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March 5, 2020

**VIA FEDERAL EXPRESS AND EMAIL**

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

Re: **PROGRESS REPORT (August 1, 2019 through the date of this Report): 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. This Report covers the period August 1, 2019 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 eighth Progress Report. The prior Progress Reports are dated July 29, 2016, January 27, 2017, July 28, 2017, January 30, 2018, July 31, 2018, January 24, 2019 and July 31, 2019.

In addition to serving as Site Administrator, I am also a Court-appointed Mediator pursuant to the February 22, 2016 “Order Referring Third-Party Complaint and Referring Certain Matters to Mediation and Entering Stay” (the “Mediation Order”). A summary of the progress of the Mediation is included in this Progress Report.

**I. Technical Disputes and Potential Project Delays/New Master Schedule**

A copy of the most recent version of the Master Schedule dated March 5, 2020 is set forth at Attachment 2. There are certain Master Schedule milestones that are currently in

flux resulting from, in some instances, issues beyond the control of PPG, but in other instances, resulting from technical disagreements among PPG, the New Jersey Department of Environmental Protection (“NJDEP”), the City, my office and my Independent Technical Consultant. Here is a summary of these current disputes/potential project delays.

Ten West Apparel Property (800 Garfield Avenue, Jersey City): Pursuant to a court-ordered settlement agreement dated as of February 2, 2018 between PPG, Mid-Newark, L.P. and Ten West Apparel, Inc. (“Ten West”), Ten West was required to vacate the property on or prior to March 2, 2020. Ten West filed a motion with the Court on January 28, 2020 to extend the vacation date from March 2, 2020 until June 30, 2020. On February 28, 2020, the Court entered an Order extending the vacation date until April 17, 2020. It is currently not known whether Ten West will comply with the Court’s Order, whether it will appeal the Court’s decision or what impact this will have on the Master Schedule (Attachment 2) requirement that PPG commence excavation at the property in November 2020.

Groundwater Remedial Investigation at the GAG Sites<sup>1</sup>: After numerous technical meetings among PPG, NJDEP and the other JCO Parties<sup>2</sup> regarding the vertical delineation of the groundwater contaminant impacts at the GAG Sites, agreement was finally reached in February 2020 that calls for PPG to install 18 groundwater monitoring wells in the deep water bearing zones at specified locations at the GAG Sites. Technical agreement has not been reached, however, on the quality and quantity of data to be collected during the installation of these wells. I am hopeful that a technical meeting of the minds can be reached, but I wanted to make Your Honor aware of this issue in the event it results in proceedings before the Court.

Site 107 (18 Chapel Avenue, Jersey City): PPG has completed excavation and backfilling of a large portion of this site, with the exception of one area in the northwest corner of the site. PPG and NJDEP are in a technical dispute regarding the methodology for sampling and remediation of this area. I have been personally involved in attempts to resolve this dispute. If the issues are not resolved, this dispute may result in proceedings before Your Honor. I am continuing my efforts to resolve this dispute.

## **II. Remediation Progress**

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.” These terms are referenced throughout this Progress Report in order to describe work activities in each of these areas.

### **A. Remediation of the GAG Sites**

#### **Soil Remediation:**

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

<sup>2</sup> For the purpose of this Progress Report, the “JCO Parties” include PPG, NJDEP, the City of Jersey City and the Site Administrator.

Site 114 Approval: One of the most significant 2019 achievements at the GAG Sites was the NJDEP approval of the soil remedy for Site 114. Site 114 is the former location of PPG's chromium processing plant. The NJDEP approval means that the soils located within Site 114 that were impacted by chromium and other contaminants have been remediated in compliance with all NJDEP requirements and that the remediation efforts have been fully documented by PPG and its consultants<sup>3</sup>. The soils approval for Site 114 is significant because this site is the focus of redevelopment efforts by the designated redeveloper for this site and other properties located within the Canal Crossing Redevelopment Area. While groundwater remediation efforts continue at Site 114 (more on this below), the completion of the soil remediation activities related to chromium and other metals is a major step toward facilitating the redevelopment of Site 114.

Other GAG Site Approvals: NJDEP soil remediation approvals were also issued in 2019 for the following GAG Sites relative to specified Areas of Concern: Site 137 North and Site 143, Site 133 East and Site 135 South, and Site 132. (These sites are depicted in the figures attached to the Master Schedule). All of this represents significant progress.

#### Groundwater Remediation:

This summer PPG is expected to begin the second of a three-phase interim plan to clean up groundwater contamination in and near the GAG Sites. PPG has installed the infrastructure for approximately 190 wells that will pump, treat and monitor groundwater in areas north and east of the first phase of the interim plan. The phase two wells will extract groundwater from depths ranging from 20 to 65 feet below ground surface. The water will then be conveyed to a new treatment plant being installed near an existing treatment plant south of Carteret Avenue. Operation of the second phase is anticipated to commence in June 2020. The second phase of the groundwater plan will include approximately one year of treatment and up to two years of post-cleanup monitoring.

#### B. Remediation of the GAG Roadways:

Halladay Street North: PPG commenced excavation in Halladay Street North in January 2020, ahead of the March 2020 Excavation Start milestone established in the Master Schedule provided with my July 31, 2019 Progress Report to the Court. PPG anticipates completing the excavation work in about 4 months.

Forrest Street Roadway: On November 15, 2019, NJDEP issued a conditional approval letter with respect to the soils remediation documentation submitted by PPG for this roadway. The primary pre-condition to full approval is the written consent or full execution by the City of documentation relative to certain use restrictions that are required for this roadway.

Garfield Avenue: The JCO Parties have agreed conceptually to the remedial approach for this roadway. Final documentation of the remedy awaits the transfer to the City of a small

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<sup>3</sup> Manufactured gas plant ("MGP") contaminants in soil and groundwater located in Site 114 and any other areas are being addressed by Public Service Electric and Gas Company.

strip of land that is currently part of Site 114. The remedial documentation will be submitted once the property boundaries are finalized.

