



New Jersey Department of Environmental Protection
Site Remediation Program

COVER/CERTIFICATION FORM

(Submit with Remedial Phase Report, Receptor Evaluation, and CEA Forms)

Date Stamp
(For Department use only)

SECTION A. SITE INFORMATION

Site Name: Hudson County Chromate Site 156

AKAs: HCC Site 156; Metropolis Towers; Gregory Park Apartments; 270 Henderson St.; 280 Gregory Park Plaza

Street Address: 270-280 Luis Munoz Marin Blvd (aka 270-280 Henderson Street)

Municipality: Jersey City (Township, Borough or City)

County: Hudson Zip Code: 07302

Program Interest (PI) Number(s): G000008770

Case Tracking Number(s) for this submission: 104063

Date Remediation Initiated Pursuant to N.J.A.C. 7:26C-2: 07/19/1990

State Plane Coordinates for a central location at the site: Easting: 619397 Northing: 686772

List current Municipal Block and Lot Numbers of the Site:

Block # 13101	Lot #(s) 1	Block #	Lot #(s)
Block # 13101	Lot #(s) 2	Block #	Lot #(s)
Block #	Lot #(s)	Block #	Lot #(s)
Block #	Lot #(s)	Block #	Lot #(s)

SECTION B. SUBMISSION STATUS

1. Indicate how the Electronic Data Deliverable (EDD) for this submission is being provided to the NJDEP:

- ☒ Via Email at srpedd@dep.state.nj.us (attach NJDEP confirmation email); or
☐ CD (attach to this submission)
☐ Not Applicable – No EDD

2. Complete the following Submission and Permit Status Table:

Remedial Phase Documents	N/A	Included in this Submission	Previously Submitted	Date of Submission	Date of Revised Submission	Date of Previous NJDEP Approval	Date of Document Withdrawal
Preliminary Assessment Report	☒	☐	☐				
Site Investigation Report	☒	☐	☐				
Remedial Investigation Report	☐	☒	☐	09/29/1993			
Remedial Action Work Plan	☐	☐	☒	11/16/2012		01/22/2013	
Remedial Action Report	☐	☐	☒	03/29/2018			
Response Action Outcome	☒	☐	☐				
Other Submissions							
Alternative Soil Remediation Standard and/or Screening level Application Form	☐	☐	☒	03/29/2018			
Case Inventory Document		☒					
Classification Exception Area / Well Restriction Area (CEA/WRA)	☒	☐	☐				
Discharge to Ground Water Permit by Rule Authorization Request	☒	☐	☐				

IEC Engineered System Response Action Report	☒	☐	☐				
Immediate Environmental Concern Report	☒	☐	☐				
LNAPL Interim Remedial Measure Report	☒	☐	☐				
Public Notification	☐	☐	☒				
Receptor Evaluation	☐	☒	☐				
Technical Impracticability Determination	☒	☐	☐				
Vapor Concern Mitigation Report	☒	☐	☐				
Permit Application – list:	☐						
Soil Erosion and Sediment Control		☐	☒	07/18/2017			
Treatment Works Approval		☐	☒	08/19/2013			
		☐	☐				
		☐	☐				
Radionuclide Remedial Action Report	☒	☐	☐				
Radionuclide Remedial Action Workplan	☒	☐	☐				
Radionuclide Remedial Investigation Report	☒	☐	☐				
Radionuclide Remedial Investigation Workplan	☒	☐	☐				

SECTION C. SITE USE

Current Site Use: (check all that apply)

- ☐ Industrial ☐ Agricultural
☒ Residential ☐ Park or recreational use
☒ Commercial ☐ Vacant
☐ School or child care ☐ Government
☐ Other: _____

Intended Future Site Use, if known: (check all that apply)

- ☐ Industrial ☐ Park or recreational use
☒ Residential ☐ Vacant
☒ Commercial ☐ Government
☐ School or child care ☐ Future site use unknown
☐ Other: _____

SECTION D. CASE TYPE: (check all that apply)

- | | |
|--|---|
| ☒ Administrative Consent Order (ACO) | ☐ Landfill (SRP subject only) |
| ☐ Brownfield Development Area (BDA) | ☐ Regulated Underground Storage Tank (UST) |
| ☐ Child Care Facility | ☐ Remediation Agreement (RA)/Remediation Certification |
| ☒ Chrome Site (Chromate chemical production waste) | ☐ School Development Authority (SDA) |
| ☐ Coal Gas | ☐ School facility |
| ☐ Due Diligence with RAO | ☐ Spill Act Defense – Government Entity |
| ☐ Hazardous Discharge Remediation Fund (HDSRF) Grant/Loan | ☐ Spill Act Discharge |
| ☐ ISRA | ☐ UST Grant/Loan |
| | ☐ Other: _____ |

Federal Case (check all that apply)

- ☐ RCRA GPRA 2020 ☐ CERCLA/NPL ☐ USDOD ☐ USDOE

1. Is the party conducting remediation a government entity? ☐ Yes ☒ No
 If "Yes," check one: ☐ Federal ☐ State ☐ Municipal ☐ County

SECTION E. PUBLIC FUNDS

Did the remediation utilize public funds? ☐ Yes ☒ No

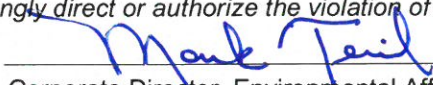
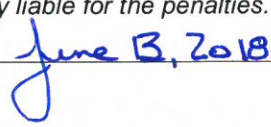
If "Yes," check applicable:

