

**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

---

January 29, 2021

**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 (July 31, 2020 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 July 31, 2020 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 tenth 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 and July 31, 2020. All of those Progress Reports have been posted to the Chromium Cleanup Partnership web site 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**

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. Field activities resumed in June 2020 and have continued without significant interruption. The JCO Parties<sup>1</sup> and I continue to monitor COVID-19 indicators. Future work activities could potentially be affected by safety and health considerations relative to the COVID-19 pandemic.

## **II. Master Schedule Revisions**

The suspension of field activities in 2020, as well as technical disputes and other circumstances, at times required modifications to the Master Schedule milestones. A revised Master Schedule dated January 29, 2021 is set forth as Attachment 2.

## **III. Procedure for Removing Sites from the Jurisdiction of the JCO and Transitioning Certain Sites to the LSRP Program**

Subject to my oversight, PPG, NJDEP and the City of Jersey City entered into (and I acknowledged and accepted, as Site Administrator) a Memorandum of Understanding dated as of September 22, 2020 (the “MOU”). The MOU establishes detailed procedures for the removal of PPG sites, portions of sites and specified contaminants and media from jurisdiction pursuant to the JCO and the 2011 Consent Judgment<sup>2</sup> and, in certain instances, transitioning same to NJDEP’s Licensed Site Remediation Professional (“LSRP”) Program.

On October 22, 2020, the Court 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 eleven sites or portions of sites and the contaminants and media (e.g., soil or groundwater) that were being removed from jurisdiction pursuant to the JCO and the 2011 Consent Judgment. Of those eleven sites, two were issued soil remedial action permits and were transitioned to the LSRP Program to implement the requirements of those permits.

PPG may file additional orders with the Court as new sites are removed from jurisdiction pursuant to the JCO and 2011 Consent Judgment.

## **IV. Technical Disputes and Potential Project Delays**

Below is a listing of technical disputes or other circumstances that have caused, or may in the future cause, delays in complying with Master Schedule milestones.

---

<sup>1</sup> For the purpose of this Report, the “JCO Parties” include PPG, the New Jersey Department of Environmental Protection (“NJDEP”) and the City of Jersey City.

<sup>2</sup> The 2011 Consent Judgment means the Consent Judgment entered between NJDEP, PPG and other parties 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).

A. 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. After many delays, Ten West finally vacated the building in October 2020. PPG promptly commenced asbestos removal in the building and plans to complete demolition of the building by May 2021. Excavation of the chromium impacts on portions of the property is expected to commence in April 2021.

B. Investigation and Remediation of Groundwater at the GAG Sites<sup>3</sup>: The investigation and remediation of groundwater at the GAG Sites has proven to be complicated from a technical and scientific perspective. This has resulted in technical disputes among the environmental consultants for the interested parties. Below is a list of current technical issues relating to the investigation and remediation of groundwater at the GAG Sites that could impact the establishment of and compliance with Master Schedule milestones.

(1) Investigation of Groundwater at the GAG Sites. In prior Progress Reports, I noted technical disputes concerning NJDEP’s requirement that, as part of PPG’s obligation to vertically delineate the extent of chromium impacts in the groundwater at the GAG Sites, PPG install 18 additional deep groundwater wells at Site 114 to investigate the till zone (above the bedrock). Those disputes centered on the number, location and sampling methodologies with respect to the till zone wells. NJDEP and PPG ultimately agreed upon the number and location of the wells, although there was not complete alignment between the parties on the array of data to be compiled during the installation of the wells.

Subsequent sampling of the till zone wells at Site 114 revealed chromium impacts that triggered the need for an investigation of the bedrock. Following several technical conferences, PPG and NJDEP ultimately agreed that a bedrock investigation was needed. PPG commenced that effort in December 2020 and has since installed four additional bedrock wells at Site 114. As of this Report, however, PPG has not as yet sampled those wells. Therefore, the extent of chromium impacts in the bedrock groundwater is not known and the potential for technical disputes regarding interpretation of the bedrock groundwater data and next steps is currently undetermined. It should be noted that four bedrock monitoring wells were previously installed in different areas of the GAG Sites than the new bedrock wells. Historic sampling of these existing wells showed chromium impacts, although recent sampling of those monitoring wells did not show chromium impacts.

(2) Remediation of the “Lower Deep” Water Bearing Zone. In addition to triggering the need for an investigation of chromium impacts in bedrock groundwater, the till zone wells referenced in (1) above also revealed that a portion of the deep water bearing zone at Site 114 (above the bedrock and below

---

<sup>3</sup> Attachment 1 to this Progress Report defines “GAG Sites” and certain other terminology used in this Report.

the groundwater zones targeted by the interim remedial measures operated by PPG at Site 114<sup>4</sup>) was impacted with chromium.<sup>5</sup> This deep water bearing zone is described by PPG's consultants as the "lower deep water bearing zone."

Technical disputes between PPG and NJDEP ensued over what constitutes the "lower deep" zone and whether and to what extent it is treatable. In a letter dated December 22, 2020, NJDEP's Assistant Commissioner, Mark Pedersen, communicated the Department's requirement that PPG undertake "active remediation" of the "deep-lower groundwater zone."<sup>6</sup> NJDEP and PPG had several technical conferences concerning the treatability of this lower deep water bearing zone both prior to and subsequent to the letter from Assistant Commissioner Pedersen. The technical consultants were nevertheless unable to come to agreement on several important issues, including the geologic formations that are to be included in the lower deep water bearing zone,<sup>7</sup> what constitutes "active remediation" and whether active remediation can feasibly be accomplished in the lower deep water bearing zone.

In an effort to break the logjam among the technical consultants and "to expedite the remediation effort and potentially avoid conflicts with the proposed redevelopment effort," NJDEP proposed to PPG on January 13, 2021 a "Conceptual Plan for Active Remediation of Lower Deep Water-Bearing Zone" (the "Conceptual Pan"). The Conceptual Plan was proposed by NJDEP as a "guide" for PPG's design of an active remediation system in the lower deep water bearing zone.

