



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

RECEPTOR EVALUATION (RE) FORM

Date Stamp
(For Department use only)

SECTION A. SITE NAME AND LOCATION

Site Name: Hudson County Chromate 107

List all AKAs: HCC Site 107; Fashionland

Street Address: 18 Chapel Avenue

Municipality: Jersey City (Township, Borough or City)

County: Hudson County Zip Code: 07305

Program Interest (PI) Number(s): G000008728 Case Tracking Number(s): 100373

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	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Residences or residential property	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Public or Private Schools grades K-12	<input type="checkbox"/>	<input type="checkbox"/>
Child care centers	<input type="checkbox"/>	<input type="checkbox"/>
Public parks, playgrounds or other recreation areas	<input type="checkbox"/>	<input type="checkbox"/>
Other sensitive population use(s) Explain _____	<input type="checkbox"/>	<input type="checkbox"/>

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

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

- | | | | |
|---|---|---|---------------------------------------|
| <input type="checkbox"/> Industrial | <input type="checkbox"/> Residential | <input checked="" type="checkbox"/> Commercial | <input type="checkbox"/> Agricultural |
| <input type="checkbox"/> School or child care | <input type="checkbox"/> Government | <input type="checkbox"/> Park or recreational use | |
| <input checked="" type="checkbox"/> Vacant | <input checked="" type="checkbox"/> Other: <u>Warehouse</u> | | |

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

- | | | | |
|--|--|---|---------------------------------------|
| <input checked="" type="checkbox"/> Industrial | <input checked="" type="checkbox"/> Residential | <input checked="" type="checkbox"/> Commercial | <input type="checkbox"/> Agricultural |
| <input type="checkbox"/> School or child care | <input checked="" type="checkbox"/> Government | <input type="checkbox"/> Park or recreational use | |
| <input checked="" type="checkbox"/> Vacant | <input checked="" type="checkbox"/> Other: <u>No specific development plans for the site</u> | | |

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: Chromate Chemical Production Waste (CCPW)
- * 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: 04/20/2001
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? Yes No
Date of most recent or updated well search: 07/22/2011
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 **See Attachment B** 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 1/2 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 #10
8. Has indoor air sampling been conducted at the identified building(s)? Yes No
 If "No," proceed to #10
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 and confirmed contamination above the Rapid Action Levels. Date: _____
 Or Awaiting laboratory data with the expected due date: _____
If "Yes" to #8 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 #10 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: 03/22/2013
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 name(s) of any surface water body on or within 200 feet of the site:
None within 200 feet
5. Is free product or residual product located within 100 feet from an ecological receptor? Yes No
6. Available data indicate an impact on: Ecological receptor(s) Surface water Sediment
 If this evaluation is submitted with a technical document that includes contaminant summary information, proceed to Section G. Otherwise attach a description of the type of contamination and provide a schedule and a description of all actions to be taken to mitigate exposure

SECTION G. PERSON RESPONSIBLE FOR CONDUCTING THE REMEDIATION INFORMATION AND CERTIFICATION

Full Legal Name of the Person Responsible for Conducting the Remediation: PPG Industries, Inc.

Representative First Name: Mark Representative Last Name: Terril

Title: Corporate Director, Environmental Affairs

Phone Number: (412) 492-5466 Ext: _____ Fax: (412) 492-5377

Mailing Address: 4325 Rosanna Drive

City/Town: Allison Park State: PA Zip Code: 15101

Email 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: _____ **No Changes Since Last Submittal**

SECTION H. 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 SRRA Section 16 d. and Section 30 b.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: _____ **No Changes Since Last Submittal**
Company Name: _____

