0	544
	2,011	210	86	80		647	672	28	90	12	3,835
July											0
											0
August											0
											0
September											0
											0
October											0
											0
November											0
											0
December											0
											0
<b>Totals:</b>	0	0	24	0	608	0	3,371	0	0	0	4,003
	2,844	628	86	80	1,376	4,186	4,367	61	120	30	13,777

Note: Jersey City Contractors in Red

JC Resident Hours
Total Hours

Project to Date (All Sites)	Jersey City MH's	Total MH's	% Jersey City Residents
2009:	1,875	5,581	33.6%
2010:	11,808	30,181	39.1%
2011:	19,449	58,741	33.1%
2012:	18,685	73,753	25.3%
2013:	39,546	165,638	23.9%
2014:	62,951	204,031	30.9%
2015:	35,784	103,123	34.7%
2016:	25,046	64,783	38.7%
2017:	21,448	70,307	30.5%
2018:	25,378	86,644	29.3%
2019:	22,359	94,528	23.7%
2020	16,705	62,233	26.8%
2021	6,959	24,078	28.9%
<b>Project Totals:</b>	<b>307,992</b>	<b>1,043,621</b>	<b>29.5%</b>

**PPG**  
**New Jersey Chrome Project**  
 Non-Garfield Avenue Group Sites  
 Q2 2021 Local Employment Report  
 July 29, 2021

	Site 63	Site 107 Fashionland			Site 174 Dennis Collins Park					457 Communipaw		Totals
	EPI	Emilcott	ENTACT	SGS	Emilcott	ENTACT	G4S	Ocean Surveys	Sklar Survey	Borbas	TPI	
January		0			0	220	408		0			628
		3			182	2,148	840		20			3,192
February		0	80		0	40	337	0		0	0	457
		42	350		61	360	672	25		6	8	1,524
March					4	192	351					547
					160	1,674	671					2,505
April					0	76	454		0			530
					17	658	672		24			1,370
May	0						441					441
	16						840					856
June				0			352					352
				182			672					854
July												0
												0
August												0
												0
September												0
												0
October												0
												0
November												0
												0
December												0
												0
<b>Totals:</b>	0	0	80	0	4	528	2,343	0	0	0	0	2,955
	16	45	350	182	419	4,840	4,367	25	44	6	8	10,301

Note: Jersey City Contractors in Red