In technical conferences held subsequent to NJDEP's Conceptual Plan, PPG disputed the feasibility of that plan. As of this Report, NJDEP and PPG have not agreed on a design for the active remediation system in the lower deep water bearing zone.

Further, at the time NJDEP issued its Conceptual Plan, it indicated that PPG should implement an active groundwater remediation goal of 1,000 micrograms per liter (ug/l) for hexavalent chromium in the lower deep water bearing zone, as well as all water bearing zones in the remaining groundwater at the GAG Sites. The Department also confirmed that, upon achieving that remediation goal, the groundwater could be transitioned to a monitored natural

---

4 PPG operated a Phase I Groundwater Interim Remedial Measure ("IRM") from December 2017 through April 2020 that focused upon remediating groundwater in the intermediate and upper deep water bearing zones at a portion of Site 114. PPG is currently performing post-remediation monitoring in a well network designed to evaluate the effectiveness of the Phase I IRM system in reducing the concentration levels of total chromium and hexavalent chromium. As noted in Section IV.B(3) of the Report, in September 2020 PPG also commenced operation of a Phase II Groundwater IRM, which was also targeted at the intermediate and upper deep water bearing zones at portions of Site 114. Neither the Phase I IRM nor the Phase II IRM was directed at the lower deep water bearing zone.

5 PPG's consultants disagree with this statement.

6 The Pedersen letter uses the terminology "deep-lower groundwater zone," as opposed to PPG's use of the term "lower deep" water bearing zone.

7 In this regard, for instance, is the question of whether or not the basal till forms a part of the lower deep water bearing zone. This Report will rely upon the term "lower deep water bearing zone" for ease of reference while acknowledging the apparent dispute among the parties over the terminology.

attenuation remedy.<sup>8</sup> PPG recently communicated its objection to this remediation goal.

In December 2020, PPG indicated it plans to submit a Remedial Action Work Plan (“RAWP”) for groundwater at the GAG Sites in March 2021. If the technical disputes are not resolved prior to that submittal, the RAWP submittal may serve as the mechanism by which the technical disputes discussed above are resolved, namely: (i) what constitutes the lower deep water bearing zone (i.e., whether the basal till is included in this zone), (ii) what constitutes “active remediation” of the lower deep water bearing zone, (iii) whether active remediation of the lower deep water bearing zone (including the basal till) can feasibly be implemented, and (iv) the applicability and reasonableness of the Department’s remedial goal of 1,000 ug/l for hexavalent chromium in groundwater at the GAG Sites before the remedy can be transitioned to a monitored natural attenuation remedy.

(3) Groundwater Remediation Efforts in the Southeastern Portion of Site 114: In September 2020, PPG commenced operation of the second phase of an interim remedial measure to treat chromium impacts in the intermediate groundwater zone at Site 114. This Phase II Interim Remedial Measure (the “Phase II IRM”) was designed to include the use of pump and treat technology coupled with reagent injections using food-grade molasses, emulsified vegetable oil, and/or calcium polysulfide to support remediation of chromium impacts in the groundwater.<sup>9</sup>

The infrastructure for the Phase II IRM system (e.g., remediation wells, monitoring wells and underground piping) was installed in both the northwest and southeast portions of Site 114. While PPG was able to commence operation of the system in the northwest portion of Site 114 in September 2020, PPG has not yet been able to commence operation of the system in the southeast portion of Site 114.

PPG reports that the problem with the Phase II IRM in the southeast portion of Site 114 is the presence of non-chromium contaminants, i.e., manufactured gas plant (“MGP”) contaminants, in the remediation well network installed by PPG. The MGP contaminants are the responsibility of PSE&G, not PPG. PPG claims that the MGP contaminants in the groundwater in this portion of Site 114 will interfere with the extraction and injection activities it had previously planned for the chromium impacts in this area. PPG is working with PSE&G to address these issues.

---

<sup>8</sup> The term “monitored natural attenuation” refers to the reliance on natural attenuation processes to achieve the applicable ground water remediation standard.

<sup>9</sup> See footnote 4 of this Report regarding the Phase I Groundwater IRM operated by PPG. PPG is currently performing post-remediation monitoring in a well network designed to evaluate the effectiveness of the Phase I IRM system in reducing the concentration levels of total chromium and hexavalent chromium. PPG has provided the JCO Parties with three quarterly reports documenting the results of the post-remediation monitoring. The most recent quarterly report is under review by NJDEP and the Independent Technical Consultant.

In January 2021, PPG submitted a modification to its “Permit-by-Rule” setting forth a scope of work to address the MGP and chromium impacts in the southeast portion of Site 114. It is uncertain at this time whether this scope of work will be successful and what impacts it will have on whether and how long it might take for PPG to achieve the 1,000 ug/l hexavalent chromium remediation goal established for the GAG Sites.

Resolution of the issues addressed above will have an impact on the timing of the groundwater remediation efforts and could potentially interfere with the efforts of the Redeveloper.<sup>10</sup> The Redeveloper has indicated that it anticipates commencing groundbreaking in July of this year. I am involved in the discussions between the parties in an attempt to resolve these conflicts. The Court’s intervention may be necessary.

C. Site 107 (18 Chapel Avenue, Jersey City): In my last Progress Report, I noted that PPG had completed excavation and backfilling of a large portion of the chromium impacted soils at this Site. I further noted that a technical dispute existed between PPG and NJDEP regarding the methodology for sampling of one area in the northwest corner of the Site referred to as the material storage area or “MSA.” The technical dispute concerning the sampling methodology for the MSA was resolved when NJDEP approved PPG’s sampling plan in November 2020.

Within the last several weeks, PPG made available to the JCO Parties data generated from sampling in the MSA pursuant to the approved sampling plan and has proposed a remediation plan for the MSA. The parties are currently discussing the details of that remediation plan.

The owner of Site 107 intends to develop the property. He has expressed concerns to me and the JCO Parties about the delay in the completion of PPG’s remediation work at Site 107 and the elevations of the backfilling and grading of the property by PPG. The owner has also advised me and the JCO Parties of a claim for monetary damages resulting from the alleged delays by PPG.