- | | | |
|--------------------------------------|--|---|
| ☐ UST Grant | ☐ UST Loan | ☐ Brownfield Reimbursement Program |
| ☐ HDSRF Grant | ☐ HDSRF Loan | ☐ Landfill Reimbursement Program |
| ☐ Spill Fund | ☐ Schools Development Authority | ☐ Environmental Infrastructure Trust |

SECTION F. PERSON RESPONSIBLE FOR CONDUCTING THE REMEDIATION INFORMATION AND CERTIFICATIONFull Legal Name of the Person Responsible for Conducting the Remediation: PPG Industries, Inc.Representative First Name: Mark Representative Last Name: TerrilTitle: Corporate Director, Environmental AffairsPhone Number: (412) 434-2708 Ext: _____ Fax: _____Mailing Address: 440 College Park DriveCity/Town: Monroeville State: PA Zip Code: 15146Email Address: terril@ppg.com

This certification shall be signed by the person responsible for conducting the remediation who is submitting this notification in accordance with Administrative Requirements for the Remediation of Contaminated Sites rule at N.J.A.C. 7:26C-1.5(a).

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, including all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, to the best of my knowledge, I believe that the submitted information is true, accurate and complete. I am aware that there are significant civil penalties for knowingly submitting false, inaccurate or incomplete information and that I am committing a crime of the fourth degree if I make a written false statement which I do not believe to be true. I am also aware that if I knowingly direct or authorize the violation of any statute, I am personally liable for the penalties.

Signature: Date: Name/Title: Corporate Director, Environmental Affairs**For CEA Submissions:**

☐ Check this box if the person above is also the property owner of the site or their representative. If this person is not the site property owner, please ensure the site property owner's name and address is in the first line of the table in Section E.2 of the Classification Exception Area / Well Restriction Area (CEA/WRA) Fact Sheet Form.

SECTION G. LICENSED SITE REMEDIATION PROFESSIONAL INFORMATION AND STATEMENT

LSRP ID Number: _____

First Name: _____ Last Name: _____

Phone Number: _____ Ext: _____ Fax: _____

Mailing Address: _____

City/Town: _____ State: _____ Zip Code: _____

Email Address: _____

This statement shall be signed by the LSRP who is submitting this notification in accordance with N.J.S.A. 58:10C-14, and N.J.S.A. 58:10B-1.3b(1) and (2).

I certify that I am a Licensed Site Remediation Professional authorized pursuant to N.J.S.A. 58:10C to conduct business in New Jersey. As the Licensed Site Remediation Professional of record for this remediation, I:

[SELECT ONE OR BOTH OF THE FOLLOWING AS APPLICABLE]:

- ☐ *directly oversaw and supervised all of the referenced remediation, and/or*
☐ *personally reviewed and accepted all of the referenced remediation presented herein.*

I believe that the information contained herein, and including all attached documents, is true, accurate and complete.

It is my independent professional judgment and opinion that the remediation conducted at this site, as reflected in this submission to the Department, conforms to, and is consistent with, the remediation requirements in N.J.S.A. 58:10C-14.

My conduct and decisions in this matter were made upon the exercise of reasonable care and diligence, and by applying the knowledge and skill ordinarily exercised by licensed site remediation professionals practicing in good standing, in accordance with N.J.S.A. 58:10C-16, in the State of New Jersey at the time I performed these professional services.

I am aware pursuant to N.J.S.A. 58:10C-17 that for purposely, knowingly or recklessly submitting false statement, representation or certification in any document or information submitted to the board or Department, etc., that there are significant civil, administrative and criminal penalties, including license revocation or suspension, fines and being punished by imprisonment for conviction of a crime of the third degree.

LSRP Signature: _____ Date: _____

LSRP Name/Title: _____

Company Name: _____

Completed forms should be sent to:

Bureau of Case Assignment & Initial Notice
Site Remediation Program
NJ Department of Environmental Protection
401-05H
PO Box 420
Trenton, NJ 08625-0420



New Jersey Department of Environmental Protection
Site Remediation Program

RECEPTOR EVALUATION (RE) FORM

Date Stamp
(For Department use only)

SECTION A. SITE

Site Name: _____

Program Interest (PI) Number(s): _____

Case Tracking Number(s) for this submission: _____

**This form must be attached to the Cover/Certification Form
if not submitted through a Remedial Phase Online Service**

Indicate the type of submission:

☐ Initial RE Submission

☐ Updated RE Submission

Indicate the reason for submission of an updated RE form

☐ Submission of an Immediate Environmental Concern (IEC) source control report;

☐ Submission of a Remedial Investigation Report;

☐ Submission of a Remedial Action Report;

Check if included in updated RE

☐ The known concentration or extent of contamination in any medium has increased;

☐ A new AOC has been identified;

☐ A new receptor is identified;

☐ A new exposure pathway has been identified.

SECTION B. ON SITE AND SURROUNDING PROPERTY USE

1. Identify any sensitive populations/uses that are currently on-site or surrounding property usage within 200 feet of the site boundary (check all that apply):

	On-site	Off-site
None of the following	☐	☐
Residences or residential property	☐	☐
Public or Private Schools grades K-12	☐	☐
Child care centers.....	☐	☐
Public parks, playgrounds or other recreation areas.....	☐	☐
Other sensitive population use(s) Explain	☐	☐

If any of the above applies, attach a list of addresses, facility names, type of use, and a map depicting each location relative to the site. **See Attachment A-1**

2. Current site uses (check all that apply):

☐ Industrial	☐ Residential	☐ Commercial	☐ Agricultural
☐ School or child care	☐ Government	☐ Park or recreational use	
☐ Vacant	☐ Other: _____		

3. Planned future site uses and off-site use within 200 ft of site boundary (check all that apply):

☐ Industrial	☐ Residential	☐ Commercial	☐ Agricultural
☐ School or child care	☐ Government	☐ Park or recreational use	
☐ Vacant	☐ Other: _____		

Provide a map depicting the location of the proposed changes in land use.