Carteret Avenue: The excavation of chromium impacts in this roadway commenced on June 3, 2019 and was completed by PPG ahead of schedule on January 15, 2020. This was a very complicated remediation project given, among other things, the presence of a 96” sewer pipe located in this roadway and the precautions required to ensure that the pipe was not damaged during the remediation work.

Pacific Avenue/Caven Point Avenue: Chromium impacts were discovered in portions of these roadways. PPG made a submittal to the JCO Parties in December 2019 that is currently under review, which documents the delineation of impacts in this roadway and the proposed remedial approach, which calls for a restricted use remedy consisting of engineering controls (existing asphalt cap) and institutional controls (notice in lieu of deed notice).

#### C. Remediation of the GAG Offsite Properties

Former Halsted Corporation Property (78 Halladay Street): The bulk of the contaminated soil at this site has been removed and the site was restored as of October 2018. Remediation of residual chromium impacted soils on the western boundary of this site will take place during the remediation of Halladay Street North. Chromium impacts that cannot be removed along the eastern boundary of this site may be addressed via a restricted use remedy.

Forrest Street Properties: The soil contamination at this property is being handled under two separate remedial 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. A conditional approval of the remedial approach for the exterior portions of the building structures was issued by NJDEP on November 15, 2019. The JCO Parties were advised by the property owner on February 11, 2020 that it was in agreement with the proposed remedy for impacts under the building structures. On February 19, 2020, NJDEP issued an approval for PPG’s remedial approach for these portions of the properties. PPG will now submit the final version of a remedial action work plan for the impacts under the building structures.

#### D. 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 located in one of the towers. PPG and NJDEP are considering an approach for the boiler room floor and soils beneath the floor that would involve continued regular inspections of the floor coupled with a deed restriction. PPG intends to make a submittal in March 2020 that will document the proposed remedy for the boiler room.

Site 16, Linden Avenue East: I am actively involved in overseeing 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. Soils exterior to the building have been remediated.

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 impacted groundwater at this site, including Site 65.<sup>4</sup> PPG made a submittal in January 2020, which calls for the establishment of a classification exception area/well restriction<sup>5</sup> area and a groundwater remedial action permit as the remedial action for the groundwater at these sites.

Sites 107, Site 108 and the Conrail Property: As noted above in Section I, PPG and NJDEP are in dispute as to the methodology for sampling and remediation of a portion of Site 107.

Site 174 – Portion of Dennis Collins Park (Bayonne): In June 2019, PPG and the City of Bayonne executed a Memorandum of Understanding addressing the coordination of the City's redevelopment of the Park with the installation by PPG of a 2 ft. clean soil cap and other required engineering controls for the remediation of soils. I am pleased to report that PPG commenced the capping and other work in January 2020 and, based upon its current schedule, anticipates completing its field activities in May-June 2020.

457 Communipaw Avenue: Chromium impacts exist not only on 457 Communipaw Avenue (privately owned), but also on several parcels owned by the Jersey City Redevelopment Authority ("JCRA"). A portion of the entrance to Berry Lane Park from Communipaw Avenue has been fully remediated. PPG commenced remedial investigation (delineation) activities at this site in March 2019 and those activities continue. Access agreements with affected property owners have expired and are currently being negotiated. The new Master Schedule calls for PPG to complete its remedial investigation work at this site and submit a final report of its remedial investigation efforts by June 2021.

### **III. Mediation Proceedings**

Below is the status of the two matters that I have or am currently mediating.

A. Infrastructure Reimbursement Agreement. I have been involved in mediating an agreement among PPG, JCRA and the City of Jersey City to provide reimbursement by PPG for costs in connection with the replacement of City/JCRA infrastructure damaged or removed during PPG remediation activities at the GAG sites. I am pleased to report that the parties entered into a final agreement dated October 31, 2019 resolving all issues. This aspect of the mediation is successfully concluded.

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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) will be deemed to have emanated from Site 63. Therefore, no action vis-à-vis groundwater is required for Site 65.

<sup>5</sup> A "classification exception area/well restriction area" is an administrative and institutional control to address groundwater contamination.

B. Issues Between Hampshire and PPG. My last Progress Report provides the backdrop for the issues that have arisen between PPG and Hampshire over, among other things, the coordination of the completion of remediation by PPG at the GAG sites and the commencement of redevelopment by Hampshire. Since my last Progress Report, numerous meetings and conference calls have been held to address these issues. The parties plan to have regular communications focused upon coordinating the remediation and redevelopment activities. Despite the complicated issues, I remain optimistic that the parties will come to an amicable resolution. This aspect of the mediation continues.

## **V. 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. 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 will be posted to the web site. All prior Progress Reports are also posted on the web site.

Newsletter: A newsletter summarizing the status of activities at the PPG chromium sites will be published in the coming months. Historically, we have published a newsletter at least once per year which is widely distributed throughout the community.

Public Meetings: I plan to appear at another public meeting in 2020. The date and other specifics have not as yet been determined.