I convened a conference call on January 8, 2021 with PPG, the property owner, NJDEP and others in attendance to address the property owner’s concerns. During that call I was asked to mediate the disputes between the property owner and PPG. A tentative mediation schedule was established during the January 8 call. As of this Report, PPG and the property owner have engaged in direct communications in an attempt to resolve some of the issues; however, those communications have failed and the parties have agreed to proceed with mediation in February.

---

<sup>10</sup> The “Redeveloper” refers collectively to Hampshire Urban Renewal Redevelopment, L.L.C. and Garfield JC Partners, LLC. I will be filing a report concerning the efforts to coordinate PPG’s remediation work and the Site 114 redevelopment efforts by the end of February 2021 pursuant to the Court’s direction during the August 27, 2020 conference call with me, the Redeveloper, PPG, NJDEP and the City of Jersey City. That February report will supplement my November 30, 2020 report to the Court.

## V. Remediation Progress

### A. Remediation of the GAG Sites, GAG Roadways and GAG Off-Site Properties<sup>11</sup>

#### Soil Remediation Approvals:

PPG has satisfied its soil remediation obligations and received final regulatory approval<sup>12</sup> from NJDEP with respect to same for the following GAG Sites, GAG Roadways and GAG Off-Site Properties: Site 114, Site 135, Site 133 East, Site 132, Site 137 North, Site 186, Site 143, Halladay Street South and Al Smith Moving & Furniture Company. These sites are depicted in the figures attached to the Master Schedule. See Attachment 2. All of these sites were removed from the jurisdiction of the JCO and 2011 Consent Judgment and one of these sites (Site 114), which was issued a soil remedial action permit, was transitioned to the LSRP Program. The soil remedial action permit requires PPG to, among other things, monitor the effectiveness of the engineering controls and institutional controls that formed part of the approved remedy for that site.

#### Soil Remediation in Progress or Planned:

Halladay Street North (between Carteret Avenue and Forrest Street): PPG completed excavation of chromium-impacted soils and backfilling in this section of roadway in 2020 and restoration is anticipated to be completed in the Spring of 2021. PPG anticipates submitting a Remedial Action Report documenting the remediation activities in August 2021.

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). Final documentation of the remedy was postponed pending the transfer to the City of a small strip of land that is currently part of Site 114. The title holder of this strip of land has transferred it to the City thereby making it a part of the Garfield Avenue roadway. This will clear the way for submittal of the remedial documentation for the Garfield Avenue roadway.

Carteret Avenue (between Garfield Avenue and Pacific Avenue): As of December 2020, PPG had completed all excavation, backfilling and restoration requirements in this

---

<sup>11</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.”

<sup>12</sup> “Final regulatory approval” means that a Consent Judgment Compliance Letter was issued by NJDEP pursuant to the 2011 Consent Judgment for the specified contaminants, media and areas of concern identified in the letter. 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 with respect to the applicable contaminants, media and areas of concern, an RAR Determination has been made, and after the issuance by the Department of any required remedial action permits. The Notes to the Master Schedule, Attachment 2 to this Report defines the term “RAR Determination.”

roadway. A soil remedial action permit will be required for a portion of this roadway, due to the presence of scattered chromium impacts that will remain in an area adjacent to a building. PPG anticipates submitting a Remedial Action Report documenting the remediation activities in March 2021. In prior Progress Reports, I reported on the status of the Jersey City Municipal Utilities Authority (“JCMUA”) plans to rehabilitate the 96” sewer line located in the roadway. I am happy to report that the underground field activities in connection with this project have been completed with only minor aboveground work remaining.

Pacific Avenue/Caven Point Avenue: CCPW<sup>13</sup> and CCPW-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 by the end of this year.

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. Documentation of the remedial action for this property is scheduled to be submitted in June of this year.

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. Owner concurrence with the remediation documents has been prolonged as a result of negotiations between PPG and the property owner concerning an updated access agreement and other issues.

In February 2020, the property owner approved a Remedial Action Work Plan (“RAWP”) to memorialize a restricted use remedy for chromium impacts under the buildings 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 is expected to be completed by July 2021.

Ten West Apparel Property (800 Garfield Avenue, Jersey City) and Adjacent Parcels: See Section IV. above.

## B. Remediation of the Non-GAG Sites

### Remediation Approvals:

---

<sup>13</sup> “CCPW” refers to chromate chemical production waste and is more particularly defined in the JCO.

PPG has satisfied its remediation obligations and received final regulatory approval from NJDEP for the following Non-GAG Sites: Site 63 (soil only), Site 65 (soil and groundwater) and Site 156 (soil and groundwater). All of these sites were removed from the jurisdiction of the JCO and 2011 Consent Judgment for the specified media and one of these sites (Site 65), which was issued a soil remedial action permit, was transitioned to the LSRP Program. The soil remedial action permit for Site 65 requires PPG to, among other things, monitor the effectiveness of the engineering controls and institutional controls that formed part of the approved remedy for that site.

#### Soil Remediation in Progress or Planned:

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. Documentation of that proposed remedy and final regulatory approval by NJDEP are expected to be finalized in 2021.

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 have been slowed due to the pandemic. 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 groundwater at this Site, including Site 65.<sup>14</sup> PPG's groundwater submittals, which call for the establishment of a classification exception area/well restriction area<sup>15</sup> and a groundwater remedial action permit, are currently under review, but have been delayed due to problems pertaining to PPG's ability to obtain access to a monitoring well that requires sampling.

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 has proposed a restricted use remedy for this Site involving institutional controls and engineering controls. This remedy is subject to the consent of the property owner.

---

<sup>14</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. Therefore, no action vis-à-vis groundwater is required for Site 65.

<sup>15</sup> A "classification exception area/well restriction area" is an administrative and institutional control to address groundwater contamination.

Conrail Property: PPG has proposed a restricted use remedy for this Site involving institutional controls and engineering controls. PPG anticipates submitting the documentation to support this remedy in March 2021.