SECTION C. DESCRIPTION OF CONTAMINATION

1. Identify if any of the following exist at the site (check all that apply):

- ☐ Free product [N.J.A.C. 7:26E-1.8] identified is ☐ LNAPL* or ☐ DNAPL**. Date identified: _____
- ☐ Residual product [N.J.A.C. 7:26E-1.8]
- ☐ Other high concentration source materials not identified above (e.g., buried drums, containers, unsecured friable asbestos)

Explain: _____

* LNAPL – measured thickness of .01 feet or more

**DNAPL – See [US EPA DNAPL Overview](#)

2. Soil Migration Pathway

Has soil contamination been delineated to the applicable Direct Contact Soil Remediation Standard? ☐ Yes ☐ No

Are all soils either below the applicable Direct Contact Criteria or under an institutional control (i.e. deed notice)? ☐ Yes ☐ No

3. If this evaluation is submitted with a technical document that includes contaminant summary information, proceed to Section D. Otherwise attach a brief summary of all currently available data and information to be included in the site investigation or remedial investigation report.

SECTION D. GROUND WATER USE

1. Has the requirement for ground water sampling been triggered? ☐ Yes ☐ No ☐ Unknown
If "No," proceed to Section F. If "Unknown," explain: _____

2. Is Ground water contaminated above the Ground Water Remediation Standards [N.J.A.C.7:9C]? ☐ Yes ☐ No ☐ Unknown

Or ☐ Awaiting laboratory data with the expected due date: _____

If "Yes," provide the date that the laboratory data was available and confirmed contamination above the Ground Water Remediation Standards. Date: _____

If "Unknown," explain: _____

If "No," or awaiting laboratory data proceed to Section F.

3. Has ground water contamination been delineated to the applicable Remediation Standard? ☐ Yes ☐ No

4. Has a well search been completed? [See Attachment B-1](#) ☐ Yes ☐ No

Date of most recent or updated well search: _____

Identify if any of the following conditions exist based on the well search [N.J.A.C.7:26E-1.14(a)] (check all that apply):

- ☐ Potable wells located within 500 feet from the downgradient edge of the currently known extent of contamination.
- ☐ Potable well located 250 feet upgradient or 500 feet side gradient of the currently known extent of contamination.
- ☐ Ground water contamination is located within a Tier 1 wellhead protection area (WHPA).

5. Is a completed Well Search Spreadsheet or historical well search table attached and has an electronic copy of the spreadsheet been submitted to srpgis_wrs@dep.state.nj.us. ☐ Yes ☐ No

If "No," explain: _____

6. Are any private potable or irrigation wells located within ½ mile of the currently known extent of contamination? ☐ Yes ☐ No

If "Yes," was a door to door survey completed? ☐ Yes ☐ No

If survey was not completed explain: _____

7. Has sampling been conducted of ☐ potable well(s) and /or ☐ non-potable use well(s)? ☐ Yes ☐ No

If "No," provide justification then proceed to Section E.

- 8 Has contamination been identified in potable well(s) above Ground Water Remediation Standards that is not suspected to be from the site? (If "Yes," provide justification) ☐ Yes ☐ No
-
- 9 Has contamination been identified in potable well(s) that is above the Ground Water Remediation Standards or Federal Drinking Water Standards? ☐ Yes ☐ No
- Provide date laboratory data was received: _____
- Or ☐ awaiting laboratory data with the expected due date: _____
- If "Yes" for potable well contamination **not attributable to background**, follow the IEC Guidance Document at <http://www.nj.gov/dep/srp/guidance/index.html#iec> for required actions and answer the following:
- Has an engineered system response action been completed on all receptors? ☐ Yes ☐ No
- Provide a brief narrative description:
- Date completed: _____ NJDEP Case Manager: _____
10. Were Non-potable use well(s) sampled and results were above Class II Ground Water Remediation Standards? ☐ Yes ☐ No
- Provide date laboratory data was received: _____
- Or ☐ awaiting laboratory data with the expected due date: _____
11. Has the ground water use evaluation been completed? ☐ Yes ☐ No

SECTION E. VAPOR INTRUSION (VI)

1. Contaminants present in ground water exceed the Vapor Intrusion Ground Water Screening Levels that trigger a VI evaluation. (see NJDEP Vapor Intrusion Technical Guidance). ... ☐ Yes ☐ No ☐ Unknown
- Or ☐ Awaiting laboratory data and the expected due date: _____
- Provide the date that the laboratory data was available and confirmed contamination above the Vapor Intrusion Trigger Levels. Date: _____
2. Other existing conditions that trigger a VI evaluation. (see NJDEP Vapor Intrusion Technical Guidance)
- ☐ Wet basement or sump containing free product or ground water containing volatile organics
 - ☐ Methane generating conditions causing oxygen deficient or explosion concern
 - ☐ Other human or safety concern from the VI pathway (i.e. elemental mercury, unsaturated contamination, elevated soil gas or indoor vapor (explain):

If you answered "No," or awaiting laboratory data to Question 1., and did not check any boxes in Question 2, proceed to Section F, "Ecological Receptors", otherwise complete the rest of this section.

