

Master Schedule for the NJ PPG Chrome Remediation Sites

(Exhibit 2/3)

Revision Date: July 31, 2019

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)	See Comments	12/31/2013	11/24/2014	1/21/2015	1/31/2018 (see Comments)	October 2019	<p>Site 114 is the subject of pending litigation between PPG, Hampshire, JCRA and the City, but the Court issued an Order granting PPG access to conduct remediation work at this site. Any remaining issues are the subject of mediation between the mediating parties. If the mediation is unsuccessful, the litigation may again become active.</p> <p>Finalization of the Soils Remedial Action Report ("RAR") for Site 114 was delayed as a result of continued discussions among the JCO Stakeholders (see General Notes for definition) regarding the approach for closing out the manufactured gas plant ("MGP") areas of concern ("AOCs") located within Site 114. It was agreed that PSE&G will take the lead on MGP AOCs 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). The RAR Determination date excludes MGP-related AOCs.</p> <p>PPG, the City and Hampshire are negotiating to address remaining soil impacts in a portion of Site 114 referred to as the "Western Sliver" area by the recordation of an easement (or subdivision) designating a narrow strip of the western boundary of Site 114 (parallel to the eastern boundary of Garfield Avenue), including the Western Sliver area, for perpetual use as a 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 easement area is consistent with the Canal Crossing Redevelopment Plan, which calls for the widening of Garfield Avenue.</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)	See Comments	3/4/2014	9/5/2014	5/15/2015	1/31/2018	6/27/2019	<p>Site 132 is the subject of pending litigation between PPG, Hampshire, JCRA and the City, but the Court issued an Order granting PPG access to conduct remediation work at this site. Any remaining issues are the subject of mediation between the mediating parties. If the mediation is unsuccessful, the litigation may again become active.</p> <p>All CCPW has been excavated and the Site restored. An RAR Determination letter was issued on 6/27/2019.</p>
	Site 143 (846 Garfield) (PPG)	PPG Owned	3/4/2014	9/5/2014	5/15/2015	1/31/2018	September 2019	<p>Finalization of the Soils RAR for Site 143 was delayed as a result of continued discussions among the JCO Stakeholders regarding the approach for closing out the MGP AOCs. It was agreed that PSE&G will take the lead on MGP AOCs under the LSRP program. While it was determined that MGP-related contaminants have not emanated from Site 114 onto Site 143, they had been determined to have emanated from Site 114 onto Site 137 North. Since Sites 143 and 137 North were combined into a single RAR, the delay related to Site 137 North also impacted the schedule for the Site 143 RAR Determination.</p>
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	September 2019	<p>During the remediation of Phase 3B North, the southern portion of Site 137 (i.e., Site 137 South) was not able to be remediated because of its proximity to the Ten West Apparel Building, and is now considered part of Phase 3B South under this Master Schedule (see below). Finalization of the Soils RAR for Site 137 North was delayed as a result of continued discussions among the JCO Stakeholders regarding the approach for closing out the MGP AOCs located within this Site. It was agreed that PSE&G will take the lead on MGP AOCs under the LSRP program. The RAR Determination date excludes MGP-related AOCs.</p>
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 this Site. The remaining portion of the planned excavation 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>The access litigation between PPG and Ten West Apparel was settled in April 2017. Pursuant to the terms of settlement, Mid-Newark, L.P., the former owner of the 800 Garfield Avenue property, transferred title to the property to PPG on March 2, 2018. Ten West Apparel is required to vacate the property on or prior to the 24th month following the property transfer, i.e., by March 2020. 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>
	Ten West Apparel (800 Garfield Avenue) (PPG)	PPG Owned						

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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. The RAR Determination Letter for Halladay Street South was issued on 5/2/2019 (exclusive of the referenced grids), but it indicated that several administrative comments related to the closeout of MGP AOCs must be addressed in order to receive final approval of the RAR. It was agreed that PSE&G will take the lead on MGP AOCs under the LSRP program. The RAR Determination date 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)	October 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. Finalization of the combined Soils RAR for Site 133 East and Site 135 was delayed as a result of continued discussions among the JCO Stakeholders regarding the approach for closing out the MGP AOCs located within Site 133 East. It was agreed that PSE&G will take the lead on MGP AOCs under the LSRP program. While it was determined that MGP-related contaminants have not emanated from Site 114 onto Site 135, they had been determined to have emanated from Site 114 onto Site 133 East. Since Site 133 East and Site 135 were combined into a single RAR, the delay related to Site 133 East also impacted the schedule for the Site 135 North RAR Determination. It was agreed that PSE&G will take the lead on MGP AOCs under the LSRP program. The RAR Determination date excludes MGP-related AOCs.
	Site 135 North (Portion of 51-99 Pacific) (PPG)	PPG Owned	2/23/2016	5/25/2016	7/29/2016	1/31/2018		
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	October 2019	Finalization of the Soils RAR for the Site was delayed as a result of continued discussions among the JCO Stakeholders regarding the approach for closing out the MGP AOCs. It was agreed that PSE&G will take the lead on MGP AOCs under the LSRP program. While it was determined that MGP-related contaminants have not emanated from Site 114 onto Site 135, they had been determined to have emanated from Site 114 onto Site 133 East. Since Site 133 East and Site 135 were combined into a single RAR, the delay related to Site 133 East also impacted the schedule for the Site 135 South RAR Determination.
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)	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 redevelopment of the adjacent properties, 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 will be addressed via a restricted use remedy. It was agreed that PSE&G will take the lead on MGP AOCs under the LSRP program. The RAR Determination date excludes MGP-related AOCs. 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.
	Forrest Street Properties 108 Forrest St (Caragliano)	Access complete	3/27/2017	7/19/2017	8/9/2017	5/2/2018	October 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 remaining impacts prior to the property's future residential use. The timing of any redevelopment of the property is unknown and outside of the scope of this Master Schedule. It was agreed that PSE&G will take the lead on MGP AOCs under the LSRP program. The RAR Determination date excludes MGP-related AOCs.

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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	In March 2019, PPG submitted a 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. PPG will propose schedule milestones for implementation of the RAWP within three months of NJDEP approval of and property owner consent to the RAWP; this new schedule may 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 conjunction with the properties' future residential development. The timing of any redevelopment of the property is unknown and outside of the scope of this Master Schedule. It was agreed that PSE&G will take the lead on MGP AOCs under the LSRP program. The RAR Determination date excludes MGP-related AOCs.
	Al Smith Moving (33 Pacific Avenue) (NJEDA c/o Al Smith Moving)	Access 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 letter for soils was issued on 5/28/2019.
GA Group Phase 4 Roadways	Carteret Avenue (Jersey City)	See Comments	6/3/2019	March 2020	April 2020	May 2020	July 2021	Carteret Avenue area/phase includes the Carteret Avenue roadway from the intersection with Garfield Avenue through the intersection with Pacific Avenue. Remediation of this area/phase is made more difficult by the presence of a 96" combined sewer pipe that runs the full length of this area/phase. Following the remediation of this roadway, the JCMUA intends to replace a portion of the 96" sewer pipe and to install a liner in portions of the pipe. The portion of Carteret Avenue from the intersection with Garfield Avenue to approximately 100 feet beyond the intersection with Halladay Street is closed. Large portions of this roadway will remain closed during the remediation of this roadway by PPG and the subsequent sewer pipe work to be performed by the JCMUA. PPG, the City and the JCMUA executed a Memorandum of Understanding in January 2019 with respect to the planning for the remediation of this roadway and the sewer pipe work. It was agreed that PSE&G will take the lead on MGP AOCs under the LSRP program. The RAR Determination date excludes MGP-related AOCs. 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.
	Halladay Street North (Jersey City)	See Comments	March 2020	July 2020	September 2020	October 2020	December 2021	PPG and JCMUA agreed to permanently reroute the sewer flow in a 30" sewer line that exists in this roadway and abandon a portion of that sewer line, which will enable PPG to have unfettered access to conduct the excavation work in this roadway (i.e., portions of the roadway located between Forrest Street and Carteret Avenue). The JCMUA is anticipating completion of the sewer rerouting by September 2019. When remedial action is implemented in Halladay Street North, residual contamination on the western boundary of the Halsted Corporation site will be addressed. It was agreed that PSE&G will take the lead on MGP AOCs under the LSRP program. The RAR Determination date excludes MGP-related AOCs. 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.

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GA Group Phase 4 Roadways (continued)	Forrest Street (Jersey City)	See Comments	3/27/2017	8/4/2017	9/1/2017	6/27/2018	October 2019	<p>The Principals agreed that Forrest Street and Forrest Street Properties shall be considered one combined site for the purpose of the Excavation Start milestone set forth herein.</p> <p>PPG, the City, NJDEP and the adjacent Forrest Street property owner reached a conceptual understanding regarding a remedial approach for Forrest Street that called for the excavation and backfilling of impacted soils for a portion of this roadway and a restricted use remedy adjacent to the buildings located on the Forrest Street Properties where excavation was prohibited so as to avoid structural damage to the buildings. Excavation and backfilling of the agreed upon area was completed and engineering controls were installed to address remaining impacts in the roadway adjacent to the Forrest Street Properties buildings. PPG maintains responsibility for addressing remaining impacted soils whenever utility work beneath the Forrest Street roadway is necessary. PPG will conduct remedial excavation of the remaining impacts in the roadway in conjunction with the Forrest Street Properties' future residential development. The timing of any redevelopment of the Forrest Street Properties is unknown and outside of the scope of this Master Schedule.</p> <p>It was agreed that PSE&G will take the lead on MGP AOCs under the LSRP program. The RAR Determination date excludes MGP-related AOCs.</p> <p>A portion of 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 as to the need for a capillary break in those portions of this Site.</p>
	Garfield Avenue (Jersey City)	See Comments	See Comments	See Comments	See Comments	See Comments	October 2020	<p>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 Remedial Action Work Plan (RAWP). The RAWP calls for, among other things, deferring excavation of shallow impacts until the street is closed/partially closed for street widening work by the City. The RAWP is currently under review by the Parties.</p> <p>PPG, the City and Hampshire are negotiating to address remaining soil impacts in a portion of Site 114 referred to as the "Western Sliver" area by the recordation of an easement (or subdivision) designating a narrow strip of the western boundary of Site 114 (parallel to the eastern boundary of Garfield Avenue), including the Western Sliver area, for perpetual use as a 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 easement area is consistent with the Canal Crossing Redevelopment Plan, which calls for the widening of Garfield Avenue.</p>
	Pacific Avenue/Caven Point Avenue	See Comments	See Comments	See Comments	See Comments	See Comments	See Comments	June 2021

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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)	November 2020	January 2021	September 2021	December 2022	PPG completed excavation and backfilling of the exterior area of this property in June 2015. PPG and the property owner are in mediation with the Site Administrator concerning the remedy for the impacts under the building structure. 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 was issued by NJDEP on January 30, 2018.
Site 65	Burma Road/Morris Pesin Drive (Jersey City)	See Comments	4/28/2014	Not Applicable (See Comments)	Not Applicable (See Comments)	Not Applicable (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 letter was issued on 5/31/19. A Remedial Action Permit is pending.
Site 107	Fashionland (Site 107 – Ancam, LLC, aka EMI)	107 - Access agreement in place	6/13/2018 (See Comments)	November 2019	December 2019	December 2019	March 2021	Milestones have been extended beyond those identified in the last version of this Master Schedule (January 24, 2019) due to the remedial excavation extending beyond the previously-anticipated limits.
Conrail Right-of-Way (AOC Adjacent to Site 107 and Site 108)	Conrail Right-of-Way	See Comments	6/13/2018 (See Comments)	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 recent discovery of CCPW along the limits of excavation established to protect the rail infrastructure. As a result, 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 date for Site 107 and Site 108 soils to be achieved independent of the Conrail remedy RAR Determination. PPG and Conrail will negotiate access for additional work in the right-of-way.
Site 108	Albanil Dyestuff (Site 108 - American Self Storage Liberte, LLC)	See Comments	6/13/2018 (See Comments)	TBD (See Comments)	TBD (See Comments)	TBD (See Comments)	TBD (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. Excavation at Site 108 was more extensive than had been anticipated. PPG is currently reevaluating the anticipated remedial limits and is in discussions with the property owner with respect to a scope of work, the timing of implementation of the work and arrangements for access.
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 the soils AOC (other than the footprint of the Boiler Room) and the groundwater AOC was issued on 6/28/2019.
							Boiler Room: See Comments	The Boiler Room (AOC #3) remedial action (i.e., installation of a floor coating to act as an engineering control) has been postponed, at the property owner’s request, while the property owner completes electrical work in the Boiler Room. The remedial action will resume upon authorization to proceed from the property owner. An RAR Determination Date for the Boiler Room will be established at that time.
Site 174	Dennis Collins Park (City of Bayonne)	Access agreement (See Comments)	4/8/2013	9/30/2016	9/30/2016	9/30/2016 (See Comments)	September 2020	PPG completed focused excavation, backfilling, and restoration of a portion of the Park in September 2016. PPG conducts weekly inspections of the Park, which will continue until the final remedy is installed. 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. The existing Access Agreement between PPG and the City of Bayonne has been amended to allow PPG continuing access to the Site to complete the remediation of CCPW and any future maintenance and monitoring of engineering controls that is required. PPG, the City of Bayonne, and Green Acres are negotiating an access agreement that incorporates Green Acres requirements for implementation of the final remedy. That Agreement is expected to be effective from October 2019 to April 2022. The RAR Determination milestone assumes capping installation starts on or before October 2019. Commencement of the capping work at the Park awaits approval by NJDEP of a waterfront development permit application for installation of an engineering control along the shoreline of the Kill Van Kull and approval by the Army Corps of Engineers of a USACOE Nationwide General Permit 38. That shoreline work must be completed in conjunction with the capping of the Park.

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SOILS – NON-GARFIELD AVENUE SITES

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 was issued July 15, 2015.
457 Communipaw	457 Communipaw Right-of-Way (285 Lincoln Avenue, LLC)	See Comments	TBD	TBD	TBD	TBD	TBD	The portion of this area in the right-of-way has been fully remediated by PPG. It was determined, however, that CCPW impacts extend onto 457 Communipaw Avenue (privately owned) and several parcels owned by JCRA. 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 negotiated.

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GROUNDWATER

GA GROUP GROUNDWATER MILESTONES							
Group/Phase or Site	Property Description (Owner)	IRM 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. 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)	December 2019	December 2022	N/A	N/A	N/A	Conceptually, Phase II of the IRM will implement bio-precipitation in the intermediate and 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.
GW IRM Phase III	South of Carteret (PPG & JCRA)	December 2020	December 2023	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.
IRM Phase IV or RAWP	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	January 2020	N/A	N/A	RIR must address shallow, intermediate, deep and bedrock groundwater zones. The draft GW RIR was submitted to NJDEP in October 2018. PPG plans to resubmit the GW RIR in November 2019. Access has been obtained for many of the properties included in the scope of the remedial investigation. However, as full delineation is required, access may be required to other properties. Access to these other properties will need to be obtained at a future date as needed and could impact the dates listed.
Remedial Action Work Plan	Entire Site Group	N/A	N/A	N/A	May 2021	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. Areas with soil remediated after submittal of the groundwater RAWP can be addressed through addenda to the groundwater RAWP as an alternate approach.
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	RIR/RAWP Submittal: 4/15/2019		TBD	PPG submitted the draft Groundwater Remedial Investigation Report/Remedial Action Work Plan on April 15, 2019.
Site 63	(see non-GAG Soils table)	N/A	N/A	RIR/RAWP Submittal: 5/13/2019 (See Comments)		TBD	PPG submitted the draft Groundwater Remedial Investigation Report/Remedial Action Work Plan on 5/13/2019.
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.
Site 107, Site 108 and Conrail Right-of-Way	(see non-GAG Soils table)	N/A	N/A	RIR/RAWP Submittal: January 2021		TBD	RIR/RAWP submittal Milestone assumes restoration complete is achieved in December 2019.
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 6/28/2019.

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GROUNDWATER

GA GROUP GROUNDWATER MILESTONES							
Group/Phase or Site	Property Description (Owner)	IRM Start	IRM Performance Monitoring Complete	Remedial Investigation Report Submitted	Remedial Action Work Plan Submitted	Remedial Action Report Submitted	Comments
Site 174	(see non-GAG Soils table)	N/A	N/A	RIR/RAWP Submittal: August 2019		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.

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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 that certain 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). 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.

SOILS NOTES:

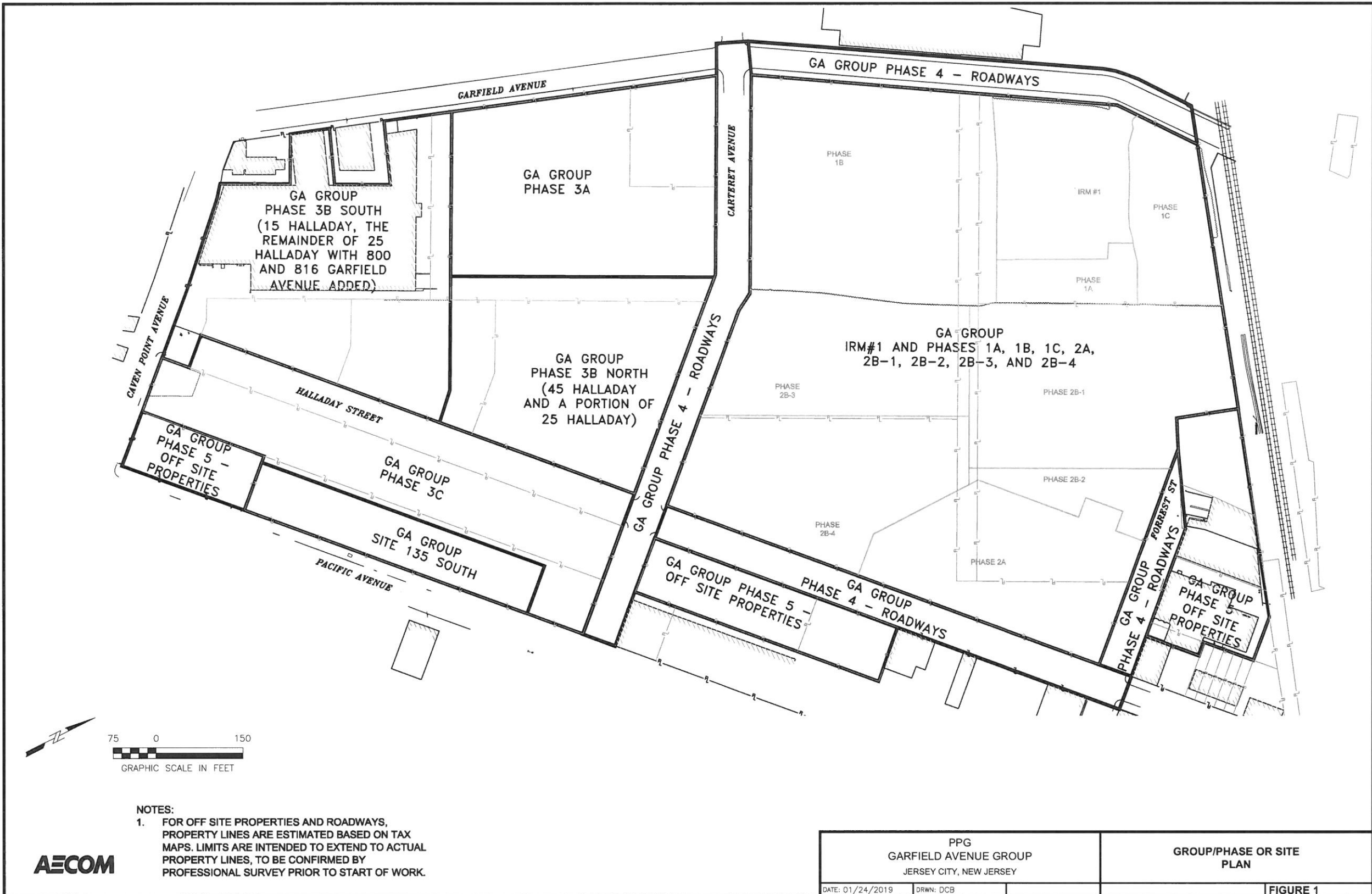
- 1) Green shading indicates that milestones have been attained.
- 2) “Excavation Start” means access has been gained, building demolition and shoring installation, if required, have been completed, there are no known impediments to proceeding with excavation and excavation has actually commenced.
- 3) For Garfield Avenue Group Sites, PPG is currently addressing groundwater treatment plant capacity issues and permitting limitations.
- 4) For Garfield Avenue Group Sites, “Backfill Complete” means backfill is brought to elevations approved by NJDEP.
- 5) 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 in principle by all Parties.
- 6) 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.
- 7) For the purpose of this Master Schedule, “RAR Determination” means that the Department will determine whether the Remedial Action Report (RAR) meets the requirements of applicable Department regulations and guidance. The Department will determine whether the milestone identified in the Exhibit is achieved 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).
- 8) 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.
- 9) NJ Transit Right-of-Way (ROW): CCPW located beneath this ROW will be addressed concurrent with Site 199, as part of remediation requirements specified in the 2011 Consent Order (Orphan Sites Agreement).

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

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 User: Amy.Krayer Plotted: Jan 24, 2019 - 9:53am
 File: P:\Jobs\Rem_Eng\Project Files\PPG Industries\Garfield Avenue\30% Design\CADD\MEETING FIGURES\2016-07-28 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: 01/24/2019	DRWN: DCB	FIGURE 1

Piscataway on uspsw2\p001\Data_uspsw2\p001\Environment\U
 User: Amy Krayner Plotted: Jan 24, 2019 - 9:54am
 File: P:\Jobs\Rem_Eng\Project Files\PPG Industries\Garfield Avenue\30% Design\CADD\MEETING FIGURES\2016-07-28 GAG Vicinity Ref Figure 2.dwg Layout: FIGURE 2