PPG Employment Report: Attached is PPG's 4Q 2019 Employment Report 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 dated March 5, 2020 with figures/maps
- **Attachment 3**: PPG 4Q 2019 Employment Report

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 the area of the intersection 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: March 5, 2020**

**SOILS - GARFIELD AVENUE SITES**

Group/Phase or Site (See Figure 1 attached)	Property Description (Owner) (See Figure 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 IRM #1 and Phases 1A, 1B, 1C, 2A, 2B-1, 2B-2, 2B-3, and 2B-4	Site 114 (JCRA/Hampshire)	Access Complete	12/31/2013	11/24/2014	1/21/2015	1/31/2018 (see Comments)	10/31/2019	<p>An RAR Determination letter and an RAR Conditional Approval letter were issued by the New Jersey Department of Environmental Protection ("NJDEP") on October 31, 2019 for chromate chemical production waste ("CCPW"), CCPW-related constituents, 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. With the approval and consent of all interested parties, deed notices (required as part of the approved remedy for Site 114 soils) were recorded in December 2019 with respect to all parcels constituting Site 114. On December 5, 2019, the final RAR Approval letter was issued by NJDEP. On January 17, 2020, PPG applied to NJDEP for a soil remedial action permit for Site 114 soils (excluding manufactured gas plant ("MGP") related contaminants). See Soil Note 8 regarding MGP contamination. The referenced RAR Determination excludes MGP-related AOCs.</p> <p>Limited CCPW-related impacts (AOC 114-1B) remain in a narrow strip of the western boundary of Site 114 (parallel to the eastern boundary of Garfield Avenue) referred to as the "Western Sliver" area. The owner of this portion of Site 114 has agreed to transfer title to the City of a strip of land, including the Western Sliver area, thereby making the Western Sliver area part of the Garfield Avenue roadway. Establishment of this strip of land as a roadway would mean that it would be addressed by a restricted-use remedial approach. Establishment of this strip of land as a roadway is consistent with the Canal Crossing Redevelopment Plan, which calls for the widening of Garfield Avenue in this area. The CCPW-related impacts in the Western Sliver area will be incorporated into the remediation submittals for the Garfield Avenue roadway. See Garfield Avenue Roadway discussion below.</p> <p>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.</p>
GA Group Phase 3A	Site 132 (824 Garfield) (JCRA)	Access no longer required; Remediation Complete	3/4/2014	9/5/2014	5/15/2015	1/31/2018	6/27/2019	All CCPW has been excavated and the Site restored. An RAR Determination/Approval letter for AOC 132-1 was issued on 6/27/2019 and a Consent Judgment Compliance Letter (as defined in the General Notes below) was issued on 11/1/2019.
	Site 143 (846 Garfield) (PPG)	PPG Owned	3/4/2014	9/5/2014	5/15/2015	1/31/2018	9/30/2019	All CCPW has been excavated and the Site has been restored. An RAR Determination/Approval letter for AOC 143-1 was issued on September 30, 2019.
GA Group Phase 3B North (45 Halladay and a portion of 25 Halladay)	Site 137 North (PPG)	PPG Owned	7/9/2014	5/15/2015	8/3/2015	1/31/2018	9/30/2019	All CCPW has been excavated and the Site has been restored. An RAR Determination/Approval letter for AOC 137-1A was issued on September 30, 2019. See Soil Note 8 regarding MGP contamination. The RAR Determination excludes MGP-related AOCs.
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	April 2021	June 2021	July 2021	September 2022	<p>PPG has excavated a portion of these Sites. The remaining portions of the planned excavation at these Sites was deferred until Ten West Apparel vacates 800 Garfield Avenue and will be included with the Ten West Apparel and Fishbein excavation.</p> <p>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.</p>
	Fishbein (816 Garfield Avenue) (PPG)	PPG Owned	November 2020	April 2021	June 2021	July 2021	September 2022	<p>Pursuant to the terms of a Court-ordered settlement agreement dated as of February 2, 2018 between PPG, Mid-Newark, L.P. and Ten West Apparel, Inc. ("Ten West"), Ten West was required to vacate the property on or prior to March 2, 2020. Ten West filed a motion with the Court on January 28, 2020 to extend the vacation date from March 2, 2020 until June 30, 2020. On February 28, 2020, the Court entered an Order extending the vacation date until April 17, 2020.</p>
	Ten West Apparel (800 Garfield Avenue) (PPG)	PPG Owned						<p>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.</p>

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

**(Exhibit 2/3)**

**Revision Date: March 5, 2020**

**SOILS - GARFIELD AVENUE SITES**

Group/Phase or Site (See Figure 1 attached)	Property Description (Owner) (See Figure 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 3C	Halladay Street South (Jersey City)	Road Closure In Place	4/21/2015	10/22/2015 (See Comments)	7/29/2016 (See Comments)	1/31/2018 (See comments)	5/2/2019	PPG completed excavation, backfilling and restoration in Halladay Street South with the exception of grids adjacent to Ten West Apparel; those grids will be excavated, backfilled, and restored in connection with the Ten West Apparel remediation activities consistent with the Ten West Apparel Master Schedule milestones. All CCPW has been excavated (except the grids noted above) and the Site has been restored. An RAR Determination letter for AOC HSS-1A was issued on May 2, 2019. An RAR Approval letter was issued on November 15, 2019. See Soil Note 8 regarding MGP contamination. The RAR Determination excludes MGP-related AOCs.
	Site 133 East (22-68 Halladay) (PPG)	PPG Owned	4/21/2015	10/22/2015 (See Comments)	7/29/2016 (See Comments)	1/31/2018 (See comments)	10/11/2019	PPG completed excavation, backfilling and restoration in these areas with the exception of grids in Site 133 East adjacent to Ten West Apparel; those grids will be excavated, backfilled, and restored in connection with the Ten West Apparel remediation activities consistent with the Ten West Apparel Master Schedule milestones.
	Site 135 North (Portion of 51-99 Pacific) (PPG)	PPG Owned	2/23/2016	5/25/2016	7/29/2016	1/31/2018		All CCPW has been excavated (except the grids noted above) and the Site has been restored. An RAR Determination/Approval letter for Site 133 East AOC 133E-1A and for Site 135 AOC 135-1 was issued on October 11, 2019. See Soil Note 8 regarding MGP contamination. The RAR Determination excludes MGP-related AOCs.
GA Group Site 135 South	Site 135 South (Remainder of 51-99 Pacific) (PPG)	PPG Owned	3/16/2016	8/23/2016 (See Comments)	12/29/2016 (See Comments)	1/31/2018	10/11/2019	All CCPW has been excavated and the Site has been restored. An RAR Determination/Approval letter for AOC 135-1 was issued on October 11, 2019.
	Halsted Corporation (78 Halladay St) (PPG)	PPG Owned	5/7/2018	8/10/2018 (See Comments)	8/24/2018 (See Comments)	10/4/2018 (See Comments)	December 2021 (See Comments)	Excavation, backfilling, and restoration of this site have been completed with the exception of: (i) residual impacted soils along the eastern boundary of the site, which will remain in order to protect building structures located on adjacent properties; remedial excavation of this eastern area will be deferred pending access to the impacted soil, and (ii) residual impacted soils along the western boundary of the site which will be addressed concurrently with the Halladay Street North remediation. The RAR for the Halsted site will be finalized upon completion of the excavation and backfilling of the impacted soils that remain on the western boundary. Chromium impacts that cannot be removed along the eastern boundary of the site may be addressed via a restricted use remedy. See Soil Note 8 regarding MGP contamination. This property 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 as to the need for a capillary break at this Site.
GA Group Phase 5 Off Site Properties	Forrest Street Properties 108 Forrest St (Caragliano)	Access complete	3/27/2017	7/19/2017	8/9/2017	5/2/2018	10/29/2019	PPG, NJDEP and the property owner reached a conceptual understanding regarding a remedial approach for 108 Forrest Street that called for the excavation and backfilling of impacted soils for the majority of the property, and a restricted use remedy adjacent to the 100 Forrest Street 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; the RAR Determination excludes MGP-related AOCs.