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

List of Properties Within 200-feet of Site

Attachment A

List of Properties Within 200-feet of Site 107

Sensitive Properties within 200 Feet of Site						
BLOCK	LOT	PROP. CLASS	PROP. LOC	OWNER	STREET	CITY STATE ZIP CODE
1440	A.3	2 Residential	364 PRINCETON AVE.	364 PRINCETON, LLC	364 PRINCETON AVE.	JERSEY CITY, NJ 07305
1440	A.4	2 Residential	582 PRINCETON AVENUE	DA CRUZ, JOHNA.	582 PRINCETON AVE.	JERSEY CITY, N.J. 07304
1440	B.1	2 Residential	372 PRINCETON AVE.	MULARZ, ROBERT	372 PRINCETON AVE.	JERSEY CITY, N.J. 07305
1440	C	2 Residential	374 PRINCETON AVE.	LOUIS, EDRIS PIERRE	374 PRINCETON AVE.	JERSEY CITY, N.J. 07305
1440	D	2 Residential	376 PRINCETON AVE.	JOHNSON, DAVID & HOPE M.	376 PRINCETON AVE.	JERSEY CITY, N.J. 07305
1440	E	2 Residential	378 PRINCETON AVE.	ASPERAS, CARMENCITA	378 PRINCETON AVE.	JERSEY CITY, N.J. 07305
1440	F	2 Residential	380 PRINCETON AVE.	SUSSMAN, PAUL & HELEN	380 PRINCETON AVE.	JERSEY CITY, N.J. 07305
1440	G	2 Residential	382 PRINCETON AVE.	RIZZO, VINCENT A. & JOAN	382 PRINCETON AVE.	JERSEY CITY, NJ 07305
1440	H.1	2 Residential	384 PRINCETON AVE.	SHAH, BEJAL	384 PRINCETON AVE.	JERSEY CITY, NJ 07305
1440	J.1	2 Residential	386 PRINCETON AVE.	BUDHOOD, DAVE & SHAKUNTALA	386 PRINCETON AVE.	JERSEY CITY, N.J. 07305
1440	K.1	2 Residential	388 PRINCETON AVE.	SHARPE, KENNETH	388 PRINCETON AVE.	JERSEY CITY, N.J. 07305
1440	L.1	2 Residential	390 PRINCETON AVE.	OLSEN, BRIAN K.	24 ORIOLE DRIVE	BEDFORD, NH 03110