3. Has ground water contamination been delineated to the applicable Ground Water Vapor Screening Level? ☐ Yes ☐ No
4. Was a site specific screening level, modeling or other alternative approach employed for the VI pathway? ☐ Yes ☐ No
5. Identify and locate on a scaled map any buildings/sensitive populations that exist within the following distances from ground water contamination with concentrations above the Vapor Intrusion Ground Water Screening Levels or specific threats (check all that apply):
- ☐ 30 feet of petroleum free product or dissolved petroleum hydrocarbon contamination in ground water
 - ☐ 100 feet of any non-petroleum free product or any non-petroleum dissolved volatile organic ground water contamination
 - ☐ No buildings exist within the specified distances
6. The vapor intrusion pathway is a concern at or adjacent to the site (if "No," attach justification) ☐ Yes ☐ No

7. Has soil gas sampling of the building(s) been conducted? ☐ Yes ☐ No ☐ N/A
If "No," or "N/A," proceed to #12
8. Has indoor air sampling been conducted at the identified building(s)? ☐ Yes ☐ No
If "No," proceed to #12
9. Has indoor air contamination been identified but not suspected to be from the site?
(if "Yes," attach justification) ☐ Yes ☐ No
10. Indoor air results were above the NJDEP's Rapid Action Levels. ☐ Yes ☐ No
Provide the date that the laboratory data was available. Date: _____
Or ☐ Awaiting laboratory data with the expected due date: _____
If "Yes" to #10 above, follow the IEC Guidance Document at
<http://www.nj.gov/dep/srp/guidance/index.html#iec> **for required actions.**
The IEC engineering system response for control was implemented for all
identified structures ☐ Yes ☐ No
Date: _____ NJDEP Case Manager: _____
11. Indoor air sampling was conducted and results were above the NJDEP's Indoor Air Screening
Levels but at or below the Rapid Action Levels ☐ Yes ☐ No
Provide the date that the laboratory data was available. Date: _____
Or ☐ Awaiting laboratory data with the expected due date: _____
If "Yes" to #11 above, answer the following:
Has the Vapor Concern (VC) Response Action Form notifying the NJDEP of the exceedances
been submitted? ☐ Yes ☐ No
Date: _____
Has a plan to mitigate and monitor the exposure been submitted? ☐ Yes ☐ No
Date: _____
Has the Mitigation Response Action Report been submitted? ☐ Yes ☐ No
Date: _____
12. Has the vapor intrusion investigation been completed? ☐ Yes ☐ No
If "No," is the vapor intrusion investigation stepping out as part of the site
investigation or remedial investigation. (If "No," attach justification) ☐ Yes ☐ No

SECTION F. ECOLOGICAL RECEPTORS

1. Has an Ecological Evaluation (EE) has been conducted? [N.J.A.C. 7:26E-1.16] ☐ Yes ☐ No
Date conducted: _____
2. Do the results of an EE trigger a remedial investigation of ecological receptors? [N.J.A.C. 7:26E-4.8] ☐ Yes ☐ No
3. Has a remedial investigation of ecological receptors been conducted? ☐ Yes ☐ No
Date conducted: _____
4. Provide the following information for any surface water body on or within 200 feet of the site:

Surface Water Body Name	Stream Classification	Antidegradation Designation	Trout Production	Trout Maintenance
			☐	☐
			☐	☐
			☐	☐
			☐	☐
			☐	☐
			☐	☐

5. Does the site contain any features regulated by the Land Use Regulation Program (LURP)?
(e.g. wetlands, flood hazard area, tidelands, etc.). ☐ Yes ☐ No
If "Yes," identify the type(s) of features: _____
6. Have any formal LURP jurisdiction letters or approvals been issued for the site? ☐ Yes ☐ No
If "Yes," what is the LURP Program Interest (PI) number(s) for the site? _____
7. Have any applications for formal LURP jurisdiction letters or approvals been submitted the NJDEP?..... ☐ Yes ☐ No
If "Yes," what is the LURP Program Interest (PI) number(s) for the site? _____
8. Is free product or residual product located within 100 feet from an ecological receptor?..... ☐ Yes ☐ No
9. Does available data indicate an impact on Ecological receptor(s), Surface water, or Sediment?..... ☐ Yes ☐ No
If "Yes,"
- a) Check all that apply:
- ☐ Ecological receptor(s) ☐ Surface water ☐ Sediment
- b) Submit with this evaluation either a technical document that includes contaminant summary information, or a description of the type of contamination, a schedule, and a description of all actions to be taken to mitigate exposure.

Completed forms should be sent to the municipal clerk, designate health department, and:

Bureau of Case Assignment & Initial Notice
Site Remediation Program
NJ Department of Environmental Protection
401-05H
PO Box 420
Trenton, NJ 08625-0420