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

**(Exhibit 2/3)**

**Revision Date: March 5, 2020**

**SOILS - GARFIELD AVENUE SITES**

Group/Phase or Site (See Figure 1 attached)	Property Description (Owner) (See Figure 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 5 Off Site Properties (continued)	Forrest Street Properties 84, 86-90, and 98-100 Forrest St (Caragliano)	Access complete	See Comments	See Comments	See Comments	See Comments	See Comments	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. PPG will propose schedule milestones for implementation of the RAWP within three months of the referenced NJDEP approval; the new milestones will be included in the next update to the Master Schedule.  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; the RAR Determination date will exclude MGP-related AOCs.
	Al Smith Moving (33 Pacific Avenue) (NJEDA c/o Al Smith Moving)	Access no longer required; Remediation Complete	8/16/2017	1/8/2018	1/26/2018	2/15/2018	5/28/2019	All CCPW has been excavated and the Site restored. An RAR Determination/Approval letter for soils was issued on May 28, 2019 and a Consent Judgment Compliance Letter for soils AOC ASM-1 was issued on October 11, 2019.
	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.
GA Group Phase 4 Roadways	Carteret Avenue (Jersey City)	Road Closure in Place	6/3/2019	1/15/2020	2/7/2020	June 2020 (See Comments)	August 2021	See Soil Note 8 regarding MGP contamination.  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. Therefore, a separate determination must be made by the Department prior to the Restoration Complete milestone as to the need for a capillary break at this Site.
	Halladay Street North (Jersey City)	Road Closure in Place	1/16/2020	July 2020	September 2020	October 2020	December 2021	During the excavation of Halladay Street North, residual contamination on the western boundary of the Halsted Corporation site will be addressed.  See Soil Note 8 regarding MGP contamination.  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. Therefore, a separate determination must be made by the Department prior to Restoration Complete as to the need for a capillary break at this Site.
	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. On November 15, 2019, NJDEP issued an RAR Conditional Approval letter. The primary condition to full approval is the written consent or full execution by the City of the Notice in Lieu of Deed Notice for this roadway.  PPG will conduct remedial excavation of the remaining impacts in the roadway in the event the Forrest Street Properties buildings are demolished and the remaining impacted materials become accessible. 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. The RAR Determination date excludes MGP-related AOCs.
	Garfield Avenue (Jersey City)	See Comments	(See Comments)	(See Comments)	(See Comments)	(See Comments)	June 2021	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.  PPG, the City and Hampshire have agreed that a narrow strip of the western boundary of Site 114 (parallel to the eastern boundary of Garfield Avenue), including the "Western Sliver" area, will be subdivided and deeded from the property owner to the City. Establishment of this strip of land as a roadway will mean that remaining chromium impacts in a portion of Site 114 referred to as the "Western Sliver" area will be addressed by the restricted use remedy being used for the balance of Garfield Avenue. Establishment of this strip of land as part of the Garfield Avenue roadway is consistent with the Canal Crossing Redevelopment Plan, which calls for the widening of Garfield Avenue. Submittal of the RAR for Garfield Avenue is on hold pending the land transfer mentioned herein. The RAR Determination milestone assumes that details of the land transfer will be determined by March 2020.

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

**(Exhibit 2/3)**

**Revision Date: March 5, 2020**

**SOILS - GARFIELD AVENUE SITES**

Group/Phase or Site (See Figure 1 attached)	Property Description (Owner) (See Figure 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
	Pacific Avenue/ Caven Point Avenue	See Comments	See Comments	See Comments	See Comments	See Comments	June 2021	Hexavalent chromium impacts were discovered in portions of these roadways. PPG submitted an RIR/RAWP for soils in these roadways on December 31, 2019. 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).  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 will be made as part of NJDEP's review of this submittal.

