

Addendum to Groundwater Remedial Investigation Report and Groundwater Remedial Action Work Plan for Bedrock  
Water-Bearing Zone  
Garfield Avenue Group of Sites  
PPG, Jersey City, New Jersey

## **Appendix C**

### **Well Documentation**

Addendum to Groundwater Remedial Investigation Report and Groundwater Remedial Action Work Plan for Bedrock  
Water-Bearing Zone  
Garfield Avenue Group of Sites  
PPG, Jersey City, New Jersey

## **Well Permits**

**114-MW16B**

**Electronic Well Permit  
Unavailable. Hard copy  
only.**

**WELL PERMIT**

Modification of 2600081206

The New Jersey Department of Environmental Protection grants this permit in accordance with your application, attachments accompanying same application, and applicable laws and regulations. This permit is also subject to further conditions and stipulations enumerated in the supporting documents which are agreed to by the permittee upon acceptance of the permit

**Certifying Driller:** JOSEPH KURZYNOWSKI, MASTER LICENSE # 0001618

**Permit Issued to:** AQUIFER DRILLING & TESTING

**Company Address:** 75 EAST SECOND ST MINEOLA, NY 11501

**PROPERTY OWNER**

Name: JERSEY CITY REDEVELOPMENT AGENCY

Organization: Jersey City Redevelopment Agency

Address: 66 York St.

City: Jersey City State: New Jersey Zip Code: 07302

**PROPOSED WELL LOCATION**

Facility Name: PPG

Address: 880 GARFIELD AVE. PPG SITE 114PPG

County: Hudson Municipality: Jersey City Lot: 18.01 Block: 21501

Easting (X): 610818 Northing (Y): 683260  
Coordinate System: NJ State Plane (NAD83) - USFEET

Local ID: 114-MW4D

**SITE CHARACTERISTICS**

**PROPOSED CONSTRUCTION**

WELL USE: MONITORING

Other Use(s):

Diameter (in.): 2

Regulatory Program

Requiring Wells/Borings:

Depth (ft.): 132

Case ID Number:

Pump Capacity (gpm): 0

Deviation Requested: Y

Drilling Method: Sonic

Attachments: 1295441 Rock well diviation.pdf

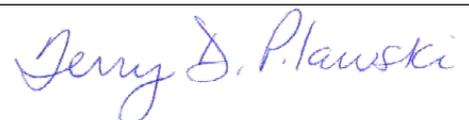
**SPECIFIC CONDITIONS/REQUIREMENTS**

Well must be built in accordance with submitted deviation [N.J.A.C. 7.9D-2.8]

Approval Date: October 21, 2021

Expiration Date: October 21, 2022

Approved by the authority of:  
Shawn M. LaTourette  
Acting Commissioner



Terry Pilawski, Chief  
Bureau of Water Allocation and Well Permitting

**WELL PERMIT**  
 Modification of 2600081206

<b>DEVIATION INFORMATION</b>	
Purpose:	
Unusual Conditions:	
Reason for Deviation:	
Proposed Well Construction	

**GENERAL CONDITIONS/REQUIREMENTS**

A copy of this permit shall be kept at the worksite / on the property and shall be exhibited upon request. [N.J.A.C. 7:9D-1]
A well record must be submitted by the well driller to the Bureau of Water Systems and Well Permitting. Unless prior written approval is obtained from the Bureau of Water Systems and Well Permitting the well record shall be submitted electronically through the New Jersey Department of Environmental Protection's Regulatory Services Portal Submit Well Record: within ninety (90) days after the well is completed.[N.J.A.C. 7:9D-1]
All well drilling/pump installation activities shall comply with N.J.A.C. 7:9D-1 et seq. [N.J.A.C. 7:9D-1]
For this permit to remain valid, the well approved in this permit shall be constructed within one year of the effective date of the permit. [N.J.A.C. 7:9D-1]
If the pump capacity applied for is less than 70 gpm, no subsequent increase to 70 gpm or more shall be made without prior approval of the Bureau of Water Systems and Well Permitting. [N.J.A.C. 7:9D-1]
If the use of the well is to be changed a well permit for the proposed use of the well shall be submitted for review and approval. [N.J.A.C. 7:9D-1]
If you or a future property owner intend to redesignate this well as a Category 1 well (domestic, non-public, community water supply or public non-community water supply wells), the well must be constructed as a Category 1 well per the Well Construction and Abandonment Regulations at N.J.A.C. 7:0D-1.1 et seq. In addition, if the current or future property owner intends to have this well redesignated as a community water supply well, the well must be constructed by a Master well driller, which would include having a Master well driller on-site at all times during construction of the well, as specified in the Well Construction and Abandonment Regulations. Otherwise, the New Jersey Department of Environmental Protection will not allow the well to be redesignated, and a new well would have to be installed. [N.J.A.C. 7:9D-1.7((a))1i]
In accepting this permit the Property Owner and Driller agree to abide by the following terms and conditions [N.J.A.C. 7:9D-1]
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In the event this well is abandoned, the Owner or Well driller shall assume full responsibility for having the well decommissioned in a manner satisfactory to the New Jersey Department of Environmental Protection in accordance with the provisions of N.J.A.C. 7:9D-1 et seq. [N.J.A.C. 7:9D-1]
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This permit conveys no rights, either expressed, or implied to divert water. [N.J.A.C. 7:9D-1]
This permit does not waive the obtaining of Federal or other State or local Government consent when necessary. This permit is not valid and no work shall be undertaken until such time as all other required approvals and permits have been obtained. [N.J.A.C. 7:9D-1]
This permit is NONTRANSFERABLE [N.J.A.C. 7:9D]
This well shall not be used for the supply of potable / drinking water. [N.J.A.C. 7:9D-1]

**WELL PERMIT**

New Well

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**Certifying Driller:** SHAWN TIBBETTS, ENV RESOURCE GEOTEC LICENSE # 587209

**Permit Issued to:** AQUIFER DRILLING & TESTING

**Company Address:** 75 EAST SECOND ST MINEOLA, NY 11501

**PROPERTY OWNER**

Name: JODY OVERMEYER

Organization: Jersey City Redevelopment Agency

Address: 66 York Street

City: Jersey City State: New Jersey Zip Code: 07302

**PROPOSED WELL LOCATION**

Facility Name: PPG Garfield Avenue Group Site 114

Address: 884 Garfield Ave

County: Hudson Municipality: Jersey City Lot: 19.01 Block: 21501

Easting (X): 611077 Northing (Y): 683544  
Coordinate System: NJ State Plane (NAD83) - USFEET

**Local ID:** 114-MW52D

**SITE CHARACTERISTICS**

**PROPOSED CONSTRUCTION**

**WELL USE:** MONITORING

Other Use(s): \_\_\_\_\_

Diameter (in.): 4

Regulatory Program

Requiring Wells/Borings: \_\_\_\_\_

Depth (ft.): 125

Case ID Number: \_\_\_\_\_

Pump Capacity (gpm): 0

Deviation Requested: N

Drilling Method: Sonic

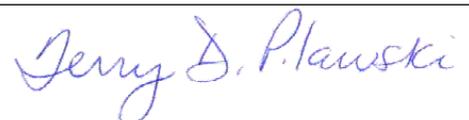
Attachments: \_\_\_\_\_

**SPECIFIC CONDITIONS/REQUIREMENTS**

**Approval Date:** November 30, 2020

**Expiration Date:** November 30, 2021

Approved by the authority of:  
Catherine R. McCabe  
Commissioner



Terry Pilawski, Chief  
Bureau of Water Allocation and Well Permitting

**WELL PERMIT**  
 New Well

<b>DEVIATION INFORMATION</b>	
Purpose:	
Unusual Conditions:	
Reason for Deviation:	
Proposed Well Construction	

**GENERAL CONDITIONS/REQUIREMENTS**

A copy of this permit shall be kept at the worksite / on the property and shall be exhibited upon request. [N.J.A.C. 7:9D-1]
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If the pump capacity applied for is less than 70 gpm, no subsequent increase to 70 gpm or more shall be made without prior approval of the Bureau of Water Systems and Well Permitting. [N.J.A.C. 7:9D-1]
If the use of the well is to be changed a well permit for the proposed use of the well shall be submitted for review and approval. [N.J.A.C. 7:9D-1]
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This permit is NONTRANSFERABLE [N.J.A.C. 7:9D]
This well shall not be used for the supply of potable / drinking water. [N.J.A.C. 7:9D-1]

**WELL PERMIT**

New Well

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**Certifying Driller:** SHAWN TIBBETTS, MONITORING LICENSE # 587209

**Permit Issued to:** AQUIFER DRILLING & TESTING

**Company Address:** 75 EAST SECOND ST MINEOLA, NY 11501

**PROPERTY OWNER**

Name: JODY OVERMEYER

Organization: Jersey City Redevelopment Agency

Address: 30 Montgomery Street

City: Jersey City

State: New Jersey

Zip Code: 07302

**PROPOSED WELL LOCATION**

Facility Name: PPG Garfield Avenue Group Site 114

Address: 880 Garfield Avenue

County: Hudson

Municipality: Jersey City

Lot: 18

Block: 21501

Easting (X): 611157 Northing (Y): 683435

**Local ID:** 114-MW53C

Coordinate System: NJ State Plane (NAD83) - USFEET

**SITE CHARACTERISTICS**

**PROPOSED CONSTRUCTION**

**WELL USE:** MONITORING

Other Use(s): \_\_\_\_\_

Diameter (in.): 2

Regulatory Program

Requiring Wells/Borings: \_\_\_\_\_

Depth (ft.): 80

Case ID Number: \_\_\_\_\_

Pump Capacity (gpm): 0

Deviation Requested: N

Drilling Method: Sonic

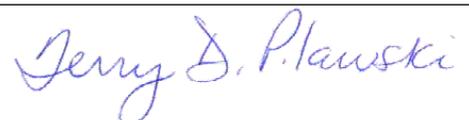
Attachments: \_\_\_\_\_

**SPECIFIC CONDITIONS/REQUIREMENTS**

**Approval Date:** March 13, 2020

**Expiration Date:** March 13, 2021

Approved by the authority of:  
Catherine R. McCabe  
Commissioner



Terry Pilawski, Chief  
Bureau of Water Allocation and Well Permitting

**WELL PERMIT**  
 New Well

<b>DEVIATION INFORMATION</b>	
Purpose:	
Unusual Conditions:	
Reason for Deviation:	
Proposed Well Construction	

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**Company Address:** 75 EAST SECOND ST MINEOLA, NY 11501

**PROPERTY OWNER**

Name: JODY OVERMEYER

Organization: Jersey City Redevelopment Agency

Address: 30 Montgomery Street

City: Jersey City

State: New Jersey

Zip Code: 07302

**PROPOSED WELL LOCATION**

Facility Name: PPG Garfield Avenue Group Site 114

Address: 2 Dakota Street

County: Hudson

Municipality: Jersey City

Lot: 16

Block: 21501

Easting (X): 611442 Northing (Y): 683520

**Local ID:** 114-MW55C

Coordinate System: NJ State Plane (NAD83) - USFEET

**SITE CHARACTERISTICS**

**PROPOSED CONSTRUCTION**

**WELL USE:** MONITORING

Other Use(s): \_\_\_\_\_

Diameter (in.): 2

Regulatory Program

Requiring Wells/Borings: \_\_\_\_\_

Depth (ft.): 80

Case ID Number: \_\_\_\_\_

Pump Capacity (gpm): 0

Deviation Requested: N

Drilling Method: Sonic

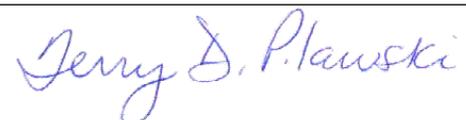
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Approved by the authority of:  
Catherine R. McCabe  
Commissioner



Terry Pilawski, Chief  
Bureau of Water Allocation and Well Permitting

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 New Well

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Unusual Conditions:	
Reason for Deviation:	
Proposed Well Construction	

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Address: 30 Montgomery Street

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**PROPOSED WELL LOCATION**

Facility Name: PPG Garfield Avenue Group Site 114

Address: 880 Garfield Avenue

County: Hudson Municipality: Jersey City Lot: 18 Block: 21501

Easting (X): 610947 Northing (Y): 683199  
Coordinate System: NJ State Plane (NAD83) - USFEET

**Local ID:** 114-MW57C

**SITE CHARACTERISTICS**

**PROPOSED CONSTRUCTION**

**WELL USE:** MONITORING

Other Use(s): \_\_\_\_\_

Diameter (in.): 2

Regulatory Program  
Requiring Wells/Borings: \_\_\_\_\_

Depth (ft.): 80

Case ID Number: \_\_\_\_\_

Pump Capacity (gpm): 0

Deviation Requested: N

Drilling Method: Sonic

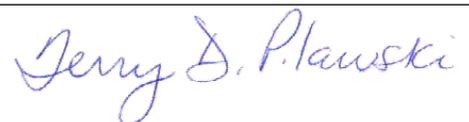
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Unusual Conditions:	
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This permit conveys no rights, either expressed, or implied to divert water. [N.J.A.C. 7:9D-1]
This permit does not waive the obtaining of Federal or other State or local Government consent when necessary. This permit is not valid and no work shall be undertaken until such time as all other required approvals and permits have been obtained. [N.J.A.C. 7:9D-1]
This permit is NONTRANSFERABLE [N.J.A.C. 7:9D]
This well shall not be used for the supply of potable / drinking water. [N.J.A.C. 7:9D-1]

**WELL PERMIT**

New Well

The New Jersey Department of Environmental Protection grants this permit in accordance with your application, attachments accompanying same application, and applicable laws and regulations. This permit is also subject to further conditions and stipulations enumerated in the supporting documents which are agreed to by the permittee upon acceptance of the permit

**Certifying Driller:** SHAWN TIBBETTS, ENV RESOURCE GEOTEC LICENSE # 587209

**Permit Issued to:** AQUIFER DRILLING & TESTING

**Company Address:** 75 EAST SECOND ST MINEOLA, NY 11501

**PROPERTY OWNER**

Name: JODY OVERMEYER

Organization: Jersey City Redevelopment Agency

Address: 66 York Street

City: Jersey City State: New Jersey Zip Code: 07302

**PROPOSED WELL LOCATION**

Facility Name: PPG Garfield Avenue Group Site 114

Address: 880 Garfield Ave

County: Hudson Municipality: Jersey City Lot: 18.01 Block: 21501

Easting (X): 610904 Northing (Y): 683215  
Coordinate System: NJ State Plane (NAD83) - USFEET

**Local ID:** 114-MW57D

**SITE CHARACTERISTICS**

**PROPOSED CONSTRUCTION**

**WELL USE:** MONITORING

Other Use(s): \_\_\_\_\_

Diameter (in.): 4

Regulatory Program

Requiring Wells/Borings: \_\_\_\_\_

Depth (ft.): 125

Case ID Number: \_\_\_\_\_

Pump Capacity (gpm): 0

Deviation Requested: N

Drilling Method: Sonic

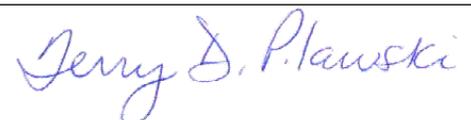
Attachments: \_\_\_\_\_

**SPECIFIC CONDITIONS/REQUIREMENTS**

**Approval Date:** November 30, 2020

**Expiration Date:** November 30, 2021

Approved by the authority of:  
Catherine R. McCabe  
Commissioner



Terry Pilawski, Chief  
Bureau of Water Allocation and Well Permitting

**WELL PERMIT**  
 New Well

<b>DEVIATION INFORMATION</b>	
Purpose:	
Unusual Conditions:	
Reason for Deviation:	
Proposed Well Construction	

**GENERAL CONDITIONS/REQUIREMENTS**

A copy of this permit shall be kept at the worksite / on the property and shall be exhibited upon request. [N.J.A.C. 7:9D-1]
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**WELL PERMIT**

New Well

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**Certifying Driller:** SHAWN TIBBETTS, MONITORING LICENSE # 587209

**Permit Issued to:** AQUIFER DRILLING & TESTING

**Company Address:** 75 EAST SECOND ST MINEOLA, NY 11501

**PROPERTY OWNER**

Name: JODY OVERMEYER

Organization: Jersey City Redevelopment Agency

Address: 30 Montgomery Street

City: Jersey City

State: New Jersey

Zip Code: 07302

**PROPOSED WELL LOCATION**

Facility Name: PPG Garfield Avenue Group Site 114

Address: 70 Carteret Avenue

County: Hudson

Municipality: Jersey City

Lot: 17

Block: 21501

Easting (X): 611370 Northing (Y): 683285

**Local ID:** 114-MW58C

Coordinate System: NJ State Plane (NAD83) - USFEET

**SITE CHARACTERISTICS**

**PROPOSED CONSTRUCTION**

**WELL USE:** MONITORING

Other Use(s): \_\_\_\_\_

Diameter (in.): 2

Regulatory Program

Requiring Wells/Borings: \_\_\_\_\_

Depth (ft.): 80

Case ID Number: \_\_\_\_\_

Pump Capacity (gpm): 0

Deviation Requested: N

Drilling Method: Sonic

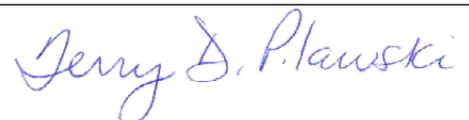
Attachments: \_\_\_\_\_

**SPECIFIC CONDITIONS/REQUIREMENTS**

**Approval Date:** March 13, 2020

**Expiration Date:** March 13, 2021

Approved by the authority of:  
Catherine R. McCabe  
Commissioner



Terry Pilawski, Chief  
Bureau of Water Allocation and Well Permitting

**WELL PERMIT**  
 New Well

<b>DEVIATION INFORMATION</b>	
Purpose:	
Unusual Conditions:	
Reason for Deviation:	
Proposed Well Construction	

**GENERAL CONDITIONS/REQUIREMENTS**

A copy of this permit shall be kept at the worksite / on the property and shall be exhibited upon request. [N.J.A.C. 7:9D-1]
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**Certifying Driller:** JOSEPH KURZYNOWSKI, MASTER LICENSE # 0001618

**Permit Issued to:** AQUIFER DRILLING & TESTING

**Company Address:** 75 EAST SECOND ST MINEOLA, NY 11501

**PROPERTY OWNER**

Name: JERSEY CITY REDEVELOPMENT AGENCY

Organization: Redevelopment Agency

Address: 4 Jackson Square

City: Jersey City

State: New Jersey

Zip Code: 07302

**PROPOSED WELL LOCATION**

Facility Name: PPG

Address: 70 CARTERET AVE

County: Hudson

Municipality: Jersey City

Lot: 17

Block: 21501

Easting (X): 611378 Northing (Y): 683306

Local ID: 114-MW58C-R

Coordinate System: NJ State Plane (NAD83) - USFEET

**SITE CHARACTERISTICS**

**PROPOSED CONSTRUCTION**

WELL USE: MONITORING

Other Use(s): \_\_\_\_\_

Diameter (in.): 2

Regulatory Program

Requiring Wells/Borings: \_\_\_\_\_

Depth (ft.): 79

Case ID Number: \_\_\_\_\_

Pump Capacity (gpm): 0

Deviation Requested: N

Drilling Method: Sonic

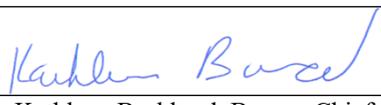
Attachments: \_\_\_\_\_

**SPECIFIC CONDITIONS/REQUIREMENTS**

Approval Date: February 7, 2024

Expiration Date: February 6, 2025

Approved by the authority of:  
Shawn M. LaTourette  
Commissioner

  
Kathleen Burkhard, Bureau Chief  
Bureau of Water Allocation and Well Permitting

**WELL PERMIT**  
 New Well

<b>DEVIATION INFORMATION</b>	
Purpose:	
Unusual Conditions:	
Reason for Deviation:	
Proposed Well Construction	

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**Certifying Driller:** SHAWN TIBBETTS, MONITORING LICENSE # 587209

**Permit Issued to:** AQUIFER DRILLING & TESTING

**Company Address:** 75 EAST SECOND ST MINEOLA, NY 11501

**PROPERTY OWNER**

Name: JODY OVERMEYER

Organization: Jersey City Redevelopment Agency

Address: 30 Montgomery Street

City: Jersey City

State: New Jersey

Zip Code: 07302

**PROPOSED WELL LOCATION**

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Municipality: Jersey City

Lot: 17

Block: 21501

Easting (X): 611344 Northing (Y): 682891

**Local ID:** 114-MW60C

Coordinate System: NJ State Plane (NAD83) - USFEET

**SITE CHARACTERISTICS**

**PROPOSED CONSTRUCTION**

**WELL USE:** MONITORING

Other Use(s): \_\_\_\_\_

Diameter (in.): 2

Regulatory Program

Requiring Wells/Borings: \_\_\_\_\_

Depth (ft.): 80

Case ID Number: \_\_\_\_\_

Pump Capacity (gpm): 0

Deviation Requested: N

Drilling Method: Sonic

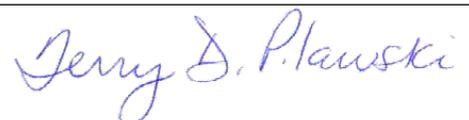
Attachments: \_\_\_\_\_

**SPECIFIC CONDITIONS/REQUIREMENTS**

**Approval Date:** March 13, 2020

**Expiration Date:** March 13, 2021

Approved by the authority of:  
Catherine R. McCabe  
Commissioner



Terry Pilawski, Chief  
Bureau of Water Allocation and Well Permitting

**WELL PERMIT**  
 New Well

<b>DEVIATION INFORMATION</b>	
Purpose:	
Unusual Conditions:	
Reason for Deviation:	
Proposed Well Construction	

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**Permit Issued to:** AQUIFER DRILLING & TESTING

**Company Address:** 75 EAST SECOND ST MINEOLA, NY 11501

**PROPERTY OWNER**

Name: CITY OF JERSEY CITY

Organization: Jersey City

Address: 280 Grove St

City: Jersey City

State: New Jersey

Zip Code: 07302

**PROPOSED WELL LOCATION**

Facility Name: PPG

Address: Halladay Street

County: Hudson

Municipality: Jersey City

Lot: ROADWAY ROW

Block: ROADWAY ROW

Easting (X): 611347 Northing (Y): 682873

**Local ID:** 114-MW60C-R

Coordinate System: NJ State Plane (NAD83) - USFEET

**SITE CHARACTERISTICS**

**PROPOSED CONSTRUCTION**

**WELL USE:** MONITORING

Other Use(s): \_\_\_\_\_

Diameter (in.): 2

Regulatory Program

Requiring Wells/Borings: \_\_\_\_\_

Depth (ft.): 125

Case ID Number: \_\_\_\_\_

Pump Capacity (gpm): 0

Deviation Requested: N

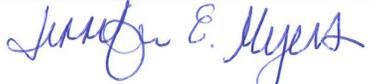
Drilling Method: Sonic

Attachments: \_\_\_\_\_

**SPECIFIC CONDITIONS/REQUIREMENTS**

**Approval Date:** December 1, 2023  
**Expiration Date:** November 30, 2024

Approved by the authority of:  
Shawn M. LaTourette  
Commissioner

  
Jennifer Myers, Section Chief  
Bureau of Water Allocation and Well Permitting

**WELL PERMIT**  
 New Well

<b>DEVIATION INFORMATION</b>	
Purpose:	
Unusual Conditions:	
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<b>GENERAL CONDITIONS/REQUIREMENTS</b>
A copy of this permit shall be kept at the worksite / on the property and shall be exhibited upon request. [N.J.A.C. 7:9D-1]
A well record must be submitted by the well driller to the Bureau of Water Systems and Well Permitting. Unless prior written approval is obtained from the Bureau of Water Systems and Well Permitting the well record shall be submitted electronically through the New Jersey Department of Environmental Protection's Regulatory Services Portal Submit Well Record: within ninety (90) days after the well is completed.[N.J.A.C. 7:9D-1]
All well drilling/pump installation activities shall comply with N.J.A.C. 7:9D-1 et seq. [N.J.A.C. 7:9D-1]
For this permit to remain valid, the well approved in this permit shall be constructed within one year of the effective date of the permit. [N.J.A.C. 7:9D-1]
If the pump capacity applied for is less than 70 gpm, no subsequent increase to 70 gpm or more shall be made without prior approval of the Bureau of Water Systems and Well Permitting. [N.J.A.C. 7:9D-1]
If the use of the well is to be changed a well permit for the proposed use of the well shall be submitted for review and approval. [N.J.A.C. 7:9D-1]
If you or a future property owner intend to redesignate this well as a Category 1 well (domestic, non-public, community water supply or public non-community water supply wells), the well must be constructed as a Category 1 well per the Well Construction and Abandonment Regulations at N.J.A.C. 7:0D-1.1 et seq. In addition, if the current or future property owner intends to have this well redesignated as a community water supply well, the well must be constructed by a Master well driller, which would include having a Master well driller on-site at all times during construction of the well, as specified in the Well Construction and Abandonment Regulations. Otherwise, the New Jersey Department of Environmental Protection will not allow the well to be redesignated, and a new well would have to be installed. [N.J.A.C. 7:9D-1.7((a))1i]
In accepting this permit the Property Owner and Driller agree to abide by the following terms and conditions [N.J.A.C. 7:9D-1]
In the event that this well is not constructed the well driller shall notify the Bureau of Water Systems and Well Permitting of the permit cancellation. Unless prior written approval is obtained from the Bureau of Water Systems and Well Permitting the Cancellation notification shall be submitted electronically through the New Jersey Department of Environmental Protection's Regulatory Services Portal Submit Well Permit Cancellation : by the expiration date of this permit.[N.J.A.C. 7:9D-1]
In the event this well is abandoned, the Owner or Well driller shall assume full responsibility for having the well decommissioned in a manner satisfactory to the New Jersey Department of Environmental Protection in accordance with the provisions of N.J.A.C. 7:9D-1 et seq. [N.J.A.C. 7:9D-1]
The granting of this permit shall not be construed in any way to affect the title or ownership of property, and shall not make the New Jersey Department of Environmental Protection or the State a party in any suit or question of ownership of property. [N.J.A.C. 7:9D-1]
The issuance of this permit shall not be deemed to affect in any way action by the New Jersey Department of Environmental Protection on any future application. [N.J.A.C. 7:9D-1]
This permit conveys no rights, either expressed, or implied to divert water. [N.J.A.C. 7:9D-1]
This permit does not waive the obtaining of Federal or other State or local Government consent when necessary. This permit is not valid and no work shall be undertaken until such time as all other required approvals and permits have been obtained. [N.J.A.C. 7:9D-1]
This permit is NONTRANSFERABLE [N.J.A.C. 7:9D]
This well shall not be used for the supply of potable / drinking water. [N.J.A.C. 7:9D-1]

**114-MW6D**

**Electronic Well Permit  
Unavailable. Hard copy  
only.**

**WELL PERMIT**

Modification of E202012658

The New Jersey Department of Environmental Protection grants this permit in accordance with your application, attachments accompanying same application, and applicable laws and regulations. This permit is also subject to further conditions and stipulations enumerated in the supporting documents which are agreed to by the permittee upon acceptance of the permit

**Certifying Driller:** JOSEPH KURZYNOWSKI, MASTER LICENSE # 0001618

**Permit Issued to:** AQUIFER DRILLING & TESTING

**Company Address:** 75 EAST SECOND ST MINEOLA, NY 11501

**PROPERTY OWNER**

Name: JERSEY CITY REDEVELOPMENT AGENCY

Organization: Jersey City Redevelopment Agency

Address: 66 York St.

City: Jersey City

State: New Jersey

Zip Code: 07302

**PROPOSED WELL LOCATION**

Facility Name: PPG Garfield Avenue Group Site 114

Address: 880 Garfield Ave

County: Hudson

Municipality: Jersey City

Lot: 18.01

Block: 21501

Easting (X): 610872 Northing (Y): 683469

Local ID: 114-MW61D

Coordinate System: NJ State Plane (NAD83) - USFEET

**SITE CHARACTERISTICS**

**PROPOSED CONSTRUCTION**

**WELL USE:** MONITORING

Other Use(s):

Diameter (in.): 2

Regulatory Program

Requiring Wells/Borings:

Depth (ft.): 134

Case ID Number:

Pump Capacity (gpm): 0

Deviation Requested: Y

Drilling Method: Sonic

Attachments: 1294623 Rock well diviation.pdf

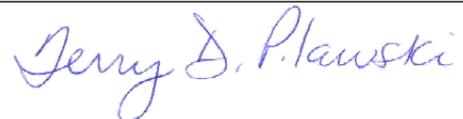
**SPECIFIC CONDITIONS/REQUIREMENTS**

Well must be built in accordance with submitted deviation [N.J.A.C. 7.9D-2.8]

**Approval Date:** October 20, 2021

**Expiration Date:** October 20, 2022

Approved by the authority of:  
Shawn M. LaTourette  
Acting Commissioner



Terry Pilawski, Chief  
Bureau of Water Allocation and Well Permitting

**WELL PERMIT**  
 Modification of E202012658

<b>DEVIATION INFORMATION</b>	
Purpose:	
Unusual Conditions:	
Reason for Deviation:	
Proposed Well Construction	

<b>GENERAL CONDITIONS/REQUIREMENTS</b>
A copy of this permit shall be kept at the worksite / on the property and shall be exhibited upon request. [N.J.A.C. 7:9D-1]
A well record must be submitted by the well driller to the Bureau of Water Systems and Well Permitting. Unless prior written approval is obtained from the Bureau of Water Systems and Well Permitting the well record shall be submitted electronically through the New Jersey Department of Environmental Protection's Regulatory Services Portal Submit Well Record: within ninety (90) days after the well is completed.[N.J.A.C. 7:9D-1]
All well drilling/pump installation activities shall comply with N.J.A.C. 7:9D-1 et seq. [N.J.A.C. 7:9D-1]
For this permit to remain valid, the well approved in this permit shall be constructed within one year of the effective date of the permit. [N.J.A.C. 7:9D-1]
If the pump capacity applied for is less than 70 gpm, no subsequent increase to 70 gpm or more shall be made without prior approval of the Bureau of Water Systems and Well Permitting. [N.J.A.C. 7:9D-1]
If the use of the well is to be changed a well permit for the proposed use of the well shall be submitted for review and approval. [N.J.A.C. 7:9D-1]
If you or a future property owner intend to redesignate this well as a Category 1 well (domestic, non-public, community water supply or public non-community water supply wells), the well must be constructed as a Category 1 well per the Well Construction and Abandonment Regulations at N.J.A.C. 7:0D-1.1 et seq. In addition, if the current or future property owner intends to have this well redesignated as a community water supply well, the well must be constructed by a Master well driller, which would include having a Master well driller on-site at all times during construction of the well, as specified in the Well Construction and Abandonment Regulations. Otherwise, the New Jersey Department of Environmental Protection will not allow the well to be redesignated, and a new well would have to be installed. [N.J.A.C. 7:9D-1.7((a))1i]
In accepting this permit the Property Owner and Driller agree to abide by the following terms and conditions [N.J.A.C. 7:9D-1]
In the event that this well is not constructed the well driller shall notify the Bureau of Water Systems and Well Permitting of the permit cancellation. Unless prior written approval is obtained from the Bureau of Water Systems and Well Permitting the Cancellation notification shall be submitted electronically through the New Jersey Department of Environmental Protection's Regulatory Services Portal Submit Well Permit Cancellation : by the expiration date of this permit.[N.J.A.C. 7:9D-1]
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The issuance of this permit shall not be deemed to affect in any way action by the New Jersey Department of Environmental Protection on any future application. [N.J.A.C. 7:9D-1]
This permit conveys no rights, either expressed, or implied to divert water. [N.J.A.C. 7:9D-1]
This permit does not waive the obtaining of Federal or other State or local Government consent when necessary. This permit is not valid and no work shall be undertaken until such time as all other required approvals and permits have been obtained. [N.J.A.C. 7:9D-1]
This permit is NONTRANSFERABLE [N.J.A.C. 7:9D]
This well shall not be used for the supply of potable / drinking water. [N.J.A.C. 7:9D-1]

**WELL PERMIT**

New Well

The New Jersey Department of Environmental Protection grants this permit in accordance with your application, attachments accompanying same application, and applicable laws and regulations. This permit is also subject to further conditions and stipulations enumerated in the supporting documents which are agreed to by the permittee upon acceptance of the permit

**Certifying Driller:** SHAWN TIBBETTS, MONITORING LICENSE # 587209

**Permit Issued to:** AQUIFER DRILLING & TESTING

**Company Address:** 75 EAST SECOND ST MINEOLA, NY 11501

**PROPERTY OWNER**

Name: JODI OVERMEYER

Organization: 900 Garfield Ave, %Ryan LLC

Address: 1735 MARKET ST.,STE A-400

City: Philadelphia State: Pennsylvania Zip Code: 19103

**PROPOSED WELL LOCATION**

Facility Name: PPG Garfield Avenue Group Site 114

Address: 900 Garfield Avenue

County: Hudson Municipality: Jersey City Lot: 20 Block: 21501

Easting (X): 611153 Northing (Y): 683756  
Coordinate System: NJ State Plane (NAD83) - USFEET

**Local ID:** 114-MW62C

**SITE CHARACTERISTICS**

**PROPOSED CONSTRUCTION**

**WELL USE:** MONITORING

Other Use(s): \_\_\_\_\_

Diameter (in.): 2

Regulatory Program

Requiring Wells/Borings: \_\_\_\_\_

Depth (ft.): 80

Case ID Number: \_\_\_\_\_

Pump Capacity (gpm): 0

Deviation Requested: N

Drilling Method: Sonic

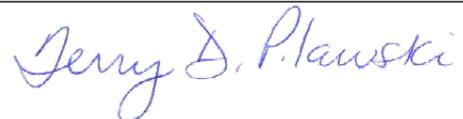
Attachments: \_\_\_\_\_

**SPECIFIC CONDITIONS/REQUIREMENTS**

**Approval Date:** March 13, 2020

**Expiration Date:** March 13, 2021

Approved by the authority of:  
Catherine R. McCabe  
Commissioner



Terry Pilawski, Chief  
Bureau of Water Allocation and Well Permitting

**WELL PERMIT**  
 New Well

<b>DEVIATION INFORMATION</b>	
Purpose:	
Unusual Conditions:	
Reason for Deviation:	
Proposed Well Construction	

<b>GENERAL CONDITIONS/REQUIREMENTS</b>
A copy of this permit shall be kept at the worksite / on the property and shall be exhibited upon request. [N.J.A.C. 7:9D-1]
A well record must be submitted by the well driller to the Bureau of Water Systems and Well Permitting. Unless prior written approval is obtained from the Bureau of Water Systems and Well Permitting the well record shall be submitted electronically through the New Jersey Department of Environmental Protection's Regulatory Services Portal Submit Well Record: within ninety (90) days after the well is completed.[N.J.A.C. 7:9D-1]
All well drilling/pump installation activities shall comply with N.J.A.C. 7:9D-1 et seq. [N.J.A.C. 7:9D-1]
For this permit to remain valid, the well approved in this permit shall be constructed within one year of the effective date of the permit. [N.J.A.C. 7:9D-1]
If the pump capacity applied for is less than 70 gpm, no subsequent increase to 70 gpm or more shall be made without prior approval of the Bureau of Water Systems and Well Permitting. [N.J.A.C. 7:9D-1]
If the use of the well is to be changed a well permit for the proposed use of the well shall be submitted for review and approval. [N.J.A.C. 7:9D-1]
If you or a future property owner intend to redesignate this well as a Category 1 well (domestic, non-public, community water supply or public non-community water supply wells), the well must be constructed as a Category 1 well per the Well Construction and Abandonment Regulations at N.J.A.C. 7:0D-1.1 et seq. In addition, if the current or future property owner intends to have this well redesignated as a community water supply well, the well must be constructed by a Master well driller, which would include having a Master well driller on-site at all times during construction of the well, as specified in the Well Construction and Abandonment Regulations. Otherwise, the New Jersey Department of Environmental Protection will not allow the well to be redesignated, and a new well would have to be installed. [N.J.A.C. 7:9D-1.7((a))1i]
In accepting this permit the Property Owner and Driller agree to abide by the following terms and conditions [N.J.A.C. 7:9D-1]
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In the event this well is abandoned, the Owner or Well driller shall assume full responsibility for having the well decommissioned in a manner satisfactory to the New Jersey Department of Environmental Protection in accordance with the provisions of N.J.A.C. 7:9D-1 et seq. [N.J.A.C. 7:9D-1]
The granting of this permit shall not be construed in any way to affect the title or ownership of property, and shall not make the New Jersey Department of Environmental Protection or the State a party in any suit or question of ownership of property. [N.J.A.C. 7:9D-1]
The issuance of this permit shall not be deemed to affect in any way action by the New Jersey Department of Environmental Protection on any future application. [N.J.A.C. 7:9D-1]
This permit conveys no rights, either expressed, or implied to divert water. [N.J.A.C. 7:9D-1]
This permit does not waive the obtaining of Federal or other State or local Government consent when necessary. This permit is not valid and no work shall be undertaken until such time as all other required approvals and permits have been obtained. [N.J.A.C. 7:9D-1]
This permit is NONTRANSFERABLE [N.J.A.C. 7:9D]
This well shall not be used for the supply of potable / drinking water. [N.J.A.C. 7:9D-1]

**WELL PERMIT**

New Well

The New Jersey Department of Environmental Protection grants this permit in accordance with your application, attachments accompanying same application, and applicable laws and regulations. This permit is also subject to further conditions and stipulations enumerated in the supporting documents which are agreed to by the permittee upon acceptance of the permit

**Certifying Driller:** SHAWN TIBBETTS, MONITORING LICENSE # 587209

**Permit Issued to:** AQUIFER DRILLING & TESTING

**Company Address:** 75 EAST SECOND ST MINEOLA, NY 11501

**PROPERTY OWNER**

Name: JODI OVERMEYER

Organization: Jersey City Redevelopment Agency

Address: 30 Montgomery Street

City: Jersey City State: New Jersey Zip Code: 07302

**PROPOSED WELL LOCATION**

Facility Name: PPG Garfield Avenue Group Site 114

Address: 70 Carteret Avenue

County: Hudson Municipality: Jersey City Lot: 17 Block: 21501

Easting (X): 611381 Northing (Y): 683046  
Coordinate System: NJ State Plane (NAD83) - USFEET

**Local ID:** 114-MW64C

**SITE CHARACTERISTICS**

**PROPOSED CONSTRUCTION**

**WELL USE:** MONITORING

Other Use(s): \_\_\_\_\_

Diameter (in.): 2

Regulatory Program

Requiring Wells/Borings: \_\_\_\_\_

Depth (ft.): 80

Case ID Number: \_\_\_\_\_

Pump Capacity (gpm): 0

Deviation Requested: N

Drilling Method: Sonic

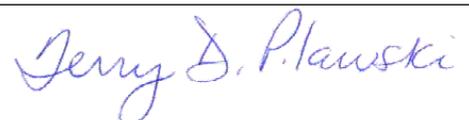
Attachments: \_\_\_\_\_

**SPECIFIC CONDITIONS/REQUIREMENTS**

**Approval Date:** March 18, 2020

**Expiration Date:** March 18, 2021

Approved by the authority of:  
Catherine R. McCabe  
Commissioner



Terry Pilawski, Chief  
Bureau of Water Allocation and Well Permitting

**WELL PERMIT**  
 New Well

<b>DEVIATION INFORMATION</b>	
Purpose:	
Unusual Conditions:	
Reason for Deviation:	
Proposed Well Construction	

**GENERAL CONDITIONS/REQUIREMENTS**

A copy of this permit shall be kept at the worksite / on the property and shall be exhibited upon request. [N.J.A.C. 7:9D-1]
A well record must be submitted by the well driller to the Bureau of Water Systems and Well Permitting. Unless prior written approval is obtained from the Bureau of Water Systems and Well Permitting the well record shall be submitted electronically through the New Jersey Department of Environmental Protection's Regulatory Services Portal Submit Well Record: within ninety (90) days after the well is completed.[N.J.A.C. 7:9D-1]
All well drilling/pump installation activities shall comply with N.J.A.C. 7:9D-1 et seq. [N.J.A.C. 7:9D-1]
For this permit to remain valid, the well approved in this permit shall be constructed within one year of the effective date of the permit. [N.J.A.C. 7:9D-1]
If the pump capacity applied for is less than 70 gpm, no subsequent increase to 70 gpm or more shall be made without prior approval of the Bureau of Water Systems and Well Permitting. [N.J.A.C. 7:9D-1]
If the use of the well is to be changed a well permit for the proposed use of the well shall be submitted for review and approval. [N.J.A.C. 7:9D-1]
If you or a future property owner intend to redesignate this well as a Category 1 well (domestic, non-public, community water supply or public non-community water supply wells), the well must be constructed as a Category 1 well per the Well Construction and Abandonment Regulations at N.J.A.C. 7:0D-1.1 et seq. In addition, if the current or future property owner intends to have this well redesignated as a community water supply well, the well must be constructed by a Master well driller, which would include having a Master well driller on-site at all times during construction of the well, as specified in the Well Construction and Abandonment Regulations. Otherwise, the New Jersey Department of Environmental Protection will not allow the well to be redesignated, and a new well would have to be installed. [N.J.A.C. 7:9D-1.7((a))1i]
In accepting this permit the Property Owner and Driller agree to abide by the following terms and conditions [N.J.A.C. 7:9D-1]
In the event that this well is not constructed the well driller shall notify the Bureau of Water Systems and Well Permitting of the permit cancellation. Unless prior written approval is obtained from the Bureau of Water Systems and Well Permitting the Cancellation notification shall be submitted electronically through the New Jersey Department of Environmental Protection's Regulatory Services Portal Submit Well Permit Cancellation : by the expiration date of this permit.[N.J.A.C. 7:9D-1]
In the event this well is abandoned, the Owner or Well driller shall assume full responsibility for having the well decommissioned in a manner satisfactory to the New Jersey Department of Environmental Protection in accordance with the provisions of N.J.A.C. 7:9D-1 et seq. [N.J.A.C. 7:9D-1]
The granting of this permit shall not be construed in any way to affect the title or ownership of property, and shall not make the New Jersey Department of Environmental Protection or the State a party in any suit or question of ownership of property. [N.J.A.C. 7:9D-1]
The issuance of this permit shall not be deemed to affect in any way action by the New Jersey Department of Environmental Protection on any future application. [N.J.A.C. 7:9D-1]
This permit conveys no rights, either expressed, or implied to divert water. [N.J.A.C. 7:9D-1]
This permit does not waive the obtaining of Federal or other State or local Government consent when necessary. This permit is not valid and no work shall be undertaken until such time as all other required approvals and permits have been obtained. [N.J.A.C. 7:9D-1]
This permit is NONTRANSFERABLE [N.J.A.C. 7:9D]
This well shall not be used for the supply of potable / drinking water. [N.J.A.C. 7:9D-1]

**WELL PERMIT**

Modification of E202012659

The New Jersey Department of Environmental Protection grants this permit in accordance with your application, attachments accompanying same application, and applicable laws and regulations. This permit is also subject to further conditions and stipulations enumerated in the supporting documents which are agreed to by the permittee upon acceptance of the permit

**Certifying Driller:** JOSEPH KURZYNOWSKI, MASTER LICENSE # 0001618

**Permit Issued to:** AQUIFER DRILLING & TESTING

**Company Address:** 75 EAST SECOND ST MINEOLA, NY 11501

**PROPERTY OWNER**

Name: JERSEY CITY REDEVELOPMENT AGENCY

Organization: Jersey City Redevelopment Agency

Address: 66 York St.

City: Jersey City

State: New Jersey

Zip Code: 07302

**PROPOSED WELL LOCATION**

Facility Name: PPG Garfield Avenue Group Site 114

Address: 880 Garfield Ave

County: Hudson

Municipality: Jersey City

Lot: 18.01

Block: 21501

Easting (X): 610932 Northing (Y): 683425

Local ID: 114-MW66D

Coordinate System: NJ State Plane (NAD83) - USFEET

**SITE CHARACTERISTICS**

**PROPOSED CONSTRUCTION**

**WELL USE:** MONITORING

Other Use(s):

Diameter (in.): 2

Regulatory Program

Requiring Wells/Borings:

Depth (ft.): 140

Case ID Number:

Pump Capacity (gpm): 0

Deviation Requested: Y

Drilling Method: Sonic

Attachments: 1294620 Rock well diviation.pdf

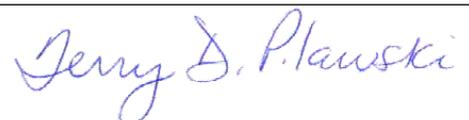
**SPECIFIC CONDITIONS/REQUIREMENTS**

Well must be built in accordance with submitted deviation [N.J.A.C. 7.9D-2.8]

**Approval Date:** October 20, 2021

**Expiration Date:** October 20, 2022

Approved by the authority of:  
Shawn M. LaTourette  
Acting Commissioner



Terry Pilawski, Chief  
Bureau of Water Allocation and Well Permitting

**WELL PERMIT**  
 Modification of E202012659

<b>DEVIATION INFORMATION</b>	
Purpose:	
Unusual Conditions:	
Reason for Deviation:	
Proposed Well Construction	

<b>GENERAL CONDITIONS/REQUIREMENTS</b>
A copy of this permit shall be kept at the worksite / on the property and shall be exhibited upon request. [N.J.A.C. 7:9D-1]
A well record must be submitted by the well driller to the Bureau of Water Systems and Well Permitting. Unless prior written approval is obtained from the Bureau of Water Systems and Well Permitting the well record shall be submitted electronically through the New Jersey Department of Environmental Protection's Regulatory Services Portal Submit Well Record: within ninety (90) days after the well is completed.[N.J.A.C. 7:9D-1]
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If the pump capacity applied for is less than 70 gpm, no subsequent increase to 70 gpm or more shall be made without prior approval of the Bureau of Water Systems and Well Permitting. [N.J.A.C. 7:9D-1]
If the use of the well is to be changed a well permit for the proposed use of the well shall be submitted for review and approval. [N.J.A.C. 7:9D-1]
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This permit conveys no rights, either expressed, or implied to divert water. [N.J.A.C. 7:9D-1]
This permit does not waive the obtaining of Federal or other State or local Government consent when necessary. This permit is not valid and no work shall be undertaken until such time as all other required approvals and permits have been obtained. [N.J.A.C. 7:9D-1]
This permit is NONTRANSFERABLE [N.J.A.C. 7:9D]
This well shall not be used for the supply of potable / drinking water. [N.J.A.C. 7:9D-1]

**114-MW7D**

**Electronic Well Permit  
Unavailable. Hard copy  
only.**

**WELL PERMIT**

New Well

The New Jersey Department of Environmental Protection grants this permit in accordance with your application, attachments accompanying same application, and applicable laws and regulations. This permit is also subject to further conditions and stipulations enumerated in the supporting documents which are agreed to by the permittee upon acceptance of the permit

**Certifying Driller:** JOSEPH KURZYNOWSKI, MASTER LICENSE # 0001618

**Permit Issued to:** AQUIFER DRILLING & TESTING

**Company Address:** 75 EAST SECOND ST MINEOLA, NY 11501

**PROPERTY OWNER**

Name: JERSEY CITY J REDEVELOPMENT AGENCY

Organization: Redevelopment Agency

Address: 66 York St.

City: Jersey City

State: New Jersey

Zip Code: 07302

**PROPOSED WELL LOCATION**

Facility Name: PPG

Address: 884 GARFIELD AVE

County: Hudson

Municipality: Jersey City

Lot: 19.01

Block: 21501

Easting (X): 610954 Northing (Y): 683613

**Local ID:** 114-MW-71D

Coordinate System: NJ State Plane (NAD83) - USFEET

**SITE CHARACTERISTICS**

**PROPOSED CONSTRUCTION**

**WELL USE:** MONITORING

Other Use(s): \_\_\_\_\_

Diameter (in.): 6

Regulatory Program

Requiring Wells/Borings: \_\_\_\_\_

Depth (ft.): 140

Case ID Number: \_\_\_\_\_

Pump Capacity (gpm): 0

Deviation Requested: N

Drilling Method: Sonic

Attachments: \_\_\_\_\_

**SPECIFIC CONDITIONS/REQUIREMENTS**

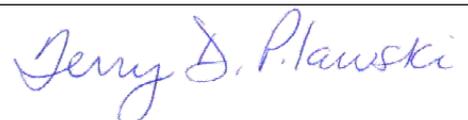
**Approval Date:** September 21, 2021

**Expiration Date:** September 21, 2022

Approved by the authority of:

Shawn M. LaTourette

Acting Commissioner



Terry Pilawski, Chief

Bureau of Water Allocation and Well Permitting

**WELL PERMIT**  
 New Well

<b>DEVIATION INFORMATION</b>	
Purpose:	
Unusual Conditions:	
Reason for Deviation:	
Proposed Well Construction	

<b>GENERAL CONDITIONS/REQUIREMENTS</b>
A copy of this permit shall be kept at the worksite / on the property and shall be exhibited upon request. [N.J.A.C. 7:9D-1]
A well record must be submitted by the well driller to the Bureau of Water Systems and Well Permitting. Unless prior written approval is obtained from the Bureau of Water Systems and Well Permitting the well record shall be submitted electronically through the New Jersey Department of Environmental Protection's Regulatory Services Portal Submit Well Record: within ninety (90) days after the well is completed.[N.J.A.C. 7:9D-1]
All well drilling/pump installation activities shall comply with N.J.A.C. 7:9D-1 et seq. [N.J.A.C. 7:9D-1]
For this permit to remain valid, the well approved in this permit shall be constructed within one year of the effective date of the permit. [N.J.A.C. 7:9D-1]
If the pump capacity applied for is less than 70 gpm, no subsequent increase to 70 gpm or more shall be made without prior approval of the Bureau of Water Systems and Well Permitting. [N.J.A.C. 7:9D-1]
If the use of the well is to be changed a well permit for the proposed use of the well shall be submitted for review and approval. [N.J.A.C. 7:9D-1]
If you or a future property owner intend to redesignate this well as a Category 1 well (domestic, non-public, community water supply or public non-community water supply wells), the well must be constructed as a Category 1 well per the Well Construction and Abandonment Regulations at N.J.A.C. 7:0D-1.1 et seq. In addition, if the current or future property owner intends to have this well redesignated as a community water supply well, the well must be constructed by a Master well driller, which would include having a Master well driller on-site at all times during construction of the well, as specified in the Well Construction and Abandonment Regulations. Otherwise, the New Jersey Department of Environmental Protection will not allow the well to be redesignated, and a new well would have to be installed. [N.J.A.C. 7:9D-1.7((a))1i]
In accepting this permit the Property Owner and Driller agree to abide by the following terms and conditions [N.J.A.C. 7:9D-1]
In the event that this well is not constructed the well driller shall notify the Bureau of Water Systems and Well Permitting of the permit cancellation. Unless prior written approval is obtained from the Bureau of Water Systems and Well Permitting the Cancellation notification shall be submitted electronically through the New Jersey Department of Environmental Protection's Regulatory Services Portal Submit Well Permit Cancellation : by the expiration date of this permit.[N.J.A.C. 7:9D-1]
In the event this well is abandoned, the Owner or Well driller shall assume full responsibility for having the well decommissioned in a manner satisfactory to the New Jersey Department of Environmental Protection in accordance with the provisions of N.J.A.C. 7:9D-1 et seq. [N.J.A.C. 7:9D-1]
The granting of this permit shall not be construed in any way to affect the title or ownership of property, and shall not make the New Jersey Department of Environmental Protection or the State a party in any suit or question of ownership of property. [N.J.A.C. 7:9D-1]
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This permit conveys no rights, either expressed, or implied to divert water. [N.J.A.C. 7:9D-1]
This permit does not waive the obtaining of Federal or other State or local Government consent when necessary. This permit is not valid and no work shall be undertaken until such time as all other required approvals and permits have been obtained. [N.J.A.C. 7:9D-1]
This permit is NONTRANSFERABLE [N.J.A.C. 7:9D]
This well shall not be used for the supply of potable / drinking water. [N.J.A.C. 7:9D-1]

**WELL PERMIT**

New Well

The New Jersey Department of Environmental Protection grants this permit in accordance with your application, attachments accompanying same application, and applicable laws and regulations. This permit is also subject to further conditions and stipulations enumerated in the supporting documents which are agreed to by the permittee upon acceptance of the permit

**Certifying Driller:** JOSEPH KURZYNOWSKI, MASTER LICENSE # 0001618

**Permit Issued to:** AQUIFER DRILLING & TESTING

**Company Address:** 75 EAST SECOND ST MINEOLA, NY 11501

**PROPERTY OWNER**

Name: JERSEY CITY J REDEVELOPMENT AGENCY

Organization: Redevelopment Agency

Address: 66 York St.

City: Jersey City

State: New Jersey

Zip Code: 07302

**PROPOSED WELL LOCATION**

Facility Name: PPG

Address: 824 GARFIELD AVE

County: Hudson

Municipality: Jersey City

Lot: 2

Block: 21510

Easting (X): 610839 Northing (Y): 683095

**Local ID:** 114-MW-72D

Coordinate System: NJ State Plane (NAD83) - USFEET

**SITE CHARACTERISTICS**

**PROPOSED CONSTRUCTION**

**WELL USE:** MONITORING

Other Use(s): \_\_\_\_\_

Diameter (in.): 6

Regulatory Program

Requiring Wells/Borings: \_\_\_\_\_

Depth (ft.): 140

Case ID Number: \_\_\_\_\_

Pump Capacity (gpm): 0

Deviation Requested: N

Drilling Method: Sonic

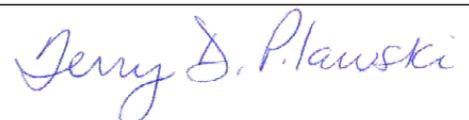
Attachments: \_\_\_\_\_

**SPECIFIC CONDITIONS/REQUIREMENTS**

**Approval Date:** September 24, 2021

**Expiration Date:** September 24, 2022

Approved by the authority of:  
Shawn M. LaTourette  
Acting Commissioner



Terry Pilawski, Chief  
Bureau of Water Allocation and Well Permitting

**WELL PERMIT**  
 New Well

<b>DEVIATION INFORMATION</b>	
Purpose:	
Unusual Conditions:	
Reason for Deviation:	
Proposed Well Construction	

<b>GENERAL CONDITIONS/REQUIREMENTS</b>
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**Certifying Driller:** JOSEPH KURZYNOWSKI, MASTER LICENSE # 0001618

**Permit Issued to:** AQUIFER DRILLING & TESTING

**Company Address:** 75 EAST SECOND ST MINEOLA, NY 11501

**PROPERTY OWNER**

Name: JERSEY CITY REDEVELOPMENT AGENCY

Organization: Redevelopment Agency

Address: 4 Jackson Square, Jersey City

City: Jersey City

State: New Jersey

Zip Code: 07302

**PROPOSED WELL LOCATION**

Facility Name: PPG

Address: 880 GARFIELD AVE

County: Hudson

Municipality: Jersey City

Lot: 18.01

Block: 21501

Easting (X): 610916 Northing (Y): 683379

Local ID: 114-MW73D

Coordinate System: NJ State Plane (NAD83) - USFEET

**SITE CHARACTERISTICS**

**PROPOSED CONSTRUCTION**

WELL USE: MONITORING

Other Use(s): \_\_\_\_\_

Diameter (in.): 6

Regulatory Program

Requiring Wells/Borings: \_\_\_\_\_

Depth (ft.): 119

Case ID Number: \_\_\_\_\_

Pump Capacity (gpm): 0

Deviation Requested: N

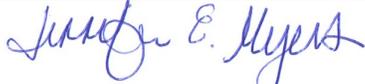
Drilling Method: Sonic

Attachments: \_\_\_\_\_

**SPECIFIC CONDITIONS/REQUIREMENTS**

Approval Date: December 1, 2023  
Expiration Date: November 30, 2024

Approved by the authority of:  
Shawn M. LaTourette  
Commissioner

  
Jennifer Myers, Section Chief  
Bureau of Water Allocation and Well Permitting

**WELL PERMIT**  
 New Well

<b>DEVIATION INFORMATION</b>	
Purpose:	
Unusual Conditions:	
Reason for Deviation:	
Proposed Well Construction	

<b>GENERAL CONDITIONS/REQUIREMENTS</b>
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**Permit Issued to:** AQUIFER DRILLING & TESTING

**Company Address:** 75 EAST SECOND ST MINEOLA, NY 11501

**PROPERTY OWNER**

Name: JERSEY CITY REDEVELOPMENT AGENCY

Organization: Redevelopment Agency

Address: 4 Jackson Square. Jersey City

City: Jersey City

State: New Jersey

Zip Code: 07302

**PROPOSED WELL LOCATION**

Facility Name: PPG

Address: 880 GARFIELD AVE

County: Hudson

Municipality: Jersey City

Lot: 18.01

Block: 21501

Easting (X): 610897 Northing (Y): 683447

**Local ID:** 114-MW74D

Coordinate System: NJ State Plane (NAD83) - USFEET

**SITE CHARACTERISTICS**

**PROPOSED CONSTRUCTION**

**WELL USE:** MONITORING

Other Use(s): \_\_\_\_\_

Diameter (in.): 6

Regulatory Program

Requiring Wells/Borings: \_\_\_\_\_

Depth (ft.): 132

Case ID Number: \_\_\_\_\_

Pump Capacity (gpm): 0

Deviation Requested: N

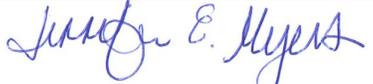
Drilling Method: Sonic

Attachments: \_\_\_\_\_

**SPECIFIC CONDITIONS/REQUIREMENTS**

**Approval Date:** December 1, 2023  
**Expiration Date:** November 30, 2024

Approved by the authority of:  
Shawn M. LaTourette  
Commissioner

  
Jennifer Myers, Section Chief  
Bureau of Water Allocation and Well Permitting

**WELL PERMIT**  
 New Well

<b>DEVIATION INFORMATION</b>	
Purpose:	
Unusual Conditions:	
Reason for Deviation:	
Proposed Well Construction	

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**Permit Issued to:** AQUIFER DRILLING & TESTING

**Company Address:** 75 EAST SECOND ST MINEOLA, NY 11501

**PROPERTY OWNER**

Name: CITY OF JERSEY CITY

Organization: Jersey City

Address: 280 Grove St

City: Jersey City

State: New Jersey

Zip Code: 07302

**PROPOSED WELL LOCATION**

Facility Name: PPG

Address: Halladay Street

County: Hudson

Municipality: Jersey City

Lot: ROW

Block: ROW

Easting (X): 611142 Northing (Y): 682659

**Local ID:** 114-MW75WR

Coordinate System: NJ State Plane (NAD83) - USFEET

**SITE CHARACTERISTICS**

**PROPOSED CONSTRUCTION**

**WELL USE:** MONITORING

Other Use(s): \_\_\_\_\_

Diameter (in.): 2

Regulatory Program

Requiring Wells/Borings: \_\_\_\_\_

Depth (ft.): 120

Case ID Number: \_\_\_\_\_

Pump Capacity (gpm): 0

Deviation Requested: N

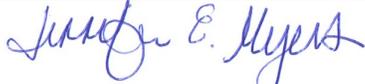
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**SPECIFIC CONDITIONS/REQUIREMENTS**

**Approval Date:** December 1, 2023  
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Commissioner

  
Jennifer Myers, Section Chief  
Bureau of Water Allocation and Well Permitting

**WELL PERMIT**  
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**WELL PERMIT**

New Well

The New Jersey Department of Environmental Protection grants this permit in accordance with your application, attachments accompanying same application, and applicable laws and regulations. This permit is also subject to further conditions and stipulations enumerated in the supporting documents which are agreed to by the permittee upon acceptance of the permit

**Certifying Driller:** JOSEPH KURZYNOWSKI, MASTER LICENSE # 0001618

**Permit Issued to:** AQUIFER DRILLING & TESTING

**Company Address:** 75 EAST SECOND ST MINEOLA, NY 11501

**PROPERTY OWNER**

Name: JERSEY CITY REDEVELOPMENT AGENCY

Organization: Redevelopment Agency

Address: 4 Jackson Square (39 KEARNEY AVE) 39 KEARNEY AVE

City: Jersey City

State: New Jersey

Zip Code: 07305

**PROPOSED WELL LOCATION**

Facility Name: Hudson County Site 114

Address: 824 garfield ave

County: Hudson

Municipality: Jersey City

Lot: 2

Block: 21510

Easting (X): 610739 Northing (Y): 682957

Local ID: 114-mw76d

Coordinate System: NJ State Plane (NAD83) - USFEET

**SITE CHARACTERISTICS**

**PROPOSED CONSTRUCTION**

WELL USE: MONITORING

Other Use(s): \_\_\_\_\_

Diameter (in.): 6

Regulatory Program

Requiring Wells/Borings: \_\_\_\_\_

Depth (ft.): 124

Case ID Number: \_\_\_\_\_

Pump Capacity (gpm): 0

Deviation Requested: N

Drilling Method: Sonic

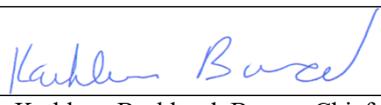
Attachments: \_\_\_\_\_

**SPECIFIC CONDITIONS/REQUIREMENTS**

Approval Date: June 3, 2024

Expiration Date: June 3, 2025

Approved by the authority of:  
Shawn M. LaTourette  
Commissioner

  
Kathleen Burkhard, Bureau Chief  
Bureau of Water Allocation and Well Permitting

**WELL PERMIT**  
 New Well

<b>DEVIATION INFORMATION</b>	
Purpose:	
Unusual Conditions:	
Reason for Deviation:	
Proposed Well Construction	

<b>GENERAL CONDITIONS/REQUIREMENTS</b>
A copy of this permit shall be kept at the worksite / on the property and shall be exhibited upon request. [N.J.A.C. 7:9D-1]
A well record must be submitted by the well driller to the Bureau of Water Systems and Well Permitting. Unless prior written approval is obtained from the Bureau of Water Systems and Well Permitting the well record shall be submitted electronically through the New Jersey Department of Environmental Protection's Regulatory Services Portal Submit Well Record: within ninety (90) days after the well is completed.[N.J.A.C. 7:9D-1]
All well drilling/pump installation activities shall comply with N.J.A.C. 7:9D-1 et seq. [N.J.A.C. 7:9D-1]
For this permit to remain valid, the well approved in this permit shall be constructed within one year of the effective date of the permit. [N.J.A.C. 7:9D-1]
If the pump capacity applied for is less than 70 gpm, no subsequent increase to 70 gpm or more shall be made without prior approval of the Bureau of Water Systems and Well Permitting. [N.J.A.C. 7:9D-1]
If the use of the well is to be changed a well permit for the proposed use of the well shall be submitted for review and approval. [N.J.A.C. 7:9D-1]
If you or a future property owner intend to redesignate this well as a Category 1 well (domestic, non-public, community water supply or public non-community water supply wells), the well must be constructed as a Category 1 well per the Well Construction and Abandonment Regulations at N.J.A.C. 7:0D-1.1 et seq. In addition, if the current or future property owner intends to have this well redesignated as a community water supply well, the well must be constructed by a Master well driller, which would include having a Master well driller on-site at all times during construction of the well, as specified in the Well Construction and Abandonment Regulations. Otherwise, the New Jersey Department of Environmental Protection will not allow the well to be redesignated, and a new well would have to be installed. [N.J.A.C. 7:9D-1.7((a))1i]
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In the event this well is abandoned, the Owner or Well driller shall assume full responsibility for having the well decommissioned in a manner satisfactory to the New Jersey Department of Environmental Protection in accordance with the provisions of N.J.A.C. 7:9D-1 et seq. [N.J.A.C. 7:9D-1]
The granting of this permit shall not be construed in any way to affect the title or ownership of property, and shall not make the New Jersey Department of Environmental Protection or the State a party in any suit or question of ownership of property. [N.J.A.C. 7:9D-1]
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This permit conveys no rights, either expressed, or implied to divert water. [N.J.A.C. 7:9D-1]
This permit does not waive the obtaining of Federal or other State or local Government consent when necessary. This permit is not valid and no work shall be undertaken until such time as all other required approvals and permits have been obtained. [N.J.A.C. 7:9D-1]
This permit is NONTRANSFERABLE [N.J.A.C. 7:9D]
This well shall not be used for the supply of potable / drinking water. [N.J.A.C. 7:9D-1]

**WELL PERMIT**

New Well

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**Certifying Driller:** JOSEPH KURZYNOWSKI, MASTER LICENSE # 0001618

**Permit Issued to:** AQUIFER DRILLING & TESTING

**Company Address:** 75 EAST SECOND ST MINEOLA, NY 11501

**PROPERTY OWNER**

Name: JERSEY CITY REDEVELOPMENT AGENCY

Organization: Redevelopment Agency

Address: 4 Jackson Square (39 KEARNEY AVE) 39 KEARNEY AVE

City: Jersey City State: New Jersey Zip Code: 07305

**PROPOSED WELL LOCATION**

Facility Name: Hudson County Site 114

Address: 880 Garfield Ave

County: Hudson Municipality: Jersey City Lot: 20.01 Block: 21501

Easting (X): <u>611051</u> Northing (Y): <u>683389</u>	<b>Local ID:</b> <u>114-MW76WR</u>
Coordinate System: NJ State Plane (NAD83) - USFEET	

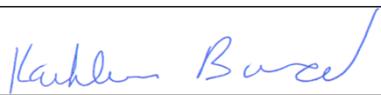
**SITE CHARACTERISTICS**

<b>PROPOSED CONSTRUCTION</b>	
<b>WELL USE:</b> <u>MONITORING</u>	Other Use(s): _____
Diameter (in.): <u>4</u>	Regulatory Program Requiring Wells/Borings: _____
Depth (ft.): <u>80</u>	Case ID Number: _____
Pump Capacity (gpm): <u>0</u>	Deviation Requested: <u>N</u>
Drilling Method: <u>Sonic</u>	
Attachments: _____	

**SPECIFIC CONDITIONS/REQUIREMENTS**

**Approval Date:** April 26, 2024  
**Expiration Date:** April 26, 2025

Approved by the authority of:  
Shawn M. LaTourette  
Commissioner

  
Kathleen Burkhard, Bureau Chief  
Bureau of Water Allocation and Well Permitting

**WELL PERMIT**  
 New Well

<b>DEVIATION INFORMATION</b>	
Purpose:	
Unusual Conditions:	
Reason for Deviation:	
Proposed Well Construction	

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**Certifying Driller:** JOSEPH KURZYNOWSKI, MASTER LICENSE # 0001618

**Permit Issued to:** AQUIFER DRILLING & TESTING

**Company Address:** 75 EAST SECOND ST MINEOLA, NY 11501

**PROPERTY OWNER**

Name: JERSEY CITY REDEVELOPMENT AGENCY

Organization: Redevelopment Agency

Address: 4 Jackson Square (39 KEARNEY AVE) 39 KEARNEY AVE

City: Jersey City

State: New Jersey

Zip Code: 07305

**PROPOSED WELL LOCATION**

Facility Name: Hudson County Site 114

Address: 880 Garfield Ave

County: Hudson

Municipality: Jersey City

Lot: 18.01

Block: 21501

Easting (X): 611023 Northing (Y): 683308

Local ID: 114-MW77WR

Coordinate System: NJ State Plane (NAD83) - USFEET

**SITE CHARACTERISTICS**

**PROPOSED CONSTRUCTION**

WELL USE: MONITORING

Other Use(s): \_\_\_\_\_

Diameter (in.): 4

Regulatory Program

Requiring Wells/Borings: \_\_\_\_\_

Depth (ft.): 80

Case ID Number: \_\_\_\_\_

Pump Capacity (gpm): 0

Deviation Requested: N

Drilling Method: Sonic

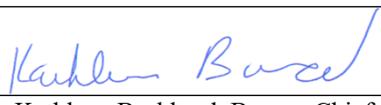
Attachments: \_\_\_\_\_

**SPECIFIC CONDITIONS/REQUIREMENTS**

Approval Date: April 26, 2024

Expiration Date: April 26, 2025

Approved by the authority of:  
Shawn M. LaTourette  
Commissioner

  
Kathleen Burkhard, Bureau Chief  
Bureau of Water Allocation and Well Permitting

**WELL PERMIT**  
 New Well

<b>DEVIATION INFORMATION</b>	
Purpose:	
Unusual Conditions:	
Reason for Deviation:	
Proposed Well Construction	

<b>GENERAL CONDITIONS/REQUIREMENTS</b>
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If you or a future property owner intend to redesignate this well as a Category 1 well (domestic, non-public, community water supply or public non-community water supply wells), the well must be constructed as a Category 1 well per the Well Construction and Abandonment Regulations at N.J.A.C. 7:0D-1.1 et seq. In addition, if the current or future property owner intends to have this well redesignated as a community water supply well, the well must be constructed by a Master well driller, which would include having a Master well driller on-site at all times during construction of the well, as specified in the Well Construction and Abandonment Regulations. Otherwise, the New Jersey Department of Environmental Protection will not allow the well to be redesignated, and a new well would have to be installed. [N.J.A.C. 7:9D-1.7((a))1i]
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**WELL PERMIT**

New Well

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**Certifying Driller:** JOSEPH KURZYNOWSKI, MASTER LICENSE # 0001618

**Permit Issued to:** AQUIFER DRILLING & TESTING

**Company Address:** 75 EAST SECOND ST MINEOLA, NY 11501

**PROPERTY OWNER**

Name: CITY OF JERSEY CITY

Organization: Jersey City

Address: 280 Grove St

City: Jersey City

State: New Jersey

Zip Code: 07302

**PROPOSED WELL LOCATION**

Facility Name: Hudson County Site 114

Address: CARTERET AVE ROADWAY

County: Hudson

Municipality: Jersey City

Lot: ROADWAY

Block: ROADWAY

Easting (X): 610979 Northing (Y): 683145

Local ID: 114-MW78WR

Coordinate System: NJ State Plane (NAD83) - USFEET

**SITE CHARACTERISTICS**

**PROPOSED CONSTRUCTION**

WELL USE: MONITORING

Other Use(s): \_\_\_\_\_

Diameter (in.): 4

Regulatory Program

Requiring Wells/Borings: \_\_\_\_\_

Depth (ft.): 73

Case ID Number: \_\_\_\_\_

Pump Capacity (gpm): 0

Deviation Requested: N

Drilling Method: Sonic

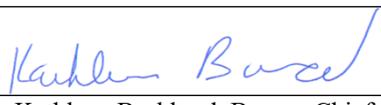
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**SPECIFIC CONDITIONS/REQUIREMENTS**

Approval Date: April 26, 2024

Expiration Date: April 26, 2025

Approved by the authority of:  
Shawn M. LaTourette  
Commissioner

  
Kathleen Burkhard, Bureau Chief  
Bureau of Water Allocation and Well Permitting

**WELL PERMIT**  
 New Well

<b>DEVIATION INFORMATION</b>	
Purpose:	
Unusual Conditions:	
Reason for Deviation:	
Proposed Well Construction	

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Organization: Redevelopment Agency

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City: Jersey City

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Lot: 18.01

Block: 21501

Easting (X): 610902 Northing (Y): 683450

Local ID: 114-MW79WR

Coordinate System: NJ State Plane (NAD83) - USFEET

**SITE CHARACTERISTICS**

**PROPOSED CONSTRUCTION**

WELL USE: MONITORING

Other Use(s): \_\_\_\_\_

Diameter (in.): 4

Regulatory Program

Requiring Wells/Borings: \_\_\_\_\_

Depth (ft.): 84

Case ID Number: \_\_\_\_\_

Pump Capacity (gpm): 0

Deviation Requested: N

Drilling Method: Sonic

Attachments: \_\_\_\_\_

**SPECIFIC CONDITIONS/REQUIREMENTS**

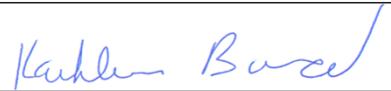
Approval Date: April 29, 2024

Expiration Date: April 29, 2025

Approved by the authority of:

Shawn M. LaTourette

Commissioner



Kathleen Burkhard, Bureau Chief  
Bureau of Water Allocation and Well Permitting

**WELL PERMIT**  
 New Well

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Purpose:	
Unusual Conditions:	
Reason for Deviation:	
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This permit is NONTRANSFERABLE [N.J.A.C. 7:9D]
This well shall not be used for the supply of potable / drinking water. [N.J.A.C. 7:9D-1]

**WELL PERMIT**

New Well

The New Jersey Department of Environmental Protection grants this permit in accordance with your application, attachments accompanying same application, and applicable laws and regulations. This permit is also subject to further conditions and stipulations enumerated in the supporting documents which are agreed to by the permittee upon acceptance of the permit

**Certifying Driller:** JOSEPH KURZYNOWSKI, MASTER LICENSE # 0001618

**Permit Issued to:** AQUIFER DRILLING & TESTING

**Company Address:** 75 EAST SECOND ST MINEOLA, NY 11501

**PROPERTY OWNER**

Name: JERSEY CITY REDEVELOPMENT AGENCY

Organization: Redevelopment Agency

Address: 4 Jackson Square (39 KEARNEY AVE) 39 KEARNEY AVE

City: Jersey City

State: New Jersey

Zip Code: 07305

**PROPOSED WELL LOCATION**

Facility Name: Hudson County Site 114

Address: 880 Garfield Ave

County: Hudson

Municipality: Jersey City

Lot: 18.01

Block: 21501

Easting (X): 611128 Northing (Y): 683131

Local ID: 114-MW80WR

Coordinate System: NJ State Plane (NAD83) - USFEET

**SITE CHARACTERISTICS**

**PROPOSED CONSTRUCTION**

WELL USE: MONITORING

Other Use(s): \_\_\_\_\_

Diameter (in.): 4

Regulatory Program

Requiring Wells/Borings: \_\_\_\_\_

Depth (ft.): 73

Case ID Number: \_\_\_\_\_

Pump Capacity (gpm): 0

Deviation Requested: N

Drilling Method: Sonic

Attachments: \_\_\_\_\_

**SPECIFIC CONDITIONS/REQUIREMENTS**

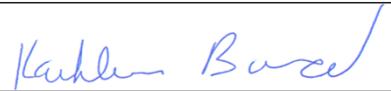
Approval Date: April 29, 2024

Expiration Date: April 29, 2025

Approved by the authority of:

Shawn M. LaTourette

Commissioner



Kathleen Burkhard, Bureau Chief  
Bureau of Water Allocation and Well Permitting

**WELL PERMIT**  
 New Well

<b>DEVIATION INFORMATION</b>	
Purpose:	
Unusual Conditions:	
Reason for Deviation:	
Proposed Well Construction	

<b>GENERAL CONDITIONS/REQUIREMENTS</b>
A copy of this permit shall be kept at the worksite / on the property and shall be exhibited upon request. [N.J.A.C. 7:9D-1]
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**Certifying Driller:** JOSEPH KURZYNOWSKI, MASTER LICENSE # 0001618

**Permit Issued to:** AQUIFER DRILLING & TESTING

**Company Address:** 75 EAST SECOND ST MINEOLA, NY 11501

**PROPERTY OWNER**

Name: JERSEY CITY REDEVELOPMENT AGENCY

Organization: Redevelopment Agency

Address: 4 Jackson Square (39 KEARNEY AVE) 39 KEARNEY AVE

City: Jersey City

State: New Jersey

Zip Code: 07305

**PROPOSED WELL LOCATION**

Facility Name: Hudson County Chormate Site 132

Address: 824 GARFIELD AVE

County: Hudson

Municipality: Jersey City

Lot: 2

Block: 21510

Easting (X): 610795 Northing (Y): 683048

Local ID: 114-MW81D

Coordinate System: NJ State Plane (NAD83) - USFEET

**SITE CHARACTERISTICS**

**PROPOSED CONSTRUCTION**

WELL USE: MONITORING

Other Use(s): \_\_\_\_\_

Diameter (in.): 6

Regulatory Program

Requiring Wells/Borings: \_\_\_\_\_

Depth (ft.): 125

Case ID Number: \_\_\_\_\_

Pump Capacity (gpm): 1

Deviation Requested: N

Drilling Method: Sonic

Attachments: \_\_\_\_\_

**SPECIFIC CONDITIONS/REQUIREMENTS**

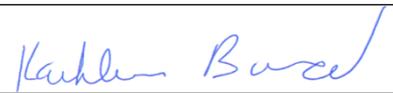
Approval Date: October 30, 2024

Expiration Date: October 30, 2025

Approved by the authority of:

Shawn M. LaTourette

Commissioner



Kathleen Burkhard, Bureau Chief  
Bureau of Water Allocation and Well Permitting

**WELL PERMIT**  
 New Well

<b>DEVIATION INFORMATION</b>	
Purpose:	
Unusual Conditions:	
Reason for Deviation:	
Proposed Well Construction	

**GENERAL CONDITIONS/REQUIREMENTS**

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New Well

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**Certifying Driller:** JOSEPH KURZYNOWSKI, MASTER LICENSE # 0001618

**Permit Issued to:** AQUIFER DRILLING & TESTING

**Company Address:** 75 EAST SECOND ST MINEOLA, NY 11501

**PROPERTY OWNER**

Name: JERSEY CITY REDEVELOPMENT AGENCY

Organization: Redevelopment Agency

Address: 39 KEARNEY AVE 39 KEARNEY AVE

City: Jersey City

State: New Jersey

Zip Code: 07305

**PROPOSED WELL LOCATION**

Facility Name: Hudson County Site 114

Address: 880 Garfield Ave

County: Hudson

Municipality: Jersey City

Lot: 18.01

Block: 21501

Easting (X): 610908 Northing (Y): 683444

Local ID: 114-PW-01WR

Coordinate System: NJ State Plane (NAD83) - USFEET

**SITE CHARACTERISTICS**

**PROPOSED CONSTRUCTION**

WELL USE: INJECTION

Other Use(s): \_\_\_\_\_

Diameter (in.): 4

Regulatory Program

Requiring Wells/Borings: \_\_\_\_\_

Depth (ft.): 84

Case ID Number: \_\_\_\_\_

Pump Capacity (gpm): 0

Deviation Requested: N

Drilling Method: Sonic

Attachments: \_\_\_\_\_

**SPECIFIC CONDITIONS/REQUIREMENTS**

Approval Date: April 25, 2024

Expiration Date: April 25, 2025

Approved by the authority of:  
Shawn M. LaTourette  
Commissioner

  
Kathleen Burkhard, Bureau Chief  
Bureau of Water Allocation and Well Permitting

**WELL PERMIT**  
 New Well

<b>DEVIATION INFORMATION</b>	
Purpose:	
Unusual Conditions:	
Reason for Deviation:	
Proposed Well Construction	

**GENERAL CONDITIONS/REQUIREMENTS**

A copy of this permit shall be kept at the worksite / on the property and shall be exhibited upon request. [N.J.A.C. 7:9D-1]
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**Company Address:** 75 EAST SECOND ST MINEOLA, NY 11501

**PROPERTY OWNER**

Name: JERSEY CITY REDEVELOPMENT AGENCY

Organization: Redevelopment Agency

Address: 39 KEARNEY AVE 39 KEARNEY AVE

City: Jersey City

State: New Jersey

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Lot: 18.01

Block: 21501

Easting (X): 610933 Northing (Y): 683487

Local ID: 114-PW-02WR

Coordinate System: NJ State Plane (NAD83) - USFEET

**SITE CHARACTERISTICS**

**PROPOSED CONSTRUCTION**

WELL USE: INJECTION

Other Use(s): \_\_\_\_\_

Diameter (in.): 4

Regulatory Program

Requiring Wells/Borings: \_\_\_\_\_

Depth (ft.): 84

Case ID Number: \_\_\_\_\_

Pump Capacity (gpm): 0

Deviation Requested: N

Drilling Method: Sonic

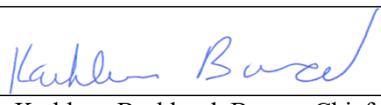
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**SPECIFIC CONDITIONS/REQUIREMENTS**

Approval Date: April 25, 2024

Expiration Date: April 25, 2025

Approved by the authority of:  
Shawn M. LaTourette  
Commissioner

  
Kathleen Burkhard, Bureau Chief  
Bureau of Water Allocation and Well Permitting

**WELL PERMIT**  
 New Well

<b>DEVIATION INFORMATION</b>	
Purpose:	
Unusual Conditions:	
Reason for Deviation:	
Proposed Well Construction	

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**Permit Issued to:** AQUIFER DRILLING & TESTING

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Organization: Redevelopment Agency

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Block: 21501

Easting (X): 610958 Northing (Y): 683529

Local ID: 114-PW-03WR

Coordinate System: NJ State Plane (NAD83) - USFEET

**SITE CHARACTERISTICS**

**PROPOSED CONSTRUCTION**

WELL USE: INJECTION

Other Use(s): \_\_\_\_\_

Diameter (in.): 4

Regulatory Program

Requiring Wells/Borings: \_\_\_\_\_

Depth (ft.): 74

Case ID Number: \_\_\_\_\_

Pump Capacity (gpm): 0

Deviation Requested: N

Drilling Method: Sonic

Attachments: \_\_\_\_\_

**SPECIFIC CONDITIONS/REQUIREMENTS**

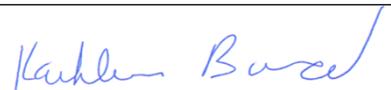
Approval Date: April 25, 2024

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Commissioner



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**WELL PERMIT**  
 New Well

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Purpose:	
Unusual Conditions:	
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If you or a future property owner intend to redesignate this well as a Category 1 well (domestic, non-public, community water supply or public non-community water supply wells), the well must be constructed as a Category 1 well per the Well Construction and Abandonment Regulations at N.J.A.C. 7:0D-1.1 et seq. In addition, if the current or future property owner intends to have this well redesignated as a community water supply well, the well must be constructed by a Master well driller, which would include having a Master well driller on-site at all times during construction of the well, as specified in the Well Construction and Abandonment Regulations. Otherwise, the New Jersey Department of Environmental Protection will not allow the well to be redesignated, and a new well would have to be installed. [N.J.A.C. 7:9D-1.7((a))1i]
In accepting this permit the Property Owner and Driller agree to abide by the following terms and conditions [N.J.A.C. 7:9D-1]
In the event that this well is not constructed the well driller shall notify the Bureau of Water Systems and Well Permitting of the permit cancellation. Unless prior written approval is obtained from the Bureau of Water Systems and Well Permitting the Cancellation notification shall be submitted electronically through the New Jersey Department of Environmental Protection's Regulatory Services Portal Submit Well Permit Cancellation : by the expiration date of this permit.[N.J.A.C. 7:9D-1]
In the event this well is abandoned, the Owner or Well driller shall assume full responsibility for having the well decommissioned in a manner satisfactory to the New Jersey Department of Environmental Protection in accordance with the provisions of N.J.A.C. 7:9D-1 et seq. [N.J.A.C. 7:9D-1]
The granting of this permit shall not be construed in any way to affect the title or ownership of property, and shall not make the New Jersey Department of Environmental Protection or the State a party in any suit or question of ownership of property. [N.J.A.C. 7:9D-1]
The issuance of this permit shall not be deemed to affect in any way action by the New Jersey Department of Environmental Protection on any future application. [N.J.A.C. 7:9D-1]
This permit conveys no rights, either expressed, or implied to divert water. [N.J.A.C. 7:9D-1]
This permit does not waive the obtaining of Federal or other State or local Government consent when necessary. This permit is not valid and no work shall be undertaken until such time as all other required approvals and permits have been obtained. [N.J.A.C. 7:9D-1]
This permit is NONTRANSFERABLE [N.J.A.C. 7:9D]
This well shall not be used for the supply of potable / drinking water. [N.J.A.C. 7:9D-1]

**WELL PERMIT**

New Well

The New Jersey Department of Environmental Protection grants this permit in accordance with your application, attachments accompanying same application, and applicable laws and regulations. This permit is also subject to further conditions and stipulations enumerated in the supporting documents which are agreed to by the permittee upon acceptance of the permit

**Certifying Driller:** JOSEPH KURZYNOWSKI, MASTER LICENSE # 0001618

**Permit Issued to:** AQUIFER DRILLING & TESTING

**Company Address:** 75 EAST SECOND ST MINEOLA, NY 11501

**PROPERTY OWNER**

Name: JERSEY CITY REDEVELOPMENT AGENCY

Organization: Redevelopment Agency

Address: 4 Jackson Square (39 KEARNEY AVE) 39 KEARNEY AVE

City: Jersey City

State: New Jersey

Zip Code: 07305

**PROPOSED WELL LOCATION**

Facility Name: Hudson County Site 114

Address: 880 Garfield Ave

County: Hudson

Municipality: Jersey City

Lot: 18.01

Block: 21501

Easting (X): 611148 Northing (Y): 683453

Local ID: 114-PW-04WR

Coordinate System: NJ State Plane (NAD83) - USFEET

**SITE CHARACTERISTICS**

**PROPOSED CONSTRUCTION**

WELL USE: INJECTION

Other Use(s): \_\_\_\_\_

Diameter (in.): 4

Regulatory Program

Requiring Wells/Borings: \_\_\_\_\_

Depth (ft.): 48

Case ID Number: \_\_\_\_\_

Pump Capacity (gpm): 0

Deviation Requested: N

Drilling Method: Sonic

Attachments: \_\_\_\_\_

**SPECIFIC CONDITIONS/REQUIREMENTS**

Approval Date: April 29, 2024

Expiration Date: April 29, 2025

Approved by the authority of:

Shawn M. LaTourette

Commissioner



Kathleen Burkhard, Bureau Chief  
Bureau of Water Allocation and Well Permitting

**WELL PERMIT**  
 New Well

<b>DEVIATION INFORMATION</b>	
Purpose:	
Unusual Conditions:	
Reason for Deviation:	
Proposed Well Construction	

<b>GENERAL CONDITIONS/REQUIREMENTS</b>
A copy of this permit shall be kept at the worksite / on the property and shall be exhibited upon request. [N.J.A.C. 7:9D-1]
A well record must be submitted by the well driller to the Bureau of Water Systems and Well Permitting. Unless prior written approval is obtained from the Bureau of Water Systems and Well Permitting the well record shall be submitted electronically through the New Jersey Department of Environmental Protection's Regulatory Services Portal Submit Well Record: within ninety (90) days after the well is completed.[N.J.A.C. 7:9D-1]
All well drilling/pump installation activities shall comply with N.J.A.C. 7:9D-1 et seq. [N.J.A.C. 7:9D-1]
For this permit to remain valid, the well approved in this permit shall be constructed within one year of the effective date of the permit. [N.J.A.C. 7:9D-1]
If the pump capacity applied for is less than 70 gpm, no subsequent increase to 70 gpm or more shall be made without prior approval of the Bureau of Water Systems and Well Permitting. [N.J.A.C. 7:9D-1]
If the use of the well is to be changed a well permit for the proposed use of the well shall be submitted for review and approval. [N.J.A.C. 7:9D-1]
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This permit conveys no rights, either expressed, or implied to divert water. [N.J.A.C. 7:9D-1]
This permit does not waive the obtaining of Federal or other State or local Government consent when necessary. This permit is not valid and no work shall be undertaken until such time as all other required approvals and permits have been obtained. [N.J.A.C. 7:9D-1]
This permit is NONTRANSFERABLE [N.J.A.C. 7:9D]
This well shall not be used for the supply of potable / drinking water. [N.J.A.C. 7:9D-1]

**WELL PERMIT**

New Well

The New Jersey Department of Environmental Protection grants this permit in accordance with your application, attachments accompanying same application, and applicable laws and regulations. This permit is also subject to further conditions and stipulations enumerated in the supporting documents which are agreed to by the permittee upon acceptance of the permit

**Certifying Driller:** JOSEPH KURZYNOWSKI, MASTER LICENSE # 0001618

**Permit Issued to:** AQUIFER DRILLING & TESTING

**Company Address:** 75 EAST SECOND ST MINEOLA, NY 11501

**PROPERTY OWNER**

Name: JERSEY CITY REDEVELOPMENT AGENCY

Organization: Redevelopment Agency

Address: 4 Jackson Square (39 KEARNEY AVE) 39 KEARNEY AVE

City: Jersey City

State: New Jersey

Zip Code: 07305

**PROPOSED WELL LOCATION**

Facility Name: Hudson County Site 114

Address: 880 Garfield Ave

County: Hudson

Municipality: Jersey City

Lot: 18.01

Block: 21501

Easting (X): 610886 Northing (Y): 683398

Local ID: 114-PW-05WR

Coordinate System: NJ State Plane (NAD83) - USFEET

**SITE CHARACTERISTICS**

**PROPOSED CONSTRUCTION**

WELL USE: INJECTION

Other Use(s): \_\_\_\_\_

Diameter (in.): 4

Regulatory Program

Requiring Wells/Borings: \_\_\_\_\_

Depth (ft.): 84

Case ID Number: \_\_\_\_\_

Pump Capacity (gpm): 0

Deviation Requested: N

Drilling Method: Sonic

Attachments: \_\_\_\_\_

**SPECIFIC CONDITIONS/REQUIREMENTS**

Approval Date: April 25, 2024

Expiration Date: April 25, 2025

Approved by the authority of:

Shawn M. LaTourette

Commissioner



Kathleen Burkhard, Bureau Chief  
Bureau of Water Allocation and Well Permitting

**WELL PERMIT**  
 New Well

<b>DEVIATION INFORMATION</b>	
Purpose:	
Unusual Conditions:	
Reason for Deviation:	
Proposed Well Construction	

<b>GENERAL CONDITIONS/REQUIREMENTS</b>
A copy of this permit shall be kept at the worksite / on the property and shall be exhibited upon request. [N.J.A.C. 7:9D-1]
A well record must be submitted by the well driller to the Bureau of Water Systems and Well Permitting. Unless prior written approval is obtained from the Bureau of Water Systems and Well Permitting the well record shall be submitted electronically through the New Jersey Department of Environmental Protection's Regulatory Services Portal Submit Well Record: within ninety (90) days after the well is completed.[N.J.A.C. 7:9D-1]
All well drilling/pump installation activities shall comply with N.J.A.C. 7:9D-1 et seq. [N.J.A.C. 7:9D-1]
For this permit to remain valid, the well approved in this permit shall be constructed within one year of the effective date of the permit. [N.J.A.C. 7:9D-1]
If the pump capacity applied for is less than 70 gpm, no subsequent increase to 70 gpm or more shall be made without prior approval of the Bureau of Water Systems and Well Permitting. [N.J.A.C. 7:9D-1]
If the use of the well is to be changed a well permit for the proposed use of the well shall be submitted for review and approval. [N.J.A.C. 7:9D-1]
If you or a future property owner intend to redesignate this well as a Category 1 well (domestic, non-public, community water supply or public non-community water supply wells), the well must be constructed as a Category 1 well per the Well Construction and Abandonment Regulations at N.J.A.C. 7:0D-1.1 et seq. In addition, if the current or future property owner intends to have this well redesignated as a community water supply well, the well must be constructed by a Master well driller, which would include having a Master well driller on-site at all times during construction of the well, as specified in the Well Construction and Abandonment Regulations. Otherwise, the New Jersey Department of Environmental Protection will not allow the well to be redesignated, and a new well would have to be installed. [N.J.A.C. 7:9D-1.7((a))1i]
In accepting this permit the Property Owner and Driller agree to abide by the following terms and conditions [N.J.A.C. 7:9D-1]
In the event that this well is not constructed the well driller shall notify the Bureau of Water Systems and Well Permitting of the permit cancellation. Unless prior written approval is obtained from the Bureau of Water Systems and Well Permitting the Cancellation notification shall be submitted electronically through the New Jersey Department of Environmental Protection's Regulatory Services Portal Submit Well Permit Cancellation : by the expiration date of this permit.[N.J.A.C. 7:9D-1]
In the event this well is abandoned, the Owner or Well driller shall assume full responsibility for having the well decommissioned in a manner satisfactory to the New Jersey Department of Environmental Protection in accordance with the provisions of N.J.A.C. 7:9D-1 et seq. [N.J.A.C. 7:9D-1]
The granting of this permit shall not be construed in any way to affect the title or ownership of property, and shall not make the New Jersey Department of Environmental Protection or the State a party in any suit or question of ownership of property. [N.J.A.C. 7:9D-1]
The issuance of this permit shall not be deemed to affect in any way action by the New Jersey Department of Environmental Protection on any future application. [N.J.A.C. 7:9D-1]
This permit conveys no rights, either expressed, or implied to divert water. [N.J.A.C. 7:9D-1]
This permit does not waive the obtaining of Federal or other State or local Government consent when necessary. This permit is not valid and no work shall be undertaken until such time as all other required approvals and permits have been obtained. [N.J.A.C. 7:9D-1]
This permit is NONTRANSFERABLE [N.J.A.C. 7:9D]
This well shall not be used for the supply of potable / drinking water. [N.J.A.C. 7:9D-1]

**WELL PERMIT**

New Well

The New Jersey Department of Environmental Protection grants this permit in accordance with your application, attachments accompanying same application, and applicable laws and regulations. This permit is also subject to further conditions and stipulations enumerated in the supporting documents which are agreed to by the permittee upon acceptance of the permit

**Certifying Driller:** JOSEPH KURZYNOWSKI, MASTER LICENSE # 0001618

**Permit Issued to:** AQUIFER DRILLING & TESTING

**Company Address:** 75 EAST SECOND ST MINEOLA, NY 11501

**PROPERTY OWNER**

Name: JERSEY CITY REDEVELOPMENT AGENCY

Organization: Redevelopment Agency

Address: 4 Jackson Square (39 KEARNEY AVE) 39 KEARNEY AVE

City: Jersey City

State: New Jersey

Zip Code: 07305

**PROPOSED WELL LOCATION**

Facility Name: Hudson County Site 114

Address: 880 Garfield Ave

County: Hudson

Municipality: Jersey City

Lot: 18.01

Block: 21501

Easting (X): 610895 Northing (Y): 683311

Local ID: 114-PW-06WR

Coordinate System: NJ State Plane (NAD83) - USFEET

**SITE CHARACTERISTICS**

**PROPOSED CONSTRUCTION**

WELL USE: INJECTION

Other Use(s): \_\_\_\_\_

Diameter (in.): 4

Regulatory Program

Requiring Wells/Borings: \_\_\_\_\_

Depth (ft.): 73

Case ID Number: \_\_\_\_\_

Pump Capacity (gpm): 0

Deviation Requested: N

Drilling Method: Sonic

Attachments: \_\_\_\_\_

**SPECIFIC CONDITIONS/REQUIREMENTS**

Approval Date: April 25, 2024

Expiration Date: April 25, 2025

Approved by the authority of:

Shawn M. LaTourette

Commissioner



Kathleen Burkhard, Bureau Chief  
Bureau of Water Allocation and Well Permitting

**WELL PERMIT**  
 New Well

<b>DEVIATION INFORMATION</b>	
Purpose:	
Unusual Conditions:	
Reason for Deviation:	
Proposed Well Construction	

<b>GENERAL CONDITIONS/REQUIREMENTS</b>
A copy of this permit shall be kept at the worksite / on the property and shall be exhibited upon request. [N.J.A.C. 7:9D-1]
A well record must be submitted by the well driller to the Bureau of Water Systems and Well Permitting. Unless prior written approval is obtained from the Bureau of Water Systems and Well Permitting the well record shall be submitted electronically through the New Jersey Department of Environmental Protection's Regulatory Services Portal Submit Well Record: within ninety (90) days after the well is completed.[N.J.A.C. 7:9D-1]
All well drilling/pump installation activities shall comply with N.J.A.C. 7:9D-1 et seq. [N.J.A.C. 7:9D-1]
For this permit to remain valid, the well approved in this permit shall be constructed within one year of the effective date of the permit. [N.J.A.C. 7:9D-1]
If the pump capacity applied for is less than 70 gpm, no subsequent increase to 70 gpm or more shall be made without prior approval of the Bureau of Water Systems and Well Permitting. [N.J.A.C. 7:9D-1]
If the use of the well is to be changed a well permit for the proposed use of the well shall be submitted for review and approval. [N.J.A.C. 7:9D-1]
If you or a future property owner intend to redesignate this well as a Category 1 well (domestic, non-public, community water supply or public non-community water supply wells), the well must be constructed as a Category 1 well per the Well Construction and Abandonment Regulations at N.J.A.C. 7:0D-1.1 et seq. In addition, if the current or future property owner intends to have this well redesignated as a community water supply well, the well must be constructed by a Master well driller, which would include having a Master well driller on-site at all times during construction of the well, as specified in the Well Construction and Abandonment Regulations. Otherwise, the New Jersey Department of Environmental Protection will not allow the well to be redesignated, and a new well would have to be installed. [N.J.A.C. 7:9D-1.7((a))1i]
In accepting this permit the Property Owner and Driller agree to abide by the following terms and conditions [N.J.A.C. 7:9D-1]
In the event that this well is not constructed the well driller shall notify the Bureau of Water Systems and Well Permitting of the permit cancellation. Unless prior written approval is obtained from the Bureau of Water Systems and Well Permitting the Cancellation notification shall be submitted electronically through the New Jersey Department of Environmental Protection's Regulatory Services Portal Submit Well Permit Cancellation : by the expiration date of this permit.[N.J.A.C. 7:9D-1]
In the event this well is abandoned, the Owner or Well driller shall assume full responsibility for having the well decommissioned in a manner satisfactory to the New Jersey Department of Environmental Protection in accordance with the provisions of N.J.A.C. 7:9D-1 et seq. [N.J.A.C. 7:9D-1]
The granting of this permit shall not be construed in any way to affect the title or ownership of property, and shall not make the New Jersey Department of Environmental Protection or the State a party in any suit or question of ownership of property. [N.J.A.C. 7:9D-1]
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This permit conveys no rights, either expressed, or implied to divert water. [N.J.A.C. 7:9D-1]
This permit does not waive the obtaining of Federal or other State or local Government consent when necessary. This permit is not valid and no work shall be undertaken until such time as all other required approvals and permits have been obtained. [N.J.A.C. 7:9D-1]
This permit is NONTRANSFERABLE [N.J.A.C. 7:9D]
This well shall not be used for the supply of potable / drinking water. [N.J.A.C. 7:9D-1]

**WELL PERMIT**

New Well

The New Jersey Department of Environmental Protection grants this permit in accordance with your application, attachments accompanying same application, and applicable laws and regulations. This permit is also subject to further conditions and stipulations enumerated in the supporting documents which are agreed to by the permittee upon acceptance of the permit

**Certifying Driller:** JOSEPH KURZYNOWSKI, MASTER LICENSE # 0001618

**Permit Issued to:** AQUIFER DRILLING & TESTING

**Company Address:** 75 EAST SECOND ST MINEOLA, NY 11501

**PROPERTY OWNER**

Name: JERSEY CITY REDEVELOPMENT AGENCY

Organization: Redevelopment Agency

Address: 4 Jackson Square (39 KEARNEY AVE) 39 KEARNEY AVE

City: Jersey City

State: New Jersey

Zip Code: 07305

**PROPOSED WELL LOCATION**

Facility Name: Hudson County Site 114

Address: 880 Garfield Ave

County: Hudson

Municipality: Jersey City

Lot: 18.01

Block: 21501

Easting (X): 610923 Northing (Y): 683228

Local ID: 114-PW-07WR

Coordinate System: NJ State Plane (NAD83) - USFEET

**SITE CHARACTERISTICS**

**PROPOSED CONSTRUCTION**

WELL USE: INJECTION

Other Use(s): \_\_\_\_\_

Diameter (in.): 4

Regulatory Program

Requiring Wells/Borings: \_\_\_\_\_

Depth (ft.): 74

Case ID Number: \_\_\_\_\_

Pump Capacity (gpm): 0

Deviation Requested: N

Drilling Method: Sonic

Attachments: \_\_\_\_\_

**SPECIFIC CONDITIONS/REQUIREMENTS**

Approval Date: April 25, 2024

Expiration Date: April 25, 2025

Approved by the authority of:

Shawn M. LaTourette

Commissioner



Kathleen Burkhard, Bureau Chief  
Bureau of Water Allocation and Well Permitting

**WELL PERMIT**  
 New Well

<b>DEVIATION INFORMATION</b>	
Purpose:	
Unusual Conditions:	
Reason for Deviation:	
Proposed Well Construction	

**GENERAL CONDITIONS/REQUIREMENTS**

A copy of this permit shall be kept at the worksite / on the property and shall be exhibited upon request. [N.J.A.C. 7:9D-1]
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This permit is NONTRANSFERABLE [N.J.A.C. 7:9D]
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New Well

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**Certifying Driller:** JOSEPH KURZYNOWSKI, MASTER LICENSE # 0001618

**Permit Issued to:** AQUIFER DRILLING & TESTING

**Company Address:** 75 EAST SECOND ST MINEOLA, NY 11501

**PROPERTY OWNER**

Name: JERSEY CITY REDEVELOPMENT AGENCY

Organization: Redevelopment Agency

Address: 4 Jackson Square (39 KEARNEY AVE) 39 KEARNEY AVE

City: Jersey City

State: New Jersey

Zip Code: 07305

**PROPOSED WELL LOCATION**

Facility Name: Hudson County Site 114

Address: 880 Garfield Ave

County: Hudson

Municipality: Jersey City

Lot: 18.01

Block: 21501

Easting (X): 611100 Northing (Y): 683183

Local ID: 114-PW-09WR

Coordinate System: NJ State Plane (NAD83) - USFEET

**SITE CHARACTERISTICS**

**PROPOSED CONSTRUCTION**

WELL USE: MONITORING

Other Use(s): \_\_\_\_\_

Diameter (in.): 4

Regulatory Program

Requiring Wells/Borings: \_\_\_\_\_

Depth (ft.): 79

Case ID Number: \_\_\_\_\_

Pump Capacity (gpm): 0

Deviation Requested: N

Drilling Method: Sonic

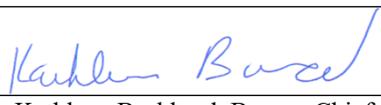
Attachments: \_\_\_\_\_

**SPECIFIC CONDITIONS/REQUIREMENTS**

Approval Date: April 29, 2024

Expiration Date: April 29, 2025

Approved by the authority of:  
Shawn M. LaTourette  
Commissioner

  
Kathleen Burkhard, Bureau Chief  
Bureau of Water Allocation and Well Permitting

**WELL PERMIT**  
 New Well

<b>DEVIATION INFORMATION</b>	
Purpose:	
Unusual Conditions:	
Reason for Deviation:	
Proposed Well Construction	

<b>GENERAL CONDITIONS/REQUIREMENTS</b>
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If the use of the well is to be changed a well permit for the proposed use of the well shall be submitted for review and approval. [N.J.A.C. 7:9D-1]
If you or a future property owner intend to redesignate this well as a Category 1 well (domestic, non-public, community water supply or public non-community water supply wells), the well must be constructed as a Category 1 well per the Well Construction and Abandonment Regulations at N.J.A.C. 7:0D-1.1 et seq. In addition, if the current or future property owner intends to have this well redesignated as a community water supply well, the well must be constructed by a Master well driller, which would include having a Master well driller on-site at all times during construction of the well, as specified in the Well Construction and Abandonment Regulations. Otherwise, the New Jersey Department of Environmental Protection will not allow the well to be redesignated, and a new well would have to be installed. [N.J.A.C. 7:9D-1.7((a))1i]
In accepting this permit the Property Owner and Driller agree to abide by the following terms and conditions [N.J.A.C. 7:9D-1]
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The granting of this permit shall not be construed in any way to affect the title or ownership of property, and shall not make the New Jersey Department of Environmental Protection or the State a party in any suit or question of ownership of property. [N.J.A.C. 7:9D-1]
The issuance of this permit shall not be deemed to affect in any way action by the New Jersey Department of Environmental Protection on any future application. [N.J.A.C. 7:9D-1]
This permit conveys no rights, either expressed, or implied to divert water. [N.J.A.C. 7:9D-1]
This permit does not waive the obtaining of Federal or other State or local Government consent when necessary. This permit is not valid and no work shall be undertaken until such time as all other required approvals and permits have been obtained. [N.J.A.C. 7:9D-1]
This permit is NONTRANSFERABLE [N.J.A.C. 7:9D]
This well shall not be used for the supply of potable / drinking water. [N.J.A.C. 7:9D-1]

**WELL PERMIT**

New Well

The New Jersey Department of Environmental Protection grants this permit in accordance with your application, attachments accompanying same application, and applicable laws and regulations. This permit is also subject to further conditions and stipulations enumerated in the supporting documents which are agreed to by the permittee upon acceptance of the permit

**Certifying Driller:** JOSEPH KURZYNOWSKI, MASTER LICENSE # 0001618

**Permit Issued to:** AQUIFER DRILLING & TESTING

**Company Address:** 75 EAST SECOND ST MINEOLA, NY 11501

**PROPERTY OWNER**

Name: JERSEY CITY REDEVELOPMENT AGENCY

Organization: Redevelopment Agency

Address: 4 Jackson Square (39 KEARNEY AVE) 39 KEARNEY AVE

City: Jersey City

State: New Jersey

Zip Code: 07305

**PROPOSED WELL LOCATION**

Facility Name: Hudson County Site 114

Address: 880 Garfield Ave

County: Hudson

Municipality: Jersey City

Lot: 18.01

Block: 21501

Easting (X): 611132 Northing (Y): 683260

Local ID: 114-PW-10WR

Coordinate System: NJ State Plane (NAD83) - USFEET

**SITE CHARACTERISTICS**

**PROPOSED CONSTRUCTION**

WELL USE: INJECTION

Other Use(s): \_\_\_\_\_

Diameter (in.): 4

Regulatory Program

Requiring Wells/Borings: \_\_\_\_\_

Depth (ft.): 70

Case ID Number: \_\_\_\_\_

Pump Capacity (gpm): 0

Deviation Requested: N

Drilling Method: Sonic

Attachments: \_\_\_\_\_

**SPECIFIC CONDITIONS/REQUIREMENTS**

Approval Date: April 29, 2024

Expiration Date: April 29, 2025

Approved by the authority of:

Shawn M. LaTourette

Commissioner



Kathleen Burkhard, Bureau Chief  
Bureau of Water Allocation and Well Permitting

**WELL PERMIT**  
 New Well

<b>DEVIATION INFORMATION</b>	
Purpose:	
Unusual Conditions:	
Reason for Deviation:	
Proposed Well Construction	

<b>GENERAL CONDITIONS/REQUIREMENTS</b>
A copy of this permit shall be kept at the worksite / on the property and shall be exhibited upon request. [N.J.A.C. 7:9D-1]
A well record must be submitted by the well driller to the Bureau of Water Systems and Well Permitting. Unless prior written approval is obtained from the Bureau of Water Systems and Well Permitting the well record shall be submitted electronically through the New Jersey Department of Environmental Protection's Regulatory Services Portal Submit Well Record: within ninety (90) days after the well is completed.[N.J.A.C. 7:9D-1]
All well drilling/pump installation activities shall comply with N.J.A.C. 7:9D-1 et seq. [N.J.A.C. 7:9D-1]
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This permit does not waive the obtaining of Federal or other State or local Government consent when necessary. This permit is not valid and no work shall be undertaken until such time as all other required approvals and permits have been obtained. [N.J.A.C. 7:9D-1]
This permit is NONTRANSFERABLE [N.J.A.C. 7:9D]
This well shall not be used for the supply of potable / drinking water. [N.J.A.C. 7:9D-1]

**WELL PERMIT**

New Well

The New Jersey Department of Environmental Protection grants this permit in accordance with your application, attachments accompanying same application, and applicable laws and regulations. This permit is also subject to further conditions and stipulations enumerated in the supporting documents which are agreed to by the permittee upon acceptance of the permit

**Certifying Driller:** JOSEPH KURZYNOWSKI, MASTER LICENSE # 0001618

**Permit Issued to:** AQUIFER DRILLING & TESTING

**Company Address:** 75 EAST SECOND ST MINEOLA, NY 11501

**PROPERTY OWNER**

Name: JERSEY CITY J REDEVELOPMENT AGENCY

Organization: Redevelopment Agency

Address: 66 York St.

City: Jersey City State: New Jersey Zip Code: 07302

**PROPOSED WELL LOCATION**

Facility Name: PPG

Address: 884 GARFIELD AVE

County: Hudson Municipality: Jersey City Lot: 19.01 Block: 21501

Easting (X): 611063 Northing (Y): 683541

Local ID: 114-PZ-521/WR

Coordinate System: NJ State Plane (NAD83) - USFEET

**SITE CHARACTERISTICS**

**PROPOSED CONSTRUCTION**

**WELL USE:** PIEZOMETER

Other Use(s): \_\_\_\_\_

Diameter (in.): 1.5

Regulatory Program

Requiring Wells/Borings: \_\_\_\_\_

Depth (ft.): 35

Case ID Number: \_\_\_\_\_

Pump Capacity (gpm): 0

Deviation Requested: Y

Drilling Method: Sonic

Attachments: \_\_\_\_\_

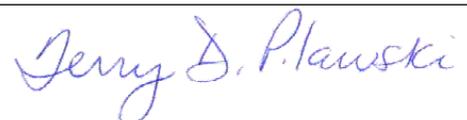
**SPECIFIC CONDITIONS/REQUIREMENTS**

Well must be built in accordance with submitted deviation [N.J.A.C. 7.9D-2.8]

**Approval Date:** October 14, 2021

**Expiration Date:** October 14, 2022

Approved by the authority of:  
Shawn M. LaTourette  
Acting Commissioner



Terry Pilawski, Chief  
Bureau of Water Allocation and Well Permitting

**WELL PERMIT**  
 New Well

<b>DEVIATION INFORMATION</b>	
Purpose:	piezometer
Unusual Conditions:	client request
Reason for Deviation:	cluster piezometer at different depths
Proposed Well Construction	one Monitoring well and two piezometer at different depth in 10 inch borehole

<b>GENERAL CONDITIONS/REQUIREMENTS</b>
A copy of this permit shall be kept at the worksite / on the property and shall be exhibited upon request. [N.J.A.C. 7:9D-1]
A well record must be submitted by the well driller to the Bureau of Water Systems and Well Permitting. Unless prior written approval is obtained from the Bureau of Water Systems and Well Permitting the well record shall be submitted electronically through the New Jersey Department of Environmental Protection's Regulatory Services Portal Submit Well Record: within ninety (90) days after the well is completed.[N.J.A.C. 7:9D-1]
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This permit conveys no rights, either expressed, or implied to divert water. [N.J.A.C. 7:9D-1]
This permit does not waive the obtaining of Federal or other State or local Government consent when necessary. This permit is not valid and no work shall be undertaken until such time as all other required approvals and permits have been obtained. [N.J.A.C. 7:9D-1]
This permit is NONTRANSFERABLE [N.J.A.C. 7:9D]
This well shall not be used for the supply of potable / drinking water. [N.J.A.C. 7:9D-1]

**WELL PERMIT**

New Well

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**Certifying Driller:** JOSEPH KURZYNOWSKI, MASTER LICENSE # 0001618

**Permit Issued to:** AQUIFER DRILLING & TESTING

**Company Address:** 75 EAST SECOND ST MINEOLA, NY 11501

**PROPERTY OWNER**

Name: JERSEY CITY J REDEVELOPMENT AGENCY

Organization: Redevelopment Agency

Address: 66 York St.

City: Jersey City

State: New Jersey

Zip Code: 07302

**PROPOSED WELL LOCATION**

Facility Name: PPG

Address: 884 GARFIELD AVE

County: Hudson

Municipality: Jersey City

Lot: 19.01

Block: 21501

Easting (X): 611063 Northing (Y): 683541

Local ID: 114-PZ-521/D/WR

Coordinate System: NJ State Plane (NAD83) - USFEET

**SITE CHARACTERISTICS**

**PROPOSED CONSTRUCTION**

**WELL USE:** PIEZOMETER

Other Use(s):

Diameter (in.): 1.5

Regulatory Program

Requiring Wells/Borings:

Depth (ft.): 35

Case ID Number:

Pump Capacity (gpm): 0

Deviation Requested: Y

Drilling Method: Sonic

Attachments:

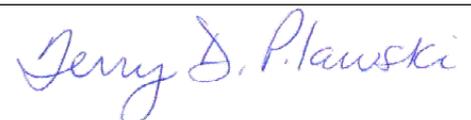
**SPECIFIC CONDITIONS/REQUIREMENTS**

Well must be built in accordance with submitted deviation [N.J.A.C. 7.9D-2.8]

**Approval Date:** October 14, 2021

**Expiration Date:** October 14, 2022

Approved by the authority of:  
Shawn M. LaTourette  
Acting Commissioner



Terry Pilawski, Chief  
Bureau of Water Allocation and Well Permitting

**WELL PERMIT**  
 New Well

<b>DEVIATION INFORMATION</b>	
Purpose:	piezometer
Unusual Conditions:	client request
Reason for Deviation:	cluster piezometer at different depths
Proposed Well Construction	one Monitoring well and two piezometer at different depth in 10 inch borehole

<b>GENERAL CONDITIONS/REQUIREMENTS</b>
A copy of this permit shall be kept at the worksite / on the property and shall be exhibited upon request. [N.J.A.C. 7:9D-1]
A well record must be submitted by the well driller to the Bureau of Water Systems and Well Permitting. Unless prior written approval is obtained from the Bureau of Water Systems and Well Permitting the well record shall be submitted electronically through the New Jersey Department of Environmental Protection's Regulatory Services Portal Submit Well Record: within ninety (90) days after the well is completed.[N.J.A.C. 7:9D-1]
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This permit is NONTRANSFERABLE [N.J.A.C. 7:9D]
This well shall not be used for the supply of potable / drinking water. [N.J.A.C. 7:9D-1]

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**Certifying Driller:** JOSEPH KURZYNOWSKI, MASTER LICENSE # 0001618

**Permit Issued to:** AQUIFER DRILLING & TESTING

**Company Address:** 75 EAST SECOND ST MINEOLA, NY 11501

**PROPERTY OWNER**

Name: JERSEY CITY J REDEVELOPMENT AGENCY

Organization: Redevelopment Agency

Address: 66 York St.

City: Jersey City

State: New Jersey

Zip Code: 07302

**PROPOSED WELL LOCATION**

Facility Name: PPG

Address: 884 GARFIELD AVE

County: Hudson

Municipality: Jersey City

Lot: 19.01

Block: 21501

Easting (X): 611063 Northing (Y): 683541

**Local ID:** 114-PZ-521/D/WR

Coordinate System: NJ State Plane (NAD83) - USFEET

**SITE CHARACTERISTICS**

**PROPOSED CONSTRUCTION**

**WELL USE:** MONITORING

Other Use(s): \_\_\_\_\_

Diameter (in.): 2

Regulatory Program

Requiring Wells/Borings: \_\_\_\_\_

Depth (ft.): 75

Case ID Number: \_\_\_\_\_

Pump Capacity (gpm): 0

Deviation Requested: N

Drilling Method: Sonic

Attachments: \_\_\_\_\_

**SPECIFIC CONDITIONS/REQUIREMENTS**

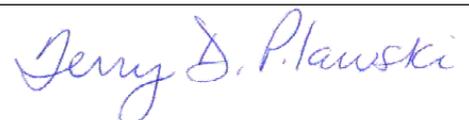
**Approval Date:** September 27, 2021

**Expiration Date:** September 27, 2022

Approved by the authority of:

Shawn M. LaTourette

Acting Commissioner



Terry Pilawski, Chief

Bureau of Water Allocation and Well Permitting

**WELL PERMIT**  
 New Well

<b>DEVIATION INFORMATION</b>	
Purpose:	
Unusual Conditions:	
Reason for Deviation:	
Proposed Well Construction	

<b>GENERAL CONDITIONS/REQUIREMENTS</b>
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**PROPERTY OWNER**

Name: JERSEY CITY J REDEVELOPMENT AGENCY

Organization: Redevelopment Agency

Address: 66 York St.

City: Jersey City State: New Jersey Zip Code: 07302

**PROPOSED WELL LOCATION**

Facility Name: PPG

Address: 880 Garfield Ave

County: Hudson Municipality: Jersey City Lot: 18.01 Block: 21501

Easting (X): 610918 Northing (Y): 683215  
Coordinate System: NJ State Plane (NAD83) - USFEET

**Local ID:** 114-P3-PZ-571/T

**SITE CHARACTERISTICS**

**PROPOSED CONSTRUCTION**

**WELL USE:** PIEZOMETER

Other Use(s): \_\_\_\_\_

Diameter (in.): 1.5

Regulatory Program

Requiring Wells/Borings: \_\_\_\_\_

Depth (ft.): 58

Case ID Number: \_\_\_\_\_

Pump Capacity (gpm): 0

Deviation Requested: Y

Drilling Method: Sonic

Attachments: \_\_\_\_\_

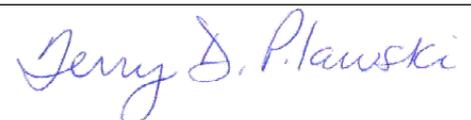
**SPECIFIC CONDITIONS/REQUIREMENTS**

Well must be built in accordance with submitted deviation [N.J.A.C. 7.9D-2.8]

**Approval Date:** October 15, 2021

**Expiration Date:** October 15, 2022

Approved by the authority of:  
Shawn M. LaTourette  
Acting Commissioner



Terry Pilawski, Chief  
Bureau of Water Allocation and Well Permitting

**WELL PERMIT**  
 New Well

<b>DEVIATION INFORMATION</b>	
Purpose:	piezometer
Unusual Conditions:	client request
Reason for Deviation:	cluster piezometer
Proposed Well Construction	two piezometer and Monitoring well in a 10 inch borehole

**GENERAL CONDITIONS/REQUIREMENTS**

A copy of this permit shall be kept at the worksite / on the property and shall be exhibited upon request. [N.J.A.C. 7:9D-1]
A well record must be submitted by the well driller to the Bureau of Water Systems and Well Permitting. Unless prior written approval is obtained from the Bureau of Water Systems and Well Permitting the well record shall be submitted electronically through the New Jersey Department of Environmental Protection's Regulatory Services Portal Submit Well Record: within ninety (90) days after the well is completed.[N.J.A.C. 7:9D-1]
All well drilling/pump installation activities shall comply with N.J.A.C. 7:9D-1 et seq. [N.J.A.C. 7:9D-1]
For this permit to remain valid, the well approved in this permit shall be constructed within one year of the effective date of the permit. [N.J.A.C. 7:9D-1]
If the pump capacity applied for is less than 70 gpm, no subsequent increase to 70 gpm or more shall be made without prior approval of the Bureau of Water Systems and Well Permitting. [N.J.A.C. 7:9D-1]
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This permit conveys no rights, either expressed, or implied to divert water. [N.J.A.C. 7:9D-1]
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This permit is NONTRANSFERABLE [N.J.A.C. 7:9D]
This well shall not be used for the supply of potable / drinking water. [N.J.A.C. 7:9D-1]

**WELL PERMIT**

New Well

The New Jersey Department of Environmental Protection grants this permit in accordance with your application, attachments accompanying same application, and applicable laws and regulations. This permit is also subject to further conditions and stipulations enumerated in the supporting documents which are agreed to by the permittee upon acceptance of the permit

**Certifying Driller:** JOSEPH KURZYNOWSKI, MASTER LICENSE # 0001618

**Permit Issued to:** AQUIFER DRILLING & TESTING

**Company Address:** 75 EAST SECOND ST MINEOLA, NY 11501

**PROPERTY OWNER**

Name: JERSEY CITY J REDEVELOPMENT AGENCY

Organization: Redevelopment Agency

Address: 66 York St.

City: Jersey City State: New Jersey Zip Code: 07302

**PROPOSED WELL LOCATION**

Facility Name: PPG

Address: 880 Garfield Ave

County: Hudson Municipality: Jersey City Lot: 18.01 Block: 21501

Easting (X): 610918 Northing (Y): 683215  
Coordinate System: NJ State Plane (NAD83) - USFEET

**Local ID:** 114-P3-PZ-571/D

**SITE CHARACTERISTICS**

**PROPOSED CONSTRUCTION**

**WELL USE:** AGRIC/HORT/AQUA IRRIGATION

Other Use(s): Piezometer

Diameter (in.): 1.5

Regulatory Program

Requiring Wells/Borings: \_\_\_\_\_

Depth (ft.): 58

Case ID Number: \_\_\_\_\_

Pump Capacity (gpm): 0

Deviation Requested: Y

Drilling Method: Sonic

Attachments: \_\_\_\_\_

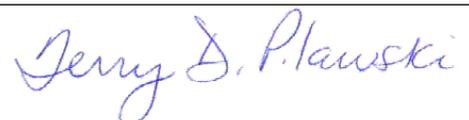
**SPECIFIC CONDITIONS/REQUIREMENTS**

Well must be built in accordance with submitted deviation [N.J.A.C. 7.9D-2.8]

**Approval Date:** October 14, 2021

**Expiration Date:** October 14, 2022

Approved by the authority of:  
Shawn M. LaTourette  
Acting Commissioner



Terry Pilawski, Chief  
Bureau of Water Allocation and Well Permitting

**WELL PERMIT**  
 New Well

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Purpose:	piezometer
Unusual Conditions:	client request
Reason for Deviation:	cluster piezometer
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This permit is NONTRANSFERABLE [N.J.A.C. 7:9D]
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**WELL PERMIT**

New Well

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**Company Address:** 75 EAST SECOND ST MINEOLA, NY 11501

**PROPERTY OWNER**

Name: JERSEY CITY J REDEVELOPMENT AGENCY

Organization: Redevelopment Agency

Address: 66 York St.

City: Jersey City

State: New Jersey

Zip Code: 07302

**PROPOSED WELL LOCATION**

Facility Name: PPG

Address: 880 Garfield Ave

County: Hudson

Municipality: Jersey City

Lot: 18.01

Block: 21501

Easting (X): 610918 Northing (Y): 683215

**Local ID:** 114-PZ-572/D/T

Coordinate System: NJ State Plane (NAD83) - USFEET

**SITE CHARACTERISTICS**

**PROPOSED CONSTRUCTION**

**WELL USE:** MONITORING

Other Use(s): \_\_\_\_\_

Diameter (in.): 2

Regulatory Program

Requiring Wells/Borings: \_\_\_\_\_

Depth (ft.): 70

Case ID Number: \_\_\_\_\_

Pump Capacity (gpm): 0

Deviation Requested: N

Drilling Method: Sonic

Attachments: \_\_\_\_\_

**SPECIFIC CONDITIONS/REQUIREMENTS**

**Approval Date:** September 27, 2021

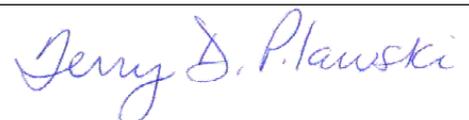
**Expiration Date:** September 27, 2022

Approved by the authority of:

Shawn M. LaTourette

Acting Commissioner

Well Permit -- Page 1 of 2



Terry Pilawski, Chief

Bureau of Water Allocation and Well Permitting

**WELL PERMIT**  
 New Well

<b>DEVIATION INFORMATION</b>	
Purpose:	
Unusual Conditions:	
Reason for Deviation:	
Proposed Well Construction	

<b>GENERAL CONDITIONS/REQUIREMENTS</b>
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Organization: Redevelopment Agency

Address: 66 York St.

City: Jersey City State: New Jersey Zip Code: 07302

**PROPOSED WELL LOCATION**

Facility Name: PPG

Address: 880 Garfield Ave

County: Hudson Municipality: Jersey City Lot: 18.01 Block: 21501

Easting (X): 610929 Northing (Y): 683430  
Coordinate System: NJ State Plane (NAD83) - USFEET

**Local ID:** 114-P3-PZ-661/W

**SITE CHARACTERISTICS**

**PROPOSED CONSTRUCTION**

**WELL USE:** PIEZOMETER

Other Use(s): \_\_\_\_\_

Diameter (in.): 1.5

Regulatory Program

Requiring Wells/Borings: \_\_\_\_\_

Depth (ft.): 74

Case ID Number: \_\_\_\_\_

Pump Capacity (gpm): 0

Deviation Requested: Y

Drilling Method: Sonic

Attachments: \_\_\_\_\_

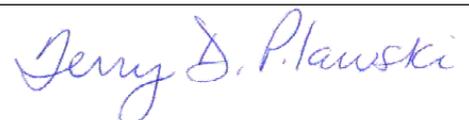
**SPECIFIC CONDITIONS/REQUIREMENTS**

Well must be built in accordance with submitted deviation [N.J.A.C. 7.9D-2.8]

**Approval Date:** October 14, 2021

**Expiration Date:** October 14, 2022

Approved by the authority of:  
Shawn M. LaTourette  
Acting Commissioner



Terry Pilawski, Chief  
Bureau of Water Allocation and Well Permitting

**WELL PERMIT**  
 New Well

<b>DEVIATION INFORMATION</b>	
Purpose:	piezometer
Unusual Conditions:	client request
Reason for Deviation:	cluster piezometer
Proposed Well Construction	3 piezometer at different depth with a 2 inch monitoring well in a 10 inch borehole

<b>GENERAL CONDITIONS/REQUIREMENTS</b>
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**PROPOSED CONSTRUCTION**

**WELL USE:** MONITORING

Other Use(s): \_\_\_\_\_

Diameter (in.): 2

Regulatory Program

Requiring Wells/Borings: \_\_\_\_\_

Depth (ft.): 70

Case ID Number: \_\_\_\_\_

Pump Capacity (gpm): 0

Deviation Requested: N

Drilling Method: Sonic

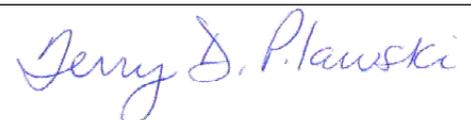
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**Company Address:** 75 EAST SECOND ST MINEOLA, NY 11501

**PROPERTY OWNER**

Name: JERSEY CITY J REDEVELOPMENT AGENCY

Organization: Redevelopment Agency

Address: 66 York St.

City: Jersey City State: New Jersey Zip Code: 07302

**PROPOSED WELL LOCATION**

Facility Name: PPG

Address: 880 Garfield Ave

County: Hudson Municipality: Jersey City Lot: 18.01 Block: 21501

Easting (X): 610929 Northing (Y): 683430  
Coordinate System: NJ State Plane (NAD83) - USFEET

**Local ID:** 114-P3-PZ-661/T

**SITE CHARACTERISTICS**

**PROPOSED CONSTRUCTION**

**WELL USE:** PIEZOMETER

Other Use(s): \_\_\_\_\_

Diameter (in.): 1.5

Regulatory Program

Requiring Wells/Borings: \_\_\_\_\_

Depth (ft.): 74

Case ID Number: \_\_\_\_\_

Pump Capacity (gpm): 0

Deviation Requested: Y

Drilling Method: Sonic

Attachments: \_\_\_\_\_

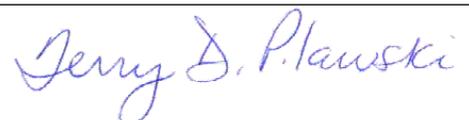
**SPECIFIC CONDITIONS/REQUIREMENTS**

Well must be built in accordance with submitted deviation [N.J.A.C. 7.9D-2.8]

**Approval Date:** October 14, 2021

**Expiration Date:** October 14, 2022

Approved by the authority of:  
Shawn M. LaTourette  
Acting Commissioner



Terry Pilawski, Chief  
Bureau of Water Allocation and Well Permitting

**WELL PERMIT**  
 New Well

<b>DEVIATION INFORMATION</b>	
Purpose:	piezometer
Unusual Conditions:	client request
Reason for Deviation:	cluster piezometer
Proposed Well Construction	3 piezometer at different depth with a 2 inch monitoring well in a 10 inch borehole

<b>GENERAL CONDITIONS/REQUIREMENTS</b>
A copy of this permit shall be kept at the worksite / on the property and shall be exhibited upon request. [N.J.A.C. 7:9D-1]
A well record must be submitted by the well driller to the Bureau of Water Systems and Well Permitting. Unless prior written approval is obtained from the Bureau of Water Systems and Well Permitting the well record shall be submitted electronically through the New Jersey Department of Environmental Protection's Regulatory Services Portal Submit Well Record: within ninety (90) days after the well is completed. [N.J.A.C. 7:9D-1]
All well drilling/pump installation activities shall comply with N.J.A.C. 7:9D-1 et seq. [N.J.A.C. 7:9D-1]
For this permit to remain valid, the well approved in this permit shall be constructed within one year of the effective date of the permit. [N.J.A.C. 7:9D-1]
If the pump capacity applied for is less than 70 gpm, no subsequent increase to 70 gpm or more shall be made without prior approval of the Bureau of Water Systems and Well Permitting. [N.J.A.C. 7:9D-1]
If the use of the well is to be changed a well permit for the proposed use of the well shall be submitted for review and approval. [N.J.A.C. 7:9D-1]
If you or a future property owner intend to redesignate this well as a Category 1 well (domestic, non-public, community water supply or public non-community water supply wells), the well must be constructed as a Category 1 well per the Well Construction and Abandonment Regulations at N.J.A.C. 7:0D-1.1 et seq. In addition, if the current or future property owner intends to have this well redesignated as a community water supply well, the well must be constructed by a Master well driller, which would include having a Master well driller on-site at all times during construction of the well, as specified in the Well Construction and Abandonment Regulations. Otherwise, the New Jersey Department of Environmental Protection will not allow the well to be redesignated, and a new well would have to be installed. [N.J.A.C. 7:9D-1.7((a))1i]
In accepting this permit the Property Owner and Driller agree to abide by the following terms and conditions [N.J.A.C. 7:9D-1]
In the event that this well is not constructed the well driller shall notify the Bureau of Water Systems and Well Permitting of the permit cancellation. Unless prior written approval is obtained from the Bureau of Water Systems and Well Permitting the Cancellation notification shall be submitted electronically through the New Jersey Department of Environmental Protection's Regulatory Services Portal Submit Well Permit Cancellation : by the expiration date of this permit. [N.J.A.C. 7:9D-1]
In the event this well is abandoned, the Owner or Well driller shall assume full responsibility for having the well decommissioned in a manner satisfactory to the New Jersey Department of Environmental Protection in accordance with the provisions of N.J.A.C. 7:9D-1 et seq. [N.J.A.C. 7:9D-1]
The granting of this permit shall not be construed in any way to affect the title or ownership of property, and shall not make the New Jersey Department of Environmental Protection or the State a party in any suit or question of ownership of property. [N.J.A.C. 7:9D-1]
The issuance of this permit shall not be deemed to affect in any way action by the New Jersey Department of Environmental Protection on any future application. [N.J.A.C. 7:9D-1]
This permit conveys no rights, either expressed, or implied to divert water. [N.J.A.C. 7:9D-1]
This permit does not waive the obtaining of Federal or other State or local Government consent when necessary. This permit is not valid and no work shall be undertaken until such time as all other required approvals and permits have been obtained. [N.J.A.C. 7:9D-1]
This permit is NONTRANSFERABLE [N.J.A.C. 7:9D]
This well shall not be used for the supply of potable / drinking water. [N.J.A.C. 7:9D-1]

**WELL PERMIT**

New Well

The New Jersey Department of Environmental Protection grants this permit in accordance with your application, attachments accompanying same application, and applicable laws and regulations. This permit is also subject to further conditions and stipulations enumerated in the supporting documents which are agreed to by the permittee upon acceptance of the permit

**Certifying Driller:** JOSEPH KURZYNOWSKI, MASTER LICENSE # 0001618

**Permit Issued to:** AQUIFER DRILLING & TESTING

**Company Address:** 75 EAST SECOND ST MINEOLA, NY 11501

**PROPERTY OWNER**

Name: JERSEY CITY J REDEVELOPMENT AGENCY

Organization: Redevelopment Agency

Address: 66 York St.

City: Jersey City State: New Jersey Zip Code: 07302

**PROPOSED WELL LOCATION**

Facility Name: PPG

Address: 880 Garfield Ave

County: Hudson Municipality: Jersey City Lot: 18.01 Block: 21501

Easting (X): 610929 Northing (Y): 683430  
Coordinate System: NJ State Plane (NAD83) - USFEET

**Local ID:** 114-P3-PZ-661/R

**SITE CHARACTERISTICS**

**PROPOSED CONSTRUCTION**

**WELL USE:** PIEZOMETER

Other Use(s): \_\_\_\_\_

Diameter (in.): 1.5

Regulatory Program

Requiring Wells/Borings: \_\_\_\_\_

Depth (ft.): 74

Case ID Number: \_\_\_\_\_

Pump Capacity (gpm): 0

Deviation Requested: Y

Drilling Method: Sonic

Attachments: \_\_\_\_\_

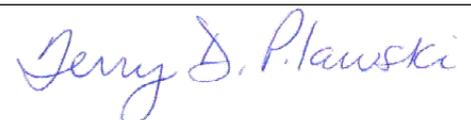
**SPECIFIC CONDITIONS/REQUIREMENTS**

Well must be built in accordance with submitted deviation [N.J.A.C. 7.9D-2.8]

**Approval Date:** October 14, 2021

**Expiration Date:** October 14, 2022

Approved by the authority of:  
Shawn M. LaTourette  
Acting Commissioner



Terry Pilawski, Chief  
Bureau of Water Allocation and Well Permitting

**WELL PERMIT**  
 New Well

<b>DEVIATION INFORMATION</b>	
Purpose:	piezometer
Unusual Conditions:	client request
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Addendum to Groundwater Remedial Investigation Report and Groundwater Remedial Action Work Plan for Bedrock  
Water-Bearing Zone  
Garfield Avenue Group of Sites  
PPG, Jersey City, New Jersey

**Form As**



**MONITORING WELL CERTIFICATION FORM A - AS-BUILT  
CERTIFICATION**

Date Stamp  
(For Department use only)

**SECTION A. SITE NAME AND LOCATION**

Site Name: Hudson County Chromate Site 114

List all AKAs: PPG Site 114

Street Address: 70 Carteret Avenue

Municipality: Jersey City (Township, Borough or City)

County: Hudson Zip Code: 07305

Program Interest (PI) Number(s): G000005480

Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG

2. Well Location (Street Address) 884 Garfield Avenue

3. Well Location (Municipal Block and Lot) Block# 21501 Lot # 18.01

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing):.. E202110740
2. Site Well Number as shown on application or plans): ..... 114-MW4D
3. Well Completion Date: ..... 11/11/21
4. Distance from Top of Casing (cap off) to ground surface (nearest 0.01'): ..... 2.67 feet
5. Total Depth of Well to the nearest ½ foot: ..... 127.67 feet
6. Depth to Top of Screen (or top of open hole) from top of casing (nearest 0.01'):..... 89.67 feet
7. Screen Length (or length of open hole) in feet: ..... 38 feet
8. Screen or Slot Size: ..... Open Hole (FLUTe liner installed)
9. Screen or Slot Material: ..... Open Hole (FLUTe liner installed)
10. Casing Material (PVC, steel, or other – specify): ..... Steel
11. Casing Diameter (inches): ..... 6 inches
12. Static Water Level from top of casing at the time of installation (nearest 0.01'): ..... 5.75 feet
13. Yield (gallons per minute): ..... less than 1.0 gpm
14. Development Technique (specify): ..... Airlift & pump
15. Length of Time well is developed/pumped or bailed (hours and minutes): ..... 13.5 hours



**New Jersey Department of Environmental Protection**  
 Site Remediation Program

**MONITORING WELL CERTIFICATION FORM A - AS-BUILT  
 CERTIFICATION**

Date Stamp  
 (For Department use only)

**SECTION A. SITE NAME AND LOCATION**

Site Name: Garfield Avenue Group Chrome Sites (PPG)  
 List all AKAs: PPG Site 114  
 Street Address: Garfield Avenue and Carteret Avenue  
 Municipality: Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG Industries  
 2. Well Location (Street Address) 900 Garfield Avenue, Jersey City, NJ  
 3. Well Location (Municipal Block and Lot) Block# \_\_\_\_\_ Lot # \_\_\_\_\_

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing):.. 2600081167  
 2. Site Well Number as shown on application or plans): ..... 114-MW6D  
 3. Well Completion Date: ..... 12/14/2026  
 4. Distance from Top of Casing (cap off) to ground surface (nearest 0.01'): ..... 1.31'  
 5. Total Depth of Well to the nearest 1/2 foot: ..... 111.0'  
 6. Depth to Top of Screen (or top of open hole) from top of casing (nearest 0.01'):..... 87.31'  
 7. Screen Length (or length of open hole) in feet: ..... 25.0'  
 8. Screen or Slot Size: ..... 0.010"  
 9. Screen or Slot Material: ..... PVC  
 10. Casing Material (PVC, steel, or other – specify): ..... PVC  
 11. Casing Diameter (inches): ..... 6.0"  
 12. Static Water Level from top of casing at the time of installation (nearest 0.01'): ..... \_\_\_\_\_  
 13. Yield (gallons per minute): ..... \_\_\_\_\_  
 14. Development Technique (specify): ..... \_\_\_\_\_  
 15. Length of Time well is developed/pumped or bailed (hours and minutes): ..... \_\_\_\_\_



**New Jersey Department of Environmental Protection**  
 Site Remediation Program

**MONITORING WELL CERTIFICATION FORM A - AS-BUILT  
 CERTIFICATION**

Date Stamp  
 (For Department use only)

**SECTION A. SITE NAME AND LOCATION**

Site Name: HCC Site 114  
 List all AKAs: HCC Site 114, Garfield Ave  
 Street Address: 900 Garfield Ave  
 Municipality: Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): G000008791 Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner \_\_\_\_\_  
 2. Well Location (Street Address) \_\_\_\_\_  
 3. Well Location (Municipal Block and Lot) Block# 2026.1 Lot # 1

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing):.. 2600081207  
 2. Site Well Number as shown on application or plans): ..... 114-MW7D  
 3. Well Completion Date: ..... 12/15/06  
 4. Distance from Top of Casing (cap off) to ground surface (nearest 0.01'): ..... 0.58  
 5. Total Depth of Well to the nearest 1/2 foot: ..... N/A  
 6. Depth to Top of Screen (or top of open hole) from top of casing (nearest 0.01'):..... N/A  
 7. Screen Length (or length of open hole) in feet: ..... N/A  
 8. Screen or Slot Size: ..... N/A  
 9. Screen or Slot Material: ..... N/A  
 10. Casing Material (PVC, steel, or other – specify): ..... N/A  
 11. Casing Diameter (inches): ..... N/A  
 12. Static Water Level from top of casing at the time of installation (nearest 0.01'): ..... N/A  
 13. Yield (gallons per minute): ..... N/A  
 14. Development Technique (specify): ..... Pump/Surge Block  
 15. Length of Time well is developed/pumped or bailed (hours and minutes): ..... N/A



**New Jersey Department of Environmental Protection**  
 Site Remediation Program

**MONITORING WELL CERTIFICATION FORM A - AS-BUILT CERTIFICATION**

Date Stamp  
 (For Department use only)

**SECTION A. SITE NAME AND LOCATION**

Site Name: HCC Site 114  
 List all AKAs: HCC Site 114, Garfield Ave  
 Street Address: 900 Garfield Ave  
 Municipality: Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): G000008791 Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner \_\_\_\_\_  
 2. Well Location (Street Address) \_\_\_\_\_  
 3. Well Location (Municipal Block and Lot) Block# \_\_\_\_\_ Lot # \_\_\_\_\_

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing):.. 2600081301  
 2. Site Well Number as shown on application or plans): ..... 114-MW16B  
 3. Well Completion Date: ..... 01-05-2007  
 4. Distance from Top of Casing (cap off) to ground surface (nearest 0.01'): ..... 0.57  
 5. Total Depth of Well to the nearest 1/2 foot: ..... 35.5  
 6. Depth to Top of Screen (or top of open hole) from top of casing (nearest 0.01'):..... 30.5  
 7. Screen Length (or length of open hole) in feet: ..... 5.0  
 8. Screen or Slot Size: ..... 0.010  
 9. Screen or Slot Material: ..... PVC  
 10. Casing Material (PVC, steel, or other – specify): ..... PVC  
 11. Casing Diameter (inches): ..... 2.0  
 12. Static Water Level from top of casing at the time of installation (nearest 0.01'): ..... Not Available  
 13. Yield (gallons per minute): ..... Not Available  
 14. Development Technique (specify): ..... Pump/Surge Block  
 15. Length of Time well is developed/pumped or bailed (hours and minutes): ..... Not Available



**New Jersey Department of Environmental Protection**  
 Site Remediation Program

**MONITORING WELL CERTIFICATION FORM A - AS-BUILT  
 CERTIFICATION**

Date Stamp  
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**SECTION A. SITE NAME AND LOCATION**

Site Name: Garfield Avenue Group Chrome Sites (PPG)  
 List all AKAs: PPG Site 114  
 Street Address: Garfield Avenue and Carteret Avenue  
 Municipality: Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG Industries  
 2. Well Location (Street Address) 884 Garfield Avenue, Jersey City, NJ  
 3. Well Location (Municipal Block and Lot) Block# 21501 Lot # 19.01

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing):.. E202012657  
 2. Site Well Number as shown on application or plans): ..... 114-MW52D  
 3. Well Completion Date: ..... 12/11/20  
 4. Distance from Top of Casing (cap off) to ground surface (nearest 0.01'): ..... 2.72'  
 5. Total Depth of Well to the nearest 1/2 foot: ..... 105.0'  
 6. Depth to Top of Screen (or top of open hole) from top of casing (nearest 0.01'):..... 82.33'  
 7. Screen Length (or length of open hole) in feet: ..... 25.0'  
 8. Screen or Slot Size: ..... NA  
 9. Screen or Slot Material: ..... NA  
 10. Casing Material (PVC, steel, or other – specify): ..... STEEL  
 11. Casing Diameter (inches): ..... 6.0"  
 12. Static Water Level from top of casing at the time of installation (nearest 0.01'): ..... 8.32  
 13. Yield (gallons per minute): ..... < 1.0 GPM  
 14. Development Technique (specify): ..... AIR LIFT PUMPING  
 15. Length of Time well is developed/pumped or bailed (hours and minutes): ..... 9 HOURS



**New Jersey Department of Environmental Protection**  
 Site Remediation Program

**MONITORING WELL CERTIFICATION FORM A - AS-BUILT  
 CERTIFICATION**

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**SECTION A. SITE NAME AND LOCATION**

Site Name: Garfield Avenue Group Chrome Sites (PPG)  
 List all AKAs: PPG Site 114  
 Street Address: Garfield Avenue and Carteret Avenue  
 Municipality: Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG Industries  
 2. Well Location (Street Address) 880 Garfield Avenue , Jersey City, NJ  
 3. Well Location (Municipal Block and Lot) Block# 21501 Lot # 18

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing):.. E202002720  
 2. Site Well Number as shown on application or plans): ..... 114-MW53C  
 3. Well Completion Date: ..... 07/13/2020  
 4. Distance from Top of Casing (cap off) to ground surface (nearest 0.01'): ..... 1.15'  
 5. Total Depth of Well to the nearest ½ foot: ..... 48.5'  
 6. Depth to Top of Screen (or top of open hole) from top of casing (nearest 0.01'):..... 47.15'  
 7. Screen Length (or length of open hole) in feet: ..... 1.5'  
 8. Screen or Slot Size: ..... 0.010"  
 9. Screen or Slot Material: ..... PVC  
 10. Casing Material (PVC, steel, or other – specify): ..... PVC  
 11. Casing Diameter (inches): ..... 2.0"  
 12. Static Water Level from top of casing at the time of installation (nearest 0.01'): ..... 7.13'  
 13. Yield (gallons per minute): ..... 1.0 GPM  
 14. Development Technique (specify): ..... PUMP AND SURGE  
 15. Length of Time well is developed/pumped or bailed (hours and minutes): ..... 11 HOUR 35 MIN



**New Jersey Department of Environmental Protection**  
 Site Remediation Program

**MONITORING WELL CERTIFICATION FORM A - AS-BUILT CERTIFICATION**

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 Street Address: Garfield Avenue and Carteret Avenue  
 Municipality: Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG Industries  
 2. Well Location (Street Address) 2 Dakota St, Jersey City, NJ  
 3. Well Location (Municipal Block and Lot) Block# 21501 Lot # 16

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing):.. E202002722  
 2. Site Well Number as shown on application or plans): ..... 114-MW55C  
 3. Well Completion Date: ..... 03/27/2020  
 4. Distance from Top of Casing (cap off) to ground surface (nearest 0.01'): ..... 2.13'  
 5. Total Depth of Well to the nearest 1/2 foot: ..... 70.78  
 6. Depth to Top of Screen (or top of open hole) from top of casing (nearest 0.01'):..... 70.13  
 7. Screen Length (or length of open hole) in feet: ..... 1.0'  
 8. Screen or Slot Size: ..... 0.010"  
 9. Screen or Slot Material: ..... PVC  
 10. Casing Material (PVC, steel, or other – specify): ..... PVC  
 11. Casing Diameter (inches): ..... 2.0"  
 12. Static Water Level from top of casing at the time of installation (nearest 0.01'): ..... 5.59  
 13. Yield (gallons per minute): ..... 0.5  
 14. Development Technique (specify): ..... PUMP AND SURGE  
 15. Length of Time well is developed/pumped or bailed (hours and minutes): ..... 7 HOURS 15 MIN



**New Jersey Department of Environmental Protection**  
 Site Remediation Program

**MONITORING WELL CERTIFICATION FORM A - AS-BUILT  
 CERTIFICATION**

Date Stamp  
 (For Department use only)

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 List all AKAs: PPG Site 114  
 Street Address: Garfield Avenue and Carteret Avenue  
 Municipality: Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG Industries  
 2. Well Location (Street Address) 880 Garfield Avenue, Jersey City, New Jersey  
 3. Well Location (Municipal Block and Lot) Block# 21501 Lot # 18

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing):.. E202002724  
 2. Site Well Number as shown on application or plans): ..... 114-MW57C  
 3. Well Completion Date: ..... 07/01/2020  
 4. Distance from Top of Casing (cap off) to ground surface (nearest 0.01'): ..... 1.58'  
 5. Total Depth of Well to the nearest 1/2 foot: ..... 71.93'  
 6. Depth to Top of Screen (or top of open hole) from top of casing (nearest 0.01'):..... 70.08  
 7. Screen Length (or length of open hole) in feet: ..... 1.5'  
 8. Screen or Slot Size: ..... 0.010"  
 9. Screen or Slot Material: ..... PVC  
 10. Casing Material (PVC, steel, or other – specify): ..... PVC  
 11. Casing Diameter (inches): ..... 2.0"  
 12. Static Water Level from top of casing at the time of installation (nearest 0.01'): ..... 7.29'  
 13. Yield (gallons per minute): ..... 1.0 GPM  
 14. Development Technique (specify): ..... PUMP AND SURGE  
 15. Length of Time well is developed/pumped or bailed (hours and minutes): ..... 6 HOUR AND 30 MIN



**New Jersey Department of Environmental Protection**  
 Site Remediation Program

**MONITORING WELL CERTIFICATION FORM A - AS-BUILT  
 CERTIFICATION**

Date Stamp  
 (For Department use only)

**SECTION A. SITE NAME AND LOCATION**

Site Name: Garfield Avenue Group Chrome Sites (PPG)  
 List all AKAs: PPG Site 114  
 Street Address: Garfield Avenue and Carteret Avenue  
 Municipality: Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG Industries  
 2. Well Location (Street Address) 880 Garfield Avenue  
 3. Well Location (Municipal Block and Lot) Block# 21501 Lot # 18.01

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing):.. E202012660  
 2. Site Well Number as shown on application or plans): ..... 114-MW57D  
 3. Well Completion Date: ..... 01/04/2021  
 4. Distance from Top of Casing (cap off) to ground surface (nearest 0.01'): ..... 2.0'  
 5. Total Depth of Well to the nearest 1/2 foot: ..... 112.5'  
 6. Depth to Top of Screen (or top of open hole) from top of casing (nearest 0.01'):..... NA  
 7. Screen Length (or length of open hole) in feet: ..... NA  
 8. Screen or Slot Size: ..... NA  
 9. Screen or Slot Material: ..... NA  
 10. Casing Material (PVC, steel, or other – specify): ..... STEEL  
 11. Casing Diameter (inches): ..... 6.0"  
 12. Static Water Level from top of casing at the time of installation (nearest 0.01'): ..... 10.00'  
 13. Yield (gallons per minute): ..... \_\_\_\_\_  
 14. Development Technique (specify): ..... \_\_\_\_\_  
 15. Length of Time well is developed/pumped or bailed (hours and minutes): ..... \_\_\_\_\_



**New Jersey Department of Environmental Protection**  
 Site Remediation Program

**MONITORING WELL CERTIFICATION FORM A - AS-BUILT CERTIFICATION**

Date Stamp  
 (For Department use only)

**SECTION A. SITE NAME AND LOCATION**

Site Name: Garfield Avenue Group Chrome Sites (PPG)  
 List all AKAs: PPG Site 114  
 Street Address: Garfield Avenue and Carteret Avenue  
 Municipality: Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG Industries  
 2. Well Location (Street Address) 70 Carteret Avenue, Jersey City, NJ  
 3. Well Location (Municipal Block and Lot) Block# 21501 Lot # 17

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing):.. E202002725  
 2. Site Well Number as shown on application or plans): ..... 114-MW58C  
 3. Well Completion Date: ..... 06/18/2020  
 4. Distance from Top of Casing (cap off) to ground surface (nearest 0.01'): ..... 1.34'  
 5. Total Depth of Well to the nearest 1/2 foot: ..... 78.0  
 6. Depth to Top of Screen (or top of open hole) from top of casing (nearest 0.01'):..... 73.84  
 7. Screen Length (or length of open hole) in feet: ..... 3.50'  
 8. Screen or Slot Size: ..... 0.010"  
 9. Screen or Slot Material: ..... PVC  
 10. Casing Material (PVC, steel, or other – specify): ..... PVC  
 11. Casing Diameter (inches): ..... 2.0"  
 12. Static Water Level from top of casing at the time of installation (nearest 0.01'): ..... 5.26'  
 13. Yield (gallons per minute): ..... 0.5 GPM  
 14. Development Technique (specify): ..... PUMP AND SURGE  
 15. Length of Time well is developed/pumped or bailed (hours and minutes): ..... 11 HOURS 25 MIN



New Jersey Department of Environmental Protection  
Site Remediation Program

**MONITORING WELL CERTIFICATION FORM A - AS-BUILT  
CERTIFICATION**

Date Stamp  
(For Department use only)

**SECTION A. SITE NAME AND LOCATION**

Site Name: Hudson County Chromate Site 114

List all AKAs: PPG Site 114

Street Address: 70 Carteret Avenue

Municipality: Jersey City (Township, Borough or City)

County: Hudson Zip Code: 07305

Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG

2. Well Location (Street Address) 70 Carteret Ave, Jersey City, NJ

3. Well Location (Municipal Block and Lot) Block# ROW Lot # ROW

**SECTION C. WELL LOCATION SPECIFICS**

- |  |                    |
|--|--------------------|
| 1. Well Permit Number (This number must be permanently affixed to the well casing):    | <u>E202312356</u>  |
| 2. Site Well Number as shown on application or plans:                                  | <u>114-MWS8C-R</u> |
| 3. Well Completion Date:   | <u>2/1/24</u>      |
| 4. Distance from Top of Casing (cap off) to ground surface (nearest 0.01'):            | <u>0.00'</u>       |
| 5. Total Depth of Well to the nearest 1/2 foot:  | <u>87.00'</u>      |
| 6. Depth to Top of Screen (or top of open hole) from top of casing (nearest 0.01'):    | <u>82.00'</u>      |
| 7. Screen Length (or length of open hole) in feet:                                     | <u>5.00'</u>       |
| 8. Screen or Slot Size:  | <u>0.010</u>       |
| 9. Screen or Slot Material:  | <u>PVC</u>         |
| 10. Casing Material (PVC, steel, or other - specify):                                  | <u>PVC</u>         |
| 11. Casing Diameter (inches):  | <u>2"</u>          |
| 12. Static Water Level from top of casing at the time of installation (nearest 0.01'): | <u>2.01</u>        |
| 13. Yield (gallons per minute):  | _____              |
| 14. Development Technique (specify):   | <u>Purge/Surge</u> |
| 15. Length of Time well is developed/pumped or bailed (hours and minutes):             | <u>60 mins</u>     |



**New Jersey Department of Environmental Protection**  
 Site Remediation Program

**MONITORING WELL CERTIFICATION FORM A - AS-BUILT  
 CERTIFICATION**

Date Stamp  
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**SECTION A. SITE NAME AND LOCATION**

Site Name: Garfield Avenue Group Chrome Sites (PPG)  
 List all AKAs: PPG Site 114  
 Street Address: Garfield Avenue and Carteret Avenue  
 Municipality: Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG Industries  
 2. Well Location (Street Address) 70 Carteret Avenue  
 3. Well Location (Municipal Block and Lot) Block# 21501 Lot # 17

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing):.. E202002727  
 2. Site Well Number as shown on application or plans): ..... 114-MW60C  
 3. Well Completion Date: ..... 06/29/2020  
 4. Distance from Top of Casing (cap off) to ground surface (nearest 0.01'): ..... 1.90'  
 5. Total Depth of Well to the nearest 1/2 foot: ..... 123.10'  
 6. Depth to Top of Screen (or top of open hole) from top of casing (nearest 0.01'):..... 121.5'  
 7. Screen Length (or length of open hole) in feet: ..... 2.0'  
 8. Screen or Slot Size: ..... 0.010"  
 9. Screen or Slot Material: ..... PVC  
 10. Casing Material (PVC, steel, or other – specify): ..... PVC  
 11. Casing Diameter (inches): ..... 2.0"  
 12. Static Water Level from top of casing at the time of installation (nearest 0.01'): ..... 5.53'  
 13. Yield (gallons per minute): ..... 1.7 GPM  
 14. Development Technique (specify): ..... PUMP AND SURGE  
 15. Length of Time well is developed/pumped or bailed (hours and minutes): ..... 4 HOURS 53 MIN



New Jersey Department of Environmental Protection  
Site Remediation Program

**MONITORING WELL CERTIFICATION FORM A - AS-BUILT  
CERTIFICATION**

Date Stamp  
(For Department use only)

**SECTION A. SITE NAME AND LOCATION**

Site Name: Hudson County Chromate Site 114

List all AKAs: PPG Site 114

Street Address: 70 Carteret Avenue

Municipality: Jersey City (Township, Borough or City)

County: Hudson Zip Code: 07305

Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG

2. Well Location (Street Address) 70 Carteret Ave, Jersey City, NJ

3. Well Location (Municipal Block and Lot) Block# ROW Lot # ROW

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing):.. E202312354

2. Site Well Number as shown on application or plans): ..... 114-MW60C-R

3. Well Completion Date: ..... 01-29-2024

4. Distance from Top of Casing (cap off) to ground surface (nearest 0.01'): ..... 0.00

5. Total Depth of Well to the nearest 1/2 foot: ..... 119.0'

6. Depth to Top of Screen (or top of open hole) from top of casing (nearest 0.01'):..... 115.0'

7. Screen Length (or length of open hole) in feet: ..... 40'

8. Screen or Slot Size: ..... 0.010

9. Screen or Slot Material: ..... PVC

10. Casing Material (PVC, steel, or other – specify): ..... PVC

11. Casing Diameter (inches): ..... 2"

12. Static Water Level from top of casing at the time of installation (nearest 0.01'): .....

13. Yield (gallons per minute): .....

14. Development Technique (specify): .....

15. Length of Time well is developed/pumped or bailed (hours and minutes): .....



**New Jersey Department of Environmental Protection**  
 Site Remediation Program

**MONITORING WELL CERTIFICATION FORM A - AS-BUILT  
 CERTIFICATION**

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**SECTION A. SITE NAME AND LOCATION**

Site Name: Hudson County Chromate Site 114  
 List all AKAs: PPG Site 114  
 Street Address: 70 Carteret Avenue  
 Municipality: Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): G000005480 Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG  
 2. Well Location (Street Address) 884 Garfield Avenue  
 3. Well Location (Municipal Block and Lot) Block# 21501 Lot # 18.01

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing):.. E202110645  
 2. Site Well Number as shown on application or plans): ..... 114-MW61D  
 3. Well Completion Date: ..... 11/29/21  
 4. Distance from Top of Casing (cap off) to ground surface (nearest 0.01'): ..... 2.82 feet  
 5. Total Depth of Well to the nearest 1/2 foot: ..... 137.82 feet  
 6. Depth to Top of Screen (or top of open hole) from top of casing (nearest 0.01'):..... 112.82 feet  
 7. Screen Length (or length of open hole) in feet: ..... 25 feet  
 8. Screen or Slot Size: ..... 0.010"  
 9. Screen or Slot Material: ..... PVC  
 10. Casing Material (PVC, steel, or other – specify): ..... PVC  
 11. Casing Diameter (inches): ..... 2 inches  
 12. Static Water Level from top of casing at the time of installation (nearest 0.01'): ..... 8.24 feet  
 13. Yield (gallons per minute): ..... less than 1.0 gpm  
 14. Development Technique (specify): ..... Airlift  
 15. Length of Time well is developed/pumped or bailed (hours and minutes): ..... 1 day



**New Jersey Department of Environmental Protection**  
 Site Remediation Program

**MONITORING WELL CERTIFICATION FORM A - AS-BUILT CERTIFICATION**

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**SECTION A. SITE NAME AND LOCATION**

Site Name: Garfield Avenue Group Chrome Sites (PPG)  
 List all AKAs: PPG Site 114  
 Street Address: Garfield Avenue and Carteret Avenue  
 Municipality: Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG Industries  
 2. Well Location (Street Address) 900 Garfield Ave  
 3. Well Location (Municipal Block and Lot) Block# 21501 Lot # 20

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing):.. E202002717  
 2. Site Well Number as shown on application or plans): ..... 114-MW62C  
 3. Well Completion Date: ..... 06/17/2023  
 4. Distance from Top of Casing (cap off) to ground surface (nearest 0.01'): ..... 2.02'  
 5. Total Depth of Well to the nearest 1/2 foot: ..... 74.85'  
 6. Depth to Top of Screen (or top of open hole) from top of casing (nearest 0.01'):..... 71.02'  
 7. Screen Length (or length of open hole) in feet: ..... 4.0'  
 8. Screen or Slot Size: ..... 0.010"  
 9. Screen or Slot Material: ..... PVC  
 10. Casing Material (PVC, steel, or other – specify): ..... PVC  
 11. Casing Diameter (inches): ..... 2.0"  
 12. Static Water Level from top of casing at the time of installation (nearest 0.01'): ..... 7.88'  
 13. Yield (gallons per minute): ..... 1.5 GPM  
 14. Development Technique (specify): ..... PUMP AND SURGE  
 15. Length of Time well is developed/pumped or bailed (hours and minutes): ..... 7 HOURS 25 MIN



**New Jersey Department of Environmental Protection**  
 Site Remediation Program

**MONITORING WELL CERTIFICATION FORM A - AS-BUILT  
 CERTIFICATION**

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**SECTION A. SITE NAME AND LOCATION**

Site Name: Garfield Avenue Group Chrome Sites (PPG)  
 List all AKAs: PPG Site 114  
 Street Address: Garfield Avenue and Carteret Avenue  
 Municipality: Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG Industries  
 2. Well Location (Street Address) 70 Carteret Avenue, Jersey City, NJ  
 3. Well Location (Municipal Block and Lot) Block# 21501 Lot # 17

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing):.. E202002937  
 2. Site Well Number as shown on application or plans): ..... 114-MW64C  
 3. Well Completion Date: ..... 06/24/2020  
 4. Distance from Top of Casing (cap off) to ground surface (nearest 0.01'): ..... 1.34'  
 5. Total Depth of Well to the nearest 1/2 foot: ..... 97.77'  
 6. Depth to Top of Screen (or top of open hole) from top of casing (nearest 0.01'):..... 94.34'  
 7. Screen Length (or length of open hole) in feet: ..... 3.0'  
 8. Screen or Slot Size: ..... 0.010"  
 9. Screen or Slot Material: ..... PVC  
 10. Casing Material (PVC, steel, or other – specify): ..... PVC  
 11. Casing Diameter (inches): ..... 2.0"  
 12. Static Water Level from top of casing at the time of installation (nearest 0.01'): ..... 5.99'  
 13. Yield (gallons per minute): ..... 0.5 GPM  
 14. Development Technique (specify): ..... PUMP AND SURGE  
 15. Length of Time well is developed/pumped or bailed (hours and minutes): ..... 11 HOURS 35 MIN



**New Jersey Department of Environmental Protection**  
 Site Remediation Program

**MONITORING WELL CERTIFICATION FORM A - AS-BUILT  
 CERTIFICATION**

Date Stamp  
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**SECTION A. SITE NAME AND LOCATION**

Site Name: Hudson County Chromate Site 114  
 List all AKAs: PPG Site 114  
 Street Address: 70 Carteret Avenue  
 Municipality: Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): G000005480 Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG  
 2. Well Location (Street Address) 884 Garfield Avenue  
 3. Well Location (Municipal Block and Lot) Block# 21501 Lot # 18.01

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing):.. E202110646  
 2. Site Well Number as shown on application or plans): ..... 114-MW66D  
 3. Well Completion Date: ..... 11/08/21  
 4. Distance from Top of Casing (cap off) to ground surface (nearest 0.01'): ..... 2.30 feet  
 5. Total Depth of Well to the nearest 1/2 foot: ..... 142.30 feet  
 6. Depth to Top of Screen (or top of open hole) from top of casing (nearest 0.01'):..... 92.30 feet  
 7. Screen Length (or length of open hole) in feet: ..... 50 feet  
 8. Screen or Slot Size: ..... Open Hole (Multiport FLUTe liner)  
 9. Screen or Slot Material: ..... Open Hole (Multiport FLUTe liner)  
 10. Casing Material (PVC, steel, or other – specify): ..... Steel  
 11. Casing Diameter (inches): ..... 6 inches  
 12. Static Water Level from top of casing at the time of installation (nearest 0.01'): ..... 6.82 feet  
 13. Yield (gallons per minute): ..... less than 1.0 gpm  
 14. Development Technique (specify): ..... Airlift & Pumping  
 15. Length of Time well is developed/pumped or bailed (hours and minutes): ..... 4 Hours



**New Jersey Department of Environmental Protection**  
 Site Remediation Program

**MONITORING WELL CERTIFICATION FORM A - AS-BUILT CERTIFICATION**

Date Stamp  
 (For Department use only)

**SECTION A. SITE NAME AND LOCATION**

Site Name: Hudson County Chromate Site 114  
 List all AKAs: PPG Site 114  
 Street Address: 70 Carteret Avenue  
 Municipality: Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): G000005480 Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG  
 2. Well Location (Street Address) 884 Garfield Avenue  
 3. Well Location (Municipal Block and Lot) Block# 21501 Lot # 18.01

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing):.. E202109567  
 2. Site Well Number as shown on application or plans): ..... 114-MW71D  
 3. Well Completion Date: ..... 10/19/21  
 4. Distance from Top of Casing (cap off) to ground surface (nearest 0.01'): ..... 1.76 feet  
 5. Total Depth of Well to the nearest 1/2 foot: ..... 141.16 feet  
 6. Depth to Top of Screen (or top of open hole) from top of casing (nearest 0.01'):..... 116.76 feet  
 7. Screen Length (or length of open hole) in feet: ..... 27 feet  
 8. Screen or Slot Size: ..... Open Hole  
 9. Screen or Slot Material: ..... Open Hole  
 10. Casing Material (PVC, steel, or other – specify): ..... Steel  
 11. Casing Diameter (inches): ..... 6 inches  
 12. Static Water Level from top of casing at the time of installation (nearest 0.01'): ..... 6.45 feet  
 13. Yield (gallons per minute): ..... less than 1.0 gpm  
 14. Development Technique (specify): ..... Airlift & Pumping  
 15. Length of Time well is developed/pumped or bailed (hours and minutes): ..... 9.5 Hours



**New Jersey Department of Environmental Protection**  
 Site Remediation Program

**MONITORING WELL CERTIFICATION FORM A - AS-BUILT  
 CERTIFICATION**

Date Stamp  
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**SECTION A. SITE NAME AND LOCATION**

Site Name: Hudson County Chromate Site 114  
 List all AKAs: PPG Site 114  
 Street Address: 70 Carteret Avenue  
 Municipality: Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): G000005480 Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG  
 2. Well Location (Street Address) 824 Garfield Avenue  
 3. Well Location (Municipal Block and Lot) Block# 21510 Lot # 2

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing):.. E202109568  
 2. Site Well Number as shown on application or plans): ..... 114-MW72D  
 3. Well Completion Date: ..... 11/01/21  
 4. Distance from Top of Casing (cap off) to ground surface (nearest 0.01'): ..... 2.11 feet  
 5. Total Depth of Well to the nearest 1/2 foot: ..... 127.11 feet  
 6. Depth to Top of Screen (or top of open hole) from top of casing (nearest 0.01'):..... 102.11 feet  
 7. Screen Length (or length of open hole) in feet: ..... 25 feet  
 8. Screen or Slot Size: ..... Open Hole (multiport FLUTe liner)  
 9. Screen or Slot Material: ..... Open Hole (multiport FLUTe liner)  
 10. Casing Material (PVC, steel, or other – specify): ..... Steel  
 11. Casing Diameter (inches): ..... 6 inches  
 12. Static Water Level from top of casing at the time of installation (nearest 0.01'): ..... 6.64 feet  
 13. Yield (gallons per minute): ..... less than 1.0 gpm  
 14. Development Technique (specify): ..... Airlift & Pumping  
 15. Length of Time well is developed/pumped or bailed (hours and minutes): ..... 5 Hours



**New Jersey Department of Environmental Protection**  
 Site Remediation Program

**MONITORING WELL CERTIFICATION FORM A - AS-BUILT  
 CERTIFICATION**

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**SECTION A. SITE NAME AND LOCATION**

Site Name: PPG Hudson County Chromate Site 114

List all AKAs: PPG Site 114

Street Address: 70 Carteret Avenue

Municipality: Jersey City (Township, Borough or City)

County: Hudson Zip Code: 07305

Program Interest (PI) Number(s): G-000005480

Case Tracking Number(s):

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG Industries Inc.

2. Well Location (Street Address) 880 Garfield Avenue, Jersey City, New Jersey

3. Well Location (Municipal Block and Lot) Block# 21501 Lot # 18.01

**SECTION C. WELL LOCATION SPECIFICS**

- 1. Well Permit Number (This number must be permanently affixed to the well casing):.. E202312362
- 2. Site Well Number as shown on application or plans): ..... 114-MW73D
- 3. Well Completion Date: ..... 12/29/2023
- 4. Distance from Top of Casing (cap off) to ground surface (nearest 0.01'): ..... 0.00
- 5. Total Depth of Well to the nearest 1/2 foot: ..... 118'
- 6. Depth to Top of Screen (or top of open hole) from top of casing (nearest 0.01'):..... 88'
- 7. Screen Length (or length of open hole) in feet: ..... 30
- 8. Screen or Slot Size: ..... Open Borehole
- 9. Screen or Slot Material: ..... N/A
- 10. Casing Material (PVC, steel, or other – specify): ..... Steel
- 11. Casing Diameter (inches): ..... 10": 0' - 85' bgs, 6": 0' - 88'
- 12. Static Water Level from top of casing at the time of installation (nearest 0.01'): ..... 5.90'
- 13. Yield (gallons per minute): ..... 1.66
- 14. Development Technique (specify): ..... Surge
- 15. Length of Time well is developed/pumped or bailed (hours and minutes): ..... 2.5 hours



**New Jersey Department of Environmental Protection**  
 Site Remediation Program

**MONITORING WELL CERTIFICATION FORM A - AS-BUILT  
 CERTIFICATION**

Date Stamp  
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**SECTION A. SITE NAME AND LOCATION**

Site Name: Hudson County Chromate Site 114

List all AKAs: PPG Site 114

Street Address: 70 Carteret Avenue

Municipality: Jersey City (Township, Borough or City)

County: Hudson Zip Code: 07305

Program Interest (PI) Number(s): G-000005480

Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG Industries Inc.

2. Well Location (Street Address) 880 Garfield Avenue, Jersey City, New Jersey

3. Well Location (Municipal Block and Lot) Block# 21501 Lot # 18.01

**SECTION C. WELL LOCATION SPECIFICS**

- 1. Well Permit Number (This number must be permanently affixed to the well casing):.. E202312357
- 2. Site Well Number as shown on application or plans): ..... 114-MW74D
- 3. Well Completion Date: ..... 01/10/2024
- 4. Distance from Top of Casing (cap off) to ground surface (nearest 0.01'): ..... 0.00
- 5. Total Depth of Well to the nearest 1/2 foot: ..... 132
- 6. Depth to Top of Screen (or top of open hole) from top of casing (nearest 0.01'):..... 97
- 7. Screen Length (or length of open hole) in feet: ..... 35
- 8. Screen or Slot Size: ..... Open Borehole
- 9. Screen or Slot Material: ..... N/A
- 10. Casing Material (PVC, steel, or other – specify): ..... Steel
- 11. Casing Diameter (inches): ..... 10": 0 - 85' 6": 0' - 97'
- 12. Static Water Level from top of casing at the time of installation (nearest 0.01'): ..... 6.40
- 13. Yield (gallons per minute): ..... 1.94 gpm
- 14. Development Technique (specify): ..... Surge
- 15. Length of Time well is developed/pumped or bailed (hours and minutes): ..... 3 hours



New Jersey Department of Environmental Protection  
Site Remediation Program

**MONITORING WELL CERTIFICATION FORM A - AS-BUILT  
CERTIFICATION**

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**SECTION A. SITE NAME AND LOCATION**

Site Name: Hudson County Chromate Site 114

List all AKAs: PPG Site 114

Street Address: 70 Carteret Avenue

Municipality: Jersey City (Township, Borough or City)

County: Hudson Zip Code: 07305

Program Interest (PI) Number(s): Case Tracking Number(s):

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG

2. Well Location (Street Address) HALLADAY STREET

3. Well Location (Municipal Block and Lot) Block# ROW Lot # ROW

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing):... E202312353

2. Site Well Number as shown on application or plans): ..... 114-MW75WR

3. Well Completion Date: ..... 12/22/2023

4. Distance from Top of Casing (cap off) to ground surface (nearest 0.01'): ..... 0-FLUSH MOUNT

5. Total Depth of Well to the nearest 1/2 foot: ..... 121' BGS

6. Depth to Top of Screen (or top of open hole) from top of casing (nearest 0.01'):..... 116' BGS

7. Screen Length (or length of open hole) in feet: ..... 5'

8. Screen or Slot Size: ..... 10

9. Screen or Slot Material: ..... SCHEDULE 40 PVC

10. Casing Material (PVC, steel, or other - specify): ..... STEEL

11. Casing Diameter (inches): ..... 6" AND 10"

12. Static Water Level from top of casing at the time of installation (nearest 0.01'): ..... 3.58'

13. Yield (gallons per minute): ..... 0.369 gal/min

14. Development Technique (specify): ..... PUMP + Surge techniques

15. Length of Time well is developed/pumped or bailed (hours and minutes): ..... 3hrs 45min



New Jersey Department of Environmental Protection  
Site Remediation Program

**MONITORING WELL CERTIFICATION FORM A - AS-BUILT  
CERTIFICATION**

Date Stamp  
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**SECTION A. SITE NAME AND LOCATION**

Site Name: HUDSON COUNTY SITE 114  
 List all AKAs: JERSEY CITY REDEVELOPMENT AGENCY  
 Street Address: 824 GARFIELD AVE  
 Municipality: JERSEY CITY (Township, Borough or City)  
 County: HUDSON Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner JERSEY CITY REDEVELOPMENT AGENCY  
 2. Well Location (Street Address) 824 GARFIELD AVE  
 3. Well Location (Municipal Block and Lot) Block# 21510 Lot # 2

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing):.. E202405808  
 2. Site Well Number as shown on application or plans): ..... 114-MW-76D  
 Well Completion Date: ..... 6/18/24  
 4. Distance from Top of Casing (cap off) to ground surface (nearest 0.01'): ..... 3.0'  
 5. Total Depth of Well to the nearest 1/2 foot: ..... 124' GROUND SURFACE  
 6. Depth to Top of Screen (or top of open hole) from top of casing (nearest 0.01'):..... 102'  
 7. Screen Length (or length of open hole) in feet: ..... 25' OPEN HOLE  
 8. Screen or Slot Size: ..... OPEN HOLE  
 9. Screen or Slot Material: ..... OPEN HOLE  
 10. Casing Material (PVC, steel, or other – specify): ..... 6" STEEL  
 11. Casing Diameter (inches): ..... 6"  
 12. Static Water Level from top of casing at the time of installation (nearest 0.01'): ..... 7.98  
 13. Yield (gallons per minute): ..... 1 GPM  
 14. Development Technique (specify): ..... PUMP + SURCS  
 Length of Time well is developed/pumped or bailed (hours and minutes): ..... 4.5 HRS



New Jersey Department of Environmental Protection  
Site Remediation Program

**MONITORING WELL CERTIFICATION FORM A - AS-BUILT  
CERTIFICATION**

Date Stamp  
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**SECTION A. SITE NAME AND LOCATION**

Site Name: Hudson County Site 114  
 List all AKAs: \_\_\_\_\_  
 Street Address: 880 Garfield Ave  
 Municipality: Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner Jersey City Redevelopment Agency  
 2. Well Location (Street Address) 880 Garfield Ave  
 3. Well Location (Municipal Block and Lot) Block# 21501 Lot # 2010

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing):... E202404422  
 2. Site Well Number as shown on application or plans): ..... 114-MW76WR  
 Well Completion Date: ..... 5/3/24  
 4. Distance from Top of Casing (cap off) to ground surface (nearest 0.01'): ..... 0.50  
 5. Total Depth of Well to the nearest 1/2 foot: ..... 65'  
 6. Depth to Top of Screen (or top of open hole) from top of casing (nearest 0.01'):..... 55'  
 7. Screen Length (or length of open hole) in feet: ..... 10'  
 8. Screen or Slot Size: ..... 0.010"  
 9. Screen or Slot Material: ..... Stainless Steel  
 10. Casing Material (PVC, steel, or other – specify): ..... PVC  
 11. Casing Diameter (inches): ..... 4"  
 12. Static Water Level from top of casing at the time of installation (nearest 0.01'): ..... 6.03'  
 13. Yield (gallons per minute): ..... 0.89  
 14. Development Technique (specify): ..... Pump + Surge  
 15. Length of Time well is developed/pumped or bailed (hours and minutes): ..... 1 hour 25 minutes



New Jersey Department of Environmental Protection  
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**MONITORING WELL CERTIFICATION FORM A - AS-BUILT  
CERTIFICATION**

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**SECTION A. SITE NAME AND LOCATION**

Site Name: Hudson County Site 114  
 List all AKAs: \_\_\_\_\_  
 Street Address: 880 Garfield Ave  
 Municipality: Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner Jersey City Redevelopment Agency  
 2. Well Location (Street Address) 880 Garfield Ave  
 3. Well Location (Municipal Block and Lot) Block# 21501 Lot # 18101

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing):... E202404423  
 2. Site Well Number as shown on application or plans): ..... 114-MW77WR  
 Well Completion Date: ..... 5/7/24  
 4. Distance from Top of Casing (cap off) to ground surface (nearest 0.01'): ..... 0.00  
 5. Total Depth of Well to the nearest 1/2 foot: ..... 65'  
 6. Depth to Top of Screen (or top of open hole) from top of casing (nearest 0.01'):..... 55'  
 7. Screen Length (or length of open hole) in feet: ..... 10'  
 8. Screen or Slot Size: ..... 0.10"  
 9. Screen or Slot Material: ..... Stainless Steel  
 10. Casing Material (PVC, steel, or other - specify): ..... PVC  
 11. Casing Diameter (inches): ..... 4"  
 12. Static Water Level from top of casing at the time of installation (nearest 0.01'): ..... 6.21  
 13. Yield (gallons per minute): ..... 2.38  
 14. Development Technique (specify): ..... Pump & Surge  
 Length of Time well is developed/pumped or bailed (hours and minutes): ..... 1 hour 45 minutes



New Jersey Department of Environmental Protection  
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**MONITORING WELL CERTIFICATION FORM A - AS-BUILT  
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**SECTION A. SITE NAME AND LOCATION**

Site Name: Hudson County Site 114  
 List all AKAs: \_\_\_\_\_  
 Street Address: Carteret Ave Roadway  
 Municipality: Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07302  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner City of Jersey City  
 2. Well Location (Street Address) Carteret Ave Roadway  
 3. Well Location (Municipal Block and Lot) Block# Roadway Lot# Roadway

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing):.. E20240424  
 2. Site Well Number as shown on application or plans): ..... 114-MW73WE  
 Well Completion Date: ..... 5/8/24  
 4. Distance from Top of Casing (cap off) to ground surface (nearest 0.01'): ..... 0.100  
 5. Total Depth of Well to the nearest 1/2 foot: ..... 85'  
 6. Depth to Top of Screen (or top of open hole) from top of casing (nearest 0.01'):..... 75'  
 7. Screen Length (or length of open hole) in feet: ..... 10'  
 8. Screen or Slot Size: ..... 0.1010  
 9. Screen or Slot Material: ..... stainless steel  
 10. Casing Material (PVC, steel, or other - specify): ..... PVC  
 11. Casing Diameter (inches): ..... 4"  
 12. Static Water Level from top of casing at the time of installation (nearest 0.01'): ..... 5.40  
 13. Yield (gallons per minute): ..... 1.57  
 14. Development Technique (specify): ..... Dump + Surge  
 Length of Time well is developed/pumped or bailed (hours and minutes): ..... 1 hour 55 minutes



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**MONITORING WELL CERTIFICATION FORM A - AS-BUILT  
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**SECTION A. SITE NAME AND LOCATION**

Site Name: HUDSON COUNTY SITE 114  
 List all AKAs: Jersey City Redevelopment Agency  
 Street Address: 4 JACKSON SQUARE (39 KEARNEY AVE)  
 Municipality: Jersey City (Township, Borough or City)  
 County: HUDSON Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner Jersey City Redevelopment Agency  
 2. Well Location (Street Address) 880 GARFIELD AVE  
 3. Well Location (Municipal Block and Lot) Block# 21501 Lot # 18.01

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing):.. E 2004 04491  
 2. Site Well Number as shown on application or plans: ..... 114-MW-79WR  
 Well Completion Date: ..... 5/29/24  
 4. Distance from Top of Casing (cap off) to ground surface (nearest 0.01'): ..... - 0.5'  
 5. Total Depth of Well to the nearest 1/2 foot: ..... 81.0 GROUND SURFACE  
 6. Depth to Top of Screen (or top of open hole) from top of casing (nearest 0.01'):..... 70.5  
 7. Screen Length (or length of open hole) in feet: ..... 10'  
 8. Screen or Slot Size: ..... 0.010"  
 9. Screen or Slot Material: ..... STAINLESS STEEL  
 10. Casing Material (PVC, steel, or other – specify): ..... PVC  
 11. Casing Diameter (inches): ..... 4"  
 12. Static Water Level from top of casing at the time of installation (nearest 0.01'): ..... 6.15  
 13. Yield (gallons per minute): ..... 2.5  
 14. Development Technique (specify): ..... PMV + SURGS  
 Length of Time well is developed/pumped or bailed (hours and minutes): ..... 2 HR



**MONITORING WELL CERTIFICATION FORM A - AS-BUILT  
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**SECTION A. SITE NAME AND LOCATION**

Site Name: HUDSON COUNTY SITE 114  
 List all AKAs: JERSEY CITY REDEVELOPMENT AGENCY  
 Street Address: 4 JACKSON SQUARE (39 KEARNEY AVE)  
 Municipality: JERSEY CITY (Township, Borough or City)  
 County: HUDSON Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner JERSEY CITY REDEVELOPMENT AGENCY  
 2. Well Location (Street Address) 880 GARFIELD AVE  
 3. Well Location (Municipal Block and Lot) Block# 21501 Lot # 1801

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing):.. E202404496  
 2. Site Well Number as shown on application or plans: ..... 114-MW-80WR  
 Well Completion Date: ..... 6/10/24  
 4. Distance from Top of Casing (cap off) to ground surface (nearest 0.01'): ..... 0.5'  
 5. Total Depth of Well to the nearest 1/2 foot: ..... 94.0' GROUND SURFACE  
 6. Depth to Top of Screen (or top of open hole) from top of casing (nearest 0.01'):..... 83.5  
 7. Screen Length (or length of open hole) in feet: ..... 10'  
 8. Screen or Slot Size: ..... 0.010  
 9. Screen or Slot Material: ..... STAINLESS STEEL  
 10. Casing Material (PVC, steel, or other – specify): ..... PVC  
 11. Casing Diameter (inches): ..... 4"  
 12. Static Water Level from top of casing at the time of installation (nearest 0.01'): ..... 4.39  
 13. Yield (gallons per minute): ..... 3.5 GPM  
 14. Development Technique (specify): ..... PUMP + SURGE  
 Length of Time well is developed/pumped or bailed (hours and minutes): ..... 2 HRS



New Jersey Department of Environmental Protection  
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**MONITORING WELL CERTIFICATION FORM A - AS-BUILT  
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**SECTION A. SITE NAME AND LOCATION**

Site Name: HUDSON COUNTY SITE 132  
 List all AKAs: JERSEY CITY REDEVELOPMENT AGENCY  
 Street Address: 4 JACKSON ST L 39 KEARNEY AVE  
 Municipality: JERSEY CITY (Township, Borough or City)  
 County: HUDSON Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner JERSEY CITY REDEVELOPMENT AGENCY  
 2. Well Location (Street Address) 824 GARFIELD AVE  
 3. Well Location (Municipal Block and Lot) Block# 21510 Lot# 2

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing):.. E 2024 11518  
 2. Site Well Number as shown on application or plans): ..... 114-MW81D  
 Well Completion Date: ..... 11/21/2024  
 4. Distance from Top of Casing (cap off) to ground surface (nearest 0.01'): ..... 3.00  
 5. Total Depth of Well to the nearest 1/2 foot: ..... 125.00  
 6. Depth to Top of Screen (or top of open hole) from top of casing (nearest 0.01'):..... 128.00  
 7. Screen Length (or length of open hole) in feet: ..... 25'  
 8. Screen or Slot Size: ..... N/A  
 9. Screen or Slot Material: ..... N/A  
 10. Casing Material (PVC, steel, or other – specify): ..... STEEL  
 11. Casing Diameter (inches): ..... 6"  
 12. Static Water Level from top of casing at the time of installation (nearest 0.01'): ..... 9.65  
 13. Yield (gallons per minute): ..... 1.5 GPM  
 14. Development Techinque (specify): ..... PUMP + SURGE  
 Length of Time well is developed/pumped or bailed (hours and minutes): ..... 4 HOURS



**New Jersey Department of Environmental Protection**  
 Site Remediation Program

**MONITORING WELL CERTIFICATION FORM A - AS-BUILT  
 CERTIFICATION**

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**SECTION A. SITE NAME AND LOCATION**

Site Name: Hudson County Chromate Site 114  
 List all AKAs: PPG Site 114  
 Street Address: 880 Garfield Ave  
 Municipality: Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner Jersey City Redevelopment Agency  
 2. Well Location (Street Address) 880 Garfield Avenue  
 3. Well Location (Municipal Block and Lot) Block# 21501 Lot # 18.01

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing):.. E202404320  
 2. Site Well Number as shown on application or plans): ..... 114-PW-01WR  
 3. Well Completion Date: ..... 5/14/2024  
 4. Distance from Top of Casing (cap off) to ground surface (nearest 0.01'): ..... 3.5 feet  
 5. Total Depth of Well to the nearest 1/2 foot: ..... 95 feet  
 6. Depth to Top of Screen (or top of open hole) from top of casing (nearest 0.01'):..... 85 feet  
 7. Screen Length (or length of open hole) in feet: ..... 10 feet  
 8. Screen or Slot Size: ..... 0.010"  
 9. Screen or Slot Material: ..... Stainless Steel  
 10. Casing Material (PVC, steel, or other – specify): ..... PVC  
 11. Casing Diameter (inches): ..... 4.0 inches  
 12. Static Water Level from top of casing at the time of installation (nearest 0.01'): ..... 10.83 feet  
 13. Yield (gallons per minute): ..... 1.28 gpm  
 14. Development Technique (specify): ..... pump and surge  
 15. Length of Time well is developed/pumped or bailed (hours and minutes): ..... 1 hour 30 minutes



New Jersey Department of Environmental Protection  
Site Remediation Program

**MONITORING WELL CERTIFICATION FORM A - AS-BUILT  
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**SECTION A. SITE NAME AND LOCATION**

Site Name: Hudson County Site 114  
 List all AKAs: \_\_\_\_\_  
 Street Address: 880 Garfield Ave  
 Municipality: Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner Jersey City Redevelopment Agency  
 2. Well Location (Street Address) 880 Garfield Ave  
 3. Well Location (Municipal Block and Lot) Block# 2150 Lot# 180

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing):.. E202404322  
 2. Site Well Number as shown on application or plans: ..... 114-PW-02WR  
 Well Completion Date: ..... 5/17/24  
 4. Distance from Top of Casing (cap off) to ground surface (nearest 0.01'): ..... 3.5'  
 5. Total Depth of Well to the nearest 1/2 foot: ..... 9.3'  
 6. Depth to Top of Screen (or top of open hole) from top of casing (nearest 0.01'):..... 8.3'  
 7. Screen Length (or length of open hole) in feet: ..... 10  
 8. Screen or Slot Size: ..... 0.010"  
 9. Screen or Slot Material: ..... stainless steel  
 10. Casing Material (PVC, steel, or other - specify): ..... PVC  
 11. Casing Diameter (inches): ..... 4"  
 12. Static Water Level from top of casing at the time of installation (nearest 0.01'): ..... 10.56'  
 13. Yield (gallons per minute): ..... 1.85 gpm  
 14. Development Technique (specify): ..... Pump and Surge  
 Length of Time well is developed/pumped or bailed (hours and minutes): ..... 1 hour 5 minutes



**New Jersey Department of Environmental Protection**  
 Site Remediation Program

**MONITORING WELL CERTIFICATION FORM A - AS-BUILT  
 CERTIFICATION**

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**SECTION A. SITE NAME AND LOCATION**

Site Name: Hudson County Chromate Site 114  
 List all AKAs: PPG Site 114  
 Street Address: 880 Garfield Ave  
 Municipality: Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner Jersey City Redevelopment Agency  
 2. Well Location (Street Address) 880 Garfield Avenue  
 3. Well Location (Municipal Block and Lot) Block# 21501 Lot # 18.01

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing):.. E202404324  
 2. Site Well Number as shown on application or plans): ..... 114-PW-03WR  
 3. Well Completion Date: ..... 5/28/2024  
 4. Distance from Top of Casing (cap off) to ground surface (nearest 0.01'): ..... 3.5 feet  
 5. Total Depth of Well to the nearest 1/2 foot: ..... 91 feet  
 6. Depth to Top of Screen (or top of open hole) from top of casing (nearest 0.01'):..... 84.5 feet  
 7. Screen Length (or length of open hole) in feet: ..... 10 feet  
 8. Screen or Slot Size: ..... 0.010"  
 9. Screen or Slot Material: ..... Stainless Steel  
 10. Casing Material (PVC, steel, or other – specify): ..... PVC  
 11. Casing Diameter (inches): ..... 4.0 inches  
 12. Static Water Level from top of casing at the time of installation (nearest 0.01'): ..... 11.56 feet  
 13. Yield (gallons per minute): ..... 2.67 gpm  
 14. Development Technique (specify): ..... Pump and surge  
 15. Length of Time well is developed/pumped or bailed (hours and minutes): ..... 1 hour 15 minutes



**New Jersey Department of Environmental Protection**  
 Site Remediation Program

**MONITORING WELL CERTIFICATION FORM A - AS-BUILT  
 CERTIFICATION**

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**SECTION A. SITE NAME AND LOCATION**

Site Name: Hudson County Site 114

List all AKAs: \_\_\_\_\_

Street Address: 880 Garfield Ave

Municipality: Jersey City (Township, Borough or City)

County: Hudson Zip Code: 07305

Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner Jersey City Redevelopment Agency

2. Well Location (Street Address) 880 Garfield Ave

3. Well Location (Municipal Block and Lot) Block# 21501 Lot # 1801

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing):.. E202404492

2. Site Well Number as shown on application or plans): ..... 114-PW-04WR

3. Well Completion Date: ..... 05/31/2024

4. Distance from Top of Casing (cap off) to ground surface (nearest 0.01'): ..... 3.5'

5. Total Depth of Well to the nearest 1/2 foot: ..... 54'

6. Depth to Top of Screen (or top of open hole) from top of casing (nearest 0.01'):..... 44'

7. Screen Length (or length of open hole) in feet: ..... 10'

8. Screen or Slot Size: ..... 0.010

9. Screen or Slot Material: ..... Stainless Steel

10. Casing Material (PVC, steel, or other – specify): ..... PVC

11. Casing Diameter (inches): ..... 4"

12. Static Water Level from top of casing at the time of installation (nearest 0.01'): ..... 9.94'

13. Yield (gallons per minute): ..... 1.63

14. Development Technique (specify): ..... Pump and Surge

15. Length of Time well is developed/pumped or bailed (hours and minutes): ..... 2 hours 15 minutes



**New Jersey Department of Environmental Protection  
Site Remediation Program**

**MONITORING WELL CERTIFICATION FORM A - AS-BUILT  
CERTIFICATION**

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**SECTION A. SITE NAME AND LOCATION**

Site Name: Hudson County site 114  
 List all AKAs: \_\_\_\_\_  
 Street Address: 880 Garfield Ave  
 Municipality: Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner Jersey City Redevelopment Agency  
 2. Well Location (Street Address) 880 Garfield Ave  
 3. Well Location (Municipal Block and Lot) Block# 21501 Lot # 18.01

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing):... E202404427  
 2. Site Well Number as shown on application or plans): ..... 114-PW-05WR  
 Well Completion Date: ..... 5/15/24  
 4. Distance from Top of Casing (cap off) to ground surface (nearest 0.01'): ..... 3.5'  
 5. Total Depth of Well to the nearest 1/2 foot: ..... 9'  
 6. Depth to Top of Screen (or top of open hole) from top of casing (nearest 0.01'):..... 81'  
 7. Screen Length (or length of open hole) in feet: ..... 10  
 8. Screen or Slot Size: ..... 0.120"  
 9. Screen or Slot Material: ..... Stainless steel  
 10. Casing Material (PVC, steel, or other - specify): ..... PVC  
 11. Casing Diameter (inches): ..... 4"  
 12. Static Water Level from top of casing at the time of installation (nearest 0.01'): ..... 10.70'  
 13. Yield (gallons per minute): ..... 1.75 gal/min  
 14. Development Technique (specify): ..... Pump + Surge  
 Length of Time well is developed/pumped or bailed (hours and minutes): ..... 1 hour



New Jersey Department of Environmental Protection  
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**MONITORING WELL CERTIFICATION FORM A - AS-BUILT  
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**SECTION A. SITE NAME AND LOCATION**

Site Name: Hudson Court Site 114  
 List all AKAs: \_\_\_\_\_  
 Street Address: 880 Garfield Ave  
 Municipality: JERSEY CITY (Township, Borough or City)  
 County: HUDSON Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner Jersey City Redevelopment Agency  
 2. Well Location (Street Address) 880 Garfield Ave  
 3. Well Location (Municipal Block and Lot) Block# 2150 Lot # 1810

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing):.. E202404425  
 2. Site Well Number as shown on application or plans): ..... 114-PW-06 WIP  
 Well Completion Date: ..... 5/16/24  
 4. Distance from Top of Casing (cap off) to ground surface (nearest 0.01'): ..... 3.5'  
 5. Total Depth of Well to the nearest 1/2 foot: ..... 89'  
 6. Depth to Top of Screen (or top of open hole) from top of casing (nearest 0.01'):..... 79'  
 7. Screen Length (or length of open hole) in feet: ..... 10'  
 8. Screen or Slot Size: ..... 0.010  
 9. Screen or Slot Material: ..... stainless steel  
 10. Casing Material (PVC, steel, or other - specify): ..... PVC  
 11. Casing Diameter (inches): ..... 4"  
 12. Static Water Level from top of casing at the time of installation (nearest 0.01'): ..... 9.82  
 13. Yield (gallons per minute): ..... 1.71  
 14. Development Technique (specify): ..... Pump & Dump  
 Length of Time well is developed/pumped or bailed (hours and minutes): ..... 1 hour 10 minutes



**MONITORING WELL CERTIFICATION FORM A - AS-BUILT  
CERTIFICATION**

Date Stamp  
(For Department use only)

**SECTION A. SITE NAME AND LOCATION**

Site Name: Hudson County Site 114

List all AKAs: \_\_\_\_\_

Street Address: 880 Garfield Ave

Municipality: Jersey City (Township, Borough or City)

County: Hudson Zip Code: 07305

Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner Jersey City Redevelopment Agency

2. Well Location (Street Address) 880 Garfield Ave

3. Well Location (Municipal Block and Lot) Block# 21501 Lot # 1801

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing):.. E202404426

2. Site Well Number as shown on application or plans): ..... 114-PW-07WR

3. Well Completion Date: ..... 05/23/2024

4. Distance from Top of Casing (cap off) to ground surface (nearest 0.01'): ..... 3.5'

5. Total Depth of Well to the nearest 1/2 foot: ..... 77'

6. Depth to Top of Screen (or top of open hole) from top of casing (nearest 0.01'):..... 6'

7. Screen Length (or length of open hole) in feet: ..... 11'

8. Screen or Slot Size: ..... 0.010

9. Screen or Slot Material: ..... Stainless Steel

10. Casing Material (PVC, steel, or other – specify): ..... PVC

11. Casing Diameter (inches): ..... 4"

12. Static Water Level from top of casing at the time of installation (nearest 0.01'): ..... 10.81'

13. Yield (gallons per minute): ..... 1.77

14. Development Technique (specify): ..... Pump and Surge

15. Length of Time well is developed/pumped or bailed (hours and minutes): ..... 2 hours 55 minutes



**MONITORING WELL CERTIFICATION FORM A - AS-BUILT  
CERTIFICATION**

Date Stamp  
(For Department use only)

**SECTION A. SITE NAME AND LOCATION**

Site Name: HUDSON COUNTY SITE 114  
 List all AKAs: JERSEY CITY REDEVELOPMENT AGENCY  
 Street Address: 4 JACKSON SQUARE (39 KEARNY AVE)  
 Municipality: JERSEY CITY (Township, Borough or City)  
 County: HUDSON Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner JERSEY CITY REDEVELOPMENT AGENCY  
 2. Well Location (Street Address) 880 GARFIELD AVE  
 3. Well Location (Municipal Block and Lot) Block# 21501 Lot # 18.01

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing):.. E 2024 04494  
 2. Site Well Number as shown on application or plans): ..... 114-PW-09WR  
 Well Completion Date: ..... 5/31/24  
 4. Distance from Top of Casing (cap off) to ground surface (nearest 0.01'): ..... 3.5'  
 5. Total Depth of Well to the nearest 1/2 foot: ..... 81'  
 6. Depth to Top of Screen (or top of open hole) from top of casing (nearest 0.01'):..... 74.5  
 7. Screen Length (or length of open hole) in feet: ..... 10'  
 8. Screen or Slot Size: ..... 0.010"  
 9. Screen or Slot Material: ..... STAINLESS STEEL  
 10. Casing Material (PVC, steel, or other – specify): ..... PVC  
 11. Casing Diameter (inches): ..... 4"  
 12. Static Water Level from top of casing at the time of installation (nearest 0.01'): ..... 8.08  
 13. Yield (gallons per minute): ..... 2.5 gpm  
 14. Development Technique (specify): ..... PUMP + SURGE  
 Length of Time well is developed/pumped or bailed (hours and minutes): ..... 90 min



**MONITORING WELL CERTIFICATION FORM A - AS-BUILT  
CERTIFICATION**

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**SECTION A. SITE NAME AND LOCATION**

Site Name: HUDSON COUNTY SITE 114  
List all AKAs: JERSEY CITY REDEVELOPMENT AGENCY  
Street Address: 4 JACKSON SQUARE (39 KEARNEY AVE)  
Municipality: JERSEY CITY (Township, Borough or City)  
County: HUDSON Zip Code: 07305  
Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner JERSEY CITY REDEVELOPMENT AGENCY  
2. Well Location (Street Address) 880 GARFIELD AVE  
3. Well Location (Municipal Block and Lot) Block# 21501 Lot # 18.01

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing):.. E202404495  
2. Site Well Number as shown on application or plans): ..... 114-PW-10WR  
Well Completion Date: ..... 6/5/24  
4. Distance from Top of Casing (cap off) to ground surface (nearest 0.01'): ..... 3.5  
5. Total Depth of Well to the nearest 1/2 foot: ..... 86.0 GROUND SURFACE  
6. Depth to Top of Screen (or top of open hole) from top of casing (nearest 0.01'):..... 79.5  
7. Screen Length (or length of open hole) in feet: ..... 10.0'  
8. Screen or Slot Size: ..... 0.010"  
9. Screen or Slot Material: ..... STAINLESS STEEL  
10. Casing Material (PVC, steel, or other - specify): ..... PVC  
11. Casing Diameter (inches): ..... 4"  
12. Static Water Level from top of casing at the time of installation (nearest 0.01'): ..... 48.98  
13. Yield (gallons per minute): ..... 3.0 GPM  
14. Development Technique (specify): ..... PUMP + SURGE  
15. Length of Time well is developed/pumped or bailed (hours and minutes): ..... 1 HR



**New Jersey Department of Environmental Protection**  
 Site Remediation Program

**MONITORING WELL CERTIFICATION FORM A - AS-BUILT  
 CERTIFICATION**

Date Stamp  
 (For Department use only)

**SECTION A. SITE NAME AND LOCATION**

Site Name: Hudson County Chromate Site 114  
 List all AKAs: PPG Site 114  
 Street Address: 70 Carteret Avenue  
 Municipality: Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): G000005480 Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG  
 2. Well Location (Street Address) 884 Garfield Avenue  
 3. Well Location (Municipal Block and Lot) Block# 21501 Lot # 18.01

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing):.. E202110385  
 2. Site Well Number as shown on application or plans): ..... 114-PZ-52D  
 3. Well Completion Date: ..... 11/29/21  
 4. Distance from Top of Casing (cap off) to ground surface (nearest 0.01'): ..... 1.99 feet  
 5. Total Depth of Well to the nearest 1/2 foot: ..... 46.99 feet  
 6. Depth to Top of Screen (or top of open hole) from top of casing (nearest 0.01'):..... 41.99 feet  
 7. Screen Length (or length of open hole) in feet: ..... 5 feet  
 8. Screen or Slot Size: ..... 0.010"  
 9. Screen or Slot Material: ..... PVC  
 10. Casing Material (PVC, steel, or other – specify): ..... PVC  
 11. Casing Diameter (inches): ..... 1.5 inches  
 12. Static Water Level from top of casing at the time of installation (nearest 0.01'): ..... 8.74 feet  
 13. Yield (gallons per minute): ..... less than 1.0 gpm  
 14. Development Technique (specify): ..... Watterra pump  
 15. Length of Time well is developed/pumped or bailed (hours and minutes): ..... 3 Hours



**New Jersey Department of Environmental Protection**  
 Site Remediation Program

**MONITORING WELL CERTIFICATION FORM A - AS-BUILT  
 CERTIFICATION**

Date Stamp  
 (For Department use only)

**SECTION A. SITE NAME AND LOCATION**

Site Name: Hudson County Chromate Site 114  
 List all AKAs: PPG Site 114  
 Street Address: 70 Carteret Avenue  
 Municipality: Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): G000005480 Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG  
 2. Well Location (Street Address) 884 Garfield Avenue  
 3. Well Location (Municipal Block and Lot) Block# 21501 Lot # 18.01

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing):.. E202110384  
 2. Site Well Number as shown on application or plans): ..... 114-PZ-52I  
 3. Well Completion Date: ..... 11/29/21  
 4. Distance from Top of Casing (cap off) to ground surface (nearest 0.01'): ..... 2.09 feet  
 5. Total Depth of Well to the nearest 1/2 foot: ..... 35.09 feet  
 6. Depth to Top of Screen (or top of open hole) from top of casing (nearest 0.01'):..... 30.09 feet  
 7. Screen Length (or length of open hole) in feet: ..... 5 feet  
 8. Screen or Slot Size: ..... 0.010"  
 9. Screen or Slot Material: ..... PVC  
 10. Casing Material (PVC, steel, or other – specify): ..... PVC  
 11. Casing Diameter (inches): ..... 1.5 inches  
 12. Static Water Level from top of casing at the time of installation (nearest 0.01'): ..... 7.05 feet  
 13. Yield (gallons per minute): ..... less than 1.0 gpm  
 14. Development Technique (specify): ..... Waterra pump  
 15. Length of Time well is developed/pumped or bailed (hours and minutes): ..... 3 Hours



**MONITORING WELL CERTIFICATION FORM A - AS-BUILT  
CERTIFICATION**

Date Stamp  
(For Department use only)

**SECTION A. SITE NAME AND LOCATION**

Site Name: Hudson County Chromate Site 114  
 List all AKAs: PPG Site 114  
 Street Address: 70 Carteret Avenue  
 Municipality: Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): G000005480 Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG  
 2. Well Location (Street Address) 884 Garfield Avenue  
 3. Well Location (Municipal Block and Lot) Block# 21501 Lot # 18.01

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing):.. E202109828  
 2. Site Well Number as shown on application or plans): ..... 114-PZ-52WR  
 3. Well Completion Date: ..... 11/29/21  
 4. Distance from Top of Casing (cap off) to ground surface (nearest 0.01'): ..... 2.03 feet  
 5. Total Depth of Well to the nearest 1/2 foot: ..... 76.03 feet  
 6. Depth to Top of Screen (or top of open hole) from top of casing (nearest 0.01'):..... 72.03 feet  
 7. Screen Length (or length of open hole) in feet: ..... 4 feet  
 8. Screen or Slot Size: ..... 0.010"  
 9. Screen or Slot Material: ..... PVC  
 10. Casing Material (PVC, steel, or other – specify): ..... PVC  
 11. Casing Diameter (inches): ..... 2.0 inches  
 12. Static Water Level from top of casing at the time of installation (nearest 0.01'): ..... 14.15 feet  
 13. Yield (gallons per minute): ..... less than 1.0 gpm  
 14. Development Technique (specify): ..... Watterra pump  
 15. Length of Time well is developed/pumped or bailed (hours and minutes): ..... 2 Hours



**New Jersey Department of Environmental Protection**  
 Site Remediation Program

**MONITORING WELL CERTIFICATION FORM A - AS-BUILT  
 CERTIFICATION**

Date Stamp  
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**SECTION A. SITE NAME AND LOCATION**

Site Name: Hudson County Chromate Site 114  
 List all AKAs: PPG Site 114  
 Street Address: 70 Carteret Avenue  
 Municipality: Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): G000005480 Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG  
 2. Well Location (Street Address) 884 Garfield Avenue  
 3. Well Location (Municipal Block and Lot) Block# 21501 Lot # 18.01

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing):.. E202109829  
 2. Site Well Number as shown on application or plans): ..... 114-PZ-57D  
 3. Well Completion Date: ..... 11/22/21  
 4. Distance from Top of Casing (cap off) to ground surface (nearest 0.01'): ..... 1.99 feet  
 5. Total Depth of Well to the nearest 1/2 foot: ..... 59.99 feet  
 6. Depth to Top of Screen (or top of open hole) from top of casing (nearest 0.01'):..... 54.99 feet  
 7. Screen Length (or length of open hole) in feet: ..... 5 feet  
 8. Screen or Slot Size: ..... 0.010"  
 9. Screen or Slot Material: ..... PVC  
 10. Casing Material (PVC, steel, or other – specify): ..... PVC  
 11. Casing Diameter (inches): ..... 1.5 inches  
 12. Static Water Level from top of casing at the time of installation (nearest 0.01'): ..... 7.63 feet  
 13. Yield (gallons per minute): ..... less than 1.0 gpm  
 14. Development Technique (specify): ..... Watterra pump  
 15. Length of Time well is developed/pumped or bailed (hours and minutes): ..... 4 Hours



**New Jersey Department of Environmental Protection**  
 Site Remediation Program

**MONITORING WELL CERTIFICATION FORM A - AS-BUILT  
 CERTIFICATION**

Date Stamp  
 (For Department use only)

**SECTION A. SITE NAME AND LOCATION**

Site Name: Hudson County Chromate Site 114  
 List all AKAs: PPG Site 114  
 Street Address: 70 Carteret Avenue  
 Municipality: Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): G000005480 Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG  
 2. Well Location (Street Address) 884 Garfield Avenue  
 3. Well Location (Municipal Block and Lot) Block# 21501 Lot # 18.01

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing):.. E202110386  
 2. Site Well Number as shown on application or plans): ..... 114-PZ-57I  
 3. Well Completion Date: ..... 11/22/21  
 4. Distance from Top of Casing (cap off) to ground surface (nearest 0.01'): ..... 1.73 feet  
 5. Total Depth of Well to the nearest 1/2 foot: ..... 32.93 feet  
 6. Depth to Top of Screen (or top of open hole) from top of casing (nearest 0.01'):..... 27.93 feet  
 7. Screen Length (or length of open hole) in feet: ..... 5 feet  
 8. Screen or Slot Size: ..... 0.010"  
 9. Screen or Slot Material: ..... PVC  
 10. Casing Material (PVC, steel, or other – specify): ..... PVC  
 11. Casing Diameter (inches): ..... 1.5 inches  
 12. Static Water Level from top of casing at the time of installation (nearest 0.01'): ..... 7.45 feet  
 13. Yield (gallons per minute): ..... less than 1.0 gpm  
 14. Development Technique (specify): ..... Watterra pump  
 15. Length of Time well is developed/pumped or bailed (hours and minutes): ..... 4 Hours



**New Jersey Department of Environmental Protection**  
 Site Remediation Program

**MONITORING WELL CERTIFICATION FORM A - AS-BUILT  
 CERTIFICATION**

Date Stamp  
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**SECTION A. SITE NAME AND LOCATION**

Site Name: Hudson County Chromate Site 114  
 List all AKAs: PPG Site 114  
 Street Address: 70 Carteret Avenue  
 Municipality: Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): G000005480 Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG  
 2. Well Location (Street Address) 884 Garfield Avenue  
 3. Well Location (Municipal Block and Lot) Block# 21501 Lot # 18.01

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing):.. E202110387  
 2. Site Well Number as shown on application or plans): ..... 114-PZ-57T  
 3. Well Completion Date: ..... 11/22/21  
 4. Distance from Top of Casing (cap off) to ground surface (nearest 0.01'): ..... 2.02 feet  
 5. Total Depth of Well to the nearest 1/2 foot: ..... 70.02 feet  
 6. Depth to Top of Screen (or top of open hole) from top of casing (nearest 0.01'):..... 65.02 feet  
 7. Screen Length (or length of open hole) in feet: ..... 5 feet  
 8. Screen or Slot Size: ..... 0.010"  
 9. Screen or Slot Material: ..... PVC  
 10. Casing Material (PVC, steel, or other – specify): ..... PVC  
 11. Casing Diameter (inches): ..... 1.5 inches  
 12. Static Water Level from top of casing at the time of installation (nearest 0.01'): ..... 7.51 feet  
 13. Yield (gallons per minute): ..... less than 1.0 gpm  
 14. Development Technique (specify): ..... Waterra pump  
 15. Length of Time well is developed/pumped or bailed (hours and minutes): ..... 4 Hours



**New Jersey Department of Environmental Protection**  
 Site Remediation Program

**MONITORING WELL CERTIFICATION FORM A - AS-BUILT  
 CERTIFICATION**

Date Stamp  
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**SECTION A. SITE NAME AND LOCATION**

Site Name: Hudson County Chromate Site 114  
 List all AKAs: PPG Site 114  
 Street Address: 70 Carteret Avenue  
 Municipality: Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): G000005480 Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG  
 2. Well Location (Street Address) 884 Garfield Avenue  
 3. Well Location (Municipal Block and Lot) Block# 21501 Lot # 18.01

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing):.. E202110391  
 2. Site Well Number as shown on application or plans): ..... 114-PZ-66D  
 3. Well Completion Date: ..... 11/18/21  
 4. Distance from Top of Casing (cap off) to ground surface (nearest 0.01'): ..... 2.25 feet  
 5. Total Depth of Well to the nearest ½ foot: ..... 49.25 feet  
 6. Depth to Top of Screen (or top of open hole) from top of casing (nearest 0.01'):..... 47.25 feet  
 7. Screen Length (or length of open hole) in feet: ..... 2 feet  
 8. Screen or Slot Size: ..... 0.010"  
 9. Screen or Slot Material: ..... PVC  
 10. Casing Material (PVC, steel, or other – specify): ..... PVC  
 11. Casing Diameter (inches): ..... 1.5 inches  
 12. Static Water Level from top of casing at the time of installation (nearest 0.01'): ..... 7.40 feet  
 13. Yield (gallons per minute): ..... less than 1.0 gpm  
 14. Development Technique (specify): ..... Watterra pump  
 15. Length of Time well is developed/pumped or bailed (hours and minutes): ..... 2 Hours



**New Jersey Department of Environmental Protection**  
 Site Remediation Program

**MONITORING WELL CERTIFICATION FORM A - AS-BUILT  
 CERTIFICATION**

Date Stamp  
 (For Department use only)

**SECTION A. SITE NAME AND LOCATION**

Site Name: Hudson County Chromate Site 114  
 List all AKAs: PPG Site 114  
 Street Address: 70 Carteret Avenue  
 Municipality: Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): G000005480 Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG  
 2. Well Location (Street Address) 884 Garfield Avenue  
 3. Well Location (Municipal Block and Lot) Block# 21501 Lot # 18.01

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing):.. E202109830  
 2. Site Well Number as shown on application or plans): ..... 114-PZ-66I  
 3. Well Completion Date: ..... 11/18/21  
 4. Distance from Top of Casing (cap off) to ground surface (nearest 0.01'): ..... 2.29 feet  
 5. Total Depth of Well to the nearest 1/2 foot: ..... 42.29 feet  
 6. Depth to Top of Screen (or top of open hole) from top of casing (nearest 0.01'):..... 37.29 feet  
 7. Screen Length (or length of open hole) in feet: ..... 5 feet  
 8. Screen or Slot Size: ..... 0.010"  
 9. Screen or Slot Material: ..... PVC  
 10. Casing Material (PVC, steel, or other – specify): ..... PVC  
 11. Casing Diameter (inches): ..... 1.5 inches  
 12. Static Water Level from top of casing at the time of installation (nearest 0.01'): ..... 7.40 feet  
 13. Yield (gallons per minute): ..... less than 1.0 gpm  
 14. Development Technique (specify): ..... Watterra pump  
 15. Length of Time well is developed/pumped or bailed (hours and minutes): ..... 5.5 Hours



**MONITORING WELL CERTIFICATION FORM A - AS-BUILT  
CERTIFICATION**

Date Stamp  
(For Department use only)

**SECTION A. SITE NAME AND LOCATION**

Site Name: Hudson County Chromate Site 114

List all AKAs: PPG Site 114

Street Address: 70 Carteret Avenue

Municipality: Jersey City (Township, Borough or City)

County: Hudson Zip Code: 07305

Program Interest (PI) Number(s): G000005480

Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG

2. Well Location (Street Address) 884 Garfield Avenue

3. Well Location (Municipal Block and Lot) Block# 21501 Lot # 18.01

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing):.. E202110390

2. Site Well Number as shown on application or plans): ..... 114-PZ-66T

3. Well Completion Date: ..... 11/18/21

4. Distance from Top of Casing (cap off) to ground surface (nearest 0.01'): ..... 2.27 feet

5. Total Depth of Well to the nearest 1/2 foot: ..... 72.27 feet

6. Depth to Top of Screen (or top of open hole) from top of casing (nearest 0.01'):..... 67.27 feet

7. Screen Length (or length of open hole) in feet: ..... 5 feet

8. Screen or Slot Size: ..... 0.010"

9. Screen or Slot Material: ..... PVC

10. Casing Material (PVC, steel, or other – specify): ..... PVC

11. Casing Diameter (inches): ..... 1.5 inches

12. Static Water Level from top of casing at the time of installation (nearest 0.01'): ..... 10.30 feet

13. Yield (gallons per minute): ..... less than 1.0 gpm

14. Development Technique (specify): ..... Watterra pump

15. Length of Time well is developed/pumped or bailed (hours and minutes): ..... 1 Hour



**New Jersey Department of Environmental Protection**  
 Site Remediation Program

**MONITORING WELL CERTIFICATION FORM A - AS-BUILT  
 CERTIFICATION**

Date Stamp  
 (For Department use only)

**SECTION A. SITE NAME AND LOCATION**

Site Name: Hudson County Chromate Site 114  
 List all AKAs: PPG Site 114  
 Street Address: 70 Carteret Avenue  
 Municipality: Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): G000005480 Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG  
 2. Well Location (Street Address) 884 Garfield Avenue  
 3. Well Location (Municipal Block and Lot) Block# 21501 Lot # 18.01

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing):.. E202110392  
 2. Site Well Number as shown on application or plans): ..... 114-PZ-66WR  
 3. Well Completion Date: ..... 11/18/21  
 4. Distance from Top of Casing (cap off) to ground surface (nearest 0.01'): ..... 1.95 feet  
 5. Total Depth of Well to the nearest 1/2 foot: ..... 86.15 feet  
 6. Depth to Top of Screen (or top of open hole) from top of casing (nearest 0.01'):..... 82.15 feet  
 7. Screen Length (or length of open hole) in feet: ..... 4 feet  
 8. Screen or Slot Size: ..... 0.010"  
 9. Screen or Slot Material: ..... PVC  
 10. Casing Material (PVC, steel, or other – specify): ..... PVC  
 11. Casing Diameter (inches): ..... 2.0 inches  
 12. Static Water Level from top of casing at the time of installation (nearest 0.01'): ..... 10.03 feet  
 13. Yield (gallons per minute): ..... 1.5 gpm  
 14. Development Technique (specify): ..... Typhoon pump  
 15. Length of Time well is developed/pumped or bailed (hours and minutes): ..... 30 Minutes

Addendum to Groundwater Remedial Investigation Report and Groundwater Remedial Action Work Plan for Bedrock  
Water-Bearing Zone  
Garfield Avenue Group of Sites  
PPG, Jersey City, New Jersey

## **Form Bs**



**New Jersey Department of Environmental Protection**  
**Site Remediation Program**

**Monitoring Well Certification Form B - Location Certification**

Date Stamp  
 (For Department use only)

**SECTION A. SITE NAME AND LOCATION**

Site Name: Garfield Avenue Group Chrome Sites (PPG)  
 List all AKAs: PPG Site 114  
 Street Address: Garfield Avenue and Carteret Avenue  
 Municipality: City of Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG Industries  
 2. Well Location (Street Address) Garfield Avenue and Carteret Avenue, Jersey City, NJ  
 3. Well Location (Municipal Block and Lot) Block # 21501 Lot # 18

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing): E202110740  
 2. Site Well Number (As shown on application or plans): MW-4D  
 3. Geographic Coordinate NAD 83 to nearest 1/100 of a second:  
 Latitude: North 40°42'30.28" Longitude: West 74°04'18.59"  
 4. New Jersey State Plane Coordinates NAD 83 datum, US survey feet units, to nearest foot:  
 North 683258.9 East 610821.9  
 5. Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 15.77  
 Elevation of Top of Outer Casing: 16.18 Elevation of Ground: 13.1  
 Check one:  NAVD 88  NGVD29  On Site Datum  Other  
 6. Source of elevation datum (benchmark, number/description and elevation/datum). If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation (referencing NAVD 88).  
 The vertical datum is the North American Vertical Datum of 1988 (NAVD88) GEOID09 verified by differential GPS observations from the NGS CORS network on May 10, 2012. On site control points used: Spike and Tag in the face of the retaining wall for the railroad at the north end of Site 114, Elev=18.02'.  
 7. Significant observations and notes:  
 Lot and Block information are for reference only and do not indicate that this well was surveyed in relation to property boundary lines.

**SECTION D. LAND SURVEYOR'S CERTIFICATION**

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

SEAL

Professional Land Surveyor's Signature: [Signature] Date: 12/13/2021  
 Surveyor's Name: John D. Beattie License Number: 24GS04331900  
 Firm Name: Borbas Surveying & Mapping, LLC Certificate of Authorization #: 24GA28056200  
 Mailing Address: 402 Main Street  
 City/Town: Boonton State: New Jersey Zip Code: 07005  
 Phone Number: 973-316-8743 Ext: \_\_\_\_\_ Fax: \_\_\_\_\_

CERTIFICATION FORM B - LOCATION CERTIFICATION

Name of Owner:

Name of Facility: PPG INDUSTRIES (SITE 114)

Location: Garfield Ave, Jersey City, NJ

NJDEP Incident number:

Permit number:

LAND SURVEYOR'S CERTIFICATION

Well Permit Number: 26-00081-167

(This number must be permanently affixed to the well casing.)

Owner's Well Number (as shown on application or plans): PPG114-MW-6D

Geographic Coordinate NAD 83 (to nearest 1/10 of a second):

Longitude: West 74° 04' 12.373" Latitude: North 40° 42' 34.451"

New Jersey State Plane Coordinates NAD 83 to nearest 10 feet:

North: 683683.3 East 611298.4

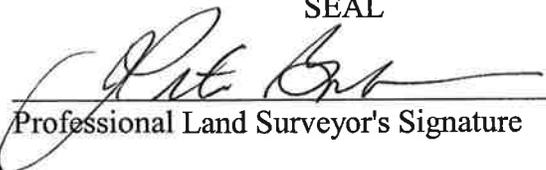
Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 13.90'  
(Steel=14.44')

Source of elevation datum: Existing site datum, as shown on untitled plan provided by client. Held PK-12 elevation 11.48' = NAVD88 +/-1.25'

AUTHENTICATION:

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

SEAL

 February 27, 2007  
Professional Land Surveyor's Signature      Date

J. Peter Borbas, P.L.S., NJ License No. 24GSO3165300  
Professional Land Surveyor's Name and License Number

402 Main Street, Boonton, NJ 07005 (973) 316-8743  
Professional Land Surveyor's Address and Phone Number



**New Jersey Department of Environmental Protection  
Site Remediation Program**

**Monitoring Well Certification Form B - Location Certification**

Date Stamp  
(For Department use only)

**SECTION A. SITE NAME AND LOCATION**

Site Name: PPG Industries (Site 114)

List all AKAs: \_\_\_\_\_

Street Address: Garfield Avenue

Municipality: Jersey City (Township, Borough or City)

County: Hudson Zip Code: 07305

Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner \_\_\_\_\_

2. Well Location (Street Address) \_\_\_\_\_

3. Well Location (Municipal Block and Lot) Block# \_\_\_\_\_ Lot # \_\_\_\_\_

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing): 26-00081-207

2. Site Well Number As shown on application or plans): ..... 114-MW7D

3. Geographic Coordinate NAD 83 to nearest 1/10 of a second:

Longitude: West 74° 04' 13.81" Latitude: North 40° 42' 30.96"

4. New Jersey State Plane Coordinates NAD 83 to nearest 10 feet:

North 683329.1 East 611189.2

5. Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): ..... 12.42

6. Source of elevation datum (benchmark, number/description and elevation/datum. If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation.)

The vertical datum is NAVD88 established by Borbas Surveying and Mapping from differential GPS observations from the NGS CORS Network in December, 2005.

7. Significant observations and notes:

Outer Casing Elevation: 12.90  
Ground Surface Elevation: 13.0

Professional Land Surveyor's Name: J. Peter Borbas, P.L.S.

Date: 12/20/2011

**SECTION D. LAND SURVEYOR'S CERTIFICATION**

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

SEAL

Professional Land Surveyor's Signature:		Date	12/20/2011		
Surveyor's Name:	J. Peter Borbas, P.L.S.	License Number:	24GS03165300		
Mailing Address	402 Main Street				
City/Town:	Boonton	State	New Jersey	Zip Code:	07005
Phone Number	973-316-8743	Ext.:	N/A	Fax:	973-402-6627

Site Name: PPG Industries (Site 114)

Well Permit Number: 26-00081-207

Well Number: 114-MW7D



**New Jersey Department of Environmental Protection**  
**Site Remediation Program**  
**Monitoring Well Certification Form B - Location Certification**

Date Stamp  
 (For Department use only)

**SECTION A. SITE NAME AND LOCATION**

Site Name: PPG Industries (Site 114)  
 List all AKAs: \_\_\_\_\_  
 Street Address: Garfield Avenue  
 Municipality: Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner \_\_\_\_\_  
 2. Well Location (Street Address) \_\_\_\_\_  
 3. Well Location (Municipal Block and Lot) Block# \_\_\_\_\_ Lot # \_\_\_\_\_

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing): 26-00081-301  
 2. Site Well Number As shown on application or plans): ..... 114-MW16B  
 3. Geographic Coordinate NAD 83 to nearest 1/10 of a second:  
 Longitude: West 74° 04' 21.33" Latitude: North 40° 42' 31.35"  
 4. New Jersey State Plane Coordinates NAD 83 to nearest 10 feet:  
 North 683366.4 East 610610.2  
 5. Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): ..... 15.53  
 6. Source of elevation datum (benchmark, number/description and elevation/datum. If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation.)  
 The vertical datum is NAVD88 established by Borbas Surveying and Mapping from differential GPS observations from the NGS CORS Network in December, 2005.  
 7. Significant observations and notes:  
 Outer Casing Elevation: 16.06  
 Ground Surface Elevation: 16.1

Professional Land Surveyor's Name: J. Peter Borbas, P.L.S.

Date: 12/20/2011

**SECTION D. LAND SURVEYOR'S CERTIFICATION**

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

SEAL

Professional Land Surveyor's Signature:  Date 12/20/2011

Surveyor's Name: J. Peter Borbas, P.L.S. License Number: 24GS03165300

Mailing Address 402 Main Street

City/Town: Boonton State New Jersey Zip Code: 07005

Phone Number 973-316-8743 Ext.: N/A Fax: 973-402-6627

Site Name: PPG Industries (Site 114)

Well Permit Number: 26-00081-301

Well Number: 114-MW16B



**New Jersey Department of Environmental Protection**  
Site Remediation Program

**Monitoring Well Certification Form B - Location Certification**

Date Stamp  
(For Department use only)

**SECTION A. SITE NAME AND LOCATION**

Site Name: Garfield Avenue Group Chrome Sites (PPG)  
 List all AKAs: PPG Site 114  
 Street Address: Garfield Avenue and Carteret Avenue  
 Municipality: City of Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG Industries  
 2. Well Location (Street Address) Site 114, Garfield Avenue and Carteret Avenue, Jersey City, NJ  
 3. Well Location (Municipal Block and Lot) Block # 21501 Lot # 18

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing): E202012657  
 2. Site Well Number (As shown on application or plans): 114-MW52D  
 3. Geographic Coordinate NAD 83 to nearest 1/100 of a second:  
 Latitude: North 40°42'33.09" Longitude: West 74°04'15.25"  
 4. New Jersey State Plane Coordinates NAD 83 datum, US survey feet units, to nearest foot:  
 North 683544.4 East 611077.5  
 5. Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 15.64  
 Elevation of Top of Outer Casing: 16.15 Elevation of Ground: 13.9  
 Check one:  NAVD 88  NGVD29  On Site Datum  Other  
 6. Source of elevation datum (benchmark, number/description and elevation/datum). If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation (referencing NAVD 88).  
 The vertical datum is the North American Vertical Datum of 1988 (NAVD88) GEOID09 verified by differential GPS observations from the NGS CORS network on May 10, 2012. Benchmark: Reference Stations NJI2, NJNT, NYBP, NYBR and NYVH. On-site benchmarks have been set.  
 7. Significant observations and notes:  
 Lot and Block information is for reference only and does not necessarily indicate that property, boundary, or lot lines have been surveyed relative to this well.

**SECTION D. LAND SURVEYOR'S CERTIFICATION**

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

SEAL

Professional Land Surveyor's Signature: \_\_\_\_\_ Date: 1/19/2021  
 Surveyor's Name: John D. Beattie License Number: 24GS04331900  
 Firm Name: Borbas Surveying & Mapping, LLC Certificate of Authorization #: 24GA28056200  
 Mailing Address: 402 Main Street  
 City/Town: Boonton State: New Jersey Zip Code: 07005  
 Phone Number: 973-316-8743 Ext: \_\_\_\_\_ Fax: \_\_\_\_\_



**New Jersey Department of Environmental Protection**  
Site Remediation Program

**Monitoring Well Certification Form B - Location Certification**

Date Stamp  
(For Department use only)

**SECTION A. SITE NAME AND LOCATION**

Site Name: Garfield Avenue Group Chrome Sites (PPG)  
 List all AKAs: PPG Site 114  
 Street Address: Garfield Avenue and Carteret Avenue  
 Municipality: City of Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG Industries  
 2. Well Location (Street Address) Garfield Avenue and Carteret Avenue, Jersey City, NJ  
 3. Well Location (Municipal Block and Lot) Block # 21501 Lot # 18

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing): E202002720  
 2. Site Well Number (As shown on application or plans): 114-MW53C  
 3. Geographic Coordinate NAD 83 to nearest 1/100 of a second:  
 Latitude: North 40°42'32.01" Longitude: West 74°04'14.22"  
 4. New Jersey State Plane Coordinates NAD 83 datum, US survey feet units, to nearest foot:  
 North 683435.6 East 611157.6  
 5. Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 15.08  
 Elevation of Top of Outer Casing: 15.86 Elevation of Ground: 13.9  
 Check one:  NAVD 88  NGVD29  On Site Datum  Other  
 6. Source of elevation datum (benchmark, number/description and elevation/datum). If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation (referencing NAVD 88).  
 The vertical datum is the North American Vertical Datum of 1988 (NAVD88) GEOID09 verified by differential GPS observations from the NGS CORS network on May 10, 2012. Benchmark: Reference Stations NJI2, NJNT, NYBP, NYBR and NYVH. On-site benchmarks have been set.  
 7. Significant observations and notes:  
 Lot and Block information is for reference only and does not necessarily indicate that property, boundary, or lot lines have been surveyed relative to this well.

**SECTION D. LAND SURVEYOR'S CERTIFICATION**

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

SEAL

Professional Land Surveyor's Signature: [Signature] Date: 8/10/2020  
 Surveyor's Name: John D. Beattie License Number: 24GS04331900  
 Firm Name: Borbas Surveying & Mapping, LLC Certificate of Authorization #: 24GA28056200  
 Mailing Address: 402 Main Street  
 City/Town: Boonton State: New Jersey Zip Code: 07005  
 Phone Number: 973-316-8743 Ext: \_\_\_\_\_ Fax: 973-402-6627



**New Jersey Department of Environmental Protection**  
Site Remediation Program

**Monitoring Well Certification Form B - Location Certification**

Date Stamp  
(For Department use only)

**SECTION A. SITE NAME AND LOCATION**

Site Name: Garfield Avenue Group Chrome Sites (PPG)  
 List all AKAs: PPG Site 114  
 Street Address: Garfield Avenue and Carteret Avenue  
 Municipality: City of Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG Industries  
 2. Well Location (Street Address) Garfield Avenue and Carteret Avenue, Jersey City, NJ  
 3. Well Location (Municipal Block and Lot) Block # 21501 Lot # 16

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing): E202002722  
 2. Site Well Number (As shown on application or plans): 114-MW55C  
 3. Geographic Coordinate NAD 83 to nearest 1/100 of a second:  
 Latitude: North 40°42'32.83" Longitude: West 74°04'10.56"  
 4. New Jersey State Plane Coordinates NAD 83 datum, US survey feet units, to nearest foot:  
 North 683519.8 East 611439.1  
 5. Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 13.23  
 Elevation of Top of Outer Casing: 13.73 Elevation of Ground: 11.1  
 Check one:  NAVD 88  NGVD29  On Site Datum  Other  
 6. Source of elevation datum (benchmark, number/description and elevation/datum). If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation (referencing NAVD 88).  
 The vertical datum is the North American Vertical Datum of 1988 (NAVD88) GEOID09 verified by differential GPS observations from the NGS CORS network on May 10, 2012. Benchmark: Reference Stations NJI2, NJNT, NYBP, NYBR and NYVH. On-site benchmarks have been set.  
 7. Significant observations and notes:  
 Lot and Block information is for reference only and does not necessarily indicate that property, boundary, or lot lines have been surveyed relative to this well.

**SECTION D. LAND SURVEYOR'S CERTIFICATION**

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

SEAL

Professional Land Surveyor's Signature: \_\_\_\_\_ Date: 8/10/2020  
 Surveyor's Name: John D. Beattie License Number: 24GS04331900  
 Firm Name: Borbis Surveying & Mapping, LLC Certificate of Authorization #: 24GA28056200  
 Mailing Address: 402 Main Street  
 City/Town: Boonton State: New Jersey Zip Code: 07005  
 Phone Number: 973-316-8743 Ext: \_\_\_\_\_ Fax: 973-402-6627



**New Jersey Department of Environmental Protection**  
 Site Remediation Program

**Monitoring Well Certification Form B - Location Certification**

Date Stamp  
 (For Department use only)

**SECTION A. SITE NAME AND LOCATION**

Site Name: Garfield Avenue Group Chrome Sites (PPG)  
 List all AKAs: PPG Site 114  
 Street Address: Garfield Avenue and Carteret Avenue  
 Municipality: City of Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG Industries  
 2. Well Location (Street Address) Garfield Avenue and Carteret Avenue, Jersey City, NJ  
 3. Well Location (Municipal Block and Lot) Block # 21501 Lot # 18

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing): E202002724  
 2. Site Well Number (As shown on application or plans): 114-MW57C  
 3. Geographic Coordinate NAD 83 to nearest 1/100 of a second:  
 Latitude: North 40°42'29.79" Longitude: West 74°04'16.93"  
 4. New Jersey State Plane Coordinates NAD 83 datum, US survey feet units, to nearest foot:  
 North 683210.4 East 610949.9  
 5. Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 14.55  
 Elevation of Top of Outer Casing: 15.37 Elevation of Ground: 12.9  
 Check one:  NAVD 88  NGVD29  On Site Datum  Other  
 6. Source of elevation datum (benchmark, number/description and elevation/datum). If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation (referencing NAVD 88).  
 The vertical datum is the North American Vertical Datum of 1988 (NAVD88) GEOID09 verified by differential GPS observations from the NGS CORS network on May 10, 2012. Benchmark: Reference Stations NJI2, NJNT, NYBP, NYBR and NYVH. On-site benchmarks have been set.  
 7. Significant observations and notes:  
 Lot and Block information is for reference only and does not necessarily indicate that property, boundary, or lot lines have been surveyed relative to this well.

**SECTION D. LAND SURVEYOR'S CERTIFICATION**

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

SEAL

Professional Land Surveyor's Signature: [Signature] Date: 8/10/2020  
 Surveyor's Name: John D. Beattie License Number: 24GS04331900  
 Firm Name: Borbas Surveying & Mapping, LLC Certificate of Authorization #: 24GA28056200  
 Mailing Address: 402 Main Street  
 City/Town: Boonton State: New Jersey Zip Code: 07005  
 Phone Number: 973-316-8743 Ext: \_\_\_\_\_ Fax: 973-402-6627



**New Jersey Department of Environmental Protection**  
Site Remediation Program

**Monitoring Well Certification Form B - Location Certification**

Date Stamp  
(For Department use only)

**SECTION A. SITE NAME AND LOCATION**

Site Name: Garfield Avenue Group Chrome Sites (PPG)  
 List all AKAs: PPG Site  
 Street Address: Halladay Street and Carteret Avenue  
 Municipality: City of Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG Industries  
 2. Well Location (Street Address) Halladay Street and Carteret Avenue  
 3. Well Location (Municipal Block and Lot) Block # 21501 Lot # 18

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing): E202012660  
 2. Site Well Number (As shown on application or plans): 114-MW57D  
 3. Geographic Coordinate NAD 83 to nearest 1/100 of a second:  
 Latitude: North 40°42'29.85" Longitude: West 74°04'17.53"  
 4. New Jersey State Plane Coordinates NAD 83 datum, US survey feet units, to nearest foot:  
 North 683216.2 East 610903.7  
 5. Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 14.86  
 Elevation of Top of Outer Casing: 14.35 Elevation of Ground: 12.6  
 Check one:  NAVD 88  NGVD29  On Site Datum  Other  
 6. Source of elevation datum (benchmark, number/description and elevation/datum). If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation (referencing NAVD 88).  
 The vertical datum is the North American Vertical Datum of 1988 (NAVD88) GEOID09 verified by differential GPS observations from the NGS CORS Network on May 10, 2012. On-site benchmarks have been set.  
 7. Significant observations and notes:  
 Lot and Block information is for reference only and does not necessarily indicate that property, boundary, or lot lines have been surveyed relative to this well.

**SECTION D. LAND SURVEYOR'S CERTIFICATION**

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.



Professional Land Surveyor's Signature: \_\_\_\_\_ Date: 5/11/2023  
 Surveyor's Name: John D. Beattie License Number: 24GS04331900  
 Firm Name: Borbos Surveying & Mapping, LLC Certificate of Authorization #: 24GA28056200  
 Mailing Address: 402 Main Street  
 City/Town: Boonton State: New Jersey Zip Code: 07005  
 Phone Number: 973-316-8743 Ext: \_\_\_\_\_ Fax: \_\_\_\_\_



**New Jersey Department of Environmental Protection**  
 Site Remediation Program

**Monitoring Well Certification Form B - Location Certification**

Date Stamp  
 (For Department use only)

**SECTION A. SITE NAME AND LOCATION**

Site Name: Garfield Avenue Group Chrome Sites (PPG)  
 List all AKAs: PPG Site 114  
 Street Address: Garfield Avenue and Carteret Avenue  
 Municipality: City of Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG Industries  
 2. Well Location (Street Address) Site 114, Garfield Avenue and Carteret Avenue, Jersey City, NJ  
 3. Well Location (Municipal Block and Lot) Block # 21501 Lot # 17

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing): E202002725  
 2. Site Well Number (As shown on application or plans): 114-MW58C  
 3. Geographic Coordinate NAD 83 to nearest 1/100 of a second:  
 Latitude: North 40°42'30.63" Longitude: West 74°04'11.45"  
 4. New Jersey State Plane Coordinates NAD 83 datum, US survey feet units, to nearest foot:  
 North 683296.6 East 611371.2  
 5. Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 13.01  
 Elevation of Top of Outer Casing: 13.36 Elevation of Ground: 11.1  
 Check one:  NAVD 88  NGVD29  On Site Datum  Other  
 6. Source of elevation datum (benchmark, number/description and elevation/datum). If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation (referencing NAVD 88).  
 The vertical datum is the North American Vertical Datum of 1988 (NAVD88) GEOID09 verified by differential GPS observations from the NGS CORS network on May 10, 2012. Benchmark: Reference Stations NJI2, NJNT, NYBP, NYBR and NYVH. On-site benchmarks have been set.  
 7. Significant observations and notes:  
 Lot and Block information is for reference only and does not necessarily indicate that property, boundary, or lot lines have been surveyed relative to this well.

**SECTION D. LAND SURVEYOR'S CERTIFICATION**

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.



Professional Land Surveyor's Signature: \_\_\_\_\_ Date: 9/9/2020  
 Surveyor's Name: John D. Beattie License Number: 24GS04331900  
 Firm Name: Borbos Surveying & Mapping, LLC Certificate of Authorization #: 24GA28056200  
 Mailing Address: 402 Main Street  
 City/Town: Boonton State: New Jersey Zip Code: 07005  
 Phone Number: 973-316-8743 Ext: \_\_\_\_\_ Fax: \_\_\_\_\_



**New Jersey Department of Environmental Protection**  
Site Remediation Program

**Monitoring Well Certification Form B - Location Certification**

Date Stamp  
(For Department use only)

**SECTION A. SITE NAME AND LOCATION**

Site Name: Garfield Avenue Group Chrome Sites (PPG)  
 List all AKAs: PPG Site 114  
 Street Address: Garfield Avenue and Carteret Avenue  
 Municipality: City of Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG Industries  
 2. Well Location (Street Address) PPG Site 114, Garfield Avenue and Carteret Avenue, Jersey City, NJ 07305  
 3. Well Location (Municipal Block and Lot) Block # 21501 Lot # 17

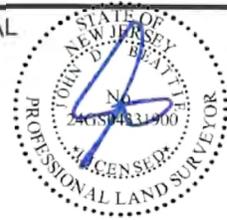
**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing): E202312356  
 2. Site Well Number (As shown on application or plans): 114-MW58C-R  
 3. Geographic Coordinate NAD 83 to nearest 1/100 of a second:  
 Latitude: North 40°42'30.69" Longitude: West 74°04'11.30"  
 4. New Jersey State Plane Coordinates NAD 83 datum, US survey feet units, to nearest foot:  
 North 683303.4 East 611383.1  
 5. Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 10.87  
 Elevation of Top of Outer Casing: 11.24 Elevation of Ground: 11.2  
 Check one:  NAVD 88  NGVD29  On Site Datum  Other  
 6. Source of elevation datum (benchmark, number/description and elevation/datum). If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation (referencing NAVD 88).  
 The vertical datum is the North American Vertical Datum of 1988 (NAVD88) GEOID09 verified by differential GPS observations from the NGS CORS Network on May 10, 2012. On-site benchmarks have been set.  
 7. Significant observations and notes:  
 Lot and Block information is for reference only and does not necessarily indicate that property, boundary, or lot lines have been surveyed relative to this well.

**SECTION D. LAND SURVEYOR'S CERTIFICATION**

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

SEAL



Professional Land Surveyor's Signature: \_\_\_\_\_ Date: 7/17/2024  
 Surveyor's Name: John D. Beattie License Number: 24GS04331900  
 Firm Name: Borbas Surveying & Mapping, LLC Certificate of Authorization #: 24GA28056200  
 Mailing Address: 402 Main Street  
 City/Town: Boonton State: New Jersey Zip Code: 07005  
 Phone Number: 973-316-8743 Ext: \_\_\_\_\_ Fax: \_\_\_\_\_



**New Jersey Department of Environmental Protection**  
 Site Remediation Program

**Monitoring Well Certification Form B - Location Certification**

Date Stamp  
 (For Department use only)

**SECTION A. SITE NAME AND LOCATION**

Site Name: Garfield Avenue Group Chrome Sites (PPG)  
 List all AKAs: PPG Site 114  
 Street Address: Garfield Avenue and Carteret Avenue  
 Municipality: City of Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG Industries  
 2. Well Location (Street Address) Garfield Avenue and Carteret Avenue, Jersey City, NJ  
 3. Well Location (Municipal Block and Lot) Block # 21501 Lot # 17

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing): E202002727  
 2. Site Well Number (As shown on application or plans): 114-MW60C  
 3. Geographic Coordinate NAD 83 to nearest 1/100 of a second:  
 Latitude: North 40°42'26.66" Longitude: West 74°04'11.88"  
 4. New Jersey State Plane Coordinates NAD 83 datum, US survey feet units, to nearest foot:  
 North 682895.5 East 611340.1  
 5. Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 12.87  
 Elevation of Top of Outer Casing: 13.63 Elevation of Ground: 11.0  
 Check one:  NAVD 88  NGVD29  On Site Datum  Other  
 6. Source of elevation datum (benchmark, number/description and elevation/datum). If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation (referencing NAVD 88).  
 The vertical datum is the North American Vertical Datum of 1988 (NAVD88) GEOID09 verified by differential GPS observations from the NGS CORS network on May 10, 2012. Benchmark: Reference Stations NJI2, NJNT, NYBP, NYBR and NYVH. On-site benchmarks have been set.  
 7. Significant observations and notes:  
 Lot and Block information is for reference only and does not necessarily indicate that property, boundary, or lot lines have been surveyed relative to this well.

**SECTION D. LAND SURVEYOR'S CERTIFICATION**

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SEAL

Professional Land Surveyor's Signature: \_\_\_\_\_ Date: 8/10/2020  
 Surveyor's Name: John D. Beattie License Number: 24GS04331900  
 Firm Name: Borbas Surveying & Mapping, LLC Certificate of Authorization #: 24GA28056200  
 Mailing Address: 402 Main Street  
 City/Town: Boonton State: New Jersey Zip Code: 07005  
 Phone Number: 973-316-8743 Ext: \_\_\_\_\_ Fax: 973-402-6627



**New Jersey Department of Environmental Protection**  
Site Remediation Program

**Monitoring Well Certification Form B - Location Certification**

Date Stamp  
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**SECTION A. SITE NAME AND LOCATION**

Site Name: Garfield Avenue Group Chrome Sites (PPG)  
 List all AKAs: PPG Site 114  
 Street Address: Garfield Avenue and Carteret Avenue  
 Municipality: City of Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG Industries  
 2. Well Location (Street Address) PPG Site 114, Halladay Street R.O.W, Jersey City, NJ 07305  
 3. Well Location (Municipal Block and Lot) Block # \_\_\_\_\_ Lot # \_\_\_\_\_

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing): E202312354  
 2. Site Well Number (As shown on application or plans): 114-MW60C-R  
 3. Geographic Coordinate NAD 83 to nearest 1/100 of a second:  
 Latitude: North 40°42'26.29" Longitude: West 74°04'11.94"  
 4. New Jersey State Plane Coordinates NAD 83 datum, US survey feet units, to nearest foot:  
 North 682857.6 East 611335.5  
 5. Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'):  
 Elevation of Top of Outer Casing: 10.46 Elevation of Ground: 10.5  
 Check one:  NAVD 88  NGVD29  On Site Datum  Other  
 6. Source of elevation datum (benchmark, number/description and elevation/datum). If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation (referencing NAVD 88).  
The vertical datum is the North American Vertical Datum of 1988 (NAVD88) GEOID09 verified by differential GPS observations from the NGS CORS Network on May 10, 2012. On-site benchmarks have been set.  
 7. Significant observations and notes:  
Lot and Block information is for reference only and does not necessarily indicate that property, boundary, or lot lines have been surveyed relative to this well.

**SECTION D. LAND SURVEYOR'S CERTIFICATION**

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Professional Land Surveyor's Signature: \_\_\_\_\_ Date: 7/17/2024  
 Surveyor's Name: John D. Beattie License Number: 24GS04331900  
 Firm Name: Borbas Surveying & Mapping, LLC Certificate of Authorization #: 24GA28056200  
 Mailing Address: 402 Main Street  
 City/Town: Boonton State: New Jersey Zip Code: 07005  
 Phone Number: 973-316-8743 Ext: \_\_\_\_\_ Fax: \_\_\_\_\_



**New Jersey Department of Environmental Protection**  
Site Remediation Program

**Monitoring Well Certification Form B - Location Certification**

Date Stamp  
(For Department use only)

**SECTION A. SITE NAME AND LOCATION**

Site Name: Garfield Avenue Group Chrome Sites (PPG)  
 List all AKAs: PPG Site 114  
 Street Address: Garfield Avenue and Carteret Avenue  
 Municipality: City of Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG Industries  
 2. Well Location (Street Address) Garfield Avenue and Carteret Avenue, Jersey City, NJ  
 3. Well Location (Municipal Block and Lot) Block # 21501 Lot # 18

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing): E202110645  
 2. Site Well Number (As shown on application or plans): MW-61D  
 3. Geographic Coordinate NAD 83 to nearest 1/100 of a second:  
 Latitude: North 40°42'32.36" Longitude: West 74°04'17.91"  
 4. New Jersey State Plane Coordinates NAD 83 datum, US survey feet units, to nearest foot:  
 North 683470.0 East 610873.1  
 5. Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 17.12  
 Elevation of Top of Outer Casing: 17.29 Elevation of Ground: 14.3  
 Check one:  NAVD 88  NGVD29  On Site Datum  Other  
 6. Source of elevation datum (benchmark, number/description and elevation/datum). If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation (referencing NAVD 88).  
 The vertical datum is the North American Vertical Datum of 1988 (NAVD88) GEOID09 verified by differential GPS observations from the NGS CORS network on May 10, 2012. On site control points used: Spike and Tag in the face of the retaining wall for the railroad at the north end of Site 114, Elev=18.02'.  
 7. Significant observations and notes:  
 Lot and Block information are for reference only and do not indicate that this well was surveyed in relation to property boundary lines.

**SECTION D. LAND SURVEYOR'S CERTIFICATION**

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

SEAL

Professional Land Surveyor's Signature: \_\_\_\_\_ Date: 12/13/2021  
 Surveyor's Name: John D. Beattie License Number: 24GS04331900  
 Firm Name: Borbos Surveying & Mapping, LLC Certificate of Authorization #: 24GA28056200  
 Mailing Address: 402 Main Street  
 City/Town: Boonton State: New Jersey Zip Code: 07005  
 Phone Number: 973-316-8743 Ext: \_\_\_\_\_ Fax: \_\_\_\_\_



**New Jersey Department of Environmental Protection**  
 Site Remediation Program

**Monitoring Well Certification Form B - Location Certification**

Date Stamp  
 (For Department use only)

**SECTION A. SITE NAME AND LOCATION**

Site Name: Garfield Avenue Group Chrome Sites (PPG)  
 List all AKAs: PPG Site 114  
 Street Address: Garfield Avenue and Carteret Avenue  
 Municipality: City of Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG Industries  
 2. Well Location (Street Address) Garfield Avenue and Carteret Avenue, Jersey City, NJ  
 3. Well Location (Municipal Block and Lot) Block # 21501 Lot # 20

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing): E202002717  
 2. Site Well Number (As shown on application or plans): 114-MW62C  
 3. Geographic Coordinate NAD 83 to nearest 1/100 of a second:  
 Latitude: North 40°42'35.12" Longitude: West 74°04'14.44"  
 4. New Jersey State Plane Coordinates NAD 83 datum, US survey feet units, to nearest foot:  
 North 683749.8 East 611139.0  
 5. Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 15.04  
 Elevation of Top of Outer Casing: 15.18 Elevation of Ground: 13.0  
 Check one:  NAVD 88  NGVD29  On Site Datum  Other  
 6. Source of elevation datum (benchmark, number/description and elevation/datum). If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation (referencing NAVD 88).  
 The vertical datum is the North American Vertical Datum of 1988 (NAVD88) GEOID09 verified by differential GPS observations from the NGS CORS network on May 10, 2012. Benchmark: Reference Stations NJI2, NJNT, NYBP, NYBR and NYVH. On-site benchmarks have been set.  
 7. Significant observations and notes:  
 Lot and Block information is for reference only and does not necessarily indicate that property, boundary, or lot lines have been surveyed relative to this well.

**SECTION D. LAND SURVEYOR'S CERTIFICATION**

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SEAL

Professional Land Surveyor's Signature: [Signature] Date: 8/10/2020  
 Surveyor's Name: John D. Beattie License Number: 24GS04331900  
 Firm Name: Borbas Surveying & Mapping, LLC Certificate of Authorization #: 24GA28056200  
 Mailing Address: 402 Main Street  
 City/Town: Boonton State: New Jersey Zip Code: 07005  
 Phone Number: 973-316-8743 Ext: \_\_\_\_\_ Fax: 973-402-6627



**New Jersey Department of Environmental Protection**  
Site Remediation Program

**Monitoring Well Certification Form B - Location Certification**

Date Stamp  
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**SECTION A. SITE NAME AND LOCATION**

Site Name: Garfield Avenue Group Chrome Sites (PPG)  
 List all AKAs: PPG Site 114  
 Street Address: Garfield Avenue and Carteret Avenue  
 Municipality: City of Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG Industries  
 2. Well Location (Street Address) Garfield Avenue and Carteret Avenue, Jersey City, NJ  
 3. Well Location (Municipal Block and Lot) Block # 21501 Lot # 17

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing): E202002937  
 2. Site Well Number (As shown on application or plans): 114-MW64C  
 3. Geographic Coordinate NAD 83 to nearest 1/100 of a second:  
 Latitude: North 40°42'28.15" Longitude: West 74°04'11.33"  
 4. New Jersey State Plane Coordinates NAD 83 datum, US survey feet units, to nearest foot:  
 North 683046.0 East 611381.9  
 5. Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 12.30  
 Elevation of Top of Outer Casing: 12.98 Elevation of Ground: 10.8  
 Check one:  NAVD 88  NGVD29  On Site Datum  Other  
 6. Source of elevation datum (benchmark, number/description and elevation/datum). If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation (referencing NAVD 88).  
 The vertical datum is the North American Vertical Datum of 1988 (NAVD88) GEOID09 verified by differential GPS observations from the NGS CORS network on May 10, 2012. Benchmark: Reference Stations NJI2, NJNT, NYBP, NYBR and NYVH. On-site benchmarks have been set.  
 7. Significant observations and notes:  
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**SECTION D. LAND SURVEYOR'S CERTIFICATION**

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SEAL

Professional Land Surveyor's Signature: \_\_\_\_\_ Date: 8/10/2020  
 Surveyor's Name: John D. Beattie License Number: 24GS04331900  
 Firm Name: Borbos Surveying & Mapping, LLC Certificate of Authorization #: 24GA28056200  
 Mailing Address: 402 Main Street  
 City/Town: Boonton State: New Jersey Zip Code: 07005  
 Phone Number: 973-316-8743 Ext: \_\_\_\_\_ Fax: 973-402-6627



**New Jersey Department of Environmental Protection**  
 Site Remediation Program

**Monitoring Well Certification Form B - Location Certification**

Date Stamp  
 (For Department use only)

**SECTION A. SITE NAME AND LOCATION**

Site Name: Garfield Avenue Group Chrome Sites (PPG)  
 List all AKAs: PPG Site 114  
 Street Address: Garfield Avenue and Carteret Avenue  
 Municipality: City of Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG Industries  
 2. Well Location (Street Address) Garfield Avenue and Carteret Avenue, Jersey City, NJ  
 3. Well Location (Municipal Block and Lot) Block # 21501 Lot # 18

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing): E202110646  
 2. Site Well Number (As shown on application or plans): MW-66D  
 3. Geographic Coordinate NAD 83 to nearest 1/100 of a second:  
 Latitude: North 40°42'31.90" Longitude: West 74°04'17.03"  
 4. New Jersey State Plane Coordinates NAD 83 datum, US survey feet units, to nearest foot:  
 North 683423.4 East 610941.2  
 5. Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 16.20  
 Elevation of Top of Outer Casing: 16.75 Elevation of Ground: 13.9  
 Check one:  NAVD 88  NGVD29  On Site Datum  Other  
 6. Source of elevation datum (benchmark, number/description and elevation/datum). If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation (referencing NAVD 88).  
 The vertical datum is the North American Vertical Datum of 1988 (NAVD88) GEOID09 verified by differential GPS observations from the NGS CORS network on May 10, 2012. On site control points used: Spike and Tag in the face of the retaining wall for the railroad at the north end of Site 114, Elev=18.02'.  
 7. Significant observations and notes:  
 Lot and Block information are for reference only and do not indicate that this well was surveyed in relation to property boundary lines.

**SECTION D. LAND SURVEYOR'S CERTIFICATION**

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Professional Land Surveyor's Signature: \_\_\_\_\_ Date: 12/13/2021  
 Surveyor's Name: John D. Beattie License Number: 24GS04331900  
 Firm Name: Borbas Surveying & Mapping, LLC Certificate of Authorization #: 24GA28056200  
 Mailing Address: 402 Main Street  
 City/Town: Boonton State: New Jersey Zip Code: 07005  
 Phone Number: 973-316-8743 Ext: \_\_\_\_\_ Fax: \_\_\_\_\_



**New Jersey Department of Environmental Protection**  
**Site Remediation Program**

**Monitoring Well Certification Form B - Location Certification**

Date Stamp  
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**SECTION A. SITE NAME AND LOCATION**

Site Name: Garfield Avenue Group Chrome Sites (PPG)  
 List all AKAs: PPG Site 114  
 Street Address: Garfield Avenue and Carteret Avenue  
 Municipality: City of Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG Industries  
 2. Well Location (Street Address) Garfield Avenue and Carteret Avenue, Jersey City, NJ  
 3. Well Location (Municipal Block and Lot) Block # 21501 Lot # 19

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing): E202109567  
 2. Site Well Number (As shown on application or plans): MW-71D  
 3. Geographic Coordinate NAD 83 to nearest 1/100 of a second:  
 Latitude: North 40°42'33.78" Longitude: West 74°04'16.84"  
 4. New Jersey State Plane Coordinates NAD 83 datum, US survey feet units, to nearest foot:  
 North 683613.6 East 610955.0  
 5. Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 15.96  
 Elevation of Top of Outer Casing: 16.31 Elevation of Ground: 14.2  
 Check one:  NAVD 88  NGVD29  On Site Datum  Other  
 6. Source of elevation datum (benchmark, number/description and elevation/datum). If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation (referencing NAVD 88).  
 The vertical datum is the North American Vertical Datum of 1988 (NAVD88) GEOID09 verified by differential GPS observations from the NGS CORS network on May 10, 2012. On site control points used: Spike and Tag in the face of the retaining wall for the railroad at the north end of Site 114, Elev=18.02'.  
 7. Significant observations and notes:  
 Lot and Block information are for reference only and do not indicate that this well was surveyed in relation to property boundary lines.

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SEAL

Professional Land Surveyor's Signature: \_\_\_\_\_ Date: 12/13/2021  
 Surveyor's Name: John D. Beattie License Number: 24GS04331900  
 Firm Name: Borbas Surveying & Mapping, LLC Certificate of Authorization #: 24GA28056200  
 Mailing Address: 402 Main Street  
 City/Town: Boonton State: New Jersey Zip Code: 07005  
 Phone Number: 973-316-8743 Ext: \_\_\_\_\_ Fax: \_\_\_\_\_



**New Jersey Department of Environmental Protection**  
 Site Remediation Program

**Monitoring Well Certification Form B - Location Certification**

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**SECTION A. SITE NAME AND LOCATION**

Site Name: Garfield Avenue Group Chrome Sites (PPG)  
 List all AKAs: PPG Site 132  
 Street Address: Garfield Avenue and Carteret Avenue  
 Municipality: City of Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG Industries  
 2. Well Location (Street Address) Garfield Avenue and Carteret Avenue, Jersey City, NJ  
 3. Well Location (Municipal Block and Lot) Block # 21501 Lot # 2

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing): E202109568  
 2. Site Well Number (As shown on application or plans): MW-72D  
 3. Geographic Coordinate NAD 83 to nearest 1/100 of a second:  
 Latitude: North 40°42'28.71" Longitude: West 74°04'18.53"  
 4. New Jersey State Plane Coordinates NAD 83 datum, US survey feet units, to nearest foot:  
 North 683100.2 East 610827.0  
 5. Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 14.41  
 Elevation of Top of Outer Casing: 14.87 Elevation of Ground: 12.3  
 Check one:  NAVD 88  NGVD29  On Site Datum  Other  
 6. Source of elevation datum (benchmark, number/description and elevation/datum). If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation (referencing NAVD 88).  
 The vertical datum is the North American Vertical Datum of 1988 (NAVD88) GEOID09 verified by differential GPS observations from the NGS CORS network on May 10, 2012. On site control points used: Spike and Tag in the face of the retaining wall for the railroad at the north end of Site 114, Elev=18.02'.  
 7. Significant observations and notes:  
 Lot and Block information are for reference only and do not indicate that this well was surveyed in relation to property boundary lines.

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Professional Land Surveyor's Signature: \_\_\_\_\_ Date: 12/13/2021  
 Surveyor's Name: John D. Beattie License Number: 24GS04331900  
 Firm Name: Borbas Surveying & Mapping, LLC Certificate of Authorization #: 24GA28056200  
 Mailing Address: 402 Main Street  
 City/Town: Boonton State: New Jersey Zip Code: 07005  
 Phone Number: 973-316-8743 Ext: \_\_\_\_\_ Fax: \_\_\_\_\_



**New Jersey Department of Environmental Protection**  
Site Remediation Program

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Date Stamp  
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**SECTION A. SITE NAME AND LOCATION**

Site Name: Garfield Avenue Group Chrome Sites (PPG)  
 List all AKAs: PPG Site  
 Street Address: Garfield Avenue and Carteret Avenue  
 Municipality: City of Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG Industries  
 2. Well Location (Street Address) Garfield Avenue and Carteret Avenue, Jersey City, NJ 07305  
 3. Well Location (Municipal Block and Lot) Block # 21501 Lot # 18

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing): E202312362  
 2. Site Well Number (As shown on application or plans): 114-MW73D  
 3. Geographic Coordinate NAD 83 to nearest 1/100 of a second:  
 Latitude: North 40°42'31.47" Longitude: West 74°04'17.35"  
 4. New Jersey State Plane Coordinates NAD 83 datum, US survey feet units, to nearest foot:  
 North 683379.7 East 610916.6  
 5. Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 14.99  
 Elevation of Top of Outer Casing: 14.31 Elevation of Ground: 13.9  
 Check one:  NAVD 88  NGVD29  On Site Datum  Other  
 6. Source of elevation datum (benchmark, number/description and elevation/datum). If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation (referencing NAVD 88).  
 The vertical datum is the North American Vertical Datum of 1988 (NAVD88) GEOID09 verified by differential GPS observations from the NGS CORS Network on May 10, 2012. On-site benchmarks have been set.  
 7. Significant observations and notes:  
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SEAL



Professional Land Surveyor's Signature: [Signature] Date: 1/29/2024  
 Surveyor's Name: John D. Beattie License Number: 24GS04331900  
 Firm Name: Borbos Surveying & Mapping, LLC Certificate of Authorization #: 24GA28056200  
 Mailing Address: 402 Main Street  
 City/Town: Boonton State: New Jersey Zip Code: 07005  
 Phone Number: 973-316-8743 Ext: \_\_\_\_\_ Fax: \_\_\_\_\_



**New Jersey Department of Environmental Protection**  
Site Remediation Program

**Monitoring Well Certification Form B - Location Certification**

Date Stamp  
(For Department use only)

**SECTION A. SITE NAME AND LOCATION**

Site Name: Garfield Avenue Group Chrome Sites (PPG)  
 List all AKAs: PPG Site  
 Street Address: Garfield Avenue and Carteret Avenue  
 Municipality: City of Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG Industries  
 2. Well Location (Street Address) Garfield Avenue and Carteret Avenue, Jersey City, NJ 07305  
 3. Well Location (Municipal Block and Lot) Block # 21501 Lot # 18

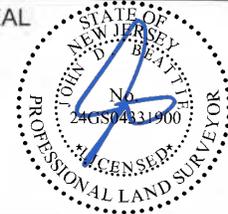
**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing): E202312357  
 2. Site Well Number (As shown on application or plans): 114-MW74D  
 3. Geographic Coordinate NAD 83 to nearest 1/100 of a second:  
 Latitude: North 40°42'32.14" Longitude: West 74°04'17.59"  
 4. New Jersey State Plane Coordinates NAD 83 datum, US survey feet units, to nearest foot:  
 North 683447.6 East 610897.5  
 5. Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 15.23  
 Elevation of Top of Outer Casing: 15.19 Elevation of Ground: 14.2  
 Check one:  NAVD 88  NGVD29  On Site Datum  Other  
 6. Source of elevation datum (benchmark, number/description and elevation/datum). If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation (referencing NAVD 88).  
 The vertical datum is the North American Vertical Datum of 1988 (NAVD88) GEOID09 verified by differential GPS observations from the NGS CORS Network on May 10, 2012. On-site benchmarks have been set.  
 7. Significant observations and notes:  
 Lot and Block information is for reference only and does not necessarily indicate that property, boundary, or lot lines have been surveyed relative to this well.

**SECTION D. LAND SURVEYOR'S CERTIFICATION**

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

SEAL



Professional Land Surveyor's Signature: \_\_\_\_\_ Date: 1/29/2024  
 Surveyor's Name: John D. Beattie License Number: 24GS04331900  
 Firm Name: Borbas Surveying & Mapping, LLC Certificate of Authorization #: 24GA28056200  
 Mailing Address: 402 Main Street  
 City/Town: Boonton State: New Jersey Zip Code: 07005  
 Phone Number: 973-316-8743 Ext: \_\_\_\_\_ Fax: \_\_\_\_\_



**New Jersey Department of Environmental Protection**  
Site Remediation Program

**Monitoring Well Certification Form B - Location Certification**

Date Stamp  
(For Department use only)

**SECTION A. SITE NAME AND LOCATION**

Site Name: Garfield avenue Group Chrome Sites (PPG)  
 List all AKAs: PPG Site 114  
 Street Address: Garfield Avenue and Carteret Avenue  
 Municipality: City of Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG Industries  
 2. Well Location (Street Address) PPG Site 114, Garfield Avenue and Carteret Avenue, Jersey City, NJ 07305  
 3. Well Location (Municipal Block and Lot) Block # 21501 Lot # 2

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing): E202405808  
 2. Site Well Number (As shown on application or plans): 114-MW76D  
 3. Geographic Coordinate NAD 83 to nearest 1/100 of a second:  
 Latitude: North 40°42'27.30" Longitude: West 74°04'19.67"  
 4. New Jersey State Plane Coordinates NAD 83 datum, US survey feet units, to nearest foot:  
 North 682956.5 East 610739.7  
 5. Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 14.90  
 Elevation of Top of Outer Casing: 15.45 Elevation of Ground: 12.0  
 Check one:  NAVD 88  NGVD29  On Site Datum  Other  
 6. Source of elevation datum (benchmark, number/description and elevation/datum). If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation (referencing NAVD 88).  
 The vertical datum is the North America Vertical Datum of 1988 (NAVD88) GEOID09 verified by differential GPS observations from the NGS CORS Network on May 10, 2012. On-site benchmark have been set.  
 7. Significant observations and notes:  
 Lot and Block information is for reference only and does not necessarily indicate that property, boundary, or lot lines have been surveyed relative to this well.

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Professional Land Surveyor's Signature: \_\_\_\_\_ Date: 8/6/2024  
 Surveyor's Name: John D. Beattie License Number: 24GS04331900  
 Firm Name: Borbos Surveying & Mapping, LLC Certificate of Authorization #: 24GA28056200  
 Mailing Address: 402 Main Street  
 City/Town: Boonton State: New Jersey Zip Code: 07005  
 Phone Number: 973-316-8743 Ext: \_\_\_\_\_ Fax: \_\_\_\_\_



**New Jersey Department of Environmental Protection**  
Site Remediation Program

**Monitoring Well Certification Form B - Location Certification**

Date Stamp  
(For Department use only)

**SECTION A. SITE NAME AND LOCATION**

Site Name: Garfield Avenue Group Chrome Sites (PPG)  
 List all AKAs: PPG Site  
 Street Address: Garfield Avenue and Carteret Avenue  
 Municipality: City of Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG Industries  
 2. Well Location (Street Address) Halladay Street ROW, Jersey City, NJ 07305  
 3. Well Location (Municipal Block and Lot)                      Block #                      Lot #                     

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing): E202312353  
 2. Site Well Number (As shown on application or plans): 114-MW75WR  
 3. Geographic Coordinate NAD 83 to nearest 1/100 of a second:  
 Latitude: North 40°42'24.34" Longitude: West 74°04'14.46"  
 4. New Jersey State Plane Coordinates NAD 83 datum, US survey feet units, to nearest foot:  
 North 682659.5 East 611142.9  
 5. Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 11.17  
 Elevation of Top of Outer Casing: 11.52 Elevation of Ground: 11.5  
 Check one:  NAVD 88  NGVD29  On Site Datum  Other  
 6. Source of elevation datum (benchmark, number/description and elevation/datum). If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation (referencing NAVD 88).  
 The vertical datum is the North American Vertical Datum of 1988 (NAVD88) GEOID09 verified by differential GPS observations from the NGS CORS Network on May 10, 2012. On-site benchmarks have been set.  
 7. Significant observations and notes:  
 Lot and Block information is for reference only and does not necessarily indicate that property, boundary, or lot lines have been surveyed relative to this well.

**SECTION D. LAND SURVEYOR'S CERTIFICATION**

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SEAL



Professional Land Surveyor's Signature:  Date: 1/29/2024  
 Surveyor's Name: John D. Beattie License Number: 24GS04331900  
 Firm Name: Borbas Surveying & Mapping, LLC Certificate of Authorization #: 24GA28056200  
 Mailing Address: 402 Main Street  
 City/Town: Boonton State: New Jersey Zip Code: 07005  
 Phone Number: 973-316-8743 Ext: \_\_\_\_\_ Fax: \_\_\_\_\_



**New Jersey Department of Environmental Protection**  
Site Remediation Program

**Monitoring Well Certification Form B - Location Certification**

Date Stamp  
(For Department use only)

**SECTION A. SITE NAME AND LOCATION**

Site Name: Garfield Avenue Group Chrome Sites (PPG)  
 List all AKAs: PPG Site 114  
 Street Address: Garfield Avenue and Carteret Avenue  
 Municipality: City of Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG Industries  
 2. Well Location (Street Address) PPG Site 114, Garfield Avenue and Carteret Avenue, Jersey City, NJ 07305  
 3. Well Location (Municipal Block and Lot) Block # 21501 Lot # 18

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing): E202404422  
 2. Site Well Number (As shown on application or plans): 114-MW76WR  
 3. Geographic Coordinate NAD 83 to nearest 1/100 of a second:  
 Latitude: North 40°42'31.56" Longitude: West 74°04'15.59"  
 4. New Jersey State Plane Coordinates NAD 83 datum, US survey feet units, to nearest foot:  
 North 683389.8 East 611052.1  
 5. Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 13.61  
 Elevation of Top of Outer Casing: 14.00 Elevation of Ground: 14.0  
 Check one:  NAVD 88  NGVD29  On Site Datum  Other  
 6. Source of elevation datum (benchmark, number/description and elevation/datum). If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation (referencing NAVD 88).  
 The vertical datum is the North American Vertical Datum of 1988 (NAVD88) GEOID09 verified by differential GPS observations from the NGS CORS Network on May 10, 2012. On-site benchmarks have been set.  
 7. Significant observations and notes:  
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**SECTION D. LAND SURVEYOR'S CERTIFICATION**

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Professional Land Surveyor's Signature: \_\_\_\_\_ Date: 7/17/2024  
 Surveyor's Name: John D. Beattie License Number: 24GS04331900  
 Firm Name: Borbas Surveying & Mapping, LLC Certificate of Authorization #: 24GA28056200  
 Mailing Address: 402 Main Street  
 City/Town: Boonton State: New Jersey Zip Code: 07005  
 Phone Number: 973-316-8743 Ext: \_\_\_\_\_ Fax: \_\_\_\_\_



**New Jersey Department of Environmental Protection**  
Site Remediation Program

**Monitoring Well Certification Form B - Location Certification**

Date Stamp  
(For Department use only)

**SECTION A. SITE NAME AND LOCATION**

Site Name: Garfield Avenue Group Chrome Sites (PPG)  
 List all AKAs: PPG Site 114  
 Street Address: Garfield Avenue and Carteret Avenue  
 Municipality: City of Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG Industries  
 2. Well Location (Street Address) PPG Site 114, Garfield Avenue and Carteret Avenue, Jersey City, NJ 07305  
 3. Well Location (Municipal Block and Lot) Block # 21501 Lot # 18

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing): E202404423  
 2. Site Well Number (As shown on application or plans): 114-MW77WR  
 3. Geographic Coordinate NAD 83 to nearest 1/100 of a second:  
 Latitude: North 40°42'30.75" Longitude: West 74°04'15.97"  
 4. New Jersey State Plane Coordinates NAD 83 datum, US survey feet units, to nearest foot:  
 North 683307.5 East 611023.4  
 5. Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 13.71  
 Elevation of Top of Outer Casing: 14.19 Elevation of Ground: 14.2  
 Check one:  NAVD 88  NGVD29  On Site Datum  Other  
 6. Source of elevation datum (benchmark, number/description and elevation/datum). If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation (referencing NAVD 88).  
 The vertical datum is the North American Vertical Datum of 1988 (NAVD88) GEOID09 verified by differential GPS observations from the NGS CORS Network on May 10, 2012. On-site benchmarks have been set.  
 7. Significant observations and notes:  
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Professional Land Surveyor's Signature: \_\_\_\_\_ Date: 7/17/2024  
 Surveyor's Name: John D. Beattie License Number: 24GS04331900  
 Firm Name: Borbas Surveying & Mapping, LLC Certificate of Authorization #: 24GA28056200  
 Mailing Address: 402 Main Street  
 City/Town: Boonton State: New Jersey Zip Code: 07005  
 Phone Number: 973-316-8743 Ext: \_\_\_\_\_ Fax: \_\_\_\_\_



**New Jersey Department of Environmental Protection**  
Site Remediation Program

**Monitoring Well Certification Form B - Location Certification**

Date Stamp  
(For Department use only)

**SECTION A. SITE NAME AND LOCATION**

Site Name: Garfield Avenue Group Chrome Sites (PPG)  
 List all AKAs: PPG Site 114  
 Street Address: Garfield Avenue and Carteret Avenue  
 Municipality: City of Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG Industries  
 2. Well Location (Street Address) PPG Site 114, Carteret Avenue R.O.W., Jersey City, NJ 07305  
 3. Well Location (Municipal Block and Lot) Block # \_\_\_\_\_ Lot # \_\_\_\_\_

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing): E202404424  
 2. Site Well Number (As shown on application or plans): 114-MW78WR  
 3. Geographic Coordinate NAD 83 to nearest 1/100 of a second:  
 Latitude: North 40°42'29.15" Longitude: West 74°04'16.55"  
 4. New Jersey State Plane Coordinates NAD 83 datum, US survey feet units, to nearest foot:  
 North 683145.3 East 610979.7  
 5. Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 12.10  
 Elevation of Top of Outer Casing: 12.51 Elevation of Ground: 12.5  
 Check one:  NAVD 88  NGVD29  On Site Datum  Other  
 6. Source of elevation datum (benchmark, number/description and elevation/datum). If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation (referencing NAVD 88).  
 The vertical datum is the North American Vertical Datum of 1988 (NAVD88) GEOID09 verified by differential GPS observations from the NGS CORS Network on May 10, 2012. On-site benchmarks have been set.  
 7. Significant observations and notes:  
 Lot and Block information is for reference only and does not necessarily indicate that property, boundary, or lot lines have been surveyed relative to this well.

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SEAL



Professional Land Surveyor's Signature: \_\_\_\_\_ Date: 7/17/2024  
 Surveyor's Name: John D. Beattie License Number: 24GS04331900  
 Firm Name: Borbas Surveying & Mapping, LLC Certificate of Authorization #: 24GA28056200  
 Mailing Address: 402 Main Street  
 City/Town: Boonton State: New Jersey Zip Code: 07005  
 Phone Number: 973-316-8743 Ext: \_\_\_\_\_ Fax: \_\_\_\_\_



**New Jersey Department of Environmental Protection**  
Site Remediation Program

**Monitoring Well Certification Form B - Location Certification**

Date Stamp  
(For Department use only)

**SECTION A. SITE NAME AND LOCATION**

Site Name: Garfield Avenue Group Chrome Sites (PPG)  
 List all AKAs: PPG Site 114  
 Street Address: Garfield Avenue and Carteret Avenue  
 Municipality: City of Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG Industries  
 2. Well Location (Street Address) PPG Site 114, Garfield Avenue and Carteret Avenue, Jersey City, NJ 07305  
 3. Well Location (Municipal Block and Lot) Block # 21501 Lot # 18

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing): E202404491  
 2. Site Well Number (As shown on application or plans): 114-MW79WR  
 3. Geographic Coordinate NAD 83 to nearest 1/100 of a second:  
 Latitude: North 40°42'32.22" Longitude: West 74°04'17.57"  
 4. New Jersey State Plane Coordinates NAD 83 datum, US survey feet units, to nearest foot:  
 North 683455.9 East 610899.4  
 5. Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 13.93  
 Elevation of Top of Outer Casing: 14.15 Elevation of Ground: 14.2  
 Check one:  NAVD 88  NGVD29  On Site Datum  Other  
 6. Source of elevation datum (benchmark, number/description and elevation/datum). If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation (referencing NAVD 88).  
 The vertical datum is the North American Vertical Datum of 1988 (NAVD88) GEOID09 verified by differential GPS observations from the NGS CORS Network on May 10, 2012. On-site benchmarks have been set.  
 7. Significant observations and notes:  
 Lot and Block information is for reference only and does not necessarily indicate that property, boundary, or lot lines have been surveyed relative to this well.

**SECTION D. LAND SURVEYOR'S CERTIFICATION**

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Professional Land Surveyor's Signature: [Signature] Date: 7/17/2024  
 Surveyor's Name: John D. Beattie License Number: 24GS04331900  
 Firm Name: Borbas Surveying & Mapping, LLC Certificate of Authorization #: 24GA28056200  
 Mailing Address: 402 Main Street  
 City/Town: Boonton State: New Jersey Zip Code: 07005  
 Phone Number: 973-316-8743 Ext: \_\_\_\_\_ Fax: \_\_\_\_\_



**New Jersey Department of Environmental Protection**  
Site Remediation Program

**Monitoring Well Certification Form B - Location Certification**

Date Stamp  
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**SECTION A. SITE NAME AND LOCATION**

Site Name: Garfield Avenue Group Chrome Sites (PPG)  
 List all AKAs: PPG Site 114  
 Street Address: Garfield Avenue and Carteret Avenue  
 Municipality: City of Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG Industries  
 2. Well Location (Street Address) PPG Site 114, Garfield Avenue and Carteret Avenue, Jersey City, NJ 07305  
 3. Well Location (Municipal Block and Lot) Block # 21501 Lot # 18

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing): E202404496  
 2. Site Well Number (As shown on application or plans): 114-MW80WR  
 3. Geographic Coordinate NAD 83 to nearest 1/100 of a second:  
 Latitude: North 40°42'29.01" Longitude: West 74°04'14.60"  
 4. New Jersey State Plane Coordinates NAD 83 datum, US survey feet units, to nearest foot:  
 North 683132.3 East 611129.3  
 5. Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 10.95  
 Elevation of Top of Outer Casing: 11.20 Elevation of Ground: 11.2  
 Check one:  NAVD 88  NGVD29  On Site Datum  Other  
 6. Source of elevation datum (benchmark, number/description and elevation/datum). If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation (referencing NAVD 88).  
 The vertical datum is the North American Vertical Datum of 1988 (NAVD88) GEOID09 verified by differential GPS observations from the NGS CORS Network on May 10, 2012. On-site benchmarks have been set.  
 7. Significant observations and notes:  
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Professional Land Surveyor's Signature: \_\_\_\_\_ Date: 7/17/2024  
 Surveyor's Name: John D. Beattie License Number: 24GS04331900  
 Firm Name: Borbas Surveying & Mapping, LLC Certificate of Authorization #: 24GA28056200  
 Mailing Address: 402 Main Street  
 City/Town: Boonton State: New Jersey Zip Code: 07005  
 Phone Number: 973-316-8743 Ext: \_\_\_\_\_ Fax: \_\_\_\_\_



**New Jersey Department of Environmental Protection**  
 Site Remediation Program

**Monitoring Well Certification Form B - Location Certification**

Date Stamp  
 (For Department use only)

**SECTION A. SITE NAME AND LOCATION**

Site Name: Garfield Avenue Group Chrome Sites (PPG)  
 List all AKAs: PPG Site 114  
 Street Address: Garfield Avenue and Carteret Avenue  
 Municipality: City of Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG Industries  
 2. Well Location (Street Address) PPG Site 114, Garfield Avenue and Carteret Avenue, Jersey City, NJ 07305  
 3. Well Location (Municipal Block and Lot) Block # 21501 Lot # 2

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing): E202411518  
 2. Site Well Number (As shown on application or plans): 114-MW81D  
 3. Geographic Coordinate NAD 83 to nearest 1/100 of a second:  
 Latitude: North 40°42'28.18" Longitude: West 74°04'18.94"  
 4. New Jersey State Plane Coordinates NAD 83 datum, US survey feet units, to nearest foot:  
 North 683046.5 East 610795.9  
 5. Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 15.45  
 Elevation of Top of Outer Casing: 15.82 Elevation of Ground: 12.2  
 Check one:  NAVD 88  NGVD29  On Site Datum  Other  
 6. Source of elevation datum (benchmark, number/description and elevation/datum). If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation (referencing NAVD 88).  
 The vertical datum is the North American Vertical Datum of 1988 (NAVD88) GEOID09 verified by differential GPS observations from the Leica Smartnet Network on May 10, 2012. On site benchmarks have been set.  
 7. Significant observations and notes:  
 Lot and Block information is for reference only and does not necessarily indicate that property, boundary, or lot lines have been surveyed relative to this well.

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SEAL



Professional Land Surveyor's Signature: [Signature] Date: 12/17/2024  
 Surveyor's Name: John D. Beattie License Number: 24GS04331900  
 Firm Name: Borbas Surveying & Mapping, LLC Certificate of Authorization #: 24GA28056200  
 Mailing Address: 402 Main Street  
 City/Town: Boonton State: New Jersey Zip Code: 07005  
 Phone Number: 973-316-8743 Ext: \_\_\_\_\_ Fax: \_\_\_\_\_



**New Jersey Department of Environmental Protection**  
Site Remediation Program

**Monitoring Well Certification Form B - Location Certification**

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**SECTION A. SITE NAME AND LOCATION**

Site Name: Garfield Avenue Group Chrome Sites (PPG)  
 List all AKAs: PPG Site 114  
 Street Address: Garfield Avenue and Carteret Avenue  
 Municipality: City of Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG Industries  
 2. Well Location (Street Address) PPG Site 114, Garfield Avenue and Carteret Avenue, Jersey City, NJ 07305  
 3. Well Location (Municipal Block and Lot) Block # 21501 Lot # 18

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing): E202404320  
 2. Site Well Number (As shown on application or plans): 114-PW-01WR  
 3. Geographic Coordinate NAD 83 to nearest 1/100 of a second:  
 Latitude: North 40°42'32.10" Longitude: West 74°04'17.46"  
 4. New Jersey State Plane Coordinates NAD 83 datum, US survey feet units, to nearest foot:  
 North 683443.7 East 610908.2  
 5. Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 17.43(\*)  
 Elevation of Top of Outer Casing: 16.92 Elevation of Ground: 13.9  
 Check one:  NAVD 88  NGVD29  On Site Datum  Other  
 6. Source of elevation datum (benchmark, number/description and elevation/datum). If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation (referencing NAVD 88).  
 The vertical datum is the North American Vertical Datum of 1988 (NAVD88) GEOID09 verified by differential GPS observations from the NGS CORS Network on May 10, 2012. On-site benchmarks have been set.  
 7. Significant observations and notes:  
 Lot and Block information is for reference only and does not necessarily indicate that property, boundary, or lot lines have been surveyed relative to this well. Elevations for inner casings denoted with an (\*) were measured to the top of the "T" in the attachments affixed to the top of inner casings, as shown in the photo on the monitoring well chart.

**SECTION D. LAND SURVEYOR'S CERTIFICATION**

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

SEAL



Professional Land Surveyor's Signature: \_\_\_\_\_ Date: 7/17/2024  
 Surveyor's Name: John D. Beattie License Number: 24GS04331900  
 Firm Name: Borbis Surveying & Mapping, LLC Certificate of Authorization #: 24GA28056200  
 Mailing Address: 402 Main Street  
 City/Town: Boonton State: New Jersey Zip Code: 07005  
 Phone Number: 973-316-8743 Ext: \_\_\_\_\_ Fax: \_\_\_\_\_



**New Jersey Department of Environmental Protection**  
Site Remediation Program

**Monitoring Well Certification Form B - Location Certification**

Date Stamp  
(For Department use only)

**SECTION A. SITE NAME AND LOCATION**

Site Name: Garfield Avenue Group Chrome Sites (PPG)  
 List all AKAs: PPG Site 114  
 Street Address: Garfield Avenue and Carteret Avenue  
 Municipality: City of Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG Industries  
 2. Well Location (Street Address) PPG Site 114, Garfield Avenue and Carteret Avenue, Jersey City, NJ 07305  
 3. Well Location (Municipal Block and Lot) Block # 21501 Lot # 18

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing): E202404322  
 2. Site Well Number (As shown on application or plans): 114-PW-02WR  
 3. Geographic Coordinate NAD 83 to nearest 1/100 of a second:  
 Latitude: North 40°42'32.52" Longitude: West 74°04'17.12"  
 4. New Jersey State Plane Coordinates NAD 83 datum, US survey feet units, to nearest foot:  
 North 683486.3 East 610933.8  
 5. Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 18.25(\*)  
 Elevation of Top of Outer Casing: 17.74 Elevation of Ground: 14.9  
 Check one:  NAVD 88  NGVD29  On Site Datum  Other  
 6. Source of elevation datum (benchmark, number/description and elevation/datum). If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation (referencing NAVD 88).  
 The vertical datum is the North American Vertical Datum of 1988 (NAVD88) GEOID09 verified by differential GPS observations from the NGS CORS Network on May 10, 2012. On-site benchmarks have been set.  
 7. Significant observations and notes:  
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Professional Land Surveyor's Signature: \_\_\_\_\_ Date: 7/17/2024  
 Surveyor's Name: John D. Beattie License Number: 24GS04331900  
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**New Jersey Department of Environmental Protection**  
Site Remediation Program

**Monitoring Well Certification Form B - Location Certification**

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**SECTION A. SITE NAME AND LOCATION**

Site Name: Garfield Avenue Group Chrome Sites (PPG)  
 List all AKAs: PPG Site 114  
 Street Address: Garfield Avenue and Carteret Avenue  
 Municipality: City of Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG Industries  
 2. Well Location (Street Address) PPG Site 114, Garfield Avenue and Carteret Avenue, Jersey City, NJ 07305  
 3. Well Location (Municipal Block and Lot) Block # 21501 Lot # 18

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing): E202404324  
 2. Site Well Number (As shown on application or plans): 114-PW-03WR  
 3. Geographic Coordinate NAD 83 to nearest 1/100 of a second:  
 Latitude: North 40°42'32.95" Longitude: West 74°04'16.80"  
 4. New Jersey State Plane Coordinates NAD 83 datum, US survey feet units, to nearest foot:  
 North 683529.8 East 610958.5  
 5. Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 18.14(\*)  
 Elevation of Top of Outer Casing: 17.78 Elevation of Ground: 14.9  
 Check one:  NAVD 88  NGVD29  On Site Datum  Other  
 6. Source of elevation datum (benchmark, number/description and elevation/datum). If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation (referencing NAVD 88).  
 The vertical datum is the North American Vertical Datum of 1988 (NAVD88) GEOID09 verified by differential GPS observations from the NGS CORS Network on May 10, 2012. On-site benchmarks have been set.  
 7. Significant observations and notes:  
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**New Jersey Department of Environmental Protection**  
Site Remediation Program

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**SECTION A. SITE NAME AND LOCATION**

Site Name: Garfield Avenue Group Chrome Sites (PPG)  
 List all AKAs: PPG Site 114  
 Street Address: Garfield Avenue and Carteret Avenue  
 Municipality: City of Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG Industries  
 2. Well Location (Street Address) PPG Site 114, Garfield Avenue and Carteret Avenue, Jersey City, NJ 07305  
 3. Well Location (Municipal Block and Lot) Block # 21501 Lot # 18

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing): E202404492  
 2. Site Well Number (As shown on application or plans): 114-PW-04WR  
 3. Geographic Coordinate NAD 83 to nearest 1/100 of a second:  
 Latitude: North 40°42'32.18" Longitude: West 74°04'14.34"  
 4. New Jersey State Plane Coordinates NAD 83 datum, US survey feet units, to nearest foot:  
 North 683452.9 East 611148.4  
 5. Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 17.43(\*)  
 Elevation of Top of Outer Casing: 16.97 Elevation of Ground: 14.0  
 Check one:  NAVD 88  NGVD29  On Site Datum  Other  
 6. Source of elevation datum (benchmark, number/description and elevation/datum). If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation (referencing NAVD 88).  
 The vertical datum is the North American Vertical Datum of 1988 (NAVD88) GEOID09 verified by differential GPS observations from the NGS CORS Network on May 10, 2012. On-site benchmarks have been set.  
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Site Remediation Program

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**SECTION A. SITE NAME AND LOCATION**

Site Name: Garfield Avenue Group Chrome Sites (PPG)  
 List all AKAs: PPG Site 114  
 Street Address: Garfield Avenue and Carteret Avenue  
 Municipality: City of Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG Industries  
 2. Well Location (Street Address) PPG Site 114, Garfield Avenue and Carteret Avenue, Jersey City, NJ 07305  
 3. Well Location (Municipal Block and Lot) Block # 21501 Lot # 18

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing): E202404427  
 2. Site Well Number (As shown on application or plans): 114-PW-05WR  
 3. Geographic Coordinate NAD 83 to nearest 1/100 of a second:  
 Latitude: North 40°42'31.66" Longitude: West 74°04'17.74"  
 4. New Jersey State Plane Coordinates NAD 83 datum, US survey feet units, to nearest foot:  
 North 683398.9 East 610886.6  
 5. Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 17.43(\*)  
 Elevation of Top of Outer Casing: 16.90 Elevation of Ground: 14.0  
 Check one:  NAVD 88  NGVD29  On Site Datum  Other  
 6. Source of elevation datum (benchmark, number/description and elevation/datum). If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation (referencing NAVD 88).  
 The vertical datum is the North American Vertical Datum of 1988 (NAVD88) GEOID09 verified by differential GPS observations from the NGS CORS Network on May 10, 2012. On-site benchmarks have been set.  
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Site Remediation Program

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**SECTION A. SITE NAME AND LOCATION**

Site Name: Garfield Avenue Group Chrome Sites (PPG)  
 List all AKAs: PPG Site 114  
 Street Address: Garfield Avenue and Carteret Avenue  
 Municipality: City of Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG Industries  
 2. Well Location (Street Address) PPG Site 114, Garfield Avenue and Carteret Avenue, Jersey City, NJ 07305  
 3. Well Location (Municipal Block and Lot) Block # 21501 Lot # 18

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing): E202404425  
 2. Site Well Number (As shown on application or plans): 114-PW-06WR  
 3. Geographic Coordinate NAD 83 to nearest 1/100 of a second:  
 Latitude: North 40°42'30.80" Longitude: West 74°04'17.63"  
 4. New Jersey State Plane Coordinates NAD 83 datum, US survey feet units, to nearest foot:  
 North 683311.6 East 610895.7  
 5. Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 17.46(\*)  
 Elevation of Top of Outer Casing: 16.93 Elevation of Ground: 14.0  
 Check one:  NAVD 88  NGVD29  On Site Datum  Other  
 6. Source of elevation datum (benchmark, number/description and elevation/datum). If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation (referencing NAVD 88).  
 The vertical datum is the North American Vertical Datum of 1988 (NAVD88) GEOID09 verified by differential GPS observations from the NGS CORS Network on May 10, 2012. On-site benchmarks have been set.  
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Professional Land Surveyor's Signature: \_\_\_\_\_ Date: 7/17/2024  
 Surveyor's Name: John D. Beattie License Number: 24GS04331900  
 Firm Name: Borbas Surveying & Mapping, LLC Certificate of Authorization #: 24GA28056200  
 Mailing Address: 402 Main Street  
 City/Town: Boonton State: New Jersey Zip Code: 07005  
 Phone Number: 973-316-8743 Ext: \_\_\_\_\_ Fax: \_\_\_\_\_



**New Jersey Department of Environmental Protection**  
Site Remediation Program

**Monitoring Well Certification Form B - Location Certification**

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**SECTION A. SITE NAME AND LOCATION**

Site Name: Garfield Avenue Group Chrome Sites (PPG)  
 List all AKAs: PPG Site 114  
 Street Address: Garfield Avenue and Carteret Avenue  
 Municipality: City of Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG Industries  
 2. Well Location (Street Address) PPG Site 114, Garfield Avenue and Carteret Avenue, Jersey City, NJ 07305  
 3. Well Location (Municipal Block and Lot) Block # 21501 Lot # 18

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing): E202404426  
 2. Site Well Number (As shown on application or plans): 114-PW-07WR  
 3. Geographic Coordinate NAD 83 to nearest 1/100 of a second:  
 Latitude: North 40°42'29.98" Longitude: West 74°04'17.27"  
 4. New Jersey State Plane Coordinates NAD 83 datum, US survey feet units, to nearest foot:  
 North 683228.8 East 610923.2  
 5. Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 18.12(\*)  
 Elevation of Top of Outer Casing: 17.57 Elevation of Ground: 14.8  
 Check one:  NAVD 88  NGVD29  On Site Datum  Other  
 6. Source of elevation datum (benchmark, number/description and elevation/datum). If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation (referencing NAVD 88).  
 The vertical datum is the North American Vertical Datum of 1988 (NAVD88) GEOID09 verified by differential GPS observations from the NGS CORS Network on May 10, 2012. On-site benchmarks have been set.  
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Professional Land Surveyor's Signature: [Signature] Date: 7/17/2024  
 Surveyor's Name: John D. Beattie License Number: 24GS04331900  
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**New Jersey Department of Environmental Protection**  
Site Remediation Program

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**SECTION A. SITE NAME AND LOCATION**

Site Name: Garfield Avenue Group Chrome Sites (PPG)  
 List all AKAs: PPG Site 114  
 Street Address: Garfield Avenue and Carteret Avenue  
 Municipality: City of Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG Industries  
 2. Well Location (Street Address) PPG Site 114, Garfield Avenue and Carteret Avenue, Jersey City, NJ 07305  
 3. Well Location (Municipal Block and Lot) Block # 21501 Lot # 18

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing): E202404494  
 2. Site Well Number (As shown on application or plans): 114-PW-09WR  
 3. Geographic Coordinate NAD 83 to nearest 1/100 of a second:  
 Latitude: North 40°42'29.52" Longitude: West 74°04'14.98"  
 4. New Jersey State Plane Coordinates NAD 83 datum, US survey feet units, to nearest foot:  
 North 683183.2 East 611100.4  
 5. Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 15.61(\*)  
 Elevation of Top of Outer Casing: 15.12 Elevation of Ground: 12.4  
 Check one:  NAVD 88  NGVD29  On Site Datum  Other  
 6. Source of elevation datum (benchmark, number/description and elevation/datum). If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation (referencing NAVD 88).  
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Site Remediation Program

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**SECTION A. SITE NAME AND LOCATION**

Site Name: Garfield Avenue Group Chrome Sites (PPG)  
 List all AKAs: PPG Site 114  
 Street Address: Garfield Avenue and Carteret Avenue  
 Municipality: City of Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG Industries  
 2. Well Location (Street Address) PPG Site 114, Garfield Avenue and Carteret Avenue, Jersey City, NJ 07305  
 3. Well Location (Municipal Block and Lot) Block # 21501 Lot # 18

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing): E202404495  
 2. Site Well Number (As shown on application or plans): 114-PW-10WR  
 3. Geographic Coordinate NAD 83 to nearest 1/100 of a second:  
 Latitude: North 40°42'30.29" Longitude: West 74°04'14.56"  
 4. New Jersey State Plane Coordinates NAD 83 datum, US survey feet units, to nearest foot:  
 North 683261.0 East 611132.3  
 5. Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 15.96(\*)  
 Elevation of Top of Outer Casing: 15.38 Elevation of Ground: 12.6  
 Check one:  NAVD 88  NGVD29  On Site Datum  Other  
 6. Source of elevation datum (benchmark, number/description and elevation/datum). If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation (referencing NAVD 88).  
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**SECTION A. SITE NAME AND LOCATION**

Site Name: Garfield Avenue Group Chrome Sites (PPG)  
 List all AKAs: PPG Site 114  
 Street Address: Garfield Avenue and Carteret Avenue  
 Municipality: City of Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG Industries  
 2. Well Location (Street Address) Garfield Avenue and Carteret Avenue, Jersey City, NJ  
 3. Well Location (Municipal Block and Lot) Block # 21501 Lot # 19

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing): E202110385  
 2. Site Well Number (As shown on application or plans): 114-PZ-52-D  
 3. Geographic Coordinate NAD 83 to nearest 1/100 of a second:  
 Latitude: North 40°42'33.07" Longitude: West 74°04'15.44"  
 4. New Jersey State Plane Coordinates NAD 83 datum, US survey feet units, to nearest foot:  
 North 683542.0 East 611063.0  
 5. Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 15.89  
 Elevation of Top of Outer Casing: 16.64 Elevation of Ground: 13.9  
 Check one:  NAVD 88  NGVD29  On Site Datum  Other  
 6. Source of elevation datum (benchmark, number/description and elevation/datum). If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation (referencing NAVD 88).  
 The vertical datum is the North American Vertical Datum of 1988 (NAVD88) GEOID09 verified by differential GPS observations from the NGS CORS network on May 10, 2012. On site control points used: Spike and Tag in the face of the retaining wall for the railroad at the north end of Site 114, Elev=18.02'.  
 7. Significant observations and notes:  
 The inner casing measured above is one port of a multi-port well. Lot and Block information are for reference only and do not indicate that this well was surveyed in relation to property boundary lines.

**SECTION D. LAND SURVEYOR'S CERTIFICATION**

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

SEAL

Professional Land Surveyor's Signature: [Signature] Date: 12/13/2021  
 Surveyor's Name: John D. Beattie License Number: 24GS04331900  
 Firm Name: Borbos Surveying & Mapping, LLC Certificate of Authorization #: 24GA28056200  
 Mailing Address: 402 Main Street  
 City/Town: Boonton State: New Jersey Zip Code: 07005  
 Phone Number: 973-316-8743 Ext: \_\_\_\_\_ Fax: \_\_\_\_\_



**New Jersey Department of Environmental Protection**  
 Site Remediation Program

**Monitoring Well Certification Form B - Location Certification**

Date Stamp  
 (For Department use only)

**SECTION A. SITE NAME AND LOCATION**

Site Name: Garfield Avenue Group Chrome Sites (PPG)  
 List all AKAs: PPG Site 114  
 Street Address: Garfield Avenue and Carteret Avenue  
 Municipality: City of Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG Industries  
 2. Well Location (Street Address) Garfield Avenue and Carteret Avenue, Jersey City, NJ  
 3. Well Location (Municipal Block and Lot) Block # 21501 Lot # 19

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing): E202110384  
 2. Site Well Number (As shown on application or plans): 114-PZ-52-I  
 3. Geographic Coordinate NAD 83 to nearest 1/100 of a second:  
 Latitude: North 40°42'33.07" Longitude: West 74°04'15.44"  
 4. New Jersey State Plane Coordinates NAD 83 datum, US survey feet units, to nearest foot:  
 North 683542.0 East 611063.0  
 5. Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 15.99  
 Elevation of Top of Outer Casing: 16.64 Elevation of Ground: 13.9  
 Check one:  NAVD 88  NGVD29  On Site Datum  Other  
 6. Source of elevation datum (benchmark, number/description and elevation/datum). If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation (referencing NAVD 88).  
 The vertical datum is the North American Vertical Datum of 1988 (NAVD88) GEOID09 verified by differential GPS observations from the NGS CORS network on May 10, 2012. On site control points used: Spike and Tag in the face of the retaining wall for the railroad at the north end of Site 114, Elev=18.02'.  
 7. Significant observations and notes:  
 The inner casing measured above is one port of a multi-port well. Lot and Block information are for reference only and do not indicate that this well was surveyed in relation to property boundary lines.

**SECTION D. LAND SURVEYOR'S CERTIFICATION**

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

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Professional Land Surveyor's Signature: [Signature] Date: 12/13/2021  
 Surveyor's Name: John D. Beattie License Number: 24GS04331900  
 Firm Name: Borbos Surveying & Mapping, LLC Certificate of Authorization #: 24GA28056200  
 Mailing Address: 402 Main Street  
 City/Town: Boonton State: New Jersey Zip Code: 07005  
 Phone Number: 973-316-8743 Ext: \_\_\_\_\_ Fax: \_\_\_\_\_



**New Jersey Department of Environmental Protection**  
Site Remediation Program

**Monitoring Well Certification Form B - Location Certification**

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**SECTION A. SITE NAME AND LOCATION**

Site Name: Garfield Avenue Group Chrome Sites (PPG)  
 List all AKAs: PPG Site 114  
 Street Address: Garfield Avenue and Carteret Avenue  
 Municipality: City of Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG Industries  
 2. Well Location (Street Address) Garfield Avenue and Carteret Avenue, Jersey City, NJ  
 3. Well Location (Municipal Block and Lot) Block # 21501 Lot # 19

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing): E202109828  
 2. Site Well Number (As shown on application or plans): 114-PZ-52-WR  
 3. Geographic Coordinate NAD 83 to nearest 1/100 of a second:  
 Latitude: North 40°42'33.07" Longitude: West 74°04'15.44"  
 4. New Jersey State Plane Coordinates NAD 83 datum, US survey feet units, to nearest foot:  
 North 683542.0 East 611063.0  
 5. Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 15.93  
 Elevation of Top of Outer Casing: 16.64 Elevation of Ground: 13.9  
 Check one:  NAVD 88  NGVD29  On Site Datum  Other  
 6. Source of elevation datum (benchmark, number/description and elevation/datum). If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation (referencing NAVD 88).  
 The vertical datum is the North American Vertical Datum of 1988 (NAVD88) GEOID09 verified by differential GPS observations from the NGS CORS network on May 10, 2012. On site control points used: Spike and Tag in the face of the retaining wall for the railroad at the north end of Site 114, Elev=18.02'.  
 7. Significant observations and notes:  
 The inner casing measured above is one port of a multi-port well. Lot and Block information are for reference only and do not indicate that this well was surveyed in relation to property boundary lines.

**SECTION D. LAND SURVEYOR'S CERTIFICATION**

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 Surveyor's Name: John D. Beattie License Number: 24GS04331900  
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 City/Town: Boonton State: New Jersey Zip Code: 07005  
 Phone Number: 973-316-8743 Ext: \_\_\_\_\_ Fax: \_\_\_\_\_



**New Jersey Department of Environmental Protection**  
 Site Remediation Program

**Monitoring Well Certification Form B - Location Certification**

Date Stamp  
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**SECTION A. SITE NAME AND LOCATION**

Site Name: Garfield Avenue Group Chrome Sites (PPG)  
 List all AKAs: PPG Site 114  
 Street Address: Garfield Avenue and Carteret Avenue  
 Municipality: City of Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG Industries  
 2. Well Location (Street Address) Garfield Avenue and Carteret Avenue, Jersey City, NJ  
 3. Well Location (Municipal Block and Lot) Block # 21501 Lot # 18

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing): E202109829  
 2. Site Well Number (As shown on application or plans): 114-PZ-57-D  
 3. Geographic Coordinate NAD 83 to nearest 1/100 of a second:  
 Latitude: North 40°42'29.93" Longitude: West 74°04'17.28"  
 4. New Jersey State Plane Coordinates NAD 83 datum, US survey feet units, to nearest foot:  
 North 683223.4 East 610922.5  
 5. Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 16.39  
 Elevation of Top of Outer Casing: 16.89 Elevation of Ground: 14.4  
 Check one:  NAVD 88  NGVD29  On Site Datum  Other  
 6. Source of elevation datum (benchmark, number/description and elevation/datum). If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation (referencing NAVD 88).  
 The vertical datum is the North American Vertical Datum of 1988 (NAVD88) GEOID09 verified by differential GPS observations from the NGS CORS network on May 10, 2012. On site control points used: Spike and Tag in the face of the retaining wall for the railroad at the north end of Site 114. Elev=18.02'.  
 7. Significant observations and notes:  
 The inner casing measured above is one port of a multi-port well. Lot and Block information are for reference only and do not indicate that this well was surveyed in relation to property boundary lines.

**SECTION D. LAND SURVEYOR'S CERTIFICATION**

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Professional Land Surveyor's Signature: [Signature] Date: 12/13/2021  
 Surveyor's Name: John D. Beattie License Number: 24GS04331900  
 Firm Name: Borbass Surveying & Mapping, LLC Certificate of Authorization #: 24GA28056200  
 Mailing Address: 402 Main Street  
 City/Town: Boonton State: New Jersey Zip Code: 07005  
 Phone Number: 973-316-8743 Ext: \_\_\_\_\_ Fax: \_\_\_\_\_



**New Jersey Department of Environmental Protection**  
 Site Remediation Program

**Monitoring Well Certification Form B - Location Certification**

Date Stamp  
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**SECTION A. SITE NAME AND LOCATION**

Site Name: Garfield Avenue Group Chrome Sites (PPG)  
 List all AKAs: PPG Site 114  
 Street Address: Garfield Avenue and Carteret Avenue  
 Municipality: City of Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG Industries  
 2. Well Location (Street Address) Garfield Avenue and Carteret Avenue, Jersey City, NJ  
 3. Well Location (Municipal Block and Lot) Block # 21501 Lot # 18

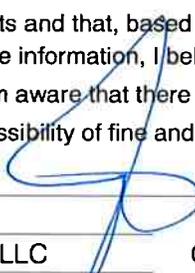
**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing): E202110386  
 2. Site Well Number (As shown on application or plans): 114-PZ-57-I  
 3. Geographic Coordinate NAD 83 to nearest 1/100 of a second:  
 Latitude: North 40°42'29.93" Longitude: West 74°04'17.28"  
 4. New Jersey State Plane Coordinates NAD 83 datum, US survey feet units, to nearest foot:  
 North 683223.4 East 610922.5  
 5. Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 16.13  
 Elevation of Top of Outer Casing: 16.89 Elevation of Ground: 14.4  
 Check one:  NAVD 88  NGVD29  On Site Datum  Other  
 6. Source of elevation datum (benchmark, number/description and elevation/datum). If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation (referencing NAVD 88).  
 The vertical datum is the North American Vertical Datum of 1988 (NAVD88) GEOID09 verified by differential GPS observations from the NGS CORS network on May 10, 2012. On site control points used: Spike and Tag in the face of the retaining wall for the railroad at the north end of Site 114, Elev=18.02'.  
 7. Significant observations and notes:  
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**SECTION D. LAND SURVEYOR'S CERTIFICATION**

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Professional Land Surveyor's Signature:  Date: 12/13/2021  
 Surveyor's Name: John D. Beattie License Number: 24GS04331900  
 Firm Name: Borbas Surveying & Mapping, LLC Certificate of Authorization #: 24GA28056200  
 Mailing Address: 402 Main Street  
 City/Town: Boonton State: New Jersey Zip Code: 07005  
 Phone Number: 973-316-8743 Ext: \_\_\_\_\_ Fax: \_\_\_\_\_



**New Jersey Department of Environmental Protection**  
Site Remediation Program

**Monitoring Well Certification Form B - Location Certification**

Date Stamp  
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**SECTION A. SITE NAME AND LOCATION**

Site Name: Garfield Avenue Group Chrome Sites (PPG)  
 List all AKAs: PPG Site 114  
 Street Address: Garfield Avenue and Carteret Avenue  
 Municipality: City of Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG Industries  
 2. Well Location (Street Address) Garfield Avenue and Carteret Avenue, Jersey City, NJ  
 3. Well Location (Municipal Block and Lot) Block # 21501 Lot # 18

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing): E202110387  
 2. Site Well Number (As shown on application or plans): 114-PZ-57-T  
 3. Geographic Coordinate NAD 83 to nearest 1/100 of a second:  
 Latitude: North 40°42'29.93" Longitude: West 74°04'17.28"  
 4. New Jersey State Plane Coordinates NAD 83 datum, US survey feet units, to nearest foot:  
 North 683223.4 East 610922.5  
 5. Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 16.42  
 Elevation of Top of Outer Casing: 16.89 Elevation of Ground: 14.4  
 Check one:  NAVD 88  NGVD29  On Site Datum  Other  
 6. Source of elevation datum (benchmark, number/description and elevation/datum). If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation (referencing NAVD 88).  
 The vertical datum is the North American Vertical Datum of 1988 (NAVD88) GEOID09 verified by differential GPS observations from the NGS CORS network on May 10, 2012. On site control points used: Spike and Tag in the face of the retaining wall for the railroad at the north end of Site 114, Elev=18.02'.  
 7. Significant observations and notes:  
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**SECTION D. LAND SURVEYOR'S CERTIFICATION**

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SEAL

Professional Land Surveyor's Signature: \_\_\_\_\_ Date: 12/13/2021  
 Surveyor's Name: John D. Beattie License Number: 24GS04331900  
 Firm Name: Borbas Surveying & Mapping, LLC Certificate of Authorization #: 24GA28056200  
 Mailing Address: 402 Main Street  
 City/Town: Boonton State: New Jersey Zip Code: 07005  
 Phone Number: 973-316-8743 Ext: \_\_\_\_\_ Fax: \_\_\_\_\_



**New Jersey Department of Environmental Protection**  
 Site Remediation Program

**Monitoring Well Certification Form B - Location Certification**

Date Stamp  
 (For Department use only)

**SECTION A. SITE NAME AND LOCATION**

Site Name: Garfield Avenue Group Chrome Sites (PPG)  
 List all AKAs: PPG Site 114  
 Street Address: Garfield Avenue and Carteret Avenue  
 Municipality: City of Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG Industries  
 2. Well Location (Street Address) Garfield Avenue and Carteret Avenue, Jersey City, NJ  
 3. Well Location (Municipal Block and Lot) Block # 21501 Lot # 18

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing): E202110391  
 2. Site Well Number (As shown on application or plans): 114-PZ-66-D  
 3. Geographic Coordinate NAD 83 to nearest 1/100 of a second:  
 Latitude: North 40°42'31.97" Longitude: West 74°04'17.18"  
 4. New Jersey State Plane Coordinates NAD 83 datum, US survey feet units, to nearest foot:  
 North 683430.2 East 610929.9  
 5. Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 16.15  
 Elevation of Top of Outer Casing: 16.75 Elevation of Ground: 13.9  
 Check one:  NAVD 88  NGVD29  On Site Datum  Other  
 6. Source of elevation datum (benchmark, number/description and elevation/datum). If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation (referencing NAVD 88).  
 The vertical datum is the North American Vertical Datum of 1988 (NAVD88) GEOID09 verified by differential GPS observations from the NGS CORS network on May 10, 2012. On site control points used: Spike and Tag in the face of the retaining wall for the railroad at the north end of Site 114, Elev=18.02'.  
 7. Significant observations and notes:  
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**SECTION D. LAND SURVEYOR'S CERTIFICATION**

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Professional Land Surveyor's Signature: [Signature] Date: 12/13/2021  
 Surveyor's Name: John D. Beattie License Number: 24GS04331900  
 Firm Name: Borbos Surveying & Mapping, LLC Certificate of Authorization #: 24GA28056200  
 Mailing Address: 402 Main Street  
 City/Town: Boonton State: New Jersey Zip Code: 07005  
 Phone Number: 973-316-8743 Ext: \_\_\_\_\_ Fax: \_\_\_\_\_



**New Jersey Department of Environmental Protection**  
 Site Remediation Program

**Monitoring Well Certification Form B - Location Certification**

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**SECTION A. SITE NAME AND LOCATION**

Site Name: Garfield Avenue Group Chrome Sites (PPG)  
 List all AKAs: PPG Site 114  
 Street Address: Garfield Avenue and Carteret Avenue  
 Municipality: City of Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG Industries  
 2. Well Location (Street Address) Garfield Avenue and Carteret Avenue, Jersey City, NJ  
 3. Well Location (Municipal Block and Lot) Block # 21501 Lot # 18

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing): E202109830  
 2. Site Well Number (As shown on application or plans): 114-PZ-66-I  
 3. Geographic Coordinate NAD 83 to nearest 1/100 of a second:  
 Latitude: North 40°42'31.97" Longitude: West 74°04'17.18"  
 4. New Jersey State Plane Coordinates NAD 83 datum, US survey feet units, to nearest foot:  
 North 683430.2 East 610929.9  
 5. Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 16.19  
 Elevation of Top of Outer Casing: 16.75 Elevation of Ground: 13.9  
 Check one:  NAVD 88  NGVD29  On Site Datum  Other  
 6. Source of elevation datum (benchmark, number/description and elevation/datum). If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation (referencing NAVD 88).  
 The vertical datum is the North American Vertical Datum of 1988 (NAVD88) GEOID09 verified by differential GPS observations from the NGS CORS network on May 10, 2012. On site control points used: Spike and Tag in the face of the retaining wall for the railroad at the north end of Site 114. Elev=18.02'.  
 7. Significant observations and notes:  
 The inner casing measured above is one port of a multi-port well. Lot and Block information are for reference only and do not indicate that this well was surveyed in relation to property boundary lines.

**SECTION D. LAND SURVEYOR'S CERTIFICATION**

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Professional Land Surveyor's Signature: [Signature] Date: 12/13/2021  
 Surveyor's Name: John D. Beattie License Number: 24GS04331900  
 Firm Name: Borbas Surveying & Mapping, LLC Certificate of Authorization #: 24GA28056200  
 Mailing Address: 402 Main Street  
 City/Town: Boonton State: New Jersey Zip Code: 07005  
 Phone Number: 973-316-8743 Ext: \_\_\_\_\_ Fax: \_\_\_\_\_



**New Jersey Department of Environmental Protection**  
 Site Remediation Program

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**SECTION A. SITE NAME AND LOCATION**

Site Name: Garfield Avenue Group Chrome Sites (PPG)  
 List all AKAs: PPG Site 114  
 Street Address: Garfield Avenue and Carteret Avenue  
 Municipality: City of Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG Industries  
 2. Well Location (Street Address) Garfield Avenue and Carteret Avenue, Jersey City, NJ  
 3. Well Location (Municipal Block and Lot) Block # 21501 Lot # 18

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing): E202110390  
 2. Site Well Number (As shown on application or plans): 114-PZ-66-T  
 3. Geographic Coordinate NAD 83 to nearest 1/100 of a second:  
 Latitude: North 40°42'31.97" Longitude: West 74°04'17.18"  
 4. New Jersey State Plane Coordinates NAD 83 datum, US survey feet units, to nearest foot:  
 North 683430.2 East 610929.9  
 5. Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 16.17  
 Elevation of Top of Outer Casing: 16.75 Elevation of Ground: 13.9  
 Check one:  NAVD 88  NGVD29  On Site Datum  Other  
 6. Source of elevation datum (benchmark, number/description and elevation/datum). If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation (referencing NAVD 88).  
 The vertical datum is the North American Vertical Datum of 1988 (NAVD88) GEOID09 verified by differential GPS observations from the NGS CORS network on May 10, 2012. On site control points used: Spike and Tag in the face of the retaining wall for the railroad at the north end of Site 114. Elev=18.02'.  
 7. Significant observations and notes:  
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 Mailing Address: 402 Main Street  
 City/Town: Boonton State: New Jersey Zip Code: 07005  
 Phone Number: 973-316-8743 Ext: \_\_\_\_\_ Fax: \_\_\_\_\_



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Site Remediation Program

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**SECTION A. SITE NAME AND LOCATION**

Site Name: Garfield Avenue Group Chrome Sites (PPG)  
 List all AKAs: PPG Site 114  
 Street Address: Garfield Avenue and Carteret Avenue  
 Municipality: City of Jersey City (Township, Borough or City)  
 County: Hudson Zip Code: 07305  
 Program Interest (PI) Number(s): \_\_\_\_\_ Case Tracking Number(s): \_\_\_\_\_

**SECTION B. WELL OWNER AND LOCATION**

1. Name of Well Owner PPG Industries  
 2. Well Location (Street Address) Garfield Avenue and Carteret Avenue, Jersey City, NJ  
 3. Well Location (Municipal Block and Lot) Block # 21501 Lot # 18

**SECTION C. WELL LOCATION SPECIFICS**

1. Well Permit Number (This number must be permanently affixed to the well casing): E202110392  
 2. Site Well Number (As shown on application or plans): 114-PZ-66-WR  
 3. Geographic Coordinate NAD 83 to nearest 1/100 of a second:  
 Latitude: North 40°42'31.97" Longitude: West 74°04'17.18"  
 4. New Jersey State Plane Coordinates NAD 83 datum, US survey feet units, to nearest foot:  
 North 683430.2 East 610929.9  
 5. Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 15.85  
 Elevation of Top of Outer Casing: 16.75 Elevation of Ground: 13.9  
 Check one:  NAVD 88  NGVD29  On Site Datum  Other  
 6. Source of elevation datum (benchmark, number/description and elevation/datum). If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation (referencing NAVD 88).  
 The vertical datum is the North American Vertical Datum of 1988 (NAVD88) GEOID09 verified by differential GPS observations from the NGS CORS network on May 10, 2012. On site control points used: Spike and Tag in the face of the retaining wall for the railroad at the north end of Site 114, Elev=18.02'.  
 7. Significant observations and notes:  
 The inner casing measured above is one port of a multi-port well. Lot and Block information are for reference only and do not indicate that this well was surveyed in relation to property boundary lines.

**SECTION D. LAND SURVEYOR'S CERTIFICATION**

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

SEAL

Professional Land Surveyor's Signature:  Date: 12/13/2021  
 Surveyor's Name: John D. Beattie License Number: 24GS04331900  
 Firm Name: Borbos Surveying & Mapping, LLC Certificate of Authorization #: 24GA28056200  
 Mailing Address: 402 Main Street  
 City/Town: Boonton State: New Jersey Zip Code: 07005  
 Phone Number: 973-316-8743 Ext: \_\_\_\_\_ Fax: \_\_\_\_\_

Addendum to Groundwater Remedial Investigation Report and Groundwater Remedial Action Work Plan for Bedrock  
Water-Bearing Zone  
Garfield Avenue Group of Sites  
PPG, Jersey City, New Jersey

## **Well Records**

**114-MW16B**

**Electronic Well Record  
Unavailable. Hard copy  
only.**

**MONITORING WELL RECORD**

**PROPERTY OWNER:** JERSEY CITY REDEVELOPMENT AGENCY

Company/Organization: Jersey City Redevelopment Agency

Address: 66 York St. Jersey City, New Jersey 07302

**WELL LOCATION:** PPG

Address: 880 GARFIELD AVE. PPG SITE 114PPG

County: Hudson Municipality: Jersey City Lot: 18.01 Block: 21501

Easting (X): 610818 Northing (Y): 683260  
 Coordinate System: NJ State Plane (NAD83) - USFEET

**DATE WELL STARTED:** November 8, 2021

**DATE WELL COMPLETED:** November 11, 2021

**WELL USE:** MONITORING

**Other Use(s):** \_\_\_\_\_

**Local ID:** 114-MW4D

**WELL CONSTRUCTION**

Total Depth Drilled (ft.): 125 Finished Well Depth (ft.): 125 Well Surface: Above Grade

	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt/Rating/Screen # Used (lbs/ch no.)
Borehole	0	87	10		
Borehole	87	125	6		
Casing	0	87	6	Steel	SCH 40
Screen					

	Depth to Top (ft.)	Depth to Bottom (ft.)	Outer Diameter (in.)	Inner Diameter (in.)	Material		
					Bentonite (lbs.)	Neat Cement (lbs.)	Water (gal.)
Grout	0	87	10	6	100	1800	165
Gravel Pack							

Grouting Method: Pressure method (Tremie Pipe)

Drilling Method: Sonic

**ADDITIONAL INFORMATION**

Protective Casing: Yes

Static Water Level: 10 ft. below land surface

Water Level Measure Tool: MSCOPE

Well Development Period: 5 hrs.

Method of Development:

Pump Type:

Pump Capacity:    gpm

Total Design Head:    ft.

Drilling Fluid:

Drill Rig: sonic

Health and Safety Plan Submitted? Yes

**ATTACHMENTS:**

<b>GEOLOGIC LOG</b>
0 - 13.5: black red OT - Other fill
13.5 - 17: red brown PT - Peat, muck, and other highly organic soils
17 - 24: grey CL - Inorganic clays of low to medium plasticity, gravelly/sandy/silty/lean clays
24 - 40: red brown SP - Poorly graded sands and gravelly sands, little or no fines
40 - 50: red brown CL - Inorganic clays of low to medium plasticity, gravelly/sandy/silty/lean clays
50 - 87: red brown SP - Poorly graded sands and gravelly sands, little or no fines
87 - 125: black CR - Competent Rock database

**ADDITIONAL INFORMATION:** FLUTE liner installed from 0-125 no ports in flute liner

Driller of Record: Joseph Kurzynowski, MASTER LICENSE # 0001618

Company: AQUIFER DRILLING & TESTING

**MONITORING WELL RECORD**

**PROPERTY OWNER:** JODY OVERMEYER

Company/Organization: Jersey City Redevelopment Agency

Address: 66 York Street Jersey City, New Jersey 07302

**WELL LOCATION:** PPG Garfield Avenue Group Site 114

Address: 884 Garfield Ave

County: Hudson Municipality: Jersey City Lot: 19.01 Block: 21501

Easting (X): 611075 Northing (Y): 683545  
 Coordinate System: NJ State Plane (NAD83) - USFEET

**DATE WELL STARTED:** December 1, 2020

**DATE WELL COMPLETED:** December 11, 2020

**WELL USE:** MONITORING

**Other Use(s):** \_\_\_\_\_ **Local ID:** 114-MW52D

**WELL CONSTRUCTION**

Total Depth Drilled (ft.): 105 Finished Well Depth (ft.): 105 Well Surface: Above Grade

	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt/Rating/Screen # Used (lbs/ch no.)
Borehole	0	80	10		
Borehole	80	100	6		
Casing	0	80	6	Steel	40
Screen					

	Depth to Top (ft.)	Depth to Bottom (ft.)	Outer Diameter (in.)	Inner Diameter (in.)	Material		
					Bentonite (lbs.)	Neat Cement (lbs.)	Water (gal.)
Grout	0	80	10	6	90	1630	145
Gravel Pack							

Grouting Method: Pressure method (Tremie Pipe) Drilling Method: Sonic

**ADDITIONAL INFORMATION**

Protective Casing: Yes Pump Capacity: \_ gpm  
 Static Water Level: 10 ft. below land surface Total Design Head: \_ ft.  
 Water Level Measure Tool: Water Level Indicator Drilling Fluid:  
 Well Development Period: 1 hrs. Drill Rig: Sonic  
 Method of Development: Whale Pump Health and Safety Plan Submitted? No  
 Pump Type:

**ATTACHMENTS:**

<b>GEOLOGIC LOG</b>
0 - 22: gray SM - Silty sands, sand-silt mixtures
22 - 68: red brown SW - Well-graded sands and gravelly sands, little or no fines
68 - 70: gray WR - Weathered Rock weathered rock
70 - 105: gray CR - Competent Rock competent rock

**ADDITIONAL INFORMATION:**

Driller of Record: Shawn Tibbetts, ENV RESOURCE GEOTEC LICENSE # 587209 Company: AQUIFER DRILLING & TESTING

**MONITORING WELL RECORD**

**PROPERTY OWNER:** JODY OVERMEYER

Company/Organization: Jersey City Redevelopment Agency

Address: 30 Montgomery Street Jersey City, New Jersey 07302

**WELL LOCATION:** PPG Garfield Avenue Group Site 114

Address: 880 Garfield Avenue

County: Hudson Municipality: Jersey City Lot: 18 Block: 21501

Easting (X): 611155 Northing (Y): 683435  
 Coordinate System: NJ State Plane (NAD83) - USFEET

**DATE WELL STARTED:** July 9, 2020

**DATE WELL COMPLETED:** July 13, 2020

**WELL USE:** MONITORING

**Other Use(s):** \_\_\_\_\_ **Local ID:** 114-MW53C

**WELL CONSTRUCTION**

Total Depth Drilled (ft.): 55 Finished Well Depth (ft.): 50 Well Surface: Above Grade

	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt/Rating/Screen # Used (lbs/ch no.)
Borehole	0	55	2		
Casing	0	48.50	2	PVC	40
Screen	48.50	50	2	PVC	20

	Depth to Top (ft.)	Depth to Bottom (ft.)	Outer Diameter (in.)	Inner Diameter (in.)	Material		
					Bentonite (lbs.)	Neat Cement (lbs.)	Water (gal.)
Grout	0	46.50	6	2	25	475	40
Grout	50	55	6	0	3	60	5
Gravel Pack	46.50	50	6	2	sand		

Grouting Method: Pressure method (Tremie Pipe) Drilling Method: Sonic

**ADDITIONAL INFORMATION**

Protective Casing: Yes Pump Capacity: \_ gpm  
 Static Water Level: 5 ft. below land surface Total Design Head: \_ ft.  
 Water Level Measure Tool: Water Level Indicator Drilling Fluid:  
 Well Development Period: 1 hrs. Drill Rig: Sonic  
 Method of Development: Whale Pump Health and Safety Plan Submitted? Yes  
 Pump Type: \_\_\_\_\_

**ATTACHMENTS:**

**GEOLOGIC LOG**

0 - 15: light brown SM - Silty sands, sand-silt mixtures  
 15 - 50: light brown SW - Well-graded sands and gravelly sands, little or no fines  
 50 - 55: gray GM - Silty gravels, gravel-sand-silt mixtures

**ADDITIONAL INFORMATION:**

Driller of Record: Joseph Kurzynowski, MASTER LICENSE # 0001618 Company: AQUIFER DRILLING & TESTING

**MONITORING WELL RECORD**

**PROPERTY OWNER:** JODY OVERMEYER

Company/Organization: Jersey City Redevelopment Agency

Address: 30 Montgomery Street Jersey City, New Jersey 07302

**WELL LOCATION:** PPG Garfield Avenue Group Site 114

Address: 2 Dakota Street

County: Hudson Municipality: Jersey City Lot: 16 Block: 21501

Easting (X): 611440 Northing (Y): 683518  
 Coordinate System: NJ State Plane (NAD83) - USFEET

**DATE WELL STARTED:** March 26, 2020

**DATE WELL COMPLETED:** March 27, 2020

**WELL USE:** MONITORING

**Other Use(s):** \_\_\_\_\_ **Local ID:** 114-MW55C

**WELL CONSTRUCTION**

Total Depth Drilled (ft.): 75 Finished Well Depth (ft.): 69 Well Surface: Above Grade

	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt/Rating/Screen # Used (lbs/ch no.)
Borehole	0	75	6		
Casing	0	68	2	PVC	40
Screen	68	69	2	PVC	.020

	Depth to Top (ft.)	Depth to Bottom (ft.)	Outer Diameter (in.)	Inner Diameter (in.)	Material		
					Bentonite (lbs.)	Neat Cement (lbs.)	Water (gal.)
Grout	0	66	6	2	37	700	60
Grout	69	75	6	0	4	68	6
Gravel Pack	66	69	6	2	sand		

Grouting Method: Pressure method (Tremie Pipe) Drilling Method: Sonic

**ADDITIONAL INFORMATION**

Protective Casing: Yes Pump Capacity:    gpm  
 Static Water Level: 5 ft. below land surface Total Design Head:    ft.  
 Water Level Measure Tool: Water Level Indicator Drilling Fluid: \_\_\_\_\_  
 Well Development Period: 1 hrs. Drill Rig: Sonic  
 Method of Development: Whale Pump Health and Safety Plan Submitted? Yes  
 Pump Type: \_\_\_\_\_

**ATTACHMENTS:**

<b>GEOLOGIC LOG</b>
0 - 15: light brown SW - Well-graded sands and gravelly sands, little or no fines
15 - 50: light brown SM - Silty sands, sand-silt mixtures
50 - 65: gray GM - Silty gravels, gravel-sand-silt mixtures
65 - 75: gray GP - Poorly graded gravels and gravel-sand mixtures, little or no fines

**ADDITIONAL INFORMATION:**

Driller of Record: Joseph Kurzynowski, MASTER LICENSE # 0001618 Company: AQUIFER DRILLING & TESTING

**MONITORING WELL RECORD**

**PROPERTY OWNER:** JODY OVERMEYER

Company/Organization: Jersey City Redevelopment Agency

Address: 30 Montgomery Street Jersey City, New Jersey 07302

**WELL LOCATION:** PPG Garfield Avenue Group Site 114

Address: 880 Garfield Avenue

County: Hudson Municipality: Jersey City Lot: 18 Block: 21501

Easting (X): 610946 Northing (Y): 683196  
 Coordinate System: NJ State Plane (NAD83) - USFEET

**DATE WELL STARTED:** June 30, 2020

**DATE WELL COMPLETED:** July 1, 2020

**WELL USE:** MONITORING

**Other Use(s):** \_\_\_\_\_

**Local ID:** 114-MW57C

**WELL CONSTRUCTION**

Total Depth Drilled (ft.): 75 Finished Well Depth (ft.): 70 Well Surface: Above Grade

	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt/Rating/Screen # Used (lbs/ch no.)
Borehole	0	75	6		
Casing	0	68.50	2	PVC	40
Screen	68.50	70	2	PVC	20

	Depth to Top (ft.)	Depth to Bottom (ft.)	Outer Diameter (in.)	Inner Diameter (in.)	Material		
					Bentonite (lbs.)	Neat Cement (lbs.)	Water (gal.)
Grout	0	66.50	6	2	35	680	60
Grout	70	75	6	0	3	55	5
Gravel Pack	66.50	70	6	2	sand		

Grouting Method: Pressure method (Tremie Pipe)

Drilling Method: Sonic

**ADDITIONAL INFORMATION**

Protective Casing: Yes  
 Static Water Level: 5 ft. below land surface  
 Water Level Measure Tool: Water Level Indicator  
 Well Development Period: 1 hrs.  
 Method of Development: Whale Pump  
 Pump Type: \_\_\_\_\_

Pump Capacity:    gpm  
 Total Design Head:    ft.  
 Drilling Fluid: \_\_\_\_\_  
 Drill Rig: Sonic  
 Health and Safety Plan Submitted? Yes

**ATTACHMENTS:**

**GEOLOGIC LOG**

0 - 15: light brown SW - Well-graded sands and gravelly sands, little or no fines  
 15 - 50: light brown SM - Silty sands, sand-silt mixtures  
 50 - 65: gray GM - Silty gravels, gravel-sand-silt mixtures  
 65 - 75: gray GP - Poorly graded gravels and gravel-sand mixtures, little or no fines

**ADDITIONAL INFORMATION:**

Driller of Record: Joseph Kurzynowski, MASTER LICENSE # 0001618

Company: AQUIFER DRILLING & TESTING

**MONITORING WELL RECORD**

**PROPERTY OWNER:** JODY OVERMEYER

Company/Organization: Jersey City Redevelopment Agency

Address: 66 York Street Jersey City, New Jersey 07302

**WELL LOCATION:** PPG Garfield Avenue Group Site 114

Address: 880 Garfield Ave

County: Hudson Municipality: Jersey City Lot: 18.01 Block: 21501

Easting (X): 610904 Northing (Y): 683214  
 Coordinate System: NJ State Plane (NAD83) - USFEET

**DATE WELL STARTED:** December 23, 2020

**DATE WELL COMPLETED:** January 4, 2021

**WELL USE:** MONITORING

**Other Use(s):** \_\_\_\_\_ **Local ID:** 114-MW57D

**WELL CONSTRUCTION**

Total Depth Drilled (ft.): 112.5 Finished Well Depth (ft.): 112.5 Well Surface: Above Grade

	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt/Rating/Screen # Used (lbs/ch no.)
Borehole	0	85	10		
Borehole	85	112.50	6		
Casing	0	85	6	Steel	40
Screen					

	Depth to Top (ft.)	Depth to Bottom (ft.)	Outer Diameter (in.)	Inner Diameter (in.)	Material		
					Bentonite (lbs.)	Neat Cement (lbs.)	Water (gal.)
Grout	0	85	10	6	95	1735	155
Gravel Pack							

Grouting Method: Pressure method (Tremie Pipe) Drilling Method: Sonic

**ADDITIONAL INFORMATION**

Protective Casing: Yes  
 Static Water Level: 10 ft. below land surface  
 Water Level Measure Tool: MSCOPE  
 Well Development Period: 1 hrs.  
 Method of Development: whale pump  
 Pump Type: \_\_\_\_\_

Pump Capacity: \_ gpm  
 Total Design Head: \_ ft.  
 Drilling Fluid: \_\_\_\_\_  
 Drill Rig: SONIC  
 Health and Safety Plan Submitted? No

**ATTACHMENTS:**

<b>GEOLOGIC LOG</b>
0 - 20: Grey SM - Silty sands, sand-silt mixtures
20 - 37: Red brown SM - Silty sands, sand-silt mixtures
37 - 49: Grey SM - Silty sands, sand-silt mixtures
49 - 67: Red brown SP - Poorly graded sands and gravelly sands, little or no fines
67 - 75: grey WR - Weathered Rock shale
75 - 112.5: grey CR - Competent Rock shale

**ADDITIONAL INFORMATION: UPDATED DEPTH**

Driller of Record: Joseph Kurzynowski, MASTER LICENSE # 0001618 Company: AQUIFER DRILLING & TESTING

**MONITORING WELL RECORD**

**PROPERTY OWNER:** JODY OVERMEYER

Company/Organization: Jersey City Redevelopment Agency

Address: 30 Montgomery Street Jersey City, New Jersey 07302

**WELL LOCATION:** PPG Garfield Avenue Group Site 114

Address: 70 Carteret Avenue

County: Hudson Municipality: Jersey City Lot: 17 Block: 21501

Easting (X): 611367 Northing (Y): 683287  
 Coordinate System: NJ State Plane (NAD83) - USFEET

**DATE WELL STARTED:** June 17, 2020

**DATE WELL COMPLETED:** June 18, 2020

**WELL USE:** MONITORING

**Other Use(s):** \_\_\_\_\_ **Local ID:** 114-MW58C

**WELL CONSTRUCTION**

Total Depth Drilled (ft.): 80 Finished Well Depth (ft.): 76.5 Well Surface: Above Grade

	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt/Rating/Screen # Used (lbs/ch no.)
Borehole	0	80	6		
Casing	0	72.50	2	PVC	40
Screen	72.50	76.50	2	PVC	20

	Depth to Top (ft.)	Depth to Bottom (ft.)	Outer Diameter (in.)	Inner Diameter (in.)	Material		
					Bentonite (lbs.)	Neat Cement (lbs.)	Water (gal.)
Grout	0	70.50	6	2	40	720	65
Grout	76.50	80	6	0	2	40	3
Gravel Pack	70.50	76.50	6	2	sand		

Grouting Method: Pressure method (Tremie Pipe) Drilling Method: Sonic

**ADDITIONAL INFORMATION**

Protective Casing: Yes Pump Capacity: \_ gpm  
 Static Water Level: 5 ft. below land surface Total Design Head: \_ ft.  
 Water Level Measure Tool: Water Level Indicator Drilling Fluid:  
 Well Development Period: 1 hrs. Drill Rig: Sonic  
 Method of Development: Whale Pump Health and Safety Plan Submitted? Yes  
 Pump Type: \_\_\_\_\_

**ATTACHMENTS:**

<b>GEOLOGIC LOG</b>
0 - 15: light brown SM - Silty sands, sand-silt mixtures
15 - 50: light brown SW - Well-graded sands and gravelly sands, little or no fines
50 - 65: gray GM - Silty gravels, gravel-sand-silt mixtures
65 - 80: gray GP - Poorly graded gravels and gravel-sand mixtures, little or no fines

**ADDITIONAL INFORMATION:**

Driller of Record: Joseph Kurzynowski, MASTER LICENSE # 0001618 Company: AQUIFER DRILLING & TESTING

This document has not yet been reviewed and approved or denied by the NJ DEP. Deficiencies in submittal information or actual construction may result in denial.

**WELL RECORD SUBMITTAL PDF**

**PROPERTY OWNER:** Jersey City Redevelopment agency Jersey City Redevelopment Agency

Organization: Redevelopment Agency

Address: 4 Jackson Square, Jersey City (Hudson), New Jersey 07302

**WELL LOCATION:** PPG

Address: 70 CARTERET AVE

County: Hudson Municipality: Jersey City Lot: 17 Block: 21501

Easting(X): 611378 Northing(Y): 683306 Coordinate System: NJ State Plane (NAD83) - USFEET

Method: GPS Point of Reference: Well

GPS Manufacturer: TRIMBLE Surveyor Name: \_\_\_\_\_

GPS Model: RECON Surveyor License #: \_\_\_\_\_

Accuracy: 10 Accuracy units: Feet

**WELL USE:** Monitoring **DATE WELL STARTED:** 1/30/2024

**Other Use(s):** \_\_\_\_\_ **DATE WELL COMPLETED:** 2/1/2024

**WELL CONSTRUCTION**

<b>Permit Number</b>	Total Depth Drilled(ft): <u>90</u>	Drilling Company: <u>JOSEPH J KURZYNOWSKI</u>
<u>E202312356</u>	Finished Well Depth(ft): <u>87</u>	Driller Name: <u>Joseph Kurzynowski</u>
Local ID: <u>114-MW58C-R</u>	Well was finished: <u>Above Grade</u>	License No.: <u>0001618</u>

	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt./Rating/Screen Slot # (lbs/sch no.)
Borehole(s)	0	40	14	N/A	N/A
Borehole(s)	0	80	10	N/A	N/A
Borehole(s)	80	90	6	N/A	N/A
Casing(s)	0	40	10	Steel	SCH 40
Casing(s)	0	80	6	Steel	SCH 40
Casing(s)	0	82	2	PVC	SCH 40
Screen(s)	82	87	2	PVC	10

	Depth to Top (ft.)	Depth to Bottom (ft.)	Outer Diameter (in)	Inner Diameter (in)	Material		
					Bentonite (lbs.)	Neat Cement (lbs.)	Water (gal.)
Grout	0	40	14	10	50	1000	60
Grout	0	80	10	6	60	1200	72
Grout	0	77	6	2	30	100	36

Grout	77	79	6	2	50	0	0
Gravel Pack	79	87	6	2	0 SAND		
Gravel Pack	87	90	6	0	ROCK FRAGMENTS		

Grouting Method: Pressure method (Tremie Pipe) Drilling Method: Sonic

Additional Information: BENTONITE CHIPS 77 TO 79

Attachments: \_\_\_\_\_

**RECORD OF TEST**

Test Date: \_\_\_\_\_ Depth to Pump: \_\_\_\_\_ ft. below land surface  
 Pump Capacity: \_\_\_\_\_ gpm  
 Static Water Level: 2.01 ft. below land surface Total Design Head: \_\_\_\_\_ ft.  
 Pumping Water Level: \_\_\_\_\_ ft. below land surface Pump Horsepower: \_\_\_\_\_  
 Water Level Measure Tool: M SCOPE If pump tested Discharge Rate: \_\_\_\_\_ gpm  
 Pumping Equipment: \_\_\_\_\_ Duration of Test: \_\_\_\_\_ hours  
 Well Yield: \_\_\_\_\_ gpm Date Boring Decommissioned: \_\_\_\_\_

**PUMPING EQUIPMENT AND ADDITIONAL INFORMATION**

Well Development Period: 1 hours  
 Method of Development: \_\_\_\_\_  
 Installed: \_\_\_\_\_ Protective Casing: Yes  
 Installer's Name: \_\_\_\_\_ Drilling Fluid: \_\_\_\_\_  
 Installer's Registration No.: \_\_\_\_\_ Drill Rig: SONIC  
 Pump Type: \_\_\_\_\_ Health and Safety Plan: Yes

**GEOLOGIC LOG**

Depth to Top	Depth to Bottom	Color	USCS	Additional Description
0	13	BROWN	SW - Well-graded sands and gravelly sands, little or no fines	DGA FILL
13	14.5	RED BROWN	CL - Inorganic clays of low to medium plasticity, gravelly/sandy/silty/lean clays	
14.5	28	RED BROWN	SW - Well-graded sands and gravelly sands, little or no fines	
28	41	RED BROWN	SP - Poorly graded sands and gravelly sands, little or no fines	
41	59	RED BROWN	CH - Inorganic clays or high plasticity, fat clays	
59	68	RED BROWN	SW - Well-graded sands and gravelly sands, little or no fines	
			CL - Inorganic clays of low to medium plasticity,	

68	70	RED BROWN	gravelly/sandy/silty/lean clays	
70	77	RED BROWN	SM - Silty sands, sand-silt mixtures	TILL
77	90	GRAY	CR - Competent Rock	SANDSTONE

PENDING  
APPROVAL

**MONITORING WELL RECORD**

**PROPERTY OWNER:** JODY OVERMEYER

Company/Organization: Jersey City Redevelopment Agency

Address: 30 Montgomery Street Jersey City, New Jersey 07302

**WELL LOCATION:** PPG Garfield Avenue Group Site 114

Address: 70 Carteret Avenue

County: Hudson Municipality: Jersey City Lot: 17 Block: 21501

Easting (X): 611345 Northing (Y): 682894  
 Coordinate System: NJ State Plane (NAD83) - USFEET

**DATE WELL STARTED:** June 25, 2020

**DATE WELL COMPLETED:** June 29, 2020

**WELL USE:** MONITORING

**Other Use(s):** \_\_\_\_\_ **Local ID:** 114-MW60C

**WELL CONSTRUCTION**

Total Depth Drilled (ft.): 125 Finished Well Depth (ft.): 121.5 Well Surface: Above Grade

	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt/Rating/Screen # Used (lbs/ch no.)
Borehole	0	125	6		
Casing	0	119.50	2	PVC	40
Screen	119.50	121.50	2	PVC	20

	Depth to Top (ft.)	Depth to Bottom (ft.)	Outer Diameter (in.)	Inner Diameter (in.)	Material		
					Bentonite (lbs.)	Neat Cement (lbs.)	Water (gal.)
Grout	0	117.50	6	2	65	1200	110
Grout	121.50	125	6	0	2	40	4
Gravel Pack	117.50	121.50	6	2	sand		

Grouting Method: Pressure method (Tremie Pipe) Drilling Method: Sonic

**ADDITIONAL INFORMATION**

Protective Casing: Yes Pump Capacity: \_ gpm  
 Static Water Level: 5 ft. below land surface Total Design Head: \_ ft.  
 Water Level Measure Tool: Water Level Indicator Drilling Fluid:  
 Well Development Period: 1 hrs. Drill Rig: Sonic  
 Method of Development: Whale Pump Health and Safety Plan Submitted? Yes  
 Pump Type: \_\_\_\_\_

**ATTACHMENTS:**

<b>GEOLOGIC LOG</b>
0 - 15: light brown SM - Silty sands, sand-silt mixtures
15 - 50: light brown SW - Well-graded sands and gravelly sands, little or no fines
50 - 65: gray GM - Silty gravels, gravel-sand-silt mixtures
65 - 95: gray GP - Poorly graded gravels and gravel-sand mixtures, little or no fines
95 - 125: gray WR - Weathered Rock gray weathered rock

**ADDITIONAL INFORMATION:**

Driller of Record: Joseph Kurzynowski, MASTER LICENSE # 0001618 Company: AQUIFER DRILLING & TESTING

**MONITORING WELL RECORD**

**PROPERTY OWNER:** CITY OF JERSEY CITY

Company/Organization: Jersey City

Address: 280 Grove St Jersey City, New Jersey 07302

**WELL LOCATION:** PPG

Address: Halladay Street

County: Hudson Municipality: Jersey City Lot: ROADWAY ROW Block: ROADWAY ROW

Easting (X): <u>611347</u> Northing (Y): <u>682873</u> Coordinate System: <u>NJ State Plane (NAD83) - USFEET</u>
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**DATE WELL STARTED:** January 23, 2024

**DATE WELL COMPLETED:** January 29, 2024

**WELL USE:** MONITORING

**Other Use(s):** \_\_\_\_\_ **Local ID:** 114-MW60C-R

**WELL CONSTRUCTION**

Total Depth Drilled (ft.): 125 Finished Well Depth (ft.): 119 Well Surface: Flush Mount

	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt/Rating/Screen # Used (lbs/ch no.)
Borehole	0	60	14		
Borehole	60	115	10		
Borehole	115	125	6		
Casing	0	60	10	Steel	SCH 40
Casing	0	115	2	PVC	SCH 40
Casing	0	115	6	Steel	SCH 40
Screen	115	119	2	PVC	10

	Depth to Top (ft.)	Depth to Bottom (ft.)	Outer Diameter (in.)	Inner Diameter (in.)	Material		
					Bentonite (lbs.)	Neat Cement (lbs.)	Water (gal.)
Grout	0	60	14	10	75	1500	100
Grout	0	115	10	6	90	1800	120
Grout	0	110	6	2	45	900	65
Grout	110	112	6	2	25	0	0
Grout	119	125	6	0	75	0	0
Gravel Pack	112	113	6	2	00 SAND		
Gravel Pack	113	119	6	2	0 SAND		

Grouting Method: Pressure method (Tremie Pipe) Drilling Method: Sonic

**ADDITIONAL INFORMATION**

Protective Casing: Yes  
 Static Water Level: 5 ft. below land surface  
 Water Level Measure Tool: M SCOPE  
 Well Development Period: 1 hrs.  
 Method of Development: PURGE AND SURGE  
 Pump Type:

Pump Capacity: \_ gpm  
 Total Design Head: \_ ft.  
 Drilling Fluid:  
 Drill Rig: SONIC  
 Health and Safety Plan Submitted? Yes

**ATTACHMENTS:**

<b>GEOLOGIC LOG</b>
0 - 13: GRAY BROWN GP - Poorly graded gravels and gravel-sand mixtures, little or no fines FILL
13 - 15: RED BROWN CL - Inorganic clays of low to medium plasticity, gravelly/sandy/silty/lean clays
15 - 20: BROWN PT - Peat, muck, and other highly organic soils
20 - 24: RED BROWN SC - Clayey sands, sand-clay mixtures

Driller of Record: Joseph Kurzynowski, MASTER LICENSE # 0001618 Company: AQUIFER DRILLING & TESTING

**MONITORING WELL RECORD**

24 - 46: RED BROWN SP - Poorly graded sands and gravelly sands, little or no fines
46 - 56: RED BROWN ML - Inorganic silts, very fine sands, rock four, silty or clayey fine sands
56 - 78: RED BROWN CH - Inorganic clays or high plasticity, fat clays
78 - 85: RED BROWN ML - Inorganic silts, very fine sands, rock four, silty or clayey fine sands
85 - 104: RED BROWN SW - Well-graded sands and gravelly sands, little or no fines
104 - 114: GRAY GM - Silty gravels, gravel-sand-silt mixtures
114 - 125: gray WR - Weathered Rock SANDSTONE

**ADDITIONAL INFORMATION:** BENTONITE CHIPS 110 TO112 and 119 to 125

**114-MW6D**

**Electronic Well Record  
Unavailable. Hard copy  
only.**

**MONITORING WELL RECORD**

**PROPERTY OWNER:** JERSEY CITY REDEVELOPMENT AGENCY

Company/Organization: Jersey City Redevelopment Agency

Address: 66 York St. Jersey City, New Jersey 07302

**WELL LOCATION:** PPG Garfield Avenue Group Site 114

Address: 880 Garfield Ave

County: Hudson Municipality: Jersey City Lot: 18.01 Block: 21501

Easting (X): 610872 Northing (Y): 683469  
 Coordinate System: NJ State Plane (NAD83) - USFEET

**DATE WELL STARTED:** November 29, 2021

**DATE WELL COMPLETED:** November 29, 2021

**WELL USE:** MONITORING

**Other Use(s):** \_\_\_\_\_ **Local ID:** 114-MW61D

**WELL CONSTRUCTION**

Total Depth Drilled (ft.): 135 Finished Well Depth (ft.): 135 Well Surface: Above Grade

	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt/Rating/Screen # Used (lbs/ch no.)
Borehole	0	85	10		
Borehole	85	135	6		
Casing	0	85	6	Steel	SCH40
Casing	0	110	2	PVC	SCH40
Screen	110	135	2	PVC	.10

	Depth to Top (ft.)	Depth to Bottom (ft.)	Outer Diameter (in.)	Inner Diameter (in.)	Material		
					Bentonite (lbs.)	Neat Cement (lbs.)	Water (gal.)
Grout	0	108	6	2	45	900	72
Grout	0	85	10	6	95	1735	155
Gravel Pack	108	135	6	2	#0		

Grouting Method: Pressure method (Tremie Pipe) Drilling Method: Sonic

**ADDITIONAL INFORMATION**

Protective Casing: Yes Pump Capacity: \_ gpm  
 Static Water Level: 8.2 ft. below land surface Total Design Head: \_ ft.  
 Water Level Measure Tool: MSCOPE Drilling Fluid: WATER  
 Well Development Period: 8 hrs. Drill Rig: SONIC  
 Method of Development: AIR LIFT Health and Safety Plan Submitted? Yes  
 Pump Type: \_\_\_\_\_

**ATTACHMENTS:**

<b>GEOLOGIC LOG</b>
0 - 26: GREY SP - Poorly graded sands and gravelly sands, little or no fines
26 - 63: red/brown SW - Well-graded sands and gravelly sands, little or no fines
63 - 70: grey WR - Weathered Rock SHALE
70 - 85: GREY CR - Competent Rock SHALE
85 - 135: GREY CR - Competent Rock SHALE

**ADDITIONAL INFORMATION:**

Driller of Record: Joseph Kurzynowski, MASTER LICENSE # 0001618 Company: AQUIFER DRILLING & TESTING

**MONITORING WELL RECORD**

**PROPERTY OWNER:** JODI OVERMEYER

Company/Organization: 900 Garfield Ave, %Ryan LLC

Address: 1735 MARKET ST.,STE A-400 Philadelphia, Pennsylvania 19103

**WELL LOCATION:** PPG Garfield Avenue Group Site 114

Address: 900 Garfield Avenue

County: Hudson Municipality: Jersey City Lot: 20 Block: 21501

Easting (X): 611154 Northing (Y): 683754  
Coordinate System: NJ State Plane (NAD83) - USFEET

**DATE WELL STARTED:** June 16, 2020

**DATE WELL COMPLETED:** June 17, 2020

**WELL USE:** MONITORING

**Other Use(s):** \_\_\_\_\_

**Local ID:** 114-MW62C

**WELL CONSTRUCTION**

Total Depth Drilled (ft.): 80 Finished Well Depth (ft.): 73 Well Surface: Above Grade

	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt/Rating/Screen # Used (lbs/ch no.)
Borehole	0	80	6		
Casing	0	69	2	PVC	40
Screen	69	73	2	PVC	20

	Depth to Top (ft.)	Depth to Bottom (ft.)	Outer Diameter (in.)	Inner Diameter (in.)	Material		
					Bentonite (lbs.)	Neat Cement (lbs.)	Water (gal.)
Grout	0	67	6	2	35	685	60
Grout	73	80	6	0	4	80	7
Gravel Pack	67	73	6	2	sand		

Grouting Method: Pressure method (Tremie Pipe)

Drilling Method: Sonic

**ADDITIONAL INFORMATION**

Protective Casing: Yes

Static Water Level: 5 ft. below land surface

Water Level Measure Tool: Water Level Indicator

Well Development Period: 1 hrs.

Method of Development: Whale Pump

Pump Type: \_\_\_\_\_

Pump Capacity:    gpm

Total Design Head:    ft.

Drilling Fluid: \_\_\_\_\_

Drill Rig: Sonic

Health and Safety Plan Submitted? Yes

**ATTACHMENTS:**

**GEOLOGIC LOG**

0 - 15: light brown SM - Silty sands, sand-silt mixtures

15 - 50: light brown SW - Well-graded sands and gravelly sands, little or no fines

50 - 65: gray GM - Silty gravels, gravel-sand-silt mixtures

65 - 80: gray GP - Poorly graded gravels and gravel-sand mixtures, little or no fines

**ADDITIONAL INFORMATION:**

Driller of Record: Joseph Kurzynowski,  
MASTER LICENSE # 0001618

Company: AQUIFER DRILLING & TESTING

**MONITORING WELL RECORD**

**PROPERTY OWNER:** JODI OVERMEYER

Company/Organization: Jersey City Redevelopment Agency

Address: 30 Montgomery Street Jersey City, New Jersey 07302

**WELL LOCATION:** PPG Garfield Avenue Group Site 114

Address: 70 Carteret Avenue

County: Hudson Municipality: Jersey City Lot: 17 Block: 21501

Easting (X): 611381 Northing (Y): 683044  
 Coordinate System: NJ State Plane (NAD83) - USFEET

**DATE WELL STARTED:** June 23, 2020

**DATE WELL COMPLETED:** June 24, 2020

**WELL USE:** MONITORING

**Other Use(s):** \_\_\_\_\_ **Local ID:** 114-MW64C

**WELL CONSTRUCTION**

Total Depth Drilled (ft.): 100 Finished Well Depth (ft.): 96 Well Surface: Above Grade

	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt/Rating/Screen # Used (lbs/ch no.)
Borehole	0	100	2		
Casing	0	93	2	PVC	40
Screen	93	96	2	PVC	20

	Depth to Top (ft.)	Depth to Bottom (ft.)	Outer Diameter (in.)	Inner Diameter (in.)	Material		
					Bentonite (lbs.)	Neat Cement (lbs.)	Water (gal.)
Grout	0	91	6	2	50	925	80
Grout	96	100	6	0	3	45	4
Gravel Pack	91	96	6	2	sand		

Grouting Method: Pressure method (Tremie Pipe) Drilling Method: Sonic

**ADDITIONAL INFORMATION**

Protective Casing: Yes Pump Capacity:    gpm  
 Static Water Level: 5 ft. below land surface Total Design Head:    ft.  
 Water Level Measure Tool: Water Level Indicator Drilling Fluid:  
 Well Development Period: 1 hrs. Drill Rig: Sonic  
 Method of Development: Whale Pump Health and Safety Plan Submitted? Yes  
 Pump Type: \_\_\_\_\_

**ATTACHMENTS:**

<b>GEOLOGIC LOG</b>
0 - 15: light brown SM - Silty sands, sand-silt mixtures
15 - 50: light brown SW - Well-graded sands and gravelly sands, little or no fines
50 - 65: gray GM - Silty gravels, gravel-sand-silt mixtures
65 - 90: gray GP - Poorly graded gravels and gravel-sand mixtures, little or no fines
90 - 100: gray WR - Weathered Rock gray weathered bedrock

**ADDITIONAL INFORMATION:**

Driller of Record: Joseph Kurzynowski, MASTER LICENSE # 0001618 Company: AQUIFER DRILLING & TESTING

**MONITORING WELL RECORD**

**PROPERTY OWNER:** JERSEY CITY REDEVELOPMENT AGENCY

Company/Organization: Jersey City Redevelopment Agency

Address: 66 York St. Jersey City, New Jersey 07302

**WELL LOCATION:** PPG Garfield Avenue Group Site 114

Address: 880 Garfield Ave

County: Hudson Municipality: Jersey City Lot: 18.01 Block: 21501

Easting (X): 610932 Northing (Y): 683425  
 Coordinate System: NJ State Plane (NAD83) - USFEET

**DATE WELL STARTED:** November 3, 2021

**DATE WELL COMPLETED:** November 8, 2021

**WELL USE:** MONITORING

**Other Use(s):** \_\_\_\_\_ **Local ID:** 114-MW66D

**WELL CONSTRUCTION**

Total Depth Drilled (ft.): 140 Finished Well Depth (ft.): 140 Well Surface: Above Grade

	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt/Rating/Screen # Used (lbs/ch no.)
Borehole	0	90	10		
Borehole	90	115	6		
Borehole	115	140	6		
Casing	0	90	6	Steel	SCH 40
Screen					

	Depth to Top (ft.)	Depth to Bottom (ft.)	Outer Diameter (in.)	Inner Diameter (in.)	Material		
					Bentonite (lbs.)	Neat Cement (lbs.)	Water (gal.)
Grout	0	90	10	6	100	1840	165
Gravel Pack							

Grouting Method: Pressure method (Tremie Pipe) Drilling Method: Sonic

**ADDITIONAL INFORMATION**

Protective Casing: Yes Pump Capacity: \_ gpm  
 Static Water Level: \_ ft. below land surface Total Design Head: \_ ft.  
 Water Level Measure Tool: Drilling Fluid:  
 Well Development Period: \_ hrs. Drill Rig: sonic  
 Method of Development: Health and Safety Plan Submitted? Yes  
 Pump Type:

**ATTACHMENTS:**

**GEOLOGIC LOG**

0 - 26: grey GM - Silty gravels, gravel-sand-silt mixtures  
 26 - 63: red brown GP - Poorly graded gravels and gravel-sand mixtures, little or no fines  
 63 - 80: grey WR - Weathered Rock Argilite  
 80 - 140: grey CR - Competent Rock Argilite

**ADDITIONAL INFORMATION:** Hole was deepened and a FLUTE liner installed to 140 ft interval 1 91-97 interval 2 107-111 interval 3 118-123 interval 4 124-129 interval 5 137-140

Driller of Record: Joseph Kurzynowski, MASTER LICENSE # 0001618 Company: AQUIFER DRILLING & TESTING

**114-MW7D**

**Electronic Well Record  
Unavailable. Hard copy  
only.**

**MONITORING WELL RECORD**

**PROPERTY OWNER:** JERSEY CITY J REDEVELOPMENT AGENCY

Company/Organization: Redevelopment Agency

Address: 66 York St. Jersey City, New Jersey 07302

**WELL LOCATION:** PPG

Address: 884 GARFIELD AVE

County: Hudson Municipality: Jersey City Lot: 19.01 Block: 21501

Easting (X): 610954 Northing (Y): 683613  
 Coordinate System: NJ State Plane (NAD83) - USFEET

**DATE WELL STARTED:** October 14, 2021

**DATE WELL COMPLETED:** October 19, 2021

**WELL USE:** MONITORING

**Other Use(s):** \_\_\_\_\_

**Local ID:** 114-MW-71D

**WELL CONSTRUCTION**

Total Depth Drilled (ft.): 140 Finished Well Depth (ft.): 140 Well Surface: Above Grade

	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt/Rating/Screen # Used (lbs/ch no.)
Borehole	0	115	10		
Borehole	115	140	6		
Casing	0	115	6	Steel	SCH40
Screen					

	Depth to Top (ft.)	Depth to Bottom (ft.)	Outer Diameter (in.)	Inner Diameter (in.)	Material		
					Bentonite (lbs.)	Neat Cement (lbs.)	Water (gal.)
Grout	0	115	10	6	105	2100	168
Gravel Pack							

Grouting Method: Pressure method (Tremie Pipe)

Drilling Method: Sonic

**ADDITIONAL INFORMATION**

Protective Casing: Yes

Static Water Level: 6.4 ft. below land surface

Water Level Measure Tool: MSCOPE

Well Development Period: 9.5 hrs.

Method of Development: AIR LIFT/PUMPED

Pump Type: \_\_\_\_\_

Pump Capacity: \_ gpm

Total Design Head: \_ ft.

Drilling Fluid: WATER

Drill Rig: SONIC

Health and Safety Plan Submitted? Yes

**ATTACHMENTS:**

**GEOLOGIC LOG**

0 - 15: GREY OT - Other gravel fill

15 - 22: Grey PT - Peat, muck, and other highly organic soils

22 - 42: red/brown SP - Poorly graded sands and gravelly sands, little or no fines

42 - 55: red/brown CL - Inorganic clays of low to medium plasticity, gravelly/sandy/silty/lean clays

55 - 67.5: red/brown OT - Other TILL

67.5 - 140: GREY CR - Competent Rock shale

**ADDITIONAL INFORMATION:**

Driller of Record: Joseph Kurzynowski, MASTER LICENSE # 0001618

Company: AQUIFER DRILLING & TESTING

**MONITORING WELL RECORD**

**PROPERTY OWNER:** JERSEY CITY J REDEVELOPMENT AGENCY

Company/Organization: Redevelopment Agency

Address: 66 York St. Jersey City, New Jersey 07302

**WELL LOCATION:** PPG

Address: 824 GARFIELD AVE

County: Hudson Municipality: Jersey City Lot: 2 Block: 21510

Easting (X): 610839 Northing (Y): 683095  
Coordinate System: NJ State Plane (NAD83) - USFEET

**DATE WELL STARTED:** October 27, 2021

**DATE WELL COMPLETED:** November 1, 2021

**WELL USE:** MONITORING

**Other Use(s):** \_\_\_\_\_

**Local ID:** 114-MW-72D

**WELL CONSTRUCTION**

Total Depth Drilled (ft.): 125 Finished Well Depth (ft.): 125 Well Surface: Above Grade

	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt/Rating/Screen # Used (lbs/ch no.)
Borehole	0	100	10		
Borehole	100	125	6		
Casing	0	100	6	Steel	SCH40
Screen					

	Depth to Top (ft.)	Depth to Bottom (ft.)	Outer Diameter (in.)	Inner Diameter (in.)	Material		
					Bentonite (lbs.)	Neat Cement (lbs.)	Water (gal.)
Grout	0	100	10	6	90	1800	144
Gravel Pack							

Grouting Method: Pressure method (Tremie Pipe)

Drilling Method: Sonic

**ADDITIONAL INFORMATION**

Protective Casing: Yes

Static Water Level: 6.6 ft. below land surface

Water Level Measure Tool: MSCOPE

Well Development Period: 5 hrs.

Method of Development: AIR LIFT/PUMPED

Pump Type: \_\_\_\_\_

Pump Capacity: \_ gpm

Total Design Head: \_ ft.

Drilling Fluid: WATER

Drill Rig: SONIC

Health and Safety Plan Submitted? Yes

**ATTACHMENTS:**

**GEOLOGIC LOG**

0 - 12: GREY OT - Other gravel fill

12 - 21: red/brown SP - Poorly graded sands and gravelly sands, little or no fines

21 - 25: grey PT - Peat, muck, and other highly organic soils

25 - 41: red/brown SP - Poorly graded sands and gravelly sands, little or no fines

41 - 57: red/brown CL - Inorganic clays of low to medium plasticity, gravelly/sandy/silty/lean clays

57 - 85: red/brown OT - Other Till

85 - 125: GREY CR - Competent Rock shale

**ADDITIONAL INFORMATION:**

Driller of Record: Joseph Kurzynowski,  
MASTER LICENSE # 0001618

Company: AQUIFER DRILLING & TESTING

This document has not yet been reviewed and approved or denied by the NJ DEP. Deficiencies in submittal information or actual construction may result in denial.

**WELL RECORD SUBMITTAL PDF**

**PROPERTY OWNER:** Jersey City Redevelopment Agency Jersey City Redevelopment Agency

Organization: Redevelopment Agency

Address: 4 Jackson Square, Jersey City, Jersey City (Hudson), New Jersey 07302

**WELL LOCATION:** PPG

Address: 880 GARFIELD AVE

County: Hudson Municipality: Jersey City Lot: 18.01 Block: 21501

Easting(X): 610916 Northing(Y): 683379 Coordinate System: NJ State Plane (NAD83) - USFEET

Method: GPS Point of Reference: Well

GPS Manufacturer: TRIMBLE Surveyor Name: \_\_\_\_\_

GPS Model: RECON Surveyor License #: \_\_\_\_\_

Accuracy: 10 Accuracy units: Feet

**WELL USE:** Monitoring **DATE WELL STARTED:** 12/26/2023

**Other Use(s):** \_\_\_\_\_ **DATE WELL COMPLETED:** 12/29/2023

**WELL CONSTRUCTION**

JOSEPH J

**Permit Number** E202312362 Total Depth Drilled(ft): 118 Drilling Company: KURZYNOWSKI

Local ID: 114-MW73D Finished Well Depth(ft): 118 Driller Name: Joseph Kurzynowski

Well was finished: Flush Mount License No.: 0001618

	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt./Rating/Screen Slot # (lbs/sch no.)
Borehole(s)	0	85	14	N/A	N/A
Borehole(s)	0	88	10	N/A	N/A
Borehole(s)	88	118	6	N/A	N/A
Casing(s)	0	85	10	Steel	SCH 40
Casing(s)	0	88	6	Steel	SCH 40
Screen(s)					

	Depth to Top (ft.)	Depth to Bottom (ft.)	Outer Diameter (in)	Inner Diameter (in)	Material		
					Bentonite (lbs.)	Neat Cement (lbs.)	Water (gal.)
Grout	0	85	14	10	105	2100	130
Grout	0	88	10	6	75	1500	90
Gravel Pack							

Grouting Method: Pressure method (Tremie Pipe) Drilling Method: Sonic

Additional Information: OPEN HOLE FROM 88 TO 118

Attachments: \_\_\_\_\_

**RECORD OF TEST**

Depth to Pump: \_\_\_\_\_ ft. below land surface  
Test Date: \_\_\_\_\_ Pump Capacity: \_\_\_\_\_ gpm  
Static Water Level: 5.9 ft. below land surface Total Design Head: \_\_\_\_\_ ft.  
Pumping Water Level: \_\_\_\_\_ ft. below land surface Pump Horsepower: \_\_\_\_\_  
Water Level Measure Tool: M SCOPE If pump tested Discharge Rate: \_\_\_\_\_ gpm  
Pumping Equipment: \_\_\_\_\_ Duration of Test: \_\_\_\_\_ hours  
Well Yield: \_\_\_\_\_ gpm Date Boring Decommissioned: \_\_\_\_\_

**PUMPING EQUIPMENT AND ADDITIONAL INFORMATION**

Well Development Period: 2.5 hours  
Method of Development: \_\_\_\_\_  
Installed: \_\_\_\_\_ Protective Casing: Yes  
Installer's Name: \_\_\_\_\_ Drilling Fluid: \_\_\_\_\_  
Installer's Registration No.: \_\_\_\_\_ Drill Rig: SONIC  
Pump Type: \_\_\_\_\_ Health and Safety Plan: Yes

**GEOLOGIC LOG**

Depth to Top	Depth to Bottom	Color	USCS	Additional Description
0	20	GRAY	GW - Well-graded gravels and gravel-sand mixtures, little or no fines	DGA FILL
20	22	BLACK	PT - Peat, muck, and other highly organic soils	
22	24	RED BROWN	CL - Inorganic clays of low to medium plasticity, gravelly/sandy/silty/lean clays	
24	75	RED BROWN	SW - Well-graded sands and gravelly sands, little or no fines	
75	118	GRAY	CR - Competent Rock	MUD STONE

PENDING APPROVAL

**MONITORING WELL RECORD**

**PROPERTY OWNER:** JERSEY CITY REDEVELOPMENT AGENCY

Company/Organization: Redevelopment Agency

Address: 4 Jackson Square. Jersey City Jersey City, New Jersey 07302

**WELL LOCATION:** PPG

Address: 880 GARFIELD AVE

County: Hudson Municipality: Jersey City Lot: 18.01 Block: 21501

Easting (X): 610897 Northing (Y): 683447  
Coordinate System: NJ State Plane (NAD83) - USFEET

**DATE WELL STARTED:** January 4, 2024

**DATE WELL COMPLETED:** January 10, 2024

**WELL USE:** MONITORING

**Other Use(s):** \_\_\_\_\_ **Local ID:** 114-MW74D

**WELL CONSTRUCTION**

Total Depth Drilled (ft.): 132 Finished Well Depth (ft.): 132 Well Surface: Flush Mount

	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt/Rating/Screen # Used (lbs/ch no.)
Borehole	0	85	14		
Borehole	0	97	10		
Borehole	97	132	6		
Casing	0	97	6	Steel	SCH 40
Casing	0	85	10	Steel	SCH 40
Screen					

	Depth to Top (ft.)	Depth to Bottom (ft.)	Outer Diameter (in.)	Inner Diameter (in.)	Material		
					Bentonite (lbs.)	Neat Cement (lbs.)	Water (gal.)
Grout	0	97	10	6	75	1500	105
Grout	0	85	14	10	105	2100	150
Gravel Pack							

Grouting Method: Pressure method (Tremie Pipe) Drilling Method: Sonic

**ADDITIONAL INFORMATION**

Protective Casing: Yes  
Static Water Level: 6.40 ft. below land surface  
Water Level Measure Tool: M SCOPE  
Well Development Period: 3 hrs.  
Method of Development: PURGE AND SURGE  
Pump Type:

Pump Capacity: 1.94 gpm  
Total Design Head:    ft.  
Drilling Fluid:  
Drill Rig: SONIC  
Health and Safety Plan Submitted? Yes

**ATTACHMENTS:**

**GEOLOGIC LOG**

0 - 16: GRAY GW - Well-graded gravels and gravel-sand mixtures, little or no fines DGA FILL  
16 - 18: BLACK PT - Peat, muck, and other highly organic soils  
18 - 21: GRAY CL - Inorganic clays of low to medium plasticity, gravelly/sandy/silty/lean clays  
21 - 35: BROWN SP - Poorly graded sands and gravelly sands, little or no fines  
35 - 40: RED BROWN MH - Inorganic silts, micaceous or diatomaceous fine sands or silts, elastic silts  
40 - 50: RED BROWN CL - Inorganic clays of low to medium plasticity, gravelly/sandy/silty/lean clays  
50 - 79: RED BROWN SW - Well-graded sands and gravelly sands, little or no fines  
79 - 132: GRAY CR - Competent Rock SANDSTONE

Driller of Record: Joseph Kurzynowski,  
MASTER LICENSE # 0001618

Company: AQUIFER DRILLING & TESTING

**MONITORING WELL RECORD**

**ADDITIONAL INFORMATION:** OPEN HOLE 97 TO 132

**MONITORING WELL RECORD**

**PROPERTY OWNER:** CITY OF JERSEY CITY

Company/Organization: Jersey City

Address: 280 Grove St Jersey City, New Jersey 07302

**WELL LOCATION:** PPG

Address: Halladay Street

County: Hudson

Municipality: Jersey City

Lot: ROW

Block: ROW

Easting (X): 611142 Northing (Y): 682659  
 Coordinate System: NJ State Plane (NAD83) - USFEET

**DATE WELL STARTED:** December 22, 2023

**DATE WELL COMPLETED:** January 3, 2024

**WELL USE:** MONITORING

**Other Use(s):** \_\_\_\_\_

**Local ID:** 114-MW75WR

**WELL CONSTRUCTION**

Total Depth Drilled (ft.): 130

Finished Well Depth (ft.): 122

Well Surface: Flush Mount

	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt/Rating/Screen # Used (lbs/ch no.)
Borehole	0	65	14		
Borehole	65	112	10		
Borehole	112	130	6		
Casing	0	65	10	Steel	SCH 40
Casing	0	116	2	PVC	SCH 40
Casing	0	112	6	Steel	SCH 40
Screen	116	121	2	PVC	10

	Depth to Top (ft.)	Depth to Bottom (ft.)	Outer Diameter (in.)	Inner Diameter (in.)	Material		
					Bentonite (lbs.)	Neat Cement (lbs.)	Water (gal.)
Grout	0	65	14	10	50	1500	120
Grout	0	112	10	6	50	1500	120
Grout	0	111	6	2	30	900	72
Grout	111	113	6	2	25	0	0
Grout	122	130	6	0	50	0	0
Gravel Pack	113	114	6	2	00 SAND		
Gravel Pack	114	121	6	2	00 SAND		
Gravel Pack	121	122	6	0	00 SAND		

Grouting Method: Pressure method (Tremie Pipe)

Drilling Method: Sonic

**ADDITIONAL INFORMATION**

Protective Casing: Yes

Static Water Level: 6 ft. below land surface

Water Level Measure Tool: M SCOPE

Well Development Period: 6 hrs.

Method of Development: PUMP

Pump Type: \_\_\_\_\_

Pump Capacity: \_ gpm

Total Design Head: \_ ft.

Drilling Fluid: \_\_\_\_\_

Drill Rig: SONIC

Health and Safety Plan Submitted? Yes

**ATTACHMENTS:**

**GEOLOGIC LOG**

0 - 13: GRAY GW - Well-graded gravels and gravel-sand mixtures, little or no fines

13 - 25: GRAY PT - Peat, muck, and other highly organic soils

25 - 26: RED BROWN OH - Organic clays of medium to high plasticity

Driller of Record: Joseph Kurzynowski,  
MASTER LICENSE # 0001618

Company: AQUIFER DRILLING & TESTING

**MONITORING WELL RECORD**

26 - 61: RED BROWN SM - Silty sands, sand-silt mixtures
61 - 83: RED BROWN SC - Clayey sands, sand-clay mixtures
83 - 97: RED BROWN OH - Organic clays of medium to high plasticity
97 - 103: RED BROWN GC - Clayey gravels, gravel-sand-clay mixtures
103 - 110: RED BROWN GC - Clayey gravels, gravel-sand-clay mixtures
110 - 123: RED BROWN WR - Weathered Rock SANDSTONE
123 - 130: GRAY CR - Competent Rock SANDSTONE

**ADDITIONAL INFORMATION:** 111TO113 BENTONITE CHIPS 122 to 130 50lbs bentonite chips

**MONITORING WELL RECORD**

**PROPERTY OWNER:** JERSEY CITY REDEVELOPMENT AGENCY

Company/Organization: Redevelopment Agency

Address: 4 Jackson Square (39 KEARNEY AVE) 39 KEARNEY AVE Jersey City, New Jersey 07305

**WELL LOCATION:** Hudson County Site 114

Address: 824 garfield ave

County: Hudson Municipality: Jersey City Lot: 2 Block: 21510

Easting (X): 610739 Northing (Y): 682957  
 Coordinate System: NJ State Plane (NAD83) - USFEET

**DATE WELL STARTED:** June 11, 2024

**DATE WELL COMPLETED:** June 18, 2024

**WELL USE:** MONITORING

**Other Use(s):** \_\_\_\_\_ **Local ID:** 114-mw76d

**WELL CONSTRUCTION**

Total Depth Drilled (ft.): 124 Finished Well Depth (ft.): 124 Well Surface: Above Grade

	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt/Rating/Screen # Used (lbs/ch no.)
Borehole	0	75	14		
Borehole	75	99	10		
Borehole	99	124	6		
Casing	0	99	6	Steel	SCH 40
Casing	0	75	10	Steel	SCH 40
Screen					

	Depth to Top (ft.)	Depth to Bottom (ft.)	Outer Diameter (in.)	Inner Diameter (in.)	Material		
					Bentonite (lbs.)	Neat Cement (lbs.)	Water (gal.)
Grout	0	99	10	6	100	1800	110
Grout	0	75	14	10	100	1800	110
Gravel Pack							

Grouting Method: Pressure method (Tremie Pipe) Drilling Method: Sonic

**ADDITIONAL INFORMATION**

Protective Casing: Yes Pump Capacity: \_ gpm  
 Static Water Level: 10 ft. below land surface Total Design Head: \_ ft.  
 Water Level Measure Tool: M SCOPE Drilling Fluid:  
 Well Development Period: 2 hrs. Drill Rig: SONIC  
 Method of Development: PURGE AND SURGE Health and Safety Plan Submitted? Yes  
 Pump Type:

**ATTACHMENTS:**

<b>GEOLOGIC LOG</b>
0 - 17: GRAY GP - Poorly graded gravels and gravel-sand mixtures, little or no fines FILL
17 - 20: BLACK PT - Peat, muck, and other highly organic soils
20 - 22.5: GRAY CL - Inorganic clays of low to medium plasticity, gravelly/sandy/silty/lean clays
22.5 - 70: RED BROWN SP - Poorly graded sands and gravelly sands, little or no fines
70 - 75: GRAY WR - Weathered Rock SANDSTONE
75 - 124: GRAY CR - Competent Rock STOCKTON FORMATION

**ADDITIONAL INFORMATION:** ROCK WELL OPEN HOLE FROM 99 TO 124 FT

Driller of Record: Joseph Kurzynowski, MASTER LICENSE # 0001618 Company: AQUIFER DRILLING & TESTING

**MONITORING WELL RECORD**

**PROPERTY OWNER:** JERSEY CITY REDEVELOPMENT AGENCY

Company/Organization: Redevelopment Agency

Address: 4 Jackson Square (39 KEARNEY AVE) 39 KEARNEY AVE Jersey City, New Jersey 07305

**WELL LOCATION:** Hudson County Site 114

Address: 880 Garfield Ave

County: Hudson Municipality: Jersey City Lot: 20.01 Block: 21501

Easting (X): <u>611051</u> Northing (Y): <u>683389</u> Coordinate System: <u>NJ State Plane (NAD83) - USFEET</u>
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**DATE WELL STARTED:** May 2, 2024  
**DATE WELL COMPLETED:** May 3, 2024

**WELL USE:** MONITORING

**Other Use(s):** \_\_\_\_\_ **Local ID:** 114-MW76WR

**WELL CONSTRUCTION**

Total Depth Drilled (ft.): 65 Finished Well Depth (ft.): 65 Well Surface: Flush Mount

	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt/Rating/Screen # Used (lbs/ch no.)
Borehole	0	40	14		
Borehole	40	65	8		
Casing	0	55	4	PVC	SCH 40
Casing	0	40	10	Steel	SCH 40
Screen	55	65	4	STAINLESS STEEL	10

	Depth to Top (ft.)	Depth to Bottom (ft.)	Outer Diameter (in.)	Inner Diameter (in.)	Material		
					Bentonite (lbs.)	Neat Cement (lbs.)	Water (gal.)
Grout	0	51	8	4	50	1000	75
Grout	51	53	8	4	25	0	0
Gravel Pack	53	54	8	4	00 SAND		
Gravel Pack	54	65	8	4	0 SAND		

Grouting Method: Pressure method (Tremie Pipe) Drilling Method: Sonic

**ADDITIONAL INFORMATION**

Protective Casing: Yes  
 Static Water Level: 6 ft. below land surface  
 Water Level Measure Tool: M SCOPE  
 Well Development Period: 1.5 hrs.  
 Method of Development: PURGE AND SURGE  
 Pump Type: \_\_\_\_\_

Pump Capacity:    gpm  
 Total Design Head:    ft.  
 Drilling Fluid: \_\_\_\_\_  
 Drill Rig: SONIC  
 Health and Safety Plan Submitted? Yes

**ATTACHMENTS:**

<b>GEOLOGIC LOG</b>
0 - 17: GRAY SM - Silty sands, sand-silt mixtures DGA FILL
17 - 21: BLACK PT - Peat, muck, and other highly organic soils
21 - 27: RED BROWN SM - Silty sands, sand-silt mixtures
27 - 38: RED BROWN SP - Poorly graded sands and gravelly sands, little or no fines
38 - 40: RED BROWN OH - Organic clays of medium to high plasticity
40 - 45: RED BROWN CL - Inorganic clays of low to medium plasticity, gravelly/sandy/silty/lean clays
45 - 55: RED BROWN ML - Inorganic silts, very fine sands, rock four, silty or clayey fine sands
55 - 65: GRAY CR - Competent Rock SANDSTONE

**ADDITIONAL INFORMATION: BENTONITE CHIPS 51 TO 53**

Driller of Record: Joseph Kurzynowski, MASTER LICENSE # 0001618 Company: AQUIFER DRILLING & TESTING

**MONITORING WELL RECORD**

**MONITORING WELL RECORD**

**PROPERTY OWNER:** JERSEY CITY REDEVELOPMENT AGENCY

Company/Organization: Redevelopment Agency

Address: 4 Jackson Square (39 KEARNEY AVE) 39 KEARNEY AVE Jersey City, New Jersey 07305

**WELL LOCATION:** Hudson County Site 114

Address: 880 Garfield Ave

County: Hudson Municipality: Jersey City Lot: 18.01 Block: 21501

Easting (X): 611023 Northing (Y): 683308  
Coordinate System: NJ State Plane (NAD83) - USFEET

**DATE WELL STARTED:** May 6, 2024

**DATE WELL COMPLETED:** May 7, 2024

**WELL USE:** MONITORING

**Other Use(s):** \_\_\_\_\_

**Local ID:** 114-MW77WR

**WELL CONSTRUCTION**

Total Depth Drilled (ft.): 65 Finished Well Depth (ft.): 65 Well Surface: Flush Mount

	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt/Rating/Screen # Used (lbs/ch no.)
Borehole	0	45	14		
Borehole	45	65	8		
Casing	0	45	10	Steel	SCH 40
Casing	0	55	4	PVC	SCH 40
Screen	55	65	4	STAINLESS STEEL	10

	Depth to Top (ft.)	Depth to Bottom (ft.)	Outer Diameter (in.)	Inner Diameter (in.)	Material		
					Bentonite (lbs.)	Neat Cement (lbs.)	Water (gal.)
Grout	0	45	14	10	50	1000	75
Grout	0	51	8	4	30	600	40
Grout	51	53	8	4	25	0	0
Gravel Pack	53	54	8	4	00 SAND		
Gravel Pack	54	65	8	4	0 SAND		

Grouting Method: Pressure method (Tremie Pipe)

Drilling Method: Sonic

**ADDITIONAL INFORMATION**

Protective Casing: Yes

Static Water Level: 6.2 ft. below land surface

Water Level Measure Tool: M SCOPE

Well Development Period: 2 hrs.

Method of Development: PURGE AND SURGE

Pump Type: \_\_\_\_\_

Pump Capacity: \_ gpm

Total Design Head: \_ ft.

Drilling Fluid: \_\_\_\_\_

Drill Rig: SONIC

Health and Safety Plan Submitted? Yes

**ATTACHMENTS:**

**GEOLOGIC LOG**

0 - 18: GRAY SP - Poorly graded sands and gravelly sands, little or no fines DGA FILL

18 - 22.5: BLACK PT - Peat, muck, and other highly organic soils

22.5 - 36: RED BROWN SM - Silty sands, sand-silt mixtures

36 - 45: RED BROWN CH - Inorganic clays or high plasticity, fat clays

45 - 65: RED BROWN ML - Inorganic silts, very fine sands, rock four, silty or clayey fine sands

**ADDITIONAL INFORMATION:** BENTONITE CHIPS 51 TO 53

Driller of Record: Joseph Kurzynowski,  
MASTER LICENSE # 0001618

Company: AQUIFER DRILLING & TESTING

**MONITORING WELL RECORD**

**PROPERTY OWNER:** CITY OF JERSEY CITY

Company/Organization: Jersey City

Address: 280 Grove St Jersey City, New Jersey 07302

**WELL LOCATION:** Hudson County Site 114

Address: CARTERET AVE ROADWAY

County: Hudson Municipality: Jersey City Lot: ROADWAY Block: ROADWAY

Easting (X): <u>610979</u> Northing (Y): <u>683145</u> Coordinate System: <u>NJ State Plane (NAD83) - USFEET</u>
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**DATE WELL STARTED:** May 8, 2024

**DATE WELL COMPLETED:** May 9, 2024

**WELL USE:** MONITORING

**Other Use(s):** \_\_\_\_\_

**Local ID:** 114-MW78WR

**WELL CONSTRUCTION**

Total Depth Drilled (ft.): 85 Finished Well Depth (ft.): 85 Well Surface: Flush Mount

	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt/Rating/Screen # Used (lbs/ch no.)
Borehole	0	45	14		
Borehole	45	85	8		
Casing	0	45	10	Steel	SCH 40
Casing	0	75	4	PVC	SCH 40
Screen	75	85	4	STAINLESS STEEL	10

	Depth to Top (ft.)	Depth to Bottom (ft.)	Outer Diameter (in.)	Inner Diameter (in.)	Material		
					Bentonite (lbs.)	Neat Cement (lbs.)	Water (gal.)
Grout	0	45	14	10	50	1000	75
Grout	0	71	8	4	45	900	70
Grout	71	73	8	4	25	0	0
Gravel Pack	73	74	8	4	00 SAND		
Gravel Pack	74	85	8	4	0 SAND		

Grouting Method: Pressure method (Tremie Pipe)

Drilling Method: Sonic

**ADDITIONAL INFORMATION**

Protective Casing: Yes

Static Water Level: 5.4 ft. below land surface

Water Level Measure Tool: M SCOPE

Well Development Period: 2 hrs.

Method of Development: PURGE AND SURGE

Pump Type: \_\_\_\_\_

Pump Capacity: \_ gpm

Total Design Head: \_ ft.

Drilling Fluid: \_\_\_\_\_

Drill Rig: SONIC

Health and Safety Plan Submitted? Yes

**ATTACHMENTS:**

**GEOLOGIC LOG**

0 - 20: GRAY SM - Silty sands, sand-silt mixtures DGA FILL

20 - 40: RED BROWN SW - Well-graded sands and gravelly sands, little or no fines

40 - 60: RED BROWN SC - Clayey sands, sand-clay mixtures

60 - 65: RED BROWN SW - Well-graded sands and gravelly sands, little or no fines

65 - 75: RED BROWN ML - Inorganic silts, very fine sands, rock four, silty or clayey fine sands

75 - 85: GRAY CR - Competent Rock SANDSTONE

**ADDITIONAL INFORMATION:** BENTONITE CHIPS 71 TO 73

Driller of Record: Joseph Kurzynowski, MASTER LICENSE # 0001618

Company: AQUIFER DRILLING & TESTING

**MONITORING WELL RECORD**

**PROPERTY OWNER:** JERSEY CITY REDEVELOPMENT AGENCY

Company/Organization: Redevelopment Agency

Address: 4 Jackson Square (39 KEARNEY AVE) 39 KEARNEY AVE Jersey City, New Jersey 07305

**WELL LOCATION:** Hudson County Site 114

Address: 880 Garfield Ave

County: Hudson Municipality: Jersey City Lot: 18.01 Block: 21501

Easting (X): 610902 Northing (Y): 683450  
 Coordinate System: NJ State Plane (NAD83) - USFEET

**DATE WELL STARTED:** May 23, 2024

**DATE WELL COMPLETED:** May 29, 2024

**WELL USE:** MONITORING

**Other Use(s):** \_\_\_\_\_ **Local ID:** 114-MW79WR

**WELL CONSTRUCTION**

Total Depth Drilled (ft.): 81 Finished Well Depth (ft.): 81 Well Surface: Flush Mount

	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt/Rating/Screen # Used (lbs/ch no.)
Borehole	0	45	12		
Borehole	45	81	8		
Casing	0	45	8	Steel	SCH 40
Casing	0	71	4	PVC	SCH 40
Screen	71	81	4	STAINLESS STEEL	10

	Depth to Top (ft.)	Depth to Bottom (ft.)	Outer Diameter (in.)	Inner Diameter (in.)	Material		
					Bentonite (lbs.)	Neat Cement (lbs.)	Water (gal.)
Grout	0	67	8	4	45	900	65
Grout	0	45	12	8	45	900	65
Grout	67	69	8	4	25	0	0
Gravel Pack	69	70	8	4	00 SAND		
Gravel Pack	70	81	8	4	0 SAND		

Grouting Method: Pressure method (Tremie Pipe) Drilling Method: Sonic

**ADDITIONAL INFORMATION**

Protective Casing: Yes  
 Static Water Level: 9 ft. below land surface  
 Water Level Measure Tool: M SCOPE  
 Well Development Period: 2 hrs.  
 Method of Development: PURGE AND SURGE  
 Pump Type:

Pump Capacity:   gpm  
 Total Design Head:   ft.  
 Drilling Fluid:  
 Drill Rig: SONIC  
 Health and Safety Plan Submitted? Yes

**ATTACHMENTS:**

<b>GEOLOGIC LOG</b>
0 - 18: BROWN GM - Silty gravels, gravel-sand-silt mixtures DGA FILL
18 - 19: BLACK PT - Peat, muck, and other highly organic soils
19 - 21: RED BROWN OL - Organic silts and organic silty clays of low plasticity
21 - 40: RED BROWN SP - Poorly graded sands and gravelly sands, little or no fines
40 - 54: RED BROWN CL - Inorganic clays of low to medium plasticity, gravelly/sandy/silty/lean clays
54 - 70: RED BROWN SM - Silty sands, sand-silt mixtures
70 - 81: GREY CR - Competent Rock SANDSTONE

**ADDITIONAL INFORMATION: BENTONITE CHIPS FROM 67 TO 69 FT**

Driller of Record: Joseph Kurzynowski, MASTER LICENSE # 0001618 Company: AQUIFER DRILLING & TESTING

**MONITORING WELL RECORD**

**PROPERTY OWNER:** JERSEY CITY REDEVELOPMENT AGENCY

Company/Organization: Redevelopment Agency

Address: 4 Jackson Square (39 KEARNEY AVE) 39 KEARNEY AVE Jersey City, New Jersey 07305

**WELL LOCATION:** Hudson County Site 114

Address: 880 Garfield Ave

County: Hudson Municipality: Jersey City Lot: 18.01 Block: 21501

Easting (X): 611128 Northing (Y): 683131  
Coordinate System: NJ State Plane (NAD83) - USFEET

**DATE WELL STARTED:** June 5, 2024

**DATE WELL COMPLETED:** June 10, 2024

**WELL USE:** MONITORING

**Other Use(s):** \_\_\_\_\_

**Local ID:** 114-MW80WR

**WELL CONSTRUCTION**

Total Depth Drilled (ft.): 94 Finished Well Depth (ft.): 94 Well Surface: Flush Mount

	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt/Rating/Screen # Used (lbs/ch no.)
Borehole	0	50	12		
Borehole	50	94	8		
Casing	0	84	4	PVC	SCH 40
Casing	0	50	8	Steel	SCH 40
Screen	84	94	4	STAINLESS STEEL	10

	Depth to Top (ft.)	Depth to Bottom (ft.)	Outer Diameter (in.)	Inner Diameter (in.)	Material		
					Bentonite (lbs.)	Neat Cement (lbs.)	Water (gal.)
Grout	0	50	12	8	45	900	65
Grout	0	80	8	4	50	1000	72
Grout	80	82	8	4	25	0	0
Gravel Pack	82	83	8	4	00 SAND		
Gravel Pack	83	94	8	4	0 SAND		

Grouting Method: Pressure method (Tremie Pipe)

Drilling Method: Sonic

**ADDITIONAL INFORMATION**

Protective Casing: Yes

Static Water Level: 10 ft. below land surface

Water Level Measure Tool: M SCOPE

Well Development Period: 1.5 hrs.

Method of Development: PURGE AND SURGE

Pump Type: \_\_\_\_\_

Pump Capacity: \_ gpm

Total Design Head: \_ ft.

Drilling Fluid: \_\_\_\_\_

Drill Rig: SONIC

Health and Safety Plan Submitted? Yes

**ATTACHMENTS:**

**GEOLOGIC LOG**

0 - 14: GRAY GW - Well-graded gravels and gravel-sand mixtures, little or no fines FILL

14 - 21: BLACK PT - Peat, muck, and other highly organic soils

21 - 48: RED BROWN SP - Poorly graded sands and gravelly sands, little or no fines

48 - 55: RED BROWN CL - Inorganic clays of low to medium plasticity, gravelly/sandy/silty/lean clays

55 - 80: RED BROWN SM - Silty sands, sand-silt mixtures

80 - 94: GRAY WR - Weathered Rock STOCKTON FORMATION

**ADDITIONAL INFORMATION:** BENTONITE PELLETS FROM 80 TO 82 FT

Driller of Record: Joseph Kurzynowski,  
MASTER LICENSE # 0001618

Company: AQUIFER DRILLING & TESTING

This document has not yet been reviewed and approved or denied by the NJ DEP. Deficiencies in submittal information or actual construction may result in denial.

**WELL RECORD SUBMITTAL PDF**

**PROPERTY OWNER:** Jersey City Redevelopment Agency Jersey City Redevelopment Agency

Organization: Redevelopment Agency

Address: 4 Jackson Square (39 KEARNEY AVE), 39 KEARNEY AVE, Jersey City (Hudson), New Jersey 07305

**WELL LOCATION:** Hudson County Chormate Site 132

Address: 824 GARFIELD AVE

County: Hudson Municipality: Jersey City Lot: 2 Block: 21510

Easting(X): 610795 Northing(Y): 683046 Coordinate System: NJ State Plane (NAD83) - USFEET

Method: Survey frm Benchmark Point of Reference: Well

GPS Manufacturer: \_\_\_\_\_ Surveyor Name: JOHN D.BEATTIE

GPS Model: \_\_\_\_\_ Surveyor License #: 24GS04331900

Accuracy: 1 Accuracy units: Feet

**WELL USE:** Monitoring **DATE WELL STARTED:** 11/14/2024

**Other Use(s):** \_\_\_\_\_ **DATE WELL COMPLETED:** 11/21/2024

**WELL CONSTRUCTION**

**Permit Number** E202411518 **Total Depth Drilled(ft):** 125 **Drilling Company:** \_\_\_\_\_  
**Local ID:** 114-MW81D **Finished Well Depth(ft):** 125 **Driller Name:** Joseph Kurzynowski  
**Well was finished:** Above Grade **License No.:** 0001618

	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt./Rating/Screen Slot # (lbs/sch no.)
Borehole(s)	0	75	14	N/A	N/A
Borehole(s)	75	100	10	N/A	N/A
Borehole(s)	100	125	6	N/A	N/A
Casing(s)	0	75	10	Steel	SCH 40
Casing(s)	0	100	6	Steel	SCH 40
Screen(s)					

	Depth to Top (ft.)	Depth to Bottom (ft.)	Outer Diameter (in)	Inner Diameter (in)	Material		
					Bentonite (lbs.)	Neat Cement (lbs.)	Water (gal.)
Grout	0	75	14	10	90	1800	120
Grout	0	100	10	6	90	1800	120
Gravel Pack							

Grouting Method: Pressure method (Tremie Pipe) Drilling Method: Sonic

Additional Information: OPEN 6 INCH BOREHOLE 100 TO 125 FEET

Attachments: \_\_\_\_\_

**RECORD OF TEST**

Test Date: \_\_\_\_\_ Depth to Pump: \_\_\_\_\_ ft. below land surface  
Static Water Level: 9.65 ft. below land surface Pump Capacity: \_\_\_\_\_ gpm  
Pumping Water Level: \_\_\_\_\_ ft. below land surface Total Design Head: \_\_\_\_\_ ft.  
Water Level Measure Tool: M SCOPE If pump tested Discharge Rate: \_\_\_\_\_ gpm  
Pumping Equipment: \_\_\_\_\_ Duration of Test: \_\_\_\_\_ hours  
Well Yield: \_\_\_\_\_ gpm Date Boring Decommissioned: \_\_\_\_\_

**PUMPING EQUIPMENT AND ADDITIONAL INFORMATION**

Well Development Period: 4 hours  
Method of Development: \_\_\_\_\_  
Installed: \_\_\_\_\_ Protective Casing: Yes  
Installer's Name: \_\_\_\_\_ Drilling Fluid: \_\_\_\_\_  
Installer's Registration No.: \_\_\_\_\_ Drill Rig: SONIC  
Pump Type: \_\_\_\_\_ Health and Safety Plan: Yes

**GEOLOGIC LOG**

Depth to Top	Depth to Bottom	Color	USCS	Additional Description
0	19.5	GRAY	SW - Well-graded sands and gravelly sands, little or no fines	DGA FILL
19.5	23.5	BLACK	OL - Organic silts and organic silty clays of low plasticity	
23.5	37.5	RED BROWN	SW - Well-graded sands and gravelly sands, little or no fines	
37.5	45	RED BROWN	CL - Inorganic clays of low to medium plasticity, gravelly/sandy/silty/lean clays	
45	46	RED BROWN	SW - Well-graded sands and gravelly sands, little or no fines	
46	50	RED BROWN	CL - Inorganic clays of low to medium plasticity, gravelly/sandy/silty/lean clays	
50	57	RED BROWN	SW - Well-graded sands and gravelly sands, little or no fines	
57	71.5	RED BROWN	SM - Silty sands, sand-silt mixtures	
71.5	95	GRAY	WR - Weathered Rock	LOCKATONG FORMATION

95	125	GRAY	CR - Competent Rock	LOCKATONG FORMATION
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**PENDING  
APPROVAL**

**MONITORING WELL RECORD**

**PROPERTY OWNER:** 900 GARFIELD AVE RYAN LLC 900 GARFIELD AVE RYAN LLC

Company/Organization: 900 GARFIELD AVE RYAN LLC

Address: 21 SOUTH STREET #4 FL Morristown, New Jersey 07960

**WELL LOCATION:** Hudson County Site 114

Address: 900 Garfield Ave

County: Hudson Municipality: Jersey City Lot: 20.01 Block: 21501

Easting (X): 611277 Northing (Y): 683588  
 Coordinate System: NJ State Plane (NAD83) - USFEET

**DATE WELL STARTED:** May 9, 2024

**DATE WELL COMPLETED:** May 10, 2024

**WELL USE:** INJECTION

**Other Use(s):** \_\_\_\_\_ **Local ID:** 114-PW-03T

**WELL CONSTRUCTION**

Total Depth Drilled (ft.): 74 Finished Well Depth (ft.): 67 Well Surface: Above Grade

	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt/Rating/Screen # Used (lbs/ch no.)
Borehole	0	74	8		
Casing	0	57	4	PVC	SCH 40
Screen	57	67	4	STAINLESS STEEL	10

	Depth to Top (ft.)	Depth to Bottom (ft.)	Outer Diameter (in.)	Inner Diameter (in.)	Material		
					Bentonite (lbs.)	Neat Cement (lbs.)	Water (gal.)
Grout	0	53	8	4	30	600	40
Grout	53	55	8	4	25	0	0
Grout	69	74	8	0	100	0	0
Gravel Pack	55	56	8	4	00 SAND		
Gravel Pack	56	67	8	4	01 SAND		
Gravel Pack	67	69	8	0	00 SAND		

Grouting Method: Pressure method (Tremie Pipe) Drilling Method: Sonic

**ADDITIONAL INFORMATION**

Protective Casing: Yes Pump Capacity: \_ gpm  
 Static Water Level: 9.3 ft. below land surface Total Design Head: \_ ft.  
 Water Level Measure Tool: M SCOPE Drilling Fluid:  
 Well Development Period: 2 hrs. Drill Rig: SONIC  
 Method of Development: PURGE AND SURGE Health and Safety Plan Submitted? Yes  
 Pump Type:

**ATTACHMENTS:**

**GEOLOGIC LOG**

0 - 15: GRAY SP - Poorly graded sands and gravelly sands, little or no fines DGA FILL  
 15 - 20: DARK BROWN PT - Peat, muck, and other highly organic soils  
 20 - 34: RED BROWN SP - Poorly graded sands and gravelly sands, little or no fines  
 34 - 40: RED BROWN MH - Inorganic silts, micaceous or diatomaceous fine sands or silts, elastic silts  
 40 - 49: RED BROWN CL - Inorganic clays of low to medium plasticity, gravelly/sandy/silty/lean clays  
 49 - 69: RED BROWN SP - Poorly graded sands and gravelly sands, little or no fines  
 69 - 74: GRAY CR - Competent Rock SANDSTONE

**ADDITIONAL INFORMATION:** BENTONITE PELLETS BETWEEN 53 TO 55 AND 69 TO 74

Driller of Record: Joseph Kurzynowski, MASTER LICENSE # 0001618 Company: AQUIFER DRILLING & TESTING

**MONITORING WELL RECORD**

**PROPERTY OWNER:** JERSEY CITY REDEVELOPMENT AGENCY

Company/Organization: Redevelopment Agency

Address: 39 KEARNEY AVE 39 KEARNEY AVE Jersey City, New Jersey 07305

**WELL LOCATION:** Hudson County Site 114

Address: 880 Garfield Ave

County: Hudson Municipality: Jersey City Lot: 18.01 Block: 21501

Easting (X): 610908 Northing (Y): 683444  
Coordinate System: NJ State Plane (NAD83) - USFEET

**DATE WELL STARTED:** May 13, 2024

**DATE WELL COMPLETED:** May 14, 2024

**WELL USE:** INJECTION

**Other Use(s):** \_\_\_\_\_

**Local ID:** 114-PW-01WR

**WELL CONSTRUCTION**

Total Depth Drilled (ft.): 95 Finished Well Depth (ft.): 95 Well Surface: Above Grade

	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt/Rating/Screen # Used (lbs/ch no.)
Borehole	0	81	12		
Borehole	81	95	8		
Casing	0	85	4	PVC	SCH 40
Casing	0	81	8	Steel	SCH 40
Screen	85	95	4	STAINLESS STEEL	10

	Depth to Top (ft.)	Depth to Bottom (ft.)	Outer Diameter (in.)	Inner Diameter (in.)	Material		
					Bentonite (lbs.)	Neat Cement (lbs.)	Water (gal.)
Grout	0	81	12	8	90	1800	110
Grout	0	82	8	4	45	900	60
Grout	82	84	8	4	25	0	0
Gravel Pack	83	84	8	4	00 SAND		
Gravel Pack	84	95	8	4	0 SAND		

Grouting Method: Pressure method (Tremie Pipe)

Drilling Method: Sonic

**ADDITIONAL INFORMATION**

Protective Casing: Yes

Static Water Level: 10.8 ft. below land surface

Water Level Measure Tool: M SCOPE

Well Development Period: 1.5 hrs.

Method of Development: PURGE AND SURGE

Pump Type: \_\_\_\_\_

Pump Capacity: \_ gpm

Total Design Head: \_ ft.

Drilling Fluid: \_\_\_\_\_

Drill Rig: SONIC

Health and Safety Plan Submitted? Yes

**ATTACHMENTS:**

**GEOLOGIC LOG**

0 - 15: GRAY GW - Well-graded gravels and gravel-sand mixtures, little or no fines FILL

15 - 18: BLACK PT - Peat, muck, and other highly organic soils

18 - 23: GRAY CL - Inorganic clays of low to medium plasticity, gravelly/sandy/silty/lean clays

23 - 40: RED BROWN SP - Poorly graded sands and gravelly sands, little or no fines

40 - 55: RED BROWN CL - Inorganic clays of low to medium plasticity, gravelly/sandy/silty/lean clays

55 - 75: RED BROWN SP - Poorly graded sands and gravelly sands, little or no fines

75 - 85: RED BROWN SW - Well-graded sands and gravelly sands, little or no fines

85 - 95: GRAY WR - Weathered Rock SANDSTONE

Driller of Record: Joseph Kurzynowski,  
MASTER LICENSE # 0001618

Company: AQUIFER DRILLING & TESTING

**MONITORING WELL RECORD**

**ADDITIONAL INFORMATION:** BENTONITE CHIPS FROM 82 TO 84 FT

**MONITORING WELL RECORD**

**PROPERTY OWNER:** JERSEY CITY REDEVELOPMENT AGENCY

Company/Organization: Redevelopment Agency

Address: 39 KEARNEY AVE 39 KEARNEY AVE Jersey City, New Jersey 07305

**WELL LOCATION:** Hudson County Site 114

Address: 880 Garfield Ave

County: Hudson Municipality: Jersey City Lot: 18.01 Block: 21501

Easting (X): 610933 Northing (Y): 683487  
Coordinate System: NJ State Plane (NAD83) - USFEET

**DATE WELL STARTED:** May 16, 2024

**DATE WELL COMPLETED:** May 17, 2024

**WELL USE:** INJECTION

**Other Use(s):** \_\_\_\_\_

**Local ID:** 114-PW-02WR

**WELL CONSTRUCTION**

Total Depth Drilled (ft.): 93 Finished Well Depth (ft.): 93 Well Surface: Above Grade

	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt/Rating/Screen # Used (lbs/ch no.)
Borehole	0	79	12		
Borehole	79	93	8		
Casing	0	83	4	PVC	SCH 40
Casing	0	79	8	Steel	SCH 40
Screen	83	93	4	PVC	10

	Depth to Top (ft.)	Depth to Bottom (ft.)	Outer Diameter (in.)	Inner Diameter (in.)	Material		
					Bentonite (lbs.)	Neat Cement (lbs.)	Water (gal.)
Grout	0	79	12	8	100	1800	110
Grout	0	79	8	4	50	900	60
Grout	79	81	8	4	25	0	0
Gravel Pack	81	82	8	4	00 SAND		
Gravel Pack	82	93	8	4	0 SAND		

Grouting Method: Pressure method (Tremie Pipe)

Drilling Method: Sonic

**ADDITIONAL INFORMATION**

Protective Casing: Yes

Static Water Level: 10.5 ft. below land surface

Water Level Measure Tool: M SCOPE

Well Development Period: 1 hrs.

Method of Development: PURGE AND SURGE

Pump Type: \_\_\_\_\_

Pump Capacity:   gpm

Total Design Head:   ft.

Drilling Fluid: \_\_\_\_\_

Drill Rig: SONIC

Health and Safety Plan Submitted? Yes

**ATTACHMENTS:**

**GEOLOGIC LOG**

0 - 18: GRAY BROWN GW - Well-graded gravels and gravel-sand mixtures, little or no fines DGA FILL

18 - 20: BLACK PT - Peat, muck, and other highly organic soils

20 - 30: GRAY CL - Inorganic clays of low to medium plasticity, gravelly/sandy/silty/lean clays

30 - 44: RED BROWN SP - Poorly graded sands and gravelly sands, little or no fines

44 - 56: RED BROWN CL - Inorganic clays of low to medium plasticity, gravelly/sandy/silty/lean clays

56 - 82: RED BROWN ML - Inorganic silts, very fine sands, rock four, silty or clayey fine sands

82 - 93: GRAY WR - Weathered Rock SANDSTONE

**ADDITIONAL INFORMATION: BENTONITE CHIPS 79 TO 81 FT**

Driller of Record: Joseph Kurzynowski, MASTER LICENSE # 0001618

Company: AQUIFER DRILLING & TESTING

**MONITORING WELL RECORD**

**PROPERTY OWNER:** JERSEY CITY REDEVELOPMENT AGENCY

Company/Organization: Redevelopment Agency

Address: 39 KEARNEY AVE 39 KEARNEY AVE Jersey City, New Jersey 07305

**WELL LOCATION:** Hudson County Site 114

Address: 880 Garfield Ave

County: Hudson Municipality: Jersey City Lot: 18.01 Block: 21501

Easting (X): 610958 Northing (Y): 683529  
 Coordinate System: NJ State Plane (NAD83) - USFEET

**DATE WELL STARTED:** May 24, 2024

**DATE WELL COMPLETED:** May 28, 2024

**WELL USE:** INJECTION

**Other Use(s):** \_\_\_\_\_

**Local ID:** 114-PW-03WR

**WELL CONSTRUCTION**

Total Depth Drilled (ft.): 91 Finished Well Depth (ft.): 91 Well Surface: Above Grade

	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt/Rating/Screen # Used (lbs/ch no.)
Borehole	0	91	8		
Casing	0	81	4	PVC	SCH 40
Screen	81	91	4	STAINLESS STEEL	10

	Depth to Top (ft.)	Depth to Bottom (ft.)	Outer Diameter (in.)	Inner Diameter (in.)	Material		
					Bentonite (lbs.)	Neat Cement (lbs.)	Water (gal.)
Grout	0	76	8	4	50	1000	60
Grout	76	78	8	4	25	0	0
Gravel Pack	78	80	8	4	00 SAND		
Gravel Pack	80	91	8	4	0 SAND		

Grouting Method: Pressure method (Tremie Pipe)

Drilling Method: Sonic

**ADDITIONAL INFORMATION**

Protective Casing: Yes

Static Water Level: 11.5 ft. below land surface

Water Level Measure Tool: M SCOPE

Well Development Period: 2 hrs.

Method of Development: PURGE AND SURGE

Pump Type: \_\_\_\_\_

Pump Capacity:    gpm

Total Design Head:    ft.

Drilling Fluid: \_\_\_\_\_

Drill Rig: SONIC

Health and Safety Plan Submitted? Yes

**ATTACHMENTS:**

**GEOLOGIC LOG**

0 - 21: GRAY GP - Poorly graded gravels and gravel-sand mixtures, little or no fines FILL

21 - 23: BLACK PT - Peat, muck, and other highly organic soils

23 - 45: RED BROWN SP - Poorly graded sands and gravelly sands, little or no fines

45 - 53: RED BROWN ML - Inorganic silts, very fine sands, rock four, silty or clayey fine sands

53 - 60: RED BROWN CL - Inorganic clays of low to medium plasticity, gravelly/sandy/silty/lean clays

60 - 82: RED BROWN SW - Well-graded sands and gravelly sands, little or no fines

82 - 91: GRAY CR - Competent Rock SANDSTONE

**ADDITIONAL INFORMATION:** BENTONITE PELLETS 76 TO 78

Driller of Record: Joseph Kurzynowski, MASTER LICENSE # 0001618

Company: AQUIFER DRILLING & TESTING

**MONITORING WELL RECORD**

**PROPERTY OWNER:** JERSEY CITY REDEVELOPMENT AGENCY

Company/Organization: Redevelopment Agency

Address: 4 Jackson Square (39 KEARNEY AVE) 39 KEARNEY AVE Jersey City, New Jersey 07305

**WELL LOCATION:** Hudson County Site 114

Address: 880 Garfield Ave

County: Hudson Municipality: Jersey City Lot: 18.01 Block: 21501

Easting (X): 611148 Northing (Y): 683453  
 Coordinate System: NJ State Plane (NAD83) - USFEET

**DATE WELL STARTED:** May 30, 2024

**DATE WELL COMPLETED:** May 31, 2024

**WELL USE:** INJECTION

**Other Use(s):** \_\_\_\_\_

**Local ID:** 114-PW-04WR

**WELL CONSTRUCTION**

Total Depth Drilled (ft.): 54 Finished Well Depth (ft.): 54 Well Surface: Above Grade

	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt/Rating/Screen # Used (lbs/ch no.)
Borehole	0	54	8		
Casing	0	44	4	PVC	SCH 40
Screen	44	54	4	STAINLESS STEEL	10

	Depth to Top (ft.)	Depth to Bottom (ft.)	Outer Diameter (in.)	Inner Diameter (in.)	Material		
					Bentonite (lbs.)	Neat Cement (lbs.)	Water (gal.)
Grout	0	40	8	4	25	500	32
Grout	40	42	8	4	25	0	0
Gravel Pack	42	43	8	4	00 SAND		
Gravel Pack	43	54	8	4	0 SAND		

Grouting Method: Pressure method (Tremie Pipe)

Drilling Method: Sonic

**ADDITIONAL INFORMATION**

Protective Casing: Yes

Static Water Level: 9.9 ft. below land surface

Water Level Measure Tool: M SCOPE

Well Development Period: 2 hrs.

Method of Development: PURGE AND SURGE

Pump Type: \_\_\_\_\_

Pump Capacity: \_ gpm

Total Design Head: \_ ft.

Drilling Fluid: \_\_\_\_\_

Drill Rig: SONIC

Health and Safety Plan Submitted? Yes

**ATTACHMENTS:**

**GEOLOGIC LOG**

0 - 20: GRAY SP - Poorly graded sands and gravelly sands, little or no fines FILL

20 - 24.5: BROWN SP - Poorly graded sands and gravelly sands, little or no fines

24.5 - 34.5: RED BROWN CL - Inorganic clays of low to medium plasticity, gravelly/sandy/silty/lean clays

34.5 - 42: RED BROWN SP - Poorly graded sands and gravelly sands, little or no fines

42 - 44: GRAY WR - Weathered Rock SANDSTONE

44 - 54: GRAY CR - Competent Rock STOCKTON FORMATION

**ADDITIONAL INFORMATION:** BENTONITE PELLETS 40 TO 42

Driller of Record: Joseph Kurzynowski, MASTER LICENSE # 0001618

Company: AQUIFER DRILLING & TESTING

**MONITORING WELL RECORD**

**PROPERTY OWNER:** JERSEY CITY REDEVELOPMENT AGENCY

Company/Organization: Redevelopment Agency

Address: 4 Jackson Square (39 KEARNEY AVE) 39 KEARNEY AVE Jersey City, New Jersey 07305

**WELL LOCATION:** Hudson County Site 114

Address: 880 Garfield Ave

County: Hudson Municipality: Jersey City Lot: 18.01 Block: 21501

Easting (X): <u>610886</u> Northing (Y): <u>683398</u> Coordinate System: <u>NJ State Plane (NAD83) - USFEET</u>
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**DATE WELL STARTED:** May 15, 2024

**DATE WELL COMPLETED:** May 16, 2024

**WELL USE:** INJECTION

**Other Use(s):** \_\_\_\_\_

**Local ID:** 114-PW-05WR

**WELL CONSTRUCTION**

Total Depth Drilled (ft.): 91 Finished Well Depth (ft.): 91 Well Surface: Above Grade

	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt/Rating/Screen # Used (lbs/ch no.)
Borehole	0	77	12		
Borehole	77	91	8		
Casing	0	81	4	PVC	SCH 40
Casing	0	77	8	Steel	SCH 40
Screen	81	91	4	PVC	10

	Depth to Top (ft.)	Depth to Bottom (ft.)	Outer Diameter (in.)	Inner Diameter (in.)	Material		
					Bentonite (lbs.)	Neat Cement (lbs.)	Water (gal.)
Grout	0	77	12	8	90	1800	110
Grout	0	77	8	4	45	900	60
Grout	77	79	8	4	25	0	0
Gravel Pack	79	80	8	4	00 SAND		
Gravel Pack	80	91	8	4	0 SAND		

Grouting Method: Pressure method (Tremie Pipe)

Drilling Method: Sonic

**ADDITIONAL INFORMATION**

Protective Casing: Yes

Static Water Level: 10.7 ft. below land surface

Water Level Measure Tool: M SCOPE

Well Development Period: 1 hrs.

Method of Development: PURGE AND SURGE

Pump Type: \_\_\_\_\_

Pump Capacity:    gpm

Total Design Head:    ft.

Drilling Fluid: \_\_\_\_\_

Drill Rig: SONIC

Health and Safety Plan Submitted? Yes

**ATTACHMENTS:**

**GEOLOGIC LOG**

0 - 18.5: GRAY GREEN GW - Well-graded gravels and gravel-sand mixtures, little or no fines FILL

18.5 - 20: BLACK PT - Peat, muck, and other highly organic soils

20 - 40: RED BROWN SP - Poorly graded sands and gravelly sands, little or no fines

40 - 43: RED BROWN CL - Inorganic clays of low to medium plasticity, gravelly/sandy/silty/lean clays

43 - 74: RED BROWN SM - Silty sands, sand-silt mixtures

74 - 80: RED BROWN CL - Inorganic clays of low to medium plasticity, gravelly/sandy/silty/lean clays

80 - 91: GRAY WR - Weathered Rock SANDSTONE

**ADDITIONAL INFORMATION: BENTONITE CHIPS FROM 77 TO 79 FT**

Driller of Record: Joseph Kurzynowski, MASTER LICENSE # 0001618

Company: AQUIFER DRILLING & TESTING

**MONITORING WELL RECORD**

**PROPERTY OWNER:** JERSEY CITY REDEVELOPMENT AGENCY

Company/Organization: Redevelopment Agency

Address: 4 Jackson Square (39 KEARNEY AVE) 39 KEARNEY AVE Jersey City, New Jersey 07305

**WELL LOCATION:** Hudson County Site 114

Address: 880 Garfield Ave

County: Hudson Municipality: Jersey City Lot: 18.01 Block: 21501

Easting (X): 610895 Northing (Y): 683311  
Coordinate System: NJ State Plane (NAD83) - USFEET

**DATE WELL STARTED:** May 15, 2024

**DATE WELL COMPLETED:** May 16, 2024

**WELL USE:** INJECTION

**Other Use(s):** \_\_\_\_\_

**Local ID:** 114-PW-06WR

**WELL CONSTRUCTION**

Total Depth Drilled (ft.): 89 Finished Well Depth (ft.): 89 Well Surface: Flush Mount

	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt/Rating/Screen # Used (lbs/ch no.)
Borehole	0	45	12		
Borehole	45	79	6		
Casing	0	79	2	PVC	SCH 40
Casing	0	45	8	Steel	SCH 40
Screen	79	89	2	PVC	10

	Depth to Top (ft.)	Depth to Bottom (ft.)	Outer Diameter (in.)	Inner Diameter (in.)	Material		
					Bentonite (lbs.)	Neat Cement (lbs.)	Water (gal.)
Grout	0	45	12	8	45	900	60
Grout	0	75	6	0	45	900	60
Grout	75	77	6	2	25	0	0
Gravel Pack	77	78	6	2	00 SAND		
Gravel Pack	78	89	6	2	0 SAND		

Grouting Method: Pressure method (Tremie Pipe)

Drilling Method: Sonic

**ADDITIONAL INFORMATION**

Protective Casing: Yes

Static Water Level: 9.3 ft. below land surface

Water Level Measure Tool: M SCOPE

Well Development Period: 1 hrs.

Method of Development: PURGE AND SURGE

Pump Type: \_\_\_\_\_

Pump Capacity:    gpm

Total Design Head:    ft.

Drilling Fluid: \_\_\_\_\_

Drill Rig: SONIC

Health and Safety Plan Submitted? Yes

**ATTACHMENTS:**

<b>GEOLOGIC LOG</b>
0 - 18: GRAY SM - Silty sands, sand-silt mixtures DGA FILL
18 - 20: BLACK PT - Peat, muck, and other highly organic soils
20 - 40: RED BROWN SM - Silty sands, sand-silt mixtures
40 - 50: RED BROWN CH - Inorganic clays or high plasticity, fat clays
50 - 55: RED BROWN SW - Well-graded sands and gravelly sands, little or no fines
55 - 60: RED BROWN CH - Inorganic clays or high plasticity, fat clays
60 - 79: RED BROWN ML - Inorganic silts, very fine sands, rock four, silty or clayey fine sands
79 - 89: GRAY CR - Competent Rock SANDSTONE

Driller of Record: Joseph Kurzynowski, MASTER LICENSE # 0001618

Company: AQUIFER DRILLING & TESTING

**MONITORING WELL RECORD**

**ADDITIONAL INFORMATION:** BENTONITE CHIPS 75 TO 77

**MONITORING WELL RECORD**

**PROPERTY OWNER:** JERSEY CITY REDEVELOPMENT AGENCY

Company/Organization: Redevelopment Agency

Address: 4 Jackson Square (39 KEARNEY AVE) 39 KEARNEY AVE Jersey City, New Jersey 07305

**WELL LOCATION:** Hudson County Site 114

Address: 880 Garfield Ave

County: Hudson Municipality: Jersey City Lot: 18.01 Block: 21501

Easting (X): 610923 Northing (Y): 683228  
Coordinate System: NJ State Plane (NAD83) - USFEET

**DATE WELL STARTED:** May 22, 2024

**DATE WELL COMPLETED:** May 23, 2024

**WELL USE:** INJECTION

**Other Use(s):** \_\_\_\_\_

**Local ID:** 114-PW-07WR

**WELL CONSTRUCTION**

Total Depth Drilled (ft.): 77 Finished Well Depth (ft.): 76 Well Surface: Above Grade

	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt/Rating/Screen # Used (lbs/ch no.)
Borehole	0	77	8		
Casing	0	66	4	PVC	SCH 40
Screen	66	76	4	STAINLESS STEEL	10

	Depth to Top (ft.)	Depth to Bottom (ft.)	Outer Diameter (in.)	Inner Diameter (in.)	Material		
					Bentonite (lbs.)	Neat Cement (lbs.)	Water (gal.)
Grout	0	62	8	4	45	900	60
Grout	62	64	8	4	25	0	0
Gravel Pack	64	65	8	4		00 SAND	
Gravel Pack	65	76	8	4		01 SAND	
Gravel Pack	76	77	8	0		00 SAND	

Grouting Method: Pressure method (Tremie Pipe)

Drilling Method: Sonic

**ADDITIONAL INFORMATION**

Protective Casing: Yes

Static Water Level: 10.8 ft. below land surface

Water Level Measure Tool: M SCOPE

Well Development Period: 3 hrs.

Method of Development: PURGE AND SURGE

Pump Type: \_\_\_\_\_

Pump Capacity:    gpm

Total Design Head:    ft.

Drilling Fluid: \_\_\_\_\_

Drill Rig: SONIC

Health and Safety Plan Submitted? Yes

**ATTACHMENTS:**

**GEOLOGIC LOG**

0 - 17: GRAY SP - Poorly graded sands and gravelly sands, little or no fines FILL

17 - 21: DARK BROWN PT - Peat, muck, and other highly organic soils

21 - 28: RED BROWN SW - Well-graded sands and gravelly sands, little or no fines

28 - 41: RED BROWN SP - Poorly graded sands and gravelly sands, little or no fines

41 - 50: RED BROWN SM - Silty sands, sand-silt mixtures

50 - 54: RED BROWN CL - Inorganic clays of low to medium plasticity, gravelly/sandy/silty/lean clays

54 - 66: RED BROWN ML - Inorganic silts, very fine sands, rock four, silty or clayey fine sands

66 - 72: GRAY WR - Weathered Rock SANDSTONE

72 - 77: GRAY CR - Competent Rock SANDSTONE

**ADDITIONAL INFORMATION: BENTONITE PELLETS FROM 62 TO 64**

Driller of Record: Joseph Kurzynowski, MASTER LICENSE # 0001618

Company: AQUIFER DRILLING & TESTING

**MONITORING WELL RECORD**

**PROPERTY OWNER:** JERSEY CITY REDEVELOPMENT AGENCY

Company/Organization: Redevelopment Agency

Address: 4 Jackson Square (39 KEARNEY AVE) 39 KEARNEY AVE Jersey City, New Jersey 07305

**WELL LOCATION:** Hudson County Site 114

Address: 880 Garfield Ave

County: Hudson Municipality: Jersey City Lot: 18.01 Block: 21501

Easting (X): 611100 Northing (Y): 683183  
Coordinate System: NJ State Plane (NAD83) - USFEET

**DATE WELL STARTED:** May 29, 2024

**DATE WELL COMPLETED:** May 30, 2024

**WELL USE:** MONITORING

**Other Use(s):** \_\_\_\_\_

**Local ID:** 114-PW-09WR

**WELL CONSTRUCTION**

Total Depth Drilled (ft.): 81 Finished Well Depth (ft.): 81 Well Surface: Above Grade

	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt/Rating/Screen # Used (lbs/ch no.)
Borehole	0	45	14		
Borehole	45	81	8		
Casing	0	71	4	PVC	SCH 40
Casing	0	45	10	Steel	SCH 40
Screen	71	81	4	STAINLESS STEEL	10

	Depth to Top (ft.)	Depth to Bottom (ft.)	Outer Diameter (in.)	Inner Diameter (in.)	Material		
					Bentonite (lbs.)	Neat Cement (lbs.)	Water (gal.)
Grout	0	45	14	10	60	1200	56
Grout	0	67	8	4	70	1400	100
Grout	67	69	8	4	25	0	0
Gravel Pack	69	70	8	4	00 SAND		
Gravel Pack	70	81	8	4	0 SAND		

Grouting Method: Pressure method (Tremie Pipe)

Drilling Method: Sonic

**ADDITIONAL INFORMATION**

Protective Casing: Yes

Static Water Level: 9 ft. below land surface

Water Level Measure Tool: M SCOPE

Well Development Period: 2 hrs.

Method of Development: PURGE AND SURGE

Pump Type: \_\_\_\_\_

Pump Capacity:    gpm

Total Design Head:    ft.

Drilling Fluid: \_\_\_\_\_

Drill Rig: SONIC

Health and Safety Plan Submitted? Yes

**ATTACHMENTS:**

**GEOLOGIC LOG**

0 - 17: GRAY GP - Poorly graded gravels and gravel-sand mixtures, little or no fines DGA FILL

17 - 23: BLACK PT - Peat, muck, and other highly organic soils

23 - 40: RED BROWN SP - Poorly graded sands and gravelly sands, little or no fines

40 - 50: RED BROWN CL - Inorganic clays of low to medium plasticity, gravelly/sandy/silty/lean clays

50 - 70: RED BROWN SM - Silty sands, sand-silt mixtures

70 - 81: GRAY CR - Competent Rock SANDSTONE

**ADDITIONAL INFORMATION:** BENTONITE CHIPS 67 TO 69

Driller of Record: Joseph Kurzynowski,  
MASTER LICENSE # 0001618

Company: AQUIFER DRILLING & TESTING

**MONITORING WELL RECORD**

**PROPERTY OWNER:** JERSEY CITY REDEVELOPMENT AGENCY

Company/Organization: Redevelopment Agency

Address: 4 Jackson Square (39 KEARNEY AVE) 39 KEARNEY AVE Jersey City, New Jersey 07305

**WELL LOCATION:** Hudson County Site 114

Address: 880 Garfield Ave

County: Hudson Municipality: Jersey City Lot: 18.01 Block: 21501

Easting (X): 611132 Northing (Y): 683260  
 Coordinate System: NJ State Plane (NAD83) - USFEET

**DATE WELL STARTED:** June 3, 2024

**DATE WELL COMPLETED:** June 5, 2024

**WELL USE:** INJECTION

**Other Use(s):** \_\_\_\_\_ **Local ID:** 114-PW-10WR

**WELL CONSTRUCTION**

Total Depth Drilled (ft.): 86 Finished Well Depth (ft.): 86 Well Surface: Above Grade

	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt/Rating/Screen # Used (lbs/ch no.)
Borehole	0	45	14		
Borehole	45	86	8		
Casing	0	76	4	PVC	SCH 40
Casing	0	45	10	Steel	SCH 40
Screen	76	86	4	STAINLESS STEEL	10

	Depth to Top (ft.)	Depth to Bottom (ft.)	Outer Diameter (in.)	Inner Diameter (in.)	Material		
					Bentonite (lbs.)	Neat Cement (lbs.)	Water (gal.)
Grout	0	45	14	10	50	1000	75
Grout	0	72	8	4	45	900	70
Grout	72	74	6	4	25	0	0
Gravel Pack	74	75	8	4	00 SAND		
Gravel Pack	75	86	8	4	0 SAND		

Grouting Method: Pressure method (Tremie Pipe) Drilling Method: Sonic

**ADDITIONAL INFORMATION**

Protective Casing: Yes Pump Capacity: \_ gpm  
 Static Water Level: 9 ft. below land surface Total Design Head: \_ ft.  
 Water Level Measure Tool: M SCOPE Drilling Fluid:  
 Well Development Period: 2 hrs. Drill Rig: SONIC  
 Method of Development: PURGE AND SURGE Health and Safety Plan Submitted? Yes  
 Pump Type:

**ATTACHMENTS:**

<b>GEOLOGIC LOG</b>
0 - 15: GRAY GW - Well-graded gravels and gravel-sand mixtures, little or no fines DGA FILL
15 - 23: BLACK PT - Peat, muck, and other highly organic soils
23 - 40: RED BROWN SP - Poorly graded sands and gravelly sands, little or no fines
40 - 49: RED BROWN CL - Inorganic clays of low to medium plasticity, gravelly/sandy/silty/lean clays
49 - 75: RED BROWN SM - Silty sands, sand-silt mixtures
75 - 86: GRAY CR - Competent Rock SANDSTONE

**ADDITIONAL INFORMATION:** BENTONITE OELLETS 72 TO 74

Driller of Record: Joseph Kurzynowski, MASTER LICENSE # 0001618 Company: AQUIFER DRILLING & TESTING

**114-PZ-52D**

**Well Record Unavailable.  
Pending Approval from  
NJDEP**

**MONITORING WELL RECORD**

**PROPERTY OWNER:** JERSEY CITY J REDEVELOPMENT AGENCY

Company/Organization: Redevelopment Agency

Address: 66 York St. Jersey City, New Jersey 07302

**WELL LOCATION:** PPG

Address: 884 GARFIELD AVE

County: Hudson Municipality: Jersey City Lot: 19.01 Block: 21501

Easting (X): 610918 Northing (Y): 683215  
 Coordinate System: NJ State Plane (NAD83) - USFEET

**DATE WELL STARTED:** November 29, 2021

**DATE WELL COMPLETED:** November 29, 2021

**WELL USE:** PIEZOMETER

**Other Use(s):** \_\_\_\_\_

**Local ID:** 114-PZ-521-I

**WELL CONSTRUCTION**

Total Depth Drilled (ft.): 75 Finished Well Depth (ft.): 33 Well Surface: Above Grade

	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt/Rating/Screen # Used (lbs/ch no.)
Borehole	0	75	10		
Casing	0	28	1.50	PVC	SCH40
Screen	28	33	1.50	PVC	.10

	Depth to Top (ft.)	Depth to Bottom (ft.)	Outer Diameter (in.)	Inner Diameter (in.)	Material		
					Bentonite (lbs.)	Neat Cement (lbs.)	Water (gal.)
Grout	0	20	10	1.50	30	600	48
Grout	20	26	10	1.50	200		0
Grout	34	38	10	1.50	200		0
Gravel Pack	26	34	10	1.50	#0		

Grouting Method: Pressure method (Tremie Pipe)

Drilling Method: Sonic

**ADDITIONAL INFORMATION**

Protective Casing: Yes

Static Water Level: 7 ft. below land surface

Water Level Measure Tool: MSCOPE

Well Development Period: 3 hrs.

Method of Development: AIR LIFT

Pump Type: \_\_\_\_\_

Pump Capacity: \_ gpm

Total Design Head: \_ ft.

Drilling Fluid: \_\_\_\_\_

Drill Rig: SONIC

Health and Safety Plan Submitted? Yes

**ATTACHMENTS:**

**GEOLOGIC LOG**

0 - 12: GREY OT - Other gravel fill

12 - 21: red/brown SP - Poorly graded sands and gravelly sands, little or no fines

21 - 25: grey PT - Peat, muck, and other highly organic soils

25 - 34: red/brown SP - Poorly graded sands and gravelly sands, little or no fines

34 - 68: red/brown CL - Inorganic clays of low to medium plasticity, gravelly/sandy/silty/lean clays

68 - 75: redbrown WR - Weathered Rock shale

**ADDITIONAL INFORMATION:** Cluster PZ bentonite chips E202110385 E202109828

Driller of Record: Joseph Kurzynowski, MASTER LICENSE # 0001618

Company: AQUIFER DRILLING & TESTING

**MONITORING WELL RECORD**

**PROPERTY OWNER:** JERSEY CITY J REDEVELOPMENT AGENCY

Company/Organization: Redevelopment Agency

Address: 66 York St. Jersey City, New Jersey 07302

**WELL LOCATION:** PPG

Address: 884 GARFIELD AVE

County: Hudson Municipality: Jersey City Lot: 19.01 Block: 21501

Easting (X): 610918 Northing (Y): 683215  
 Coordinate System: NJ State Plane (NAD83) - USFEET

**DATE WELL STARTED:** November 29, 2021

**DATE WELL COMPLETED:** November 29, 2021

**WELL USE:** MONITORING

**Other Use(s):** \_\_\_\_\_ **Local ID:** 114-PZ-52-WR

**WELL CONSTRUCTION**

Total Depth Drilled (ft.): 75 Finished Well Depth (ft.): 74 Well Surface: Above Grade

	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt/Rating/Screen # Used (lbs/ch no.)
Borehole	0	75	10		
Casing	0	70	2	PVC	SCH40
Screen	70	74	2	PVC	.10

	Depth to Top (ft.)	Depth to Bottom (ft.)	Outer Diameter (in.)	Inner Diameter (in.)	Material		
					Bentonite (lbs.)	Neat Cement (lbs.)	Water (gal.)
Grout	0	20	10	2	30	600	48
Grout	20	26	10	2	300		0
Grout	34	38	10	2	300		0
Grout	47	68	10	2	1700		0
Gravel Pack	68	75	10	2	#0		

Grouting Method: Pressure method (Tremie Pipe) Drilling Method: Sonic

**ADDITIONAL INFORMATION**

Protective Casing: Yes Pump Capacity:    gpm  
 Static Water Level: 14 ft. below land surface Total Design Head:    ft.  
 Water Level Measure Tool: MSCOPE Drilling Fluid:  
 Well Development Period: 3 hrs. Drill Rig: SONIC  
 Method of Development: AIR LIFT Health and Safety Plan Submitted? Yes  
 Pump Type:

**ATTACHMENTS:**

<b>GEOLOGIC LOG</b>
0 - 12: GREY OT - Other gravel fill
12 - 21: red/brown SP - Poorly graded sands and gravelly sands, little or no fines
21 - 25: grey PT - Peat, muck, and other highly organic soils
25 - 34: red/brown SP - Poorly graded sands and gravelly sands, little or no fines
34 - 68: red/brown CL - Inorganic clays of low to medium plasticity, gravelly/sandy/silty/lean clays
68 - 75: red/brown WR - Weathered Rock shale

**ADDITIONAL INFORMATION:** cluster PZ

Driller of Record: Joseph Kurzynowski, MASTER LICENSE # 0001618 Company: AQUIFER DRILLING & TESTING

**MONITORING WELL RECORD**

**PROPERTY OWNER:** JERSEY CITY J REDEVELOPMENT AGENCY

Company/Organization: Redevelopment Agency

Address: 66 York St. Jersey City, New Jersey 07302

**WELL LOCATION:** PPG

Address: 880 Garfield Ave

County: Hudson

Municipality: Jersey City

Lot: 18.01

Block: 21501

Easting (X): 610922 Northing (Y): 683223  
 Coordinate System: NJ State Plane (NAD83) - USFEET

**DATE WELL STARTED:** November 22, 2021

**DATE WELL COMPLETED:** November 22, 2021

**WELL USE:** PIEZOMETER

**Other Use(s):** \_\_\_\_\_

**Local ID:** 114-pz-571-t

**WELL CONSTRUCTION**

Total Depth Drilled (ft.): 75

Finished Well Depth (ft.): 68

Well Surface: Above Grade

	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt/Rating/Screen # Used (lbs/ch no.)
Borehole	0	75	10		
Casing	0	63	2	PVC	SCH40
Screen	63	68	2	PVC	.10

	Depth to Top (ft.)	Depth to Bottom (ft.)	Outer Diameter (in.)	Inner Diameter (in.)	Material		
					Bentonite (lbs.)	Neat Cement (lbs.)	Water (gal.)
Grout	0	20	10	2	30	600	48
Grout	20	24	10	2	200		0
Grout	33	51	10	2	150		0
Grout	59	61	10	2	200		0
Grout	70	75	10	0	400		0
Gravel Pack	61	70	10	2		#0	

Grouting Method: Pressure method (Tremie Pipe)

Drilling Method: Sonic

**ADDITIONAL INFORMATION**

Protective Casing: Yes

Static Water Level: 7.5 ft. below land surface

Water Level Measure Tool: MSCOPE

Well Development Period: 3 hrs.

Method of Development: pumped

Pump Type: \_\_\_\_\_

Pump Capacity: \_ gpm

Total Design Head: \_ ft.

Drilling Fluid: \_\_\_\_\_

Drill Rig: SONIC

Health and Safety Plan Submitted? Yes

**ATTACHMENTS:**

**GEOLOGIC LOG**

0 - 13: GREY OT - Other gravel fill

13 - 21: red/brown SP - Poorly graded sands and gravelly sands, little or no fines

21 - 25: grey PT - Peat, muck, and other highly organic soils

25 - 35: red/brown SP - Poorly graded sands and gravelly sands, little or no fines

35 - 68: red/brown CL - Inorganic clays of low to medium plasticity, gravelly/sandy/silty/lean clays

68 - 75: red/brown WR - Weathered Rock shale

**ADDITIONAL INFORMATION:** Cluster PZ

Driller of Record: Joseph Kurzynowski, MASTER LICENSE # 0001618

Company: AQUIFER DRILLING & TESTING

**MONITORING WELL RECORD**

**PROPERTY OWNER:** JERSEY CITY REDEVELOPMENT AGENCY

Company/Organization: Redevelopment Agency

Address: 66 York St. Jersey City, New Jersey 07302

**WELL LOCATION:** PPG

Address: 880 Garfield Ave

County: Hudson

Municipality: Jersey City

Lot: 18.01

Block: 21501

Easting (X): <u>610922</u> Northing (Y): <u>683223</u> Coordinate System: <u>NJ State Plane (NAD83) - USFEET</u>
---

**DATE WELL STARTED:** November 22, 2021

**DATE WELL COMPLETED:** November 22, 2021

**WELL USE:** INJECTION

**Other Use(s):** Piezometer

**Local ID:** 114-PZ-571-I

**WELL CONSTRUCTION**

Total Depth Drilled (ft.): 75

Finished Well Depth (ft.): 75

Well Surface: Above Grade

	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt/Rating/Screen # Used (lbs/ch no.)
Borehole	0	75	10		
Casing	0	26.20	1.50	PVC	SCH40
Screen	26.20	31.20	1.50	PVC	.10

	Depth to Top (ft.)	Depth to Bottom (ft.)	Outer Diameter (in.)	Inner Diameter (in.)	Material		
					Bentonite (lbs.)	Neat Cement (lbs.)	Water (gal.)
Grout	0	20	10	1.50	30	600	48
Grout	20	24	10	1.50	100		0
Gravel Pack	24	33	10	1.50		#0	

Grouting Method: Pressure method (Tremie Pipe)

Drilling Method: Sonic

**ADDITIONAL INFORMATION**

Protective Casing: Yes

Static Water Level: 7.5 ft. below land surface

Water Level Measure Tool: water level indicator

Well Development Period: 5 hrs.

Method of Development: pump and surge

Pump Type:

Pump Capacity:    gpm

Total Design Head:    ft.

Drilling Fluid:

Drill Rig: sonic

Health and Safety Plan Submitted? Yes

**ATTACHMENTS:**

**GEOLOGIC LOG**

0 - 13: GREY OT - Other gravel fill

13 - 21: red/brown SP - Poorly graded sands and gravelly sands, little or no fines

21 - 25: grey PT - Peat, muck, and other highly organic soils

25 - 35: red/brown SP - Poorly graded sands and gravelly sands, little or no fines

35 - 68: red/brown CL - Inorganic clays of low to medium plasticity, gravelly/sandy/silty/lean clays

68 - 75: red/brown WR - Weathered Rock shale

**ADDITIONAL INFORMATION:** Cluster PZ

Driller of Record: Joseph Kurzynowski, MASTER LICENSE # 0001618

Company: AQUIFER DRILLING & TESTING

**MONITORING WELL RECORD**

**PROPERTY OWNER:** JERSEY CITY J REDEVELOPMENT AGENCY

Company/Organization: Redevelopment Agency

Address: 66 York St. Jersey City, New Jersey 07302

**WELL LOCATION:** PPG

Address: 880 Garfield Ave

County: Hudson

Municipality: Jersey City

Lot: 18.01

Block: 21501

Easting (X): 610922 Northing (Y): 683223  
 Coordinate System: NJ State Plane (NAD83) - USFEET

**DATE WELL STARTED:** November 22, 2021

**DATE WELL COMPLETED:** November 22, 2021

**WELL USE:** MONITORING

**Other Use(s):** \_\_\_\_\_

**Local ID:** 114-PZ-571-D

**WELL CONSTRUCTION**

Total Depth Drilled (ft.): 75

Finished Well Depth (ft.): 58

Well Surface: Above Grade

	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt/Rating/Screen # Used (lbs/ch no.)
Borehole	0	75	10		
Casing	0	53	1.50	PVC	SCH40
Screen	53	58	1.50	PVC	.10

	Depth to Top (ft.)	Depth to Bottom (ft.)	Outer Diameter (in.)	Inner Diameter (in.)	Material		
					Bentonite (lbs.)	Neat Cement (lbs.)	Water (gal.)
Grout	0	20	10	1.50	30	600	48
Grout	33	51	10	1.50	1100		0
Gravel Pack	51	59	10	1.50		#0	

Grouting Method: Pressure method (Tremie Pipe)

Drilling Method: Sonic

**ADDITIONAL INFORMATION**

Protective Casing: Yes

Static Water Level: 7.6 ft. below land surface

Water Level Measure Tool: MSCOPE

Well Development Period: 3 hrs.

Method of Development: pumped

Pump Type: \_\_\_\_\_

Pump Capacity: \_ gpm

Total Design Head: \_ ft.

Drilling Fluid: \_\_\_\_\_

Drill Rig: SONIC

Health and Safety Plan Submitted? Yes

**ATTACHMENTS:**

**GEOLOGIC LOG**

0 - 13: GREY OT - Other gravel fill

13 - 21: red/brown SP - Poorly graded sands and gravelly sands, little or no fines

21 - 25: grey PT - Peat, muck, and other highly organic soils

25 - 35: red/brown SP - Poorly graded sands and gravelly sands, little or no fines

35 - 68: red/brown SP - Poorly graded sands and gravelly sands, little or no fines

68 - 75: red/brown WR - Weathered Rock shale

**ADDITIONAL INFORMATION:** Cluster PZ

Driller of Record: Joseph Kurzynowski, MASTER LICENSE # 0001618

Company: AQUIFER DRILLING & TESTING

**114-PZ-66D**

**Well Record Unavailable.  
Pending Approval from  
NJDEP**

**MONITORING WELL RECORD**

**PROPERTY OWNER:** JERSEY CITY J REDEVELOPMENT AGENCY

Company/Organization: Redevelopment Agency

Address: 66 York St. Jersey City, New Jersey 07302

**WELL LOCATION:** PPG

Address: 880 Garfield Ave

County: Hudson Municipality: Jersey City Lot: 18.01 Block: 21501

Easting (X): 610929 Northing (Y): 683430  
 Coordinate System: NJ State Plane (NAD83) - USFEET

**DATE WELL STARTED:** November 18, 2021

**DATE WELL COMPLETED:** November 18, 2021

**WELL USE:** MONITORING

**Other Use(s):** \_\_\_\_\_ **Local ID:** 114-PZ-66-I

**WELL CONSTRUCTION**

Total Depth Drilled (ft.): 85 Finished Well Depth (ft.): 85 Well Surface: Above Grade

	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt/Rating/Screen # Used (lbs/ch no.)
Borehole	0	85	10		
Casing	0	35	1.50	PVC	SCH40
Screen	35	40	1.50	PVC	.10

	Depth to Top (ft.)	Depth to Bottom (ft.)	Outer Diameter (in.)	Inner Diameter (in.)	Material		
					Bentonite (lbs.)	Neat Cement (lbs.)	Water (gal.)
Grout	0	25	10	1.50	30	600	48
Grout	25	33	10	1.50	300		0
Grout	33	85	10	0	1700		0
Gravel Pack	33	41	10	1.50	#0		

Grouting Method: Pressure method (Tremie Pipe) Drilling Method: Sonic

**ADDITIONAL INFORMATION**

Protective Casing: Yes Pump Capacity: \_ gpm  
 Static Water Level: 7.4 ft. below land surface Total Design Head: \_ ft.  
 Water Level Measure Tool: MSCOPE Drilling Fluid:  
 Well Development Period: 3 hrs. Drill Rig: SONIC  
 Method of Development: pumped Health and Safety Plan Submitted? No  
 Pump Type:

**ATTACHMENTS:**

**GEOLOGIC LOG**

0 - 12: GREY OT - Other gravel fill
12 - 20: red/brown SP - Poorly graded sands and gravelly sands, little or no fines
20 - 24: grey PT - Peat, muck, and other highly organic soils
24 - 41: red/brown SP - Poorly graded sands and gravelly sands, little or no fines
41 - 63: red/brown CL - Inorganic clays of low to medium plasticity, gravelly/sandy/silty/lean clays
63 - 78: red/brown OT - Other Till
78 - 85: red/brown OT - Other shale

**ADDITIONAL INFORMATION: CLUSTER PZ**

Driller of Record: Joseph Kurzynowski, MASTER LICENSE # 0001618 Company: AQUIFER DRILLING & TESTING

**114-PZ-66T**

**Well Record Unavailable.  
Pending Approval from  
NJDEP**

**MONITORING WELL RECORD**

**PROPERTY OWNER:** JERSEY CITY J REDEVELOPMENT AGENCY

Company/Organization: Redevelopment Agency

Address: 66 York St. Jersey City, New Jersey 07302

**WELL LOCATION:** PPG

Address: 880 Garfield Ave

County: Hudson Municipality: Jersey City Lot: 18.01 Block: 21501

Easting (X): 610929 Northing (Y): 683430  
 Coordinate System: NJ State Plane (NAD83) - USFEET

**DATE WELL STARTED:** November 18, 2021

**DATE WELL COMPLETED:** November 18, 2021

**WELL USE:** PIEZOMETER

**Other Use(s):** \_\_\_\_\_

**Local ID:** 114-PZ-661-WR

**WELL CONSTRUCTION**

Total Depth Drilled (ft.): 85 Finished Well Depth (ft.): 84.2 Well Surface: Above Grade

	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt/Rating/Screen # Used (lbs/ch no.)
Borehole	0	85	10		
Casing	0	80.20	2	PVC	SCH40
Screen	80.20	84.20	2	PVC	.10

	Depth to Top (ft.)	Depth to Bottom (ft.)	Outer Diameter (in.)	Inner Diameter (in.)	Material		
					Bentonite (lbs.)	Neat Cement (lbs.)	Water (gal.)
Grout	0	25	10	2	30	600	48
Grout	25	33	10	2	600		0
Grout	41	44	10	2	200		0
Grout	49	63	10	2	700		0
Grout	72	78	10	2	400		0
Gravel Pack	78	85	10	2	#0		

Grouting Method: Pressure method (Tremie Pipe) Drilling Method: Sonic

**ADDITIONAL INFORMATION**

Protective Casing: Yes  
 Static Water Level: 10 ft. below land surface  
 Water Level Measure Tool: MSCOPE  
 Well Development Period: 3 hrs.  
 Method of Development: pumped  
 Pump Type: \_\_\_\_\_

Pump Capacity:    gpm  
 Total Design Head:    ft.  
 Drilling Fluid: \_\_\_\_\_  
 Drill Rig: SONIC  
 Health and Safety Plan Submitted? Yes

**ATTACHMENTS:**

**GEOLOGIC LOG**

0 - 12: GREY OT - Other gravel fill
12 - 20: red/brown SP - Poorly graded sands and gravelly sands, little or no fines
20 - 24: grey PT - Peat, muck, and other highly organic soils
24 - 40: red/brown SP - Poorly graded sands and gravelly sands, little or no fines
40 - 63: red/brown CL - Inorganic clays of low to medium plasticity, gravelly/sandy/silty/lean clays
63 - 72: red/brown OT - Other till
72 - 85: red/brown WR - Weathered Rock shale

**ADDITIONAL INFORMATION:** CLUSTER PZ Bentonite chips

Driller of Record: Joseph Kurzynowski, MASTER LICENSE # 0001618 Company: AQUIFER DRILLING & TESTING

Addendum to Groundwater Remedial Investigation Report and Groundwater Remedial Action Work Plan for Bedrock  
Water-Bearing Zone  
Garfield Avenue Group of Sites  
PPG, Jersey City, New Jersey

## **Decommissioning Records**

**WELL DECOMMISSIONING REPORT**

**PROPERTY OWNER:** JERSEY CITY REDEVELOPMENT AGENCY

Company/Organization: Redevelopment Agency

Address: 66 York St. Jersey City, New Jersey 07302

**WELL LOCATION:** PPG Garfield Avenue Group Site 114

Address: 2 Dakota Street

County: Hudson Municipality: Jersey City Lot: 16 Block: 21501

Easting (X): 611440 Northing (Y): 683518  
Coordinate System: NJ State Plane (NAD83) - USFEET

**DATE WELL  
DECOMMISSIONED:** August 29, 2023

**WELL USE:** BORING/INDIVIDUAL

**Other Use(s):** Monitoring

**Local ID:** 114-MW55C

Reason for Decommissioning: No longer in use

Finished Well Depth (ft.): 69

Was a New Well Drilled? N

Formation Type: Unconsolidated

New Well Permit Number: \_\_\_\_\_

**WELL DECOMMISSIONING INFORMATION**

	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt/Rating/Screen # Used (lbs/ch no.)
Borehole	0	75	6		
Casing	0	68	2	PVC	Schedule 40
Screen	68	69		PVC	.10

**MATERIALS USED**

	Depth to Top (ft.)	Depth to Bottom (ft.)	Outer Diameter (in.)	Inner Diameter (in.)	Material		
					Bentonite (lbs.)	Neat Cement (lbs.)	Water (gal.)
Grout	0	69		2	10	200	12
Sand/Gravel							

**ADDITIONAL INFORMATION**

Obstructions: No

Authorization Official: \_\_\_\_\_

Obstruction Type: \_\_\_\_\_

Authorization Number: \_\_\_\_\_

Alternative Decomm. Method? No

Authorization Date: \_\_\_\_\_

Method Used \_\_\_\_\_

ATTACHMENTS: \_\_\_\_\_

Joseph Kurzynowski  
MASTER  
Sealing Driller: LICENSE # 0001618

AQUIFER DRILLING & TESTING  
75 EAST SECOND ST  
Company: <NO DATA FOUND>, NY 11501

This document has not yet been reviewed and approved or denied by the NJ DEP. Deficiencies in submittal information or actual construction may result in denial.

**WELL DECOMMISSIONING SUBMITTAL PDF**

**PROPERTY OWNER:** Jersey City Redevelopment Agency  
 Organization: Redevelopment Agency  
 Address: 66 York St., Jersey City (Hudson), New Jersey 07302

**WELL LOCATION:** PPG Garfield Avenue Group Site 114  
 Well Location Description: monitoring  
 Address: 2 Dakota Street  
 County: Hudson Municipality: Jersey City Lot: 16 Block: 21501  
 Easting(X): 611440 Northing(Y): 683518 Coordinate System: NJ State Plane (NAD83) - USFEET  
 Method: GPS Point of Reference: Well  
 GPS Manufacturer: \_\_\_\_\_ Surveyor Name: \_\_\_\_\_  
 GPS Model: \_\_\_\_\_ Surveyor License #: \_\_\_\_\_  
 Accuracy: 10 Accuracy units: Feet

**WELL USE:** Boring/Individual **DATE WELL**  
**Other Use(s):** Monitoring **DECOMMISSIONED:** 08/29/2023

Reason for Decommissioning: No longer in use  
 Was a New Well Drilled? No New Well Permit Number: \_\_\_\_\_

**WELL DECOMMISSIONING INFORMATION**

Permit Number: E202002722  
 Local ID: 114-MW55C Drilling Company: AQUIFER DRILLING & TESTING  
 44 riverside ave, Lyndhurst (Bergen), New  
 Finished Well Depth (ft.): 69 Address: Jersey 07071  
 Formation Type: Unconsolidated Driller Name and Lic.: Joseph Kurzynowski, 0001618  
 Well Search Completed? No

	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt./Rating/Screen Slot # (lbs/sch no.)
Borehole(s)	0	75	6	N/A	N/A
Casing(s)	0	68	2	PVC	Schedule 40
Screen(s)	68	69		PVC	.10

**MATERIALS USED**

	Depth to Top (ft.)	Depth to Bottom (ft.)	Outer Diameter (in)	Inner Diameter (in)	Material		
					Bentonite (lbs.)	Neat Cement (lbs.)	Water (gal.)
Grout	0	69		2	10	200	12
Gravel Pack							

Grouting Method: Pressure method (Tremie Pipe)

**ADDITIONAL INFORMATION**

Obstructions: No Authorization Official: \_\_\_\_\_

Obstruction Type: \_\_\_\_\_ Authorization Number: \_\_\_\_\_

Alternative Decomm. Method? No Authorization Date: \_\_\_\_\_

Method Used: \_\_\_\_\_

**ATTACHMENTS:** \_\_\_\_\_

**PENDING  
APPROVAL**

This document has not yet been reviewed and approved or denied by the NJ DEP. Deficiencies in submittal information or actual construction may result in denial.

**WELL DECOMMISSIONING SUBMITTAL PDF**

**PROPERTY OWNER:** Jersey City Redevelopment Agency

Organization: Redevelopment Agency

Address: 30 Montgomery st, Jersey City (Hudson), New Jersey 07302

**WELL LOCATION:** PPG Garfield Avenue Group Site 114

Well Location Description: ppg site

Address: 70 Carteret Avenue

County: Hudson Municipality: Jersey City Lot: 17 Block: 21501

Easting(X): 611367 Northing(Y): 683287 Coordinate System: NJ State Plane (NAD83) - USFEET

Method: GPS Point of Reference: Well

GPS Manufacturer: \_\_\_\_\_ Surveyor Name: \_\_\_\_\_

GPS Model: \_\_\_\_\_ Surveyor License #: \_\_\_\_\_

Accuracy: 10 Accuracy units: Feet

**WELL USE:** Monitoring **DATE WELL**

**Other Use(s):** \_\_\_\_\_ **DECOMMISSIONED:** 08/29/2023

Reason for Decommissioning: No longer in use

Was a New Well Drilled? No New Well Permit Number: \_\_\_\_\_

**WELL DECOMMISSIONING INFORMATION**

Permit Number: E202002725

Local ID: 114-MW58C Drilling Company: AQUIFER DRILLING & TESTING

44 riverside ave, Lyndhurst (Bergen), New

Finished Well Depth (ft.): 80 Address: Jersey 07071

Formation Type: Unconsolidated Driller Name and Lic.: Joseph Kurzynowski, 0001618

Well Search Completed? No

	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt./Rating/Screen Slot # (lbs/sch no.)
Borehole(s)	0	80	6	N/A	N/A
Casing(s)	0	72.5	2	PVC	Schedule 40
Screen(s)	72.5	76.5	2	PVC	.10

**MATERIALS USED**

	Depth to Top (ft.)	Depth to Bottom (ft.)	Outer Diameter (in)	Inner Diameter (in)	Material		
					Bentonite (lbs.)	Neat Cement (lbs.)	Water (gal.)
Grout	0	76.5		2	10	200	12
Gravel Pack							

Grouting Method: Pressure method (Tremie Pipe)

**ADDITIONAL INFORMATION**

Obstructions: No Authorization Official: \_\_\_\_\_

Obstruction Type: \_\_\_\_\_ Authorization Number: \_\_\_\_\_

Alternative Decomm. Method? No Authorization Date: \_\_\_\_\_

Method Used: \_\_\_\_\_

**ATTACHMENTS:** \_\_\_\_\_

**PENDING  
APPROVAL**

This document has not yet been reviewed and approved or denied by the NJ DEP. Deficiencies in submittal information or actual construction may result in denial.

**WELL DECOMMISSIONING SUBMITTAL PDF**

**PROPERTY OWNER:** Jersey City Redevelopment Agency  
 Organization: Redevelopment Agency  
 Address: 30 Montgomery st, Jersey City (Hudson), New Jersey 07302

**WELL LOCATION:** PPG Garfield Avenue Group Site 114  
 Well Location Description: PPG Garfield Ave site 114  
 Address: 70 Carteret Avenue

County: Hudson Municipality: Jersey City Lot: 17 Block: 21501  
 Easting(X): 611345 Northing(Y): 682894 Coordinate System: NJ State Plane (NAD83) - USFEET  
 Method: GPS Point of Reference: Well  
 GPS Manufacturer: \_\_\_\_\_ Surveyor Name: \_\_\_\_\_  
 GPS Model: \_\_\_\_\_ Surveyor License #: \_\_\_\_\_  
 Accuracy: 10 Accuracy units: Feet

**WELL USE:** Monitoring **DATE WELL**  
**Other Use(s):** \_\_\_\_\_ **DECOMMISSIONED:** 08/30/2023

Reason for Decommissioning: No longer in use  
 Was a New Well Drilled? No New Well Permit Number: \_\_\_\_\_

**WELL DECOMMISSIONING INFORMATION**

Permit Number: E202002727  
 Local ID: 114-MW60C Drilling Company: AQUIFER DRILLING & TESTING  
 44 riverside ave, Lyndhurst (Bergen), New  
 Finished Well Depth (ft.): 121.5 Address: Jersey 07071  
 Formation Type: Unconsolidated Driller Name and Lic.: Joseph Kurzynowski, 0001618  
 Well Search Completed? No

	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt./Rating/Screen Slot # (lbs/sch no.)
Borehole(s)	0	125		N/A	N/A
Casing(s)	0	119.5	2	PVC	Schedule 40
Screen(s)	119.5	121.5	2	PVC	.10

**MATERIALS USED**

	Depth to Top (ft.)	Depth to Bottom (ft.)	Outer Diameter (in)	Inner Diameter (in)	Material		
					Bentonite (lbs.)	Neat Cement (lbs.)	Water (gal.)
Grout	0	121.5		2	15	300	18
Gravel Pack							

Grouting Method: Pressure method (Tremie Pipe)

**ADDITIONAL INFORMATION**

Obstructions: No Authorization Official: \_\_\_\_\_

Obstruction Type: \_\_\_\_\_ Authorization Number: \_\_\_\_\_

Alternative Decomm. Method? No Authorization Date: \_\_\_\_\_

Method Used: \_\_\_\_\_

**ATTACHMENTS:** \_\_\_\_\_

**PENDING  
APPROVAL**

**WELL DECOMMISSIONING REPORT**

**PROPERTY OWNER:** JERSEY CITY REDEVELOPMENT AGENCY

Company/Organization: Redevelopment Agency

Address: 30 Montgomery st Jersey City, New Jersey 07302

**WELL LOCATION:** PPG Garfield Avenue Group Site 114

Address: 70 Carteret Avenue

County: Hudson Municipality: Jersey City Lot: 17 Block: 21501

Easting (X): 611381 Northing (Y): 683044  
Coordinate System: NJ State Plane (NAD83) - USFEET

**DATE WELL  
DECOMMISSIONED:** August 29, 2023

**WELL USE:** MONITORING

**Other Use(s):** \_\_\_\_\_

**Local ID:** 114-MW64C

Reason for Decommissioning: No longer in use

Finished Well Depth (ft.): 96

Was a New Well Drilled? N

Formation Type: Unconsolidated

New Well Permit Number: \_\_\_\_\_

**WELL DECOMMISSIONING INFORMATION**

	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt/Rating/Screen # Used (lbs/ch no.)
Borehole	0	100	6		
Casing	0	93	2	PVC	Schedule 40
Screen	93	96	2	PVC	.10

**MATERIALS USED**

	Depth to Top (ft.)	Depth to Bottom (ft.)	Outer Diameter (in.)	Inner Diameter (in.)	Material		
					Bentonite (lbs.)	Neat Cement (lbs.)	Water (gal.)
Grout	0	100	6	0	60	1200	72
Sand/Gravel							

**ADDITIONAL INFORMATION**

Obstructions: No

Authorization Official: \_\_\_\_\_

Obstruction Type: \_\_\_\_\_

Authorization Number: \_\_\_\_\_

Alternative Decomm. Method? No

Authorization Date: \_\_\_\_\_

Method Used drilled and removed casing from bore hole

ATTACHMENTS: \_\_\_\_\_

Joseph Kurzynowski  
MASTER  
Sealing Driller: LICENSE # 0001618

AQUIFER DRILLING & TESTING  
75 EAST SECOND ST  
Company: <NO DATA FOUND>, NY 11501

This document has not yet been reviewed and approved or denied by the NJ DEP. Deficiencies in submittal information or actual construction may result in denial.

**WELL DECOMMISSIONING SUBMITTAL PDF**

**PROPERTY OWNER:** Jersey City Redevelopment Agency  
 Organization: Redevelopment Agency  
 Address: 30 Montgomery st, Jersey City (Hudson), New Jersey 07302

**WELL LOCATION:** PPG Garfield Avenue Group Site 114  
 Well Location Description: PPG Garfield Ave site 114  
 Address: 70 Carteret Avenue  
 County: Hudson Municipality: Jersey City Lot: 17 Block: 21501  
 Easting(X): 611381 Northing(Y): 683044 Coordinate System: NJ State Plane (NAD83) - USFEET  
 Method: GPS Point of Reference: Well  
 GPS Manufacturer: \_\_\_\_\_ Surveyor Name: \_\_\_\_\_  
 GPS Model: \_\_\_\_\_ Surveyor License #: \_\_\_\_\_  
 Accuracy: 10 Accuracy units: Feet

**WELL USE:** Monitoring **DATE WELL**  
**Other Use(s):** \_\_\_\_\_ **DECOMMISSIONED:** 08/29/2023

Reason for Decommissioning: No longer in use  
 Was a New Well Drilled? No New Well Permit Number: \_\_\_\_\_

**WELL DECOMMISSIONING INFORMATION**

Permit Number: E202002937  
 Local ID: 114-MW64C Drilling Company: AQUIFER DRILLING & TESTING  
 44 riverside ave, Lyndhurst (Bergen), New  
 Finished Well Depth (ft.): 100 Address: Jersey 07071  
 Formation Type: Unconsolidated Driller Name and Lic.: Joseph Kurzynowski, 0001618  
 Well Search Completed? No

	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt./Rating/Screen Slot # (lbs/sch no.)
Borehole(s)	0	100	6	N/A	N/A
Casing(s)	0	93	2	PVC	Schedule 40
Screen(s)	93	96	2	PVC	.10

**MATERIALS USED**

	Depth to Top (ft.)	Depth to Bottom (ft.)	Outer Diameter (in)	Inner Diameter (in)	Material		
					Bentonite (lbs.)	Neat Cement (lbs.)	Water (gal.)
Grout	0	100	6	0	60	1200	72
Gravel Pack							

Grouting Method: Pressure method (Tremie Pipe)

**ADDITIONAL INFORMATION**

Obstructions: No Authorization Official: \_\_\_\_\_

Obstruction Type: \_\_\_\_\_ Authorization Number: \_\_\_\_\_

Alternative Decomm. Method? No Authorization Date: \_\_\_\_\_

Method Used: drilled and removed casing from bore hole

**ATTACHMENTS:** \_\_\_\_\_

**PENDING  
APPROVAL**

114-MW73D  
Well Decommission Report Unavailable

114-MW74D  
Well Decommission Report Unavailable