Attachment A-1

List and Map of Properties Within 200 feet of Site

Table A-1
List of Properties Within 200-feet of Site

Sensitive Properties within 200 Feet of Site								
MUN	BLOCK	LOT	PROPERTY CLASS	PROPERTY LOCATION	OWNER	STREET	CITY, STATE	ZIP CODE
906	13001	2	1 Vacant	102 COLUMBUS DR.	VARIOUS OWNERS	102 COLUMBUS DR.	JERSEY CITY, NJ	07302
906	13103	1	1 Vacant	155 MONTGOMERY ST.	EDISON MONTGOMERY, LLC	100 WASHINGTON ST.	NEWARK, NJ	07102
906	12903	10	2 Residential	5 WAYNE ST.	JADHAV, ANIRUDHA	5 WAYNE ST.	JERSEY CITY, N.J.	07302
906	12903	11	2 Residential	3 WAYNE ST.	MEHTA, PUNEET & SONPREET	3 WAYNE ST.	JERSEY CITY, N.J.	07302
906	12903	12	2 Residential	2 MERCER ST.	MCCORKLE, DEVON J.	2 MERCER STREET	JERSEY CITY, N.J.	07302
906	12903	13	2 Residential	4 MERCER ST.	CAPRIHOUSE LLC.	4111 QUEENS BLVD	SUNNYSIDE, N.Y.	11104
906	12903	14	2 Residential	4.5 MERCER STREET	WOODS, TONY & TRAIKOS, STEPHANIE	4.5 MERCER ST.	JERSEY CITY, NJ	07302
906	12903	15	2 Residential	6 MERCER ST.	COCKRELL, CURTIS & SANDRA	6 MERCER STREET	JERSEY CITY, N.J.	07302
906	12903	16	2 Residential	8 MERCER ST.	DESTIN, ANNA V.	8 MERCER ST.	JERSEY CITY, N.J.	07302
906	12903	17	2 Residential	10 MERCER ST.	RAMOS, ANTHONY & NANCY	10 MERCER ST.	JERSEY CITY, N.J.	07302
906	12903	18	2 Residential	12 MERCER ST.	LEE, JAY & WU, JENNY	640 OVERHILL ROAD	SOUTH ORANGE, NJ	07079
906	12903	19	2 Residential	14 MERCER ST.	ZHANG, NING & YU, LU	14 MERCER ST. #3	JERSEY CITY, N.J.	07302
906	12903	19	2 Residential	14 MERCER ST.	SAVOV, PAVLIN & MARGARITA	14 MERCER STREET #2	JERSEY CITY, N.J.	07302
906	12903	19	2 Residential	14 MERCER ST.	DARSNEY, BENJAMIN & NICOLE	14 MERCER STREET #1	JERSEY CITY, N.J.	07302
906	12903	5	2 Residential	15 WAYNE ST.	WANG, CASEY & XIE, CHENYUE	227 8TH ST #1	JERSEY CITY, NJ	07302
906	12903	6	2 Residential	13 WAYNE ST.	MAI, WENDY	13 WAYNE ST.	JERSEY CITY, N.J.	07302
906	12903	7	2 Residential	11 WAYNE ST.	GHOUSIA, LLC %DATA REALTY,LLC	250 NEWARK AVENUE	JERSEY CITY, N.J.	07302
906	12903	8	2 Residential	9 WAYNE ST.	FREMANTLE URF LLC %DIXON ADVISORY	1000 PLAZA TWO, 10 FL	JERSEY CITY, NJ	07311
906	12903	9	2 Residential	7 WAYNE ST.	7 WAYNE ST.,LLC	7 WAYNE ST.	JERSEY CITY, N.J.	07302
906	14301	2	2 Residential	99 MONTGOMERY ST.	VARIOUS OWNERS		JERSEY CITY, NJ	07302
906	13101	1	4C Apartment/cooperative	280 GREGORY PARK PLAZA	METROPOLIS TOWERS APT. CORP. MGT.	280 GREGORY PARK PLAZA	JERSEY CITY, NJ	07302
906	13101	2	4C Apartment/cooperative	270 GREGORY PARK PLAZA	METROPOLIS TOWERS APT. CORP. MGT.	280 GREGORY PARK PLAZA	JERSEY CITY, NJ	07302
906	13102	1	4C Apartment/cooperative	100 MONTGOMERY ST.	PH RESIDENTIAL OWNER LLC See Note 1	7 THOMAS DRIVE	CUMBERLAND FORESIDE, M.E.	04110
906	13102	2	4C Apartment/cooperative	95 MONTGOMERY ST.	See Note 2			
Other Properties within 200 Feet of Site								
906	11613	1	4A Commercial	1 EVERTRUST PLAZA	EVERGREEN AMERICA CORPORATION	ONE EVERTRUST PLAZA	JERSEY CITY, N.J.	07302
906	12902	1	4A Commercial	95 COLUMBUS DR.	WELLS REIT II-INT'L FNCL TW%M. CALI	P.O. BOX 56607	ATLANTA,GA	30343
906	13102	3	4A Commercial	75 MONTGOMERY ST.	See Note 3			
906	14102	9	4A Commercial	183 MONTGOMERY ST.	VANTAGE PROPERTIES 183,LLC	183 MONTGOMERY ST.	JERSEY CITY, N.J.	07302
906	14301	1	4A Commercial	103 MONTGOMERY ST.	CP3, INC. % ALAN LAU	270 MARIN BLVD., #10E	JERSEY CITY, NJ	07302
906	14301	17	4A Commercial	260-262 WARREN ST.	CP3, INC. % ALAN LAU	270 MARIN BLVD., #10E	JERSEY CITY, NJ	07302
906	14301	2	4A Commercial	99 MONTGOMERY ST.	MONTGOMERY PEDIATRIC & DENTAL, LLC	99 MONTGOMERY ST. COM. 1	JERSEY CITY, NJ	07302
906	14301	3	4A Commercial	95 MONTGOMERY ST.	95 MONTGOMERY,LLC%POINT CAP.DEV.LLC	PO BOX 4	JERSEY CITY, NJ	07303
906	12904	1	15C Exempt Public	280 GROVE STREET	CITY OF JERSEY CITY	280 GROVE ST.	JERSEY CITY, NJ	07302
906	13003	2	15C Exempt Public	90 COLUMBUS DR.	PORT AUTHORITY TRANS-HUDSON CORP.	225 PARK AVE., 15TH FLR	NEW YORK, NJ	10006
906	13101	3	15C Exempt Public	COLUMBUS DR.	PORT AUTHORITY TRANS-HUDSON CORP	225 PARK AVE., 15TH FLR	NEW YORK, NY	10006
906	14102	12	15C Exempt Public	179 MONTGOMERY ST.	CITY OF JERSEY CITY	280 GROVE ST.	JERSEY CITY, N.J.	07302
906	12903	19	15F Exempt Miscellaneous	14 MERCER ST.	14 MERCER ST.CONDOMINIUM ASSOCIATIO	14 MERCER ST.	JERSEY CITY, NJ	07302
906	13001	2	15F Exempt Miscellaneous	100-102 COLUMBUS DR.	GROVE POINTE COMMUNITY ASSOCIATION	P.O. BOX 6872	BRIDGEWATER, NJ	08807
906	13003	1	15F Exempt Miscellaneous	50 COLUMBUS DR.	100 COLUMBUS CONDO.OWNER'S ASSOC.,	50 WASHINGTON ST.	HOBOKEN, NJ	07030
906	14301	2	15F Exempt Miscellaneous	99 MONTGOMERY ST.	99 MONTGOMERY ST.CONDOMINIUM ASSOC.	99 MONTGOMERY ST.	JERSEY CITY, NJ	07302