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

**(Exhibit 2/3)**

**Revision Date: March 5, 2020**

**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. PPG and the property owner are in negotiations regarding the remedy for the 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 63	Baldwin Oil (Nisan 12)	Access agreement in place	4/28/2014	5/19/2015	5/19/2015	6/13/2015	4/27/2017	All CCPW has been excavated and the Site has been restored. A Consent Judgment Compliance Letter with respect to soils CCPW and CCPW-related metals only was issued by NJDEP on January 30, 2018.
Site 65	Burma Road/Morris Pesin Drive (Jersey City)	See Comments	4/28/2014	See Comments	See Comments	See Comments	5/31/2019	PPG, the 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 Determination/Approval letter was issued on 5/31/19. A Remedial Action Permit application was submitted to NJDEP by PPG on January 8, 2020 and the permit is pending for soils in these roadways.
Site 107	Fashionland (Site 107 – Ancam, LLC, aka EMI)	107 - Access agreement in place	6/13/2018	See Comments	See Comments	See Comments	See Comments	PPG has completed excavation and backfilling of a large portion of this site, with the exception of one area in the northwest corner of the site. PPG and NJDEP are in dispute regarding the path forward for this area. Therefore, milestones for further remediation of this area are on hold.
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	A restricted-use remedy is anticipated for the Conrail property adjacent to Site 107 and Site 108 based on the discovery of CCPW along the limits of excavation established by Conrail to protect the rail infrastructure. As a result, the Conrail property will be addressed as a separate AOC from the remainder of Site 107 and Site 108 soils. Separating the Conrail property into a separate AOC will allow the RAR Determination dates for Site 107 and Site 108 soils to be achieved independent of the Conrail RAR Determination. PPG will submit a Gantt chart by April 2020. Milestones will be established in the next update of the Master Schedule.
Site 108	Albanil Dyestuff (Site 108 - American Self Storage Liberte, LLC)	Access agreement in place; will require amendment	6/13/2018	See Comments	See Comments	See Comments	See Comments	The approved Remedial Investigation Report for Site 108 had indicated that the “hotspot” contaminated area on Site 108 was presumed to have emanated from Site 107, and required that remedial action at Site 108 would be performed as part of the Site 107 remedial action. The extent of impacts at Site 108 was more extensive than had been anticipated. PPG will submit a Gantt chart by April 2020. Milestones will be included in the next update of the Master Schedule.
Site 156	Metro Towers (ALMA)	Access agreement in place	3/18/2013	5/23/2014	5/30/2014	6/30/2014	Soils Area of Concern: 10/12/2018	A Consent Judgment Compliance Letter for CCPW and CCPW-related metals only in soil beyond AOC 3 (Boiler Room) footprint (AOC 1) and CCPW and CCPW-related metals only in groundwater (AOC 2) was issued on June 28, 2019.
							Boiler Room: See Comments	PPG and NJDEP are considering an approach for the boiler room floor that would involve continued regular inspections of the boiler room coupled with a deed restriction. PPG intends to submit a combined RIR/RAWP/RAR in March 2020 for the Boiler Room.
Site 174	Dennis Collins Park (City of Bayonne)	Access agreement in Place (See Comments)	4/8/2013	9/30/2016	9/30/2016	May 2020 (See Comments)	July 2021	In 2016, PPG completed focused excavation, backfilling, and restoration of portions of the Park. 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 have negotiated an access agreement that incorporates Green Acres requirements for implementation of the final remedy. PPG commenced the installation of the cap and other required work in January 2020. The PPG work area has been enclosed by fencing and that portion of the Park will remain closed during the work, which is anticipated to be completed in May 2020.
Site 186	Garfield Avenue #1	Access no longer required; Remediation Complete	8/19/2013	11/1/2013	11/1/2013	11/20/2013	4/16/2014	All CCPW has been excavated and the Site restored. A Consent Judgment Compliance Letter for CCPW and CCPW-related metals in soil was issued July 15, 2015.

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

**(Exhibit 2/3)**

**Revision Date: March 5, 2020**

**SOILS – NON-GARFIELD AVENUE SITES**

457 Communipaw	457 Communipaw Right-of-Way (285 Lincoln Avenue, LLC)	See Comments	During the investigation of this site, it was determined that CCPW impacts exist on 457 Communipaw Avenue (privately owned), but also on several parcels owned by the Jersey City Redevelopment Authority ("JCRA"). A portion of the entrance to Berry Lane Park from Communipaw Avenue has been fully remediated. A site investigation was performed in 2017 at 457 Communipaw Avenue. 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. Access agreements with affected property owners have expired and are currently being renegotiated. PPG shall submit an RIR by June 2021 assuming access is obtained by April 2020.					
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**Master Schedule for the NJ PPG Chrome Remediation Sites**