Site 174 – Portion of Dennis Collins Park (Bayonne): In June 2019, PPG and the City of Bayonne entered into a Memorandum of Understanding. The MOU describes the coordination of the installation by PPG 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 NJDEP’s Green Acres program entered into an access agreement that incorporates Green Acres requirements for implementation of the final remedy. PPG anticipates completing the capping of the majority of the Site by February 2021. The only other remediation work required at this Site is the excavation of chromium impacts along a portion of the revetment adjacent to the Kill Van Kull. PPG anticipates commencing that work in the next several months, although the schedule could be impacted by the need for permit reviews, favorable tides, and a constructability review of the proposed remedy.

457 Communipaw Avenue: During the investigation of this site, it was determined that CCPW impacts exist not only on 457 Communipaw Avenue (privately owned), but also on a parcel owned by the Jersey City Redevelopment Authority (“JCRA”) located adjacent to the 457 Communipaw Avenue property. A portion of the entrance to Berry Lane Park from Communipaw Avenue owned by JCRA has been fully remediated. A site investigation was performed in 2017 at 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. PPG anticipates submitting a remedial investigation report/remedial action work plan and deed notice by May 2021 provided that the property owners concur to deed notices.

## **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 Site 114 Property Owner/Redeveloper**

I anticipate filing a report with the Court by the end of February 2021 pursuant to the Court's direction during the August 27, 2020 conference call with me, the Redeveloper, PPG, NJDEP and the City of Jersey City. That February report will continue to inform the Court on the progress of remediation at Site 114 and the progress of redevelopment.

## **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 will be posted to the web site. All prior Progress Reports have also been posted to the web site. In December, 2020, I posted a letter to the web site to inform the public of the status of the PPG work activities.

Newsletter: A newsletter summarizing the status of activities at the PPG chromium sites was published in November 2020. 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. Our postings to the Chromium Cleanup Partnership web site and the newsletter that was 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 and have done so on several occasions.

PPG Employment Report: Attachment 3 includes PPG's most recent 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 with figures/maps
- **Attachment 3**: PPG 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 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: January 29, 2021**

**(See General Note 2 re Potential COVID-19 Impacts on the Milestones set forth in this Master Schedule)**

**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>RAR Determination/RAR Conditional Approval letters were issued by the New Jersey Department of Environmental Protection ("NJDEP") on October 31, 2019 and a final RAR Approval Letter was issued 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 manufactured gas plant ("MGP") related contaminants, which are being managed by PSE&amp;G under NJDEP's Licensed Site Remediation Professional program. See Soil Note 8 attached to this Master Schedule regarding MGP contamination.</p> <p>The referenced approvals also exclude AOC 114-1B (CCPW-impacted soils in portions of Grids A5B, A6B, A7B, and B7B within the Western Sliver). 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. The title holder of this strip of land will transfer it to the City and it will become part of the Garfield Avenue roadway. The Remedial Action Report for Garfield Avenue will include AOC 114-1B. 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> <p>Pursuant to the MOU and the First Consent Order described in General Note 4 to this Master Schedule, the media, contaminants and AOCs referenced in the First Consent Order for Site 114 were removed from jurisdiction pursuant to the JCO and the 2011 Consent Judgment and transitioned to the LSRP Program to implement the requirements of the Soil Remedial Action Permit.</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 was issued on June 27, 2019 and a Consent Judgment Compliance Letter (Unrestricted Use for CCPW and CCPW-related metals) was issued on November 1, 2019 for AOC 132-1. Pursuant to the MOU and the First Consent Order described in General Note 4 to this Master Schedule, the media, contaminants and AOCs referenced in the First Consent Order for Site 132 were removed from jurisdiction pursuant to the JCO and the 2011 Consent Judgment.
	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 was issued on September 30, 2019 and a Consent Judgment Compliance Letter (Unrestricted Use for CCPW and CCPW-related metals) was issued on June 26, 2020 for AOC 143-1. Pursuant to the MOU and the First Consent Order described in General Note 4 to this Master Schedule, the media, contaminants and AOCs referenced in the First Consent Order for Site 143 were removed from jurisdiction pursuant to the JCO and the 2011 Consent Judgment.
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 was issued on September 30, 2019 and a Consent Judgment Compliance Letter (Unrestricted Use 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). Pursuant to the MOU and the First Consent Order described in General Note 4 to this Master Schedule, the media, contaminants and AOCs referenced in the First Consent Order for Site 137 North were removed from jurisdiction pursuant to the JCO and the 2011 Consent Judgment.
GA Group Phase 3B South (15 Halladay, the remainder of 25 Halladay with 800 and 816 Garfield)	Site 133 West (PPG) and Site 137 South (PPG)	PPG Owned	8/29/2018 (See Comments)	November 2021	December 2021	February 2022	April 2023	<p>PPG has excavated a portion of these Sites. 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. Subject to scheduling electric, gas and water disconnects with the utility companies, which has delayed demolition of the building at 800 Garfield Avenue, PPG anticipates commencing the remaining portions of the planned excavations in April 2021.</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>