1. In <http://tax1.co.monmouth.nj.us>, the property location is 8 HORIZON WAY ST. and the lot is 1.01.

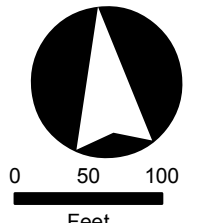
2. In www.njtaxrecords.net, the block is 14301 and the lot is 3 for this property location.

3. In www.njtaxrecords.net, the block is 14301 and the lot is 7 for this property location.





Jersey City, NJ



0 50 100
Feet

Legend

- Site Boundary
- 200 ft Buffer
- Parcels within 200ft of Site Boundary
- 1 Vacant
- 2 Residential
- 4A Commercial
- 4C Apartment/Cooperative
- 15C Exempt Public
- 15F Exempt Miscellaneous

Receptors Evaluation - Land Use

Hudson County Chromate 156
Metropolis Towers
Jersey City, New Jersey

SCALE:	DATE:	PROJECT NUMBER:	PATH AND FILE NAME:
1:1,565	8/8/2017	60290456	F:\Projects\PPG\SITE 156 - METRO TOWERS\7-Deliverables\7.2-Reports-Drafts\2017 08 RAR\Appendices\C Forms\3 RE Form\A Parcels Map.mxd

AECOM

AECOM Environment
30 KNIGHTSBRIDGE ROAD, SUITE 520
PISCATAWAY, NJ 08854
PHONE: (732) 564-3200
FAX: (732) 369-0122
WEB: [HTTP://WWW.AECOM.COM](http://www.aecom.com)

FIGURE NUMBER:

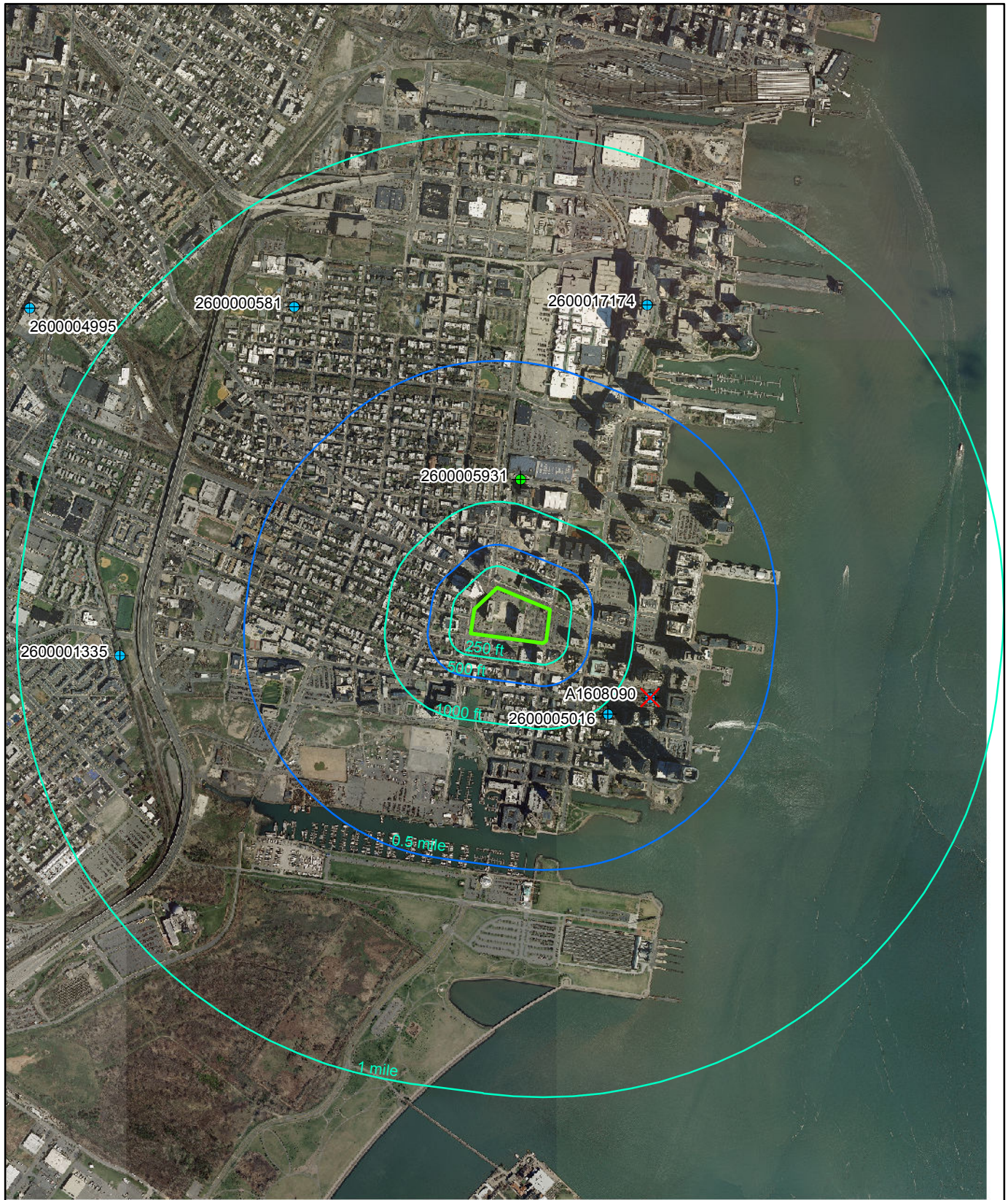
A-1

SHEET NUMBER:

1 of 1

Attachment B-1

Results of Well Search



Permit numbers are shown.

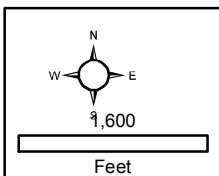


Figure B-1
Well Locations

Hudson County Chromate 156
Metropolis Towers
Jersey City, New Jersey

8/8/17

- + Industrial
- + Public Non-Community
- X Decommissioning

SITE NAME	Hudson County Chromate 156	
SITE STREET ADDRESS	270-280 Luis Munoz Marin Blvd	
SITE COUNTY (select)	Hudson	
SITE MUNICIPALITY (select)	Jersey City	
PROGRAM INTEREST (PI) ID # :	G000008770	
SOURCE COORDINATE X		619397
SOURCE COORDINATE Y		686772
GROUNDWATER FLOW DIRECTION USED (if any)		
WERE APPLICABLE WELL TYPES FOUND? (Yes/No)	Yes	
IS THIS SUBMISSION AN UPDATE? (Yes/No)	Yes	
AUTHOR (name of company)	AECOM	
AUTHOR STREET ADDRESS (include town and zip code)	30 Knightsbridge Road, Suite 520	
LSRP LICENSE NUMBER OVERSEEING WORK	Piscataway, NJ 08854	
LSRP NAME OVERSEEING WORK	Not Available - Direct Oversight	
PROFESSIONAL WHO PREPARED SUBMISSION	Claire Hunt	
EMAIL CONTACT	claire.hunt@aecom.com	
PHONE CONTACT	845-425-4980	

Download_	Permit_Number	Well_Use	Potentially	Document	Date	Physical_Address	County	Municipality	Block	Lot	Location_Method
Document			_Potable		(permitted/drilled						
	A1608090	Industrial	Yes	Decommissioning	9/16/2016	99 Hudson St	Hudson	Jersey City	14507	1	GPS
	2600001335	Industrial	Yes	Record	4/18/1956	GRAND STREET	Hudson	Jersey City			Prop Loc - Dig Image
	2600000581	Industrial	Yes	Permit	11/5/1952		Hudson	Jersey City			Prop Loc - Hard Copy
	2600000581	Industrial	Yes	Record	12/9/1952	9TH STREET	Hudson	Jersey City			Prop Loc - Dig Image
	2600005016	Industrial	Yes	Permit	3/5/1981		Hudson	Jersey City	36	1A	Prop Loc - Hard Copy
	2600004995	Industrial	Yes	Record	3/31/1981	BALDWIN AVENUE	Hudson	Jersey City	1880	12B	Prop Loc - Dig Image
	2600005931	Public Non-Community	Yes	Permit	12/7/1982		Hudson	Jersey City	2L15	1507	Prop Loc - Hard Copy
	2600017174	Industrial	Yes	Permit	8/25/1989		Hudson	Jersey City	20	2.1	Prop Loc - Hard Copy
	2600017174	Industrial	Yes	Record	1/18/1990	111 PAUONIA AVENUE	Hudson	Jersey City	20	2.1	Prop Loc - Dig Image

Search Date: 6/10/2018

Download_				Distance	Depth	Capacity	COORD_	TOP_OPEN	BOT_OPE	STATIC		
Document	Permit_Number	Easting_X	Northing_Y	_(feet)	(feet)	(gal/min)	METHOD	_INT	N_INT	_LEVEL	STATUS	WELL_SAMPLED?
	A1608090	621091	685833	1936.84								
	2600001335	614920	686324	4499.63	335	0						
	2600000581	617488	690992		100	125						
	2600000581	616952	690382	4359.86	99	0						
	2600005016	620596	685645		200	65						
	2600004995	613873	690366	6590.55	1000	0						
	2600005931	619580	688372		200	8						
	2600017174	621568	691013		1000	150						
	2600017174	621058	690403	3993.26	1000	0						

Search Date: 6/10/2018

From: [Foster, Celeste](#)
To: [Hunt, Claire](#)
Subject: FW: G000008770, RPC040001, G000008770, HB224509, (Directory: 20180405) - Passed
Date: Friday, April 06, 2018 5:54:12 PM
Attachments: [DTST.TXT](#)
[EDSA_Error_Log.html](#)
[erdtst-7-1-8.txt](#)
[erresult-7-1-8.txt](#)
[ersample-7-1-8.txt](#)
[HZRESULT.TXT](#)
[HZSAMPLE.TXT](#)
[SampleLoc-7-1-8.KML](#)

From: DEP SRPEDD [mailto:SRPEDD@dep.nj.gov]
Sent: Friday, April 06, 2018 5:07 PM
To: Foster, Celeste
Subject: G000008770, RPC040001, G000008770, HB224509, (Directory: 20180405) - Passed

The EDD submission via email from (Celeste.Foster@aecom.com) on (4/5/2018 8:34:16 PM) with the subjectline "G000008770, 104063".