**(Exhibit 2/3)**

**Revision Date: March 5, 2020**

**GROUNDWATER**

GA GROUP GROUNDWATER MILESTONES							
Group/Phase or Site	Property Description (Owner)	IRM/RI Start	IRM Performance Monitoring Complete	Remedial Investigation Report Submitted	Remedial Action Work Plan Submitted	Remedial Action Report Submitted	Comments
GW IRM Phase I	Site 114 (JCRA/Hampshire)	12/29/2017	See Comments	N/A	N/A	N/A	The IRM was designed to extract ground water from the areas of highest Cr concentration in the northern portion of Site 114 and make use of the treated water to support bio-precipitation in the southern portion of Site 114. For more detail, see "Groundwater Interim Remedial Measure: Phase I Design and Permit-by-Rule Authorization Request" dated June 2017, as amended. The IRM Phase I activities also include active remediation within the shallow zone groundwater to address localized exceedances of the groundwater quality standards. Phase I of the IRM called for approximately one year of active treatment (although it is still in operation) and up to two years of performance monitoring after the Phase I active treatment is complete. The JCO Parties have agreed to ongoing dialogue and collaboration around IRM performance that may result in a revisiting of the post-remediation monitoring timeframes. Quarterly reporting on the progress of the IRM has been provided by PPG.
GW IRM Phase II	Site 114 (JCRA/Hampshire)	May 2020	July 2023	N/A	N/A	N/A	Conceptually, Phase II of the IRM will implement bio-precipitation in the intermediate and upper portion of the deep water-bearing zones, with the same considerations as noted above for Phase I. For more detail, see "Groundwater Interim Remedial Measure: Phase II Design and Permit-by-Rule Authorization Request" dated February 2019. As of January 2020, PPG has installed all of the groundwater injection wells and extraction wells, and has substantially installed piping and other infrastructure needed for the Phase II program. Phase II of the IRM calls for approximately one year (or up to 14 months) of active treatment and up to two years of performance monitoring after the Phase II active treatment is complete. The JCO Parties have agreed to ongoing dialogue and collaboration around IRM performance that may result in a revisiting of the post-remediation monitoring timeframes. PPG will report quarterly on the progress of the IRM.
GW IRM Phase III	South of Carteret (PPG & JCRA)	June 2021	August 2024	N/A	N/A	N/A	Phase III is contingent on PPG Management approval. Conceptually, Phase III of the IRM will address the area south of Carteret Avenue, with the same considerations as noted above for Phase I and Phase II.
GW IRM Phase IV	Other Adjacent Properties	TBD	TBD	N/A	N/A	N/A	Phase IV (if warranted) is contingent on PPG Management approval. Adjacent properties may include but are not limited to roadways adjacent to the GAG Sites (i.e., Forrest Street, Halladay Street, Carteret Avenue and Garfield Avenue), the Forrest Street Properties, the former Halsted Corporation property and the Ten West Apparel property. Other properties/roadways may be identified by the ongoing groundwater remedial investigation. Milestone dates will need to be established at an appropriate point in the future based on information generated by the remedial investigation.
Remedial Investigation	Entire Site Group	N/A	N/A	10/01/2018 (See Comments)	N/A	N/A	The RIR must address shallow, intermediate, deep, and bedrock (if needed) groundwater zones. A draft GW RIR was submitted to NJDEP in October 2018. Review of the draft RIR indicated an uninvestigated area above bedrock that requires delineation. Following numerous technical meetings regarding the October 2018 RIR submittal, on December 6, 2019, NJDEP (through the Independent Technical Consultant) required PPG to install 18 groundwater monitoring wells in the deep water bearing zone in order to complete vertical delineation above bedrock. PPG agreed to commence installation of the referenced 18 wells in March 2020, although PPG and NJDEP are to continue discussions regarding the data to be collected during the installation of the 18 wells. Submittal of data tables, figures, fence diagrams and other data agreed by PPG and NJDEP to be generated during the installation of the wells are to be provided to NJDEP by October 2020.
Remedial Action Work Plan	Entire Site Group	N/A	N/A	N/A	December 2020	N/A	PPG may submit the RAWP in advance of the date presented herein if sufficient information is obtained during IRM Phases I and/or II.
Remedial Action Report	Entire Site Group	N/A	N/A	N/A	N/A	November 2023	Areas with groundwater remediated after submittal of the groundwater RAR can be addressed through addenda to the groundwater RAR.
NON-GA GROUP GROUNDWATER MILESTONES							
Site 16	(see non-GAG Soils table)	N/A	N/A	10/28/2019	TBD	TBD	PPG submitted the draft Groundwater Remedial Investigation Report/Remedial Action Work Plan on April 15, 2019. PPG rescinded the RIR/RAWP and issued an RIR Addendum on 10/28/19.
Site 63	(see non-GAG Soils table)	N/A	N/A	RIR/RAWP Submittal: 5/13/2019 (See Comments)		TBD	The most recent version of the RIR/RAWP was submitted on 1/31/20. RAR Submittal date will be determined once NJDEP approves the RIR/RAWP.
Site 65	(see non-GAG Soils table)	N/A	N/A	See Comments	See Comments		Pursuant to the settlement agreement entered by PPG, the City, JCMUA and NJDEP, any impacted groundwater at Site 65 will be deemed to have emanated from Site 63. Therefore, no action vis-à-vis groundwater is required for Site 65.

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

**(Exhibit 2/3)**

**Revision Date: March 5, 2020**

**GROUNDWATER**

Group/Phase or Site	Property Description (Owner)	IRM/RI Start	IRM Performance Monitoring Complete	Remedial Investigation Report Submitted	Remedial Action Work Plan Submitted	Remedial Action Report Submitted	Comments
Site 107, Site 108 and Conrail Right-of-Way	(see non-GAG Soils table)	N/A	N/A	RIR/RAWP Submittal: March 2021		TBD	PPG will revise and resubmit the Groundwater RIWP to NJDEP by April 2020. Assuming NJDEP approval of the RIWP within 7 weeks of submittal and pending access is granted to offsite properties (if needed), PPG will initiate the RI field investigation within 30 days of NJDEP RIWP approval and submit the RIR/RAWP by March 2021.
Site 156	(see non-GAG Soils table)	N/A	N/A	RIR Submittal: 4/16/2018	N/A	None required, See Comments	The GW RIR demonstrated compliance with the GWQS. A Consent Judgment Compliance Letter for the groundwater AOC (AOC 2) was issued on June 28, 2019.
Site 174	(see non-GAG Soils table)	N/A	N/A	RIR/RAWP Submittal: February 2021		TBD	
Site 186	(see non-GAG Soils table)	N/A	N/A	Site 186 Groundwater Remedial Investigation incorporated into GA Group RI		November 2023	Site 186 groundwater investigation/remedial action is considered part of the Garfield Avenue Group groundwater program.

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

**(Exhibit 2/3)**

**Revision Date: March 5, 2020**

### **NOTES**

#### **GENERAL NOTES:**

Redevelopment cannot occur until a capillary break determination has been made and capillary break installation (where required) has been completed.

“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).

“Principals” means, collectively, PPG, NJDEP, the City of Jersey City and the Site Administrator.