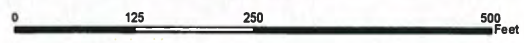
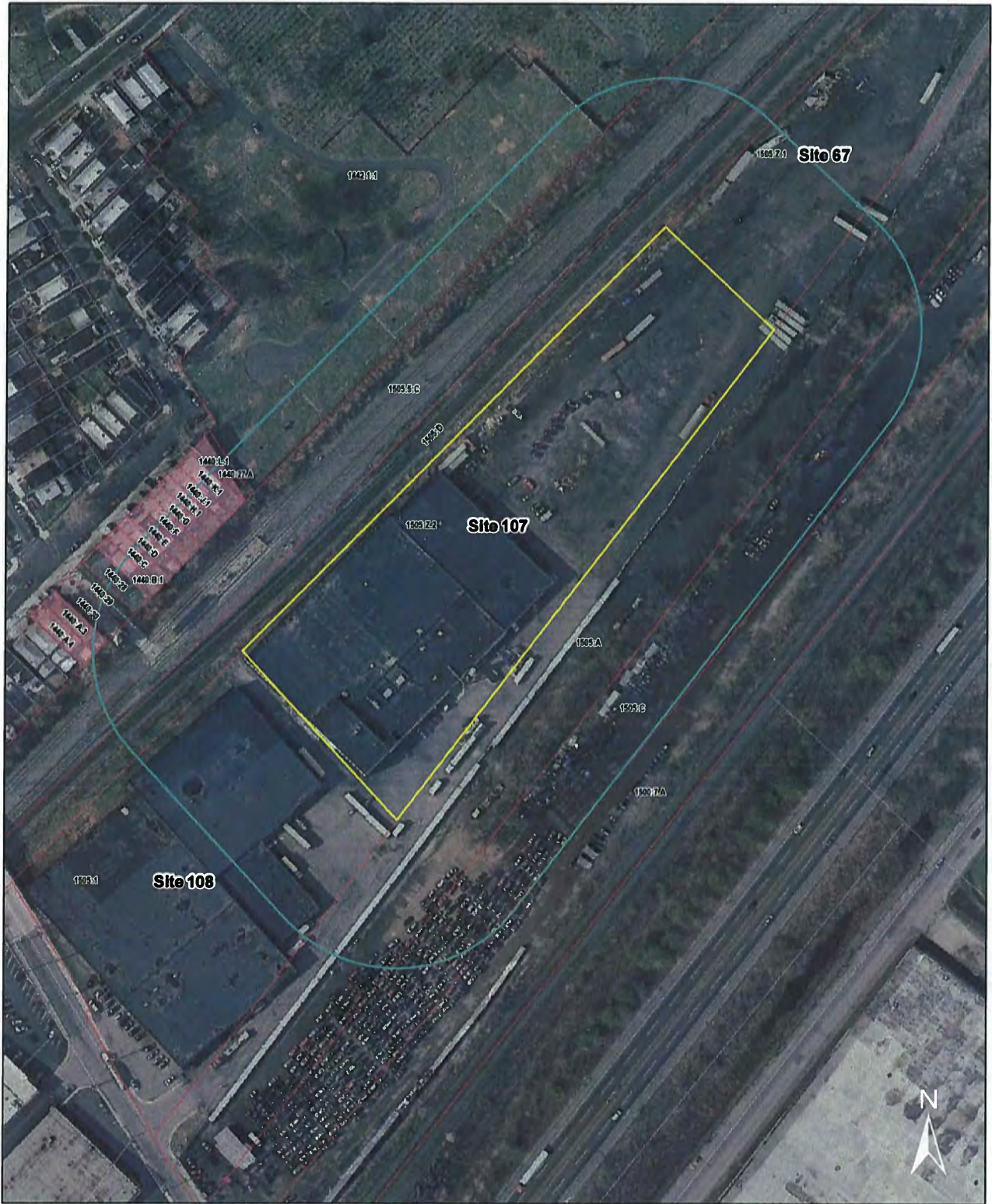
Other Properties within 200 Feet of Site						
BLOCK	LOT	PROP. CLASS	PROP. LOC	OWNER	STREET	CITY STATE ZIP CODE
1440	28	1 Vacant Land	370 PRINCETON AVE.	370 PRINCETON, L.L.C.	179 LARCH AVENUE	BOGOTA, NJ 07603
1440	27.A	1 Vacant Land	392 PRINCETON AVE.	WILEY, ROBERT	48 TEMPLE PLACE	IRVINGTON, NJ 07111
1505	A	1 Vacant Land**	MORRIS CANAL	CONSOLIDATED RAIL	P. O. BOX 8499	PHILADELPHIA, PA 19101
1505	D	1 Vacant Land	MORRIS CANAL	CONSOLIDATED RAIL CORP.	P. O. BOX 8499	PHILADELPHIA, PA 19101
1505	Z.1	1 Vacant Land**	CHAPEL AVE.	GREENBERG PROP. LLC %COMMERCIAL RLT	PO BOX 1177	RIDGEWOOD, NJ 07451
1505.5	C	1 Vacant Land	MORRIS CANAL	CONSOLIDATED RAIL	P. O. BOX 8499	PHILADELPHIA, PA 19101
1440	29	15C Exempt Public	368 PRINCETON AVE.	NEW JERSEY TRANSIT	ONE PENN PLAZA EAST	NEWARK, NJ 07105
1440	30	15C Exempt Public	366 PRINCETON AVE.	NEW JERSEY TRANSIT	ONE PENN PLAZA EAST	NEWARK, NJ 07105
1442.1	1	15E Exempt Cemetery	326 GARFIELD AVE.	BAY VIEW-NEW YORK BAY CEMETERY ASSO	321 GARFIELD AVE.	JERSEY CITY, NJ 07305
1505	1	48 Industrial***	20 LINDEN AVE. EAST	LYNCLARE GROUP, INC.	20 LINDEN AVE. EAST	JERSEY CITY, NJ 07305
1505	C	5A Class 1 Railroad	MORRIS CANAL	CONSOLIDATED R.R.	P. O. BOX 8499	PHILADELPHIA, PA 19101
1500	7.A	Same use as Block 1505 Lot C				

Notes:

* Information obtained from http://tax1.co.monmouth.nj.us/cgi-bin/prc6.cgi?&ms_user=glou&passwd=data&arch_type=0&adv=0&out_type=0&district=0906

** Hudson County Chromate Site 67

*** Hudson County Chromate Site 108



Legend

- PPG JCO Site Boundaries
- 200-Foot Buffer
- Other Properties within 200-Foot Buffer
- Sensitive Properties within 200-Foot Buffer
- Hudson County Parcels

Notes:
 1 State Plane NAD83 Coordinates, U.S. Survey Feet.
 2 New Jersey 2007 - 2008 High Resolution Orthophotography, NJ Office of Information Technology (NJGIT), Office of Geographic Information Systems (OGIS), Trenton, New Jersey, 2009.
 3 Parcels of Hudson County, New Jersey State Plane NAD83, Hudson County Department of Planning, Jersey City, New Jersey, January 27, 2010.



Receptor Evaluation 200-Foot Buffer PPG Industries Site 107 (18 Chapel Avenue) Jersey City, Hudson County, New Jersey			
SCALE:	DATE:	PROJECT NUMBER:	PATH AND FILE NAME
1:1,000	03/16/2011	00154801	PPG INDUSTRIES - PPG02\Site107_gis\receptor\rc\Parcel.r1.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:
B-1
SHEET NUMBER:
1 of 1

Attachment B

Results of Well Search

Well Search for

CASE NAME:	Hudson County Chromate 107
PROGRAM INTEREST (PI) ID #:	G000008728
SPREADSHEET SUBMISSION DATE:	7/22/2011

WELL_PERMIT_NUM	WELL_TYPE	LOCATION_ADDRESS	COUNTY	MUNICIPALITY	COMU	BLOCK	LOT	X	Y	COORD_METHOD	FINISHED_DEPTH	OPEN_INTER_STATIC_LEVEL	STATUS
2600049831	industrial	758 GARFIELD AVE.	Hudson	Jersey City	0906	1487	11A,11B	610374	681545	ATLAS GRID			Active
2600001731	industrial		Hudson	Jersey City	0906			604213	681516	ATLAS GRID			Active
2600001742	industrial		Hudson	Jersey City	0906			604232	677488	ATLAS GRID			Active
2600038613	industrial	1505 KENNEDY BLVD	Hudson	Jersey City	0906	1250	A1-B2	602146	678774	ATLAS GRID	400		Active
2600004392	industrial	LIBERTY PARK	Hudson	Jersey City	0906			613934	678223	ATLAS GRID	180	70	10 Active
2600001335	industrial	500 GRAND STREET	Hudson	Jersey City	0906			609825	683567	ATLAS GRID	335	20	30 Active
2600012777	domestic	FOOT OF CHAPEL AVENUE	Hudson	Jersey City	0906	1500	7	606312	677478	ATLAS GRID			Sealed
WSRM919299	industrial	PPG SITE 114	Hudson	Jersey City	0906			611270	683620	ATLAS GRID			Active
WSIN852188	industrial	LIBERTY NATIONAL GOLF COURSE	Hudson	Jersey City	0906			610628	679392	ATLAS GRID			Active
WSIN852187	industrial	LIBERTY NATIONAL GOLF COURSE	Hudson	Jersey City	0906			610313	678346	ATLAS GRID			