The following identifiers were in the DTST file:

- Directory: 20180405
- DESC: Metro Towers
- SRPID: G000008770
- Submit Date: 2018/04/05

This submission has been issued an SRP Catalog ID: HB224509

Submission status: **Passed.**

Please do **not** resubmit.

EDD data deliverable must be submitted only once.

- To fulfill Key Document requirements attach only a copy of this email as an appendix to the document.

- Do **not** resubmit any approved EDD deliverable as part of a portal submission.

Email ID: OEM_11532
Sub ID: SUB_55775

Case Name:

PI #:

Hudson County
Chromium Site 156
G000008770

IMPORTANT:

1) Do not delete or copy and paste across multiple columns because it can disrupt hidden equations.
2) If pasting from a Word document, use the Paste option: **Match Destination Formatting**
3) If the text turns **red** you have exceeded the character limit for that column

Case Inventory Document Version 1.4 02/23/17

AOC ID	AOC Type	AOC Description	Confirmed Contamination	AOC Status	Status Date	Incident #	DEP AOC Number	Contaminated Media	Contaminants of Concern	Additional Contaminants of Concern	Additional Contaminants of Concern	Applicable Remediation Standard	Exposure Route	Additional Exposure Route	RA Type	Additional RA Type	Additional RA Type	Was an Order of Magnitude Evaluation Conducted?	Activity
Site 156 - AOC 1	Other areas of concern - Other discharge area	CCPW Impacts to Soil (Beyond AOC 3 Footprint)	Yes	RAR	7/19/2018			Soil	Metals	Not Applicable	Not Applicable	AOC Specific ARS and Remediation Standards	Ingestion/Dermal	Inhalation	Excavation			Yes	Soil remedial action (RA) conducted in 2013-14 per the approved 11/2012 remedial action work plan (RAWP). Draft remedial action report (RAR) submitted to NJDEP 10/2014. Revised RAR figures and tables submitted 01/2015 and 04/2015. Residual hexavalent chromium (Cr+6) soil contamination identified during figure preparation. NJDEP approved work plans submitted 2/2016. In 4/2016, test pits excavated at borings PPG1-T02 and LA1-1; and soil samples collected to provide additional confirmation of 2013-14 RA and to remove soil contamination at borings LB3 and PS3-1, but additional Cr+6 exceedances found at CS LB3, CS PS3-1 and CS LB5. In 10/2016, soil samples from test pit excavated at CS LB3 and CS PS3-1, and borings excavated around CS LB5 found additional Cr+6 exceedances. NJDEP approved work plan submitted 3/1/2017 for Cr+6 delineation. Excavation of residual conducted in 09-10/2017. Draft RAR submitted 3/29/2017. Final RAR was submitted 7/19/2018. Alternate remediation standards (ARS) were used as follows: Impact to Groundwater Soil Remediation Standards (IGWSRS) for nickel Layout Area 1 is 411 mg/kg, Layout Area 2 is 322 mg/kg, Layout Area 3 is 565 mg/kg; and, Residential Direct Contact Soil Remediation Standard for vanadium is 370 mg/kg (approved by NJDEP in a letter dated December 12, 2011). The antimony concentration exceeded the Default Impact to Groundwater Soil Screening Level (DIGWSSL) for the following samples: LA1-1 (3.0-3.5); 156-PE-57N_CO-6; 156-PE-82_B12-18; 156-B73B_1.5-2.0X; 156-B76W_3-4b; 156-B76W_3-4bd; and 156-B97_A2-3. Compliance with the DIGWSSL was attained through compliance averaging. A memorandum documenting the averaging is provided in Appendix O.
Site 156 - AOC 2	Other areas of concern - Other discharge area	CCPW Impacts to Groundwater	Yes	RI	6/15/2018			Ground Water	Metals	Not Applicable	Not Applicable	Remediation Standards	Ground Water					No	1993 - Total chromium (Cr) and Cr+6 were detected at concentrations of up to 1,630 µg/L and 476 µg/L, respectively. In 2006, well MW-2 50 ug/L for hexavalent chromium. In 9/2014, Cr was detected at 188 µg/Lin a grab groundwater sample from a test pit in the Bldg No. 2 Boiler Room. Well MW-2 was removed during 2013-14 RA and MW-5 was removed in 4/2016 test pit. Wells MW-5R, MW-6 through MW-10 were installed in 4/2016. Groundwater sampled from all site wells in 5/2016 and 6/2016. Groundwater exceeded GWQS for Cr at MW-8. There were no other exceedances. MW-8 removed by CS LB3 test pit and replaced with MW-8R in 10/2016. Shallow well 156-MW8A and intermediate well 156-MW8A were installed in 11/2017 and sampled 11/2017 and 12/2017. Cr compliant with GWQS. Thallium exceedance of GWQS in 156-MW8B is not considered chrome-related. The final remedial investigation report was submitted June 15, 2018.
Site 156 - AOC 3	Other areas of concern - Any area suspected of containing contaminants	CCPW Impacts to Building No. 2 Boiler Room – Concrete and Soils	Yes	RAR	12/21/2017			Mixed Media	Metals	Not Applicable	Not Applicable	Remediation Standards	Ingestion/Dermal	Inhalation	Containment	Other (specify in Activity column)		No	The area of Cr+6 contamination in the concrete floor and column, as well as underlying soils, has been delineated as documented in the remedial investigation report (RIR), and remediated pursuant to the RAWP which includes a Deed Notice with Engineering Controls. The RIR/RAWP was submitted to NJDEP in 11/2017. The RAR is on hold pending repairs to the engineering control.