#### **SOILS NOTES:**

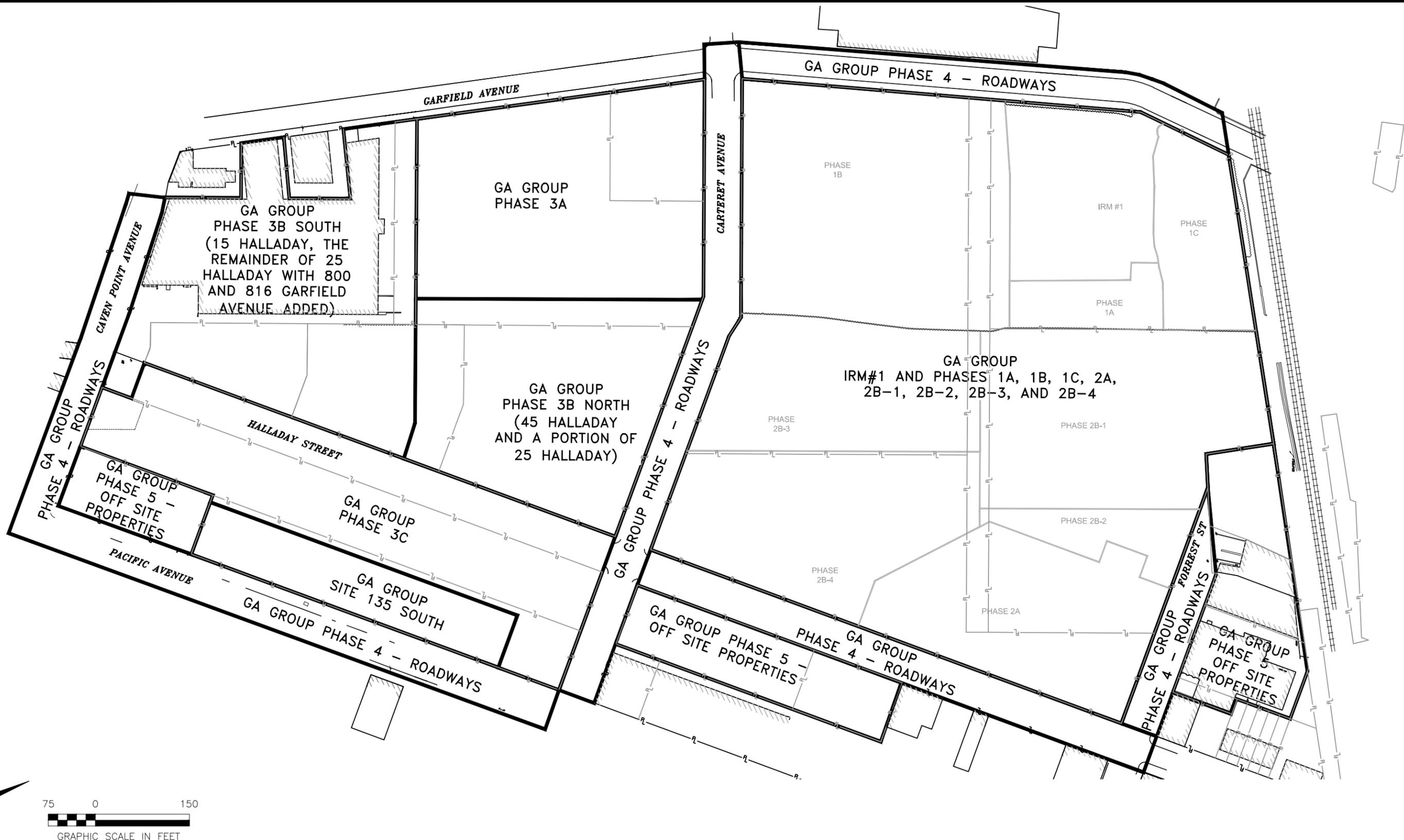
- 1) Green shading indicates that milestones have been attained. Green shading of the comments column indicates that a Consent Judgment Compliance Letter has been issued.
- 2) “Excavation Start” means access has been gained, building demolition and shoring installation, if required, have been completed, 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 Licensed Site Remediation Program (“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 and would continue without interruption although litigation between JCRA and PPG is ongoing for JCRA owned properties.
- 2) “N/A” means not applicable.

**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



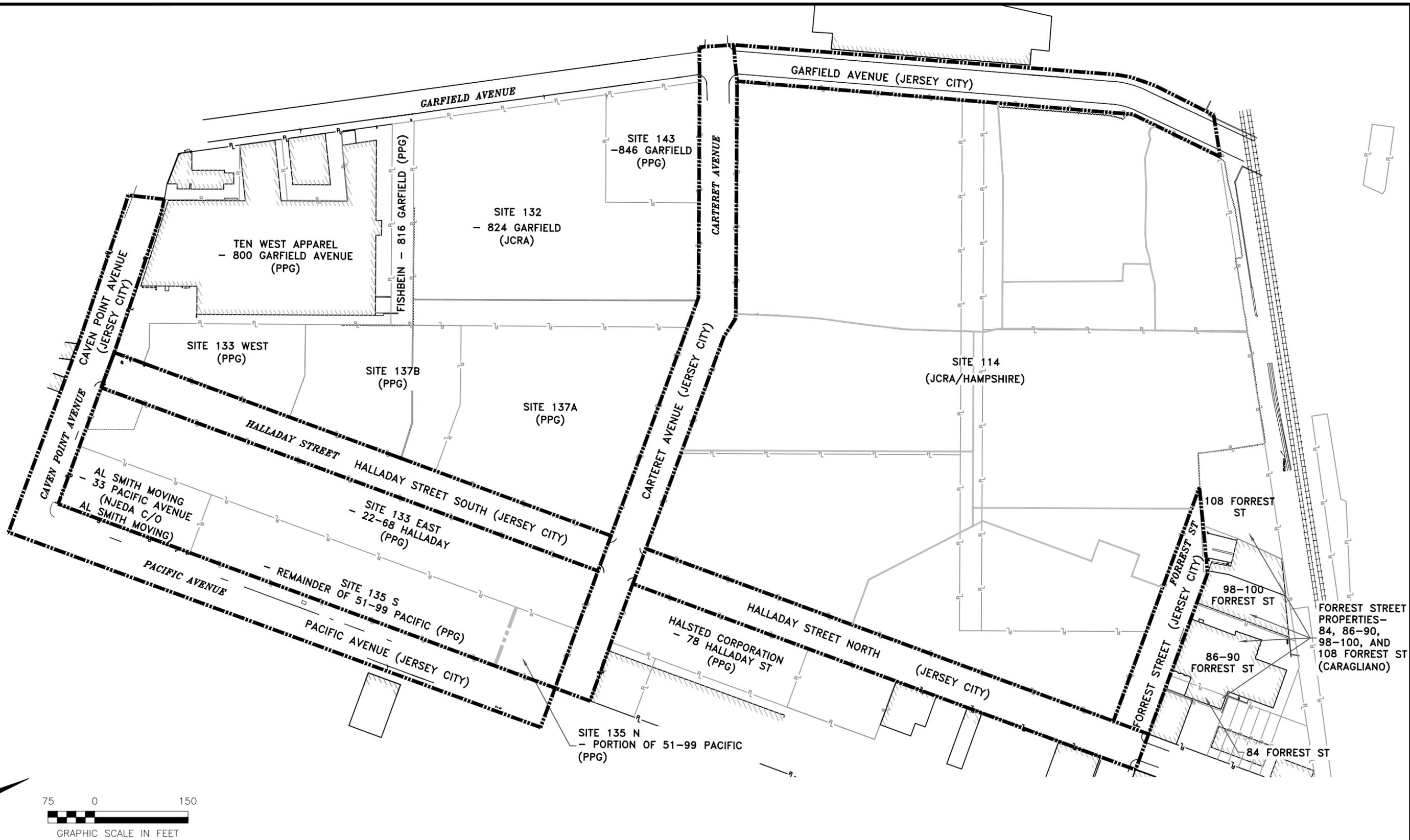
NOTES:

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		GROUP/PHASE OR SITE PLAN
DATE: 02/05/2020	DRWN: DCB	FIGURE 1

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)**



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Monroeville, PA 15146 USA  
T: 724.325.5070  
M: 412.235.8881  
E: [overmyer@ppg.com](mailto:overmyer@ppg.com)  
ppg.com

**Jody Overmyer**  
Remediation Project Engineer

January 27, 2020

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  
4Q19 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 fourth quarter of 2019, 11 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 31.3% of the manpower employed on the project. Jersey City residents accounted for a total of 4,930 manhours or 27.2% of the manpower used on the project during the fourth quarter, and 284,328 manhours or 29.8% 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,

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  
 Q4 2019 Local Employment Report  
 January 27, 2020

	Aquifer Drilling	Borbas Surveying	Cambridge-SOS	ENTACT	G4S	McVac	Master Locators	ProAct	SCE Environmental Group	Scholes Electric	Securitas	SGS Envir. Services	Totals
January		0 32		176 880				0 897		0 48	552 864		728 2,721
February		0 8		504 2,330				0 705			448 672		952 3,715
March		0 48		672 3,108				0 757			482 743		1,154 4,656
April		0 112	570 672	681 3,935				0 580					1,251 5,299
May		0 8	440 618	405 2,327				0 415					845 3,368
June	0 32		437 840	326 1,880		0 32		0 444					763 3,228
July		0 248	276 672	446 2,863		0 24						0 256	722 4,063
August			428 816	552 3,641		0 24	0 8					0 320	980 4,809
September			414 672	604 3,864					0 108				1,018 4,644
October	0 16	0 320	219 320	713 4,374	266 469				0 77			0 320	1,198 5,895
November		0 80		595 3,619	347 675				0 27				942 4,401
December				667 3,989	490 885								1,157 4,874
<b>Totals:</b>	<b>0 48</b>	<b>0 856</b>	<b>2,783 4,610</b>	<b>6,341 36,810</b>	<b>1,103 2,028</b>	<b>0 80</b>	<b>0 8</b>	<b>0 3,798</b>	<b>0 212</b>	<b>0 48</b>	<b>1,482 2,279</b>	<b>0 896</b>	<b>11,709 51,673</b>

Note: Jersey City Contractors in Red

Project to Date (All Sites)	Jersey City MH's	Total MH's
2009:	1,875	5,581
2010:	11,808	30,181
2011:	19,449	58,741
2012:	18,685	73,753
2013:	39,546	165,638
2014:	62,951	204,031
2015:	35,784	103,123
2016:	25,046	64,783
2017:	21,448	70,307
2018:	25,378	86,644
2019:	22,359	90,841
<b>Project Totals:</b>	<b>284,328</b>	<b>953,623</b>

% Jersey City Residents
33.6%
39.1%
33.1%
25.3%
23.9%
30.9%
34.7%
38.7%
30.5%
29.3%
24.6%
29.8%

**PPG**  
**New Jersey Chrome Project**  
 Non-Garfield Avenue Group Sites  
 Q4 2019 Local Employment Report  
 January 27, 2020

	Site 63	Site 107			457 Communipaw		Totals
	Work Zone Contractors, LLC	Cambridge Security	Cascade	ENTACT	Dennis Sklar Surveying	EPI	
January		447		488			935
		672		3,578			4,250
February		718		480			1,198
		840		3,306			4,146
March		578	0	504			1,082
		672	16	3,614			4,302
April		570		792	0		1,362
		672		4,048	8		4,728
May		576		528	0	0	1,104
		672		3,700	8	36	4,416
June		484		384			868
		840		2,960			3,800
July	0	502		440			942
	32	840		2,936			3,808
August		578		288			866
		984		2,770			3,754
September		440		220			660
		840		2,196			3,036
October		434		32			466
		840		408			1,248
November		589					589
		840					840
December		579					579
		840					840
Totals:	0	6,494	0	4,156	0	0	10,650
	32	9,552	16	29,516	16	36	39,168

Note: Jersey City Contractors in Red