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

**(Exhibit 2/3)**

**Revision Date: January 29, 2021**

**(See General Note 2 re Potential COVID-19 Impacts on the Milestones set forth in this Master Schedule)**

**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
Avenue added)	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. Subject to scheduling electric, gas and water disconnects with the utility companies, which has delayed demolition of the building at 800 Garfield Avenue, PPG anticipates commencing the remaining portions of the planned excavations 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-1A) (Jersey City)	Road Closure In Place	4/21/2015	10/22/2015	7/29/2016	1/31/2018	5/2/2019	All CCPW has been excavated at the AOC HSS-1A portion of the Site and that portion of 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 and a Consent Judgment Compliance Letter (Unrestricted Use 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. Pursuant to the MOU and the First Consent Order described in General Note 4 to this Master Schedule, the media, contaminants and AOCs referenced in the First Consent Order for Halladay Street South were removed from jurisdiction pursuant to the JCO and the 2011 Consent Judgment.
	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.
	Site 133 East (22-68 Halladay)(AOC 133E-1A) (PPG)	PPG Owned	4/21/2015	10/22/2015 (See Comments)	7/29/2016 (See Comments)	1/31/2018 (See comments)	10/11/2019	All CCPW has been excavated at the AOC 133E-1A portion of the Site and that portion of the Site has been restored. An RAR Determination/Approval letter for Site 133 East AOC 133E-1A was issued on October 11, 2019 and a Consent Judgment Compliance Letter (Unrestricted Use 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). Pursuant to the MOU and the First Consent Order described in General Note 4 to this Master Schedule, the media, contaminants and AOCs referenced in the First Consent Order for Site 133 East were removed from jurisdiction pursuant to the JCO and the 2011 Consent Judgment.
	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.
	Site 135 North (Portion of 51-99 Pacific) (PPG)	PPG Owned	2/23/2016	5/25/2016	7/29/2016	1/31/2018	10/11/2019	All CCPW has been excavated and the Site has been restored. An RAR Determination/Approval letter for Site 135 AOC 135-1 was issued 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 11, 2020. A Consent Judgment Compliance Letter (Restricted Use) was issued on January 15, 2021 for CCPW and CCPW-related metals for AOC-1 covering Site 135 North and Site 135 South. Pursuant to the MOU described in General Note 4 to this Master Schedule, the media, contaminants and AOCs referenced in the January 15, 2021 Consent Judgment Compliance Letter for Site 135 are removed from jurisdiction pursuant to the JCO and the 2011 Consent Judgment and were transitioned to the LSRP Program to implement the requirements of the Soil Remedial Action Permit.

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

**(Exhibit 2/3)**

**Revision Date: January 29, 2021**

**(See General Note 2 re Potential COVID-19 Impacts on the Milestones set forth in this Master Schedule)**

**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 Site 135 South	Site 135 South (Remainder of 51-99 Pacific) (PPG)	PPG Owned	3/16/2016	8/23/2016	12/29/2016	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. 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 11, 2020. A Consent Judgment Compliance Letter (Restricted Use) was issued on January 15, 2021 for CCPW and CCPW-related metals for AOC-1 covering Site 135 North and Site 135 South. Pursuant to the MOU described in General Note 4 to this Master Schedule, the media, contaminants and AOCs referenced in the January 15, 2021 Consent Judgment Compliance Letter for Site 135 are removed from jurisdiction pursuant to the JCO and the 2011 Consent Judgment and were transitioned to the LSRP Program to implement the requirements of the Soil Remedial Action Permit.	
GA Group Phase 5 Off Site Properties	Halsted Corporation (78 Halladay St) (PPG)	PPG Owned	5/7/2018	8/10/2018 (See Comments)	8/24/2018 (See Comments)	February 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. 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. The restoration complete milestone assumes that PPG will submit the capillary break evaluation with all other supporting documentation by January 2021.	
	Forrest Street Properties 108 Forrest St (Caragliano)	Owner is renegotiating Access Agreement	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.	
	Forrest Street Properties 84, 86-90, and 98-100 Forrest St (Caragliano)	Owner is Renegotiating Access Agreement	See Comments	See Comments	See Comments	See Comments	See Comments	October 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 is expected to be completed by July 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.
	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 (Unrestricted Use for CCPW and CCPW-related metals) was issued on October 11, 2019 for AOC ASM-1. Pursuant to the MOU and the First Consent Order described in General Note 4 to this Master Schedule, the media, contaminants and AOCs referenced in the First Consent Order for Al Smith Moving were removed from jurisdiction pursuant to the JCO and the 2011 Consent Judgment.	

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

**(Exhibit 2/3)**

**Revision Date: January 29, 2021**

**(See General Note 2 re Potential COVID-19 Impacts on the Milestones set forth in this Master Schedule)**

**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	
	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	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	February 2021	December 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 Restoration Complete as to the need for a capillary break at this Site. The restoration complete milestone assumes that PPG will submit the capillary break evaluation in approvable form with all other supporting documentation by January 2021.	
	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 11, 2020, NJDEP issued an RAR Approval letter for the restricted use remedy proposed for this Site. Notice in Lieu of Deed Notice notifications were distributed on January 25, 2021. PPG will apply to NJDEP for a Soil Remedial Action Permit in February 2021. PPG will conduct remedial excavation of 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	February 2022	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). The title holder of this strip of land has transferred it to the City thereby making it a part of the Garfield Avenue roadway. The Remedial Action Report for Garfield Avenue will include AOC 114-1B. 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.
	Pacific Avenue/Caven Point Avenue	See Comments	See Comments	See Comments	See Comments	See Comments	See Comments	November 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). An RAR submittal is being prepared by PPG, which will be submitted following completion of Phase 3B South field activities adjacent to Caven Point Avenue. 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: January 29, 2021**

**(See General Note 2 re Potential COVID-19 Impacts on the Milestones set forth in this Master Schedule)**

**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 August 13, 2020, NJDEP issued a RAR Determination Letter for exterior soil. 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 (Unrestricted Use) with respect to soils CCPW and CCPW-related metals only was issued by NJDEP on January 30, 2018. Pursuant to the MOU and First Consent Order described in General Note 4 to this Master Schedule, the media, contaminants and AOCs referenced in the First Consent Order for Site 63 were removed from jurisdiction pursuant to the JCO and the 2011 Consent Judgment.
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 Soil Remedial Action Permit was issued on March 9, 2020 and a Consent Judgment Compliance Letter (Restricted Use for CCPW and CCPW-related metals) was issued on April 6, 2020. Pursuant to the MOU and First Consent Order described in General Note 4 to this Master Schedule, the media, contaminants and AOCs referenced in the First Consent Order for Site 65 were removed from jurisdiction pursuant to the JCO and the 2011 Consent Judgment and transitioned to the LSRP Program to implement the requirements of the Soil Remedial Action Permit.
Site 107	Fashionland (Ancam, LLC, aka EMI)	Access agreement in place	6/13/2018	March 2021	March 2021	March 2021	August 2021 (Majority Site RAR); February 2022 (MSA RAR)	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 (referred to as the "MSA"). A sampling plan for the MSA was approved by NJDEP on November 24, 2020. The established milestones are intended to accommodate the time needed to excavate, backfill and restore the MSA and any remaining portions of the site proper. The backfill complete and restoration complete milestones are contingent upon resolution of final grades with the property owner.
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	October 2021	The RAR Determination milestone assumes that a restricted use remedy will be implemented. PPG anticipates submitting the draft RAWP/RAR to NJDEP in March 2021. Coordination with the property owner is on-going.
Site 108	Albanil Dyestuff (Jersey City Logistics, LLC)	Access agreement in place; will require amendment	6/13/2018	See Comments	See Comments	See Comments	October 2021	The RAR Determination milestone assumes that a restricted use remedy will be implemented. PPG anticipates submitting the draft RAWP/RAR to NJDEP in March 2021. Coordination with the property owner is on-going.
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 (Unrestricted Use) for CCPW and CCPW-related metals only in soil beyond AOC 3 (Boiler Room) footprint (AOC 1) was issued on June 28, 2019. Pursuant to the MOU and First Consent Order described in General Note 4 to this Master Schedule, the media, contaminants and AOCs referenced in the First Consent Order for Site 156 were removed from jurisdiction pursuant to the JCO and the 2011 Consent Judgment.
							Boiler Room: October 2020	On October 30, 2020, NJDEP approved an RIR/RAWP/RAR for the Boiler Room. The proposed remedy for the boiler room involves continued regular inspections by PPG under a Remedial Action Permit, coupled with a deed restriction. PPG anticipates submitting the Remedial Action Permit application to NJDEP in May 2021, assuming the owner signs the deed notice in February 2021.

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

**(Exhibit 2/3)**

**Revision Date: January 29, 2021**

**(See General Note 2 re Potential COVID-19 Impacts on the Milestones set forth in this Master Schedule)**

**SOILS – NON-GARFIELD AVENUE SITES**

Site 174	Dennis Collins Park (City of Bayonne)	Access agreement in Place (See Comments)	4/8/2013	9/30/2016	9/30/2016	April 2021	March 2022 (See Comments)	<p>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 entered into an access agreement that incorporates Green Acres requirements for implementation of the final remedy.</p> <p>PPG anticipates completing the capping of the majority of the Site by February 2021. The only other work required at this Site is the excavation of chromium impacts along a portion of revetment adjacent to the Kill Van Kull. PPG anticipates completing that work by April, 2021, although the schedule could be impacted by permit reviews, favorable tides and a constructability review of the proposed remedy.</p>
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	<p>All CCPW has been excavated and the Site restored. A Consent Judgment Compliance Letter (Unrestricted Use; Entire Site) for CCPW and CCPW-related metals in soil was issued July 15, 2015. Pursuant to the MOU and First Consent Order described in General Note 4 to this Master Schedule, the media, contaminants and AOCs referenced in the First Consent Order for Site 186 were removed from jurisdiction pursuant to the JCO and 2011 Consent Judgment.</p>
457 Communipaw	457 Communipaw Right-of-Way (285 Lincoln Avenue, LLC)	See Comments	See Comments	See Comments	See Comments	See Comments	See Comments	<p>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. PPG anticipates submitting an RIR/RAWP/Deed Notice by May 2021, contingent upon completion of delineation sampling in February 2021 and property owner concurrence on the Deed Notice.</p>

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

**(Exhibit 2/3)**

**Revision Date: January 29, 2021**

**(See General Note 2 re Potential COVID-19 Impacts on the Milestones set forth in this Master Schedule)**

**GROUNDWATER**

<b>GA GROUP GROUNDWATER MILESTONES</b>							
<b>Group/Phase or Site</b>	<b>Property Description (Owner)</b>	<b>IRM/RI Start</b>	<b>IRM Performance Monitoring Complete</b>	<b>Remedial Investigation Report Submitted</b>	<b>Remedial Action Work Plan Submitted</b>	<b>Remedial Action Report Submitted</b>	<b>Comments</b>
GW IRM Phase I	Site 114 (JCRA/Hampshire)	12/29/2017	See Comments	N/A	N/A	N/A	The Phase I IRM system 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 included 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 and up to two years of performance monitoring after the Phase I active treatment is complete. The Phase I IRM System operated from December 2017 until April 2020. The JCO Parties have agreed to ongoing dialogue and collaboration around IRM performance monitoring 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)	October 2020 (See Comments)	See Comments	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 in the northwest and southeast portions of Site 114, 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. PPG commenced operation of the Phase II IRM in the northwest portion of Site 114 in October 2020. 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.  While PPG commenced operation of the Phase II IRM in the northwest portion of Site 114 in October 2020, PPG was unable to commence extraction and injection operations in the southeast portion of Site 114 in October 2020 resulting from the presence in its proposed extraction and injection wells of dense non-aqueous phase liquid ("DNAPL") associated with PSE&G's former manufactured gas plant (MGP) operations. PPG therefore postponed implementation of the IRM Phase II work in the southeast portion. On January 19, 2021, PPG submitted to NJDEP a request to modify the Groundwater Interim Remedial Measure (IRM) Phase II Design Permit-by-Rule (PBR) that was approved by NJDEP on May 9, 2019 setting forth a plan to address the DNAPL and chromium impacts in the southeast portion of Site 114 given the presence of the DNAPL in its proposed well network. The PBR modification was approved by NJDEP on January 21, 2021.
GW IRM Phase III	North, South and East of Site 114 (Various)	November 2021	See Comments	N/A	N/A	N/A	Conceptually, Phase III of the IRM will address the areas north, south and east of Site 114, with the same considerations as noted above for Phase I and Phase II. (See PPG's Draft Technical Memorandum – Remediation Strategy for CCPW in Groundwater dated August 20, 2020). PPG anticipates submittal of a Permit by Rule application in March 2021
Remedial Investigation	Entire Site Group	N/A	N/A	March 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 is anticipated to be submitted in March 2021. An RIR specific to bedrock may be provided as an RIR addendum subsequent to the RIR being provided in March 2021.
Remedial Action Work Plan	Entire Site Group	N/A	N/A	N/A	March 2021	N/A	NJDEP has stated that the RAWP shall include an approach for achieving a site-wide active remedial goal of 1,000 ug/l for hexavalent chromium prior to transitioning from active remediation to a monitored natural attenuation remedy. PPG disagrees with NJDEP's suggested goal of 1,000 ug/l and will present additional lines of evidence in the RAWP.
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.
<b>NON-GA GROUP GROUNDWATER MILESTONES</b>							
Site 16	(see non-GAG Soils table)	N/A	N/A	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 6/9/20. 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)	N/A	N/A	RIR/RAWP Submittal: 5/13/2019		TBD	The most recent version of the RIR/RAWP was submitted on 1/31/20, NJDEP provided comments to that submittal on 4/24/20. PPG and NJDEP are discussing the capillary break evaluation for the site; these discussions are pending access to resample an off-site well. Upon resolution of the capillary break issue, PPG will revise/resubmit the RIR/RAWP. The RAR Submittal date will be determined once NJDEP approves the RIR/RAWP.

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

**(Exhibit 2/3)**

**Revision Date: January 29, 2021**

**(See General Note 2 re Potential COVID-19 Impacts on the Milestones set forth in this Master Schedule)**

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, impacted groundwater at Site 65 has been deemed to have emanated from Site 63. Therefore, no action vis-à-vis groundwater is required for Site 65. NJDEP issued a Consent Judgment Compliance Letter (Unrestricted Use for CCPW and CCPW-related metals) dated April 6, 2020 for groundwater at Site 65. Pursuant to the MOU and First Consent Order described in General Note 4 to this Master Schedule, the groundwater media, contaminants and AOCs referenced in the First Consent Order for Site 65 were removed from the jurisdiction of the JCO and the 2011 Consent Judgment.
Site 107, Site 108 and Conrail Right-of-Way	(see non-GAG Soils table)	N/A	N/A	RIR/RAWP Submittal: November 2021		TBD	RIR/RAWP Submittal assumes groundwater field work commences in April 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. Pursuant to the MOU and First Consent Order described in General Note 4 to this Master Schedule, the groundwater media, contaminants and AOCs referenced in the First Consent Order for Site 156 were removed from the jurisdiction of the JCO and the 2011 Consent Judgment.
Site 174	(see non-GAG Soils table)	N/A	N/A	RIR/RAWP Submittal: November 2021		TBD	RIR/RAWP Submittal assumes installation of the groundwater monitoring well approved by NJDEP commences in May 2021.
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: January 29, 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. 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 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.

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

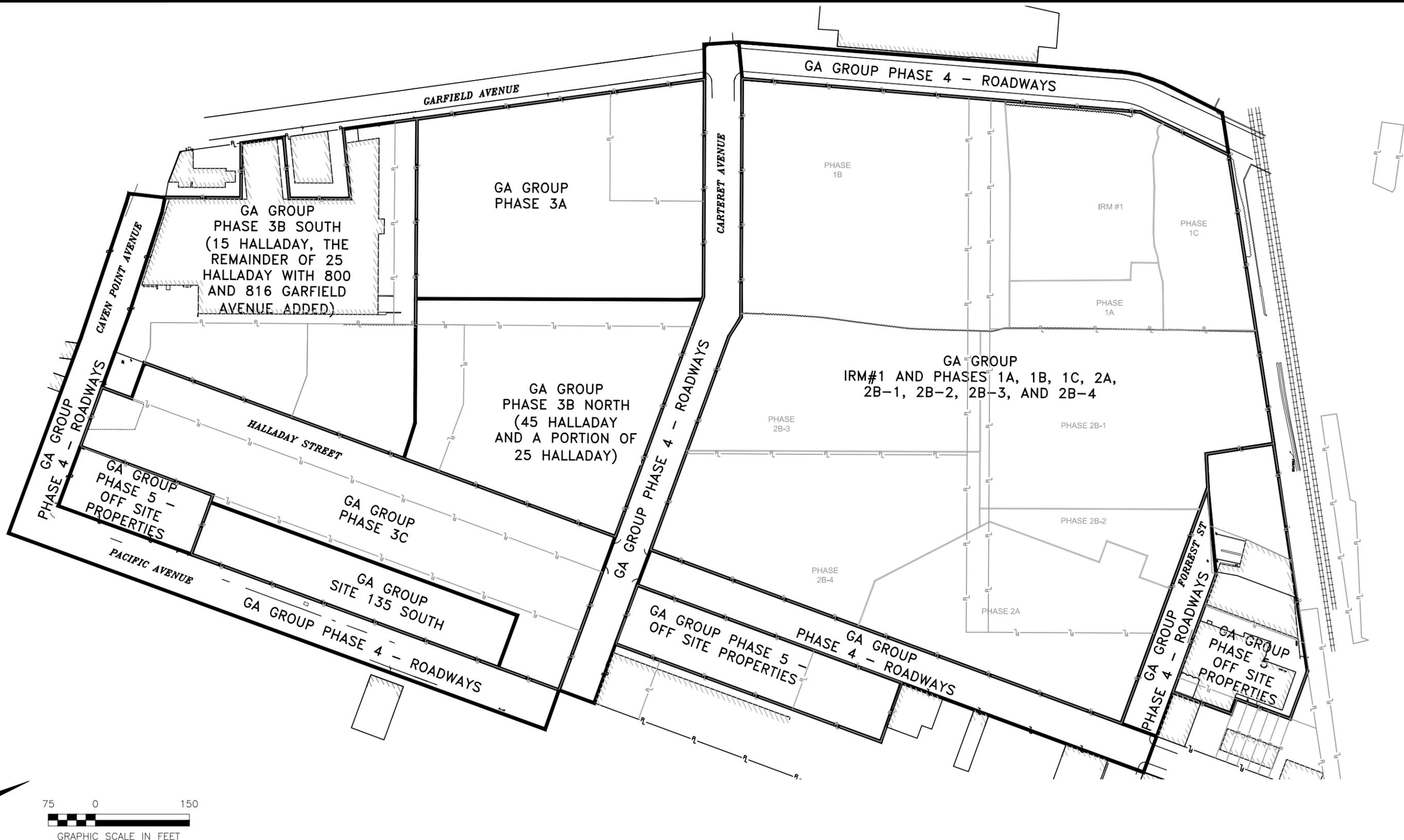
**(Exhibit 2/3)**

**Revision Date: January 29, 2021**

**(See General Note 2 re Potential COVID-19 Impacts on the Milestones set forth in this Master Schedule)**

**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



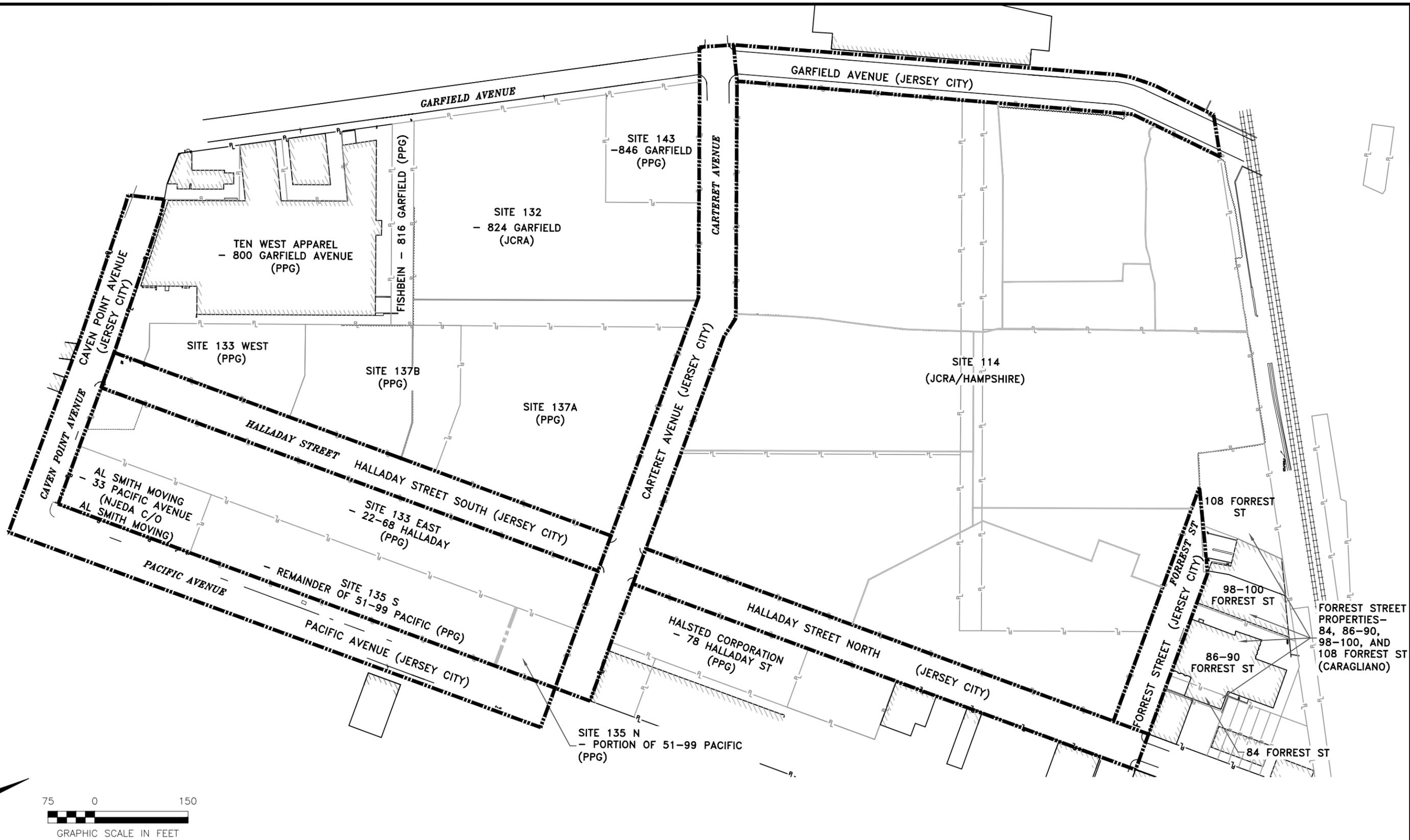
NOTES:

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)**



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

**Jody Overmyer**  
Senior Remediation Project Manager

January 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  
2Q20 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 2020, 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 32.2% of the manpower employed on the project. Jersey City residents accounted for a total of 2,512 manhours or 27.5% of the manpower used on the project during the second quarter, and 294,075 manhours or 29.6% 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  
Q2 2020 Local Employment Report  
January 29, 2021

	ACT Electric	Borbas Surveying	Cascade Drilling	Creamer	ENTACT	Evoqua	G4S	Newterra	Totals
January	0	0		0	760	0	432		1,192
	32	64		240	4,384	833	672		6,225
February					554	0	335		889
					3,304	674	672		4,650
March					662	0	423		1,085
					3,800	564	839		5,203
April		0	0	0	132	0	320	0	452
		48	480	960	752	143	672	96	3,151
May						0	446		446
						3	840		843
June							384		384
							672		672
July									0
									0
August									0
									0
September									0
									0
October									0
									0
November									0
									0
December									0
									0
<b>Totals:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,108</b>	<b>0</b>	<b>2,340</b>	<b>0</b>	<b>4,448</b>
	32	112	480	1,200	12,240	2,217	4,367	96	20,744

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	9,747	36,057	27.0%
<b>Project Totals:</b>	<b>294,075</b>	<b>993,367</b>	<b>29.6%</b>

**PPG**  
**New Jersey Chrome Project**  
 Non-Garfield Avenue Group Sites  
 Q2 2020 Local Employment Report  
 January 29, 2021

	Site 107	Site 174 Dennis Collins Park			Totals
	SOS Security	ENTACT	G4S	Sklar	
January	514	480	162		1,156
	672	2,116	336		3,124
February	619	472	328		1,419
	840	2,686	672		4,198
March	598	528	368	0	1,494
	792	3,280	839	3	4,914
April		80	336		416
		861	672		1,533
May			471		471
			840		840
June		0	344		344
		32	672		704
July					0
					0
August					0
					0
September					0
					0
October					0
					0
November					0
					0
December					0
					0
<b>Totals:</b>	1,731	1,560	2,008	0	5,299
	2,304	8,975	4,031	3	15,313

**Note: Jersey City Contractors in Red**

<b>JC Resident Hours</b>
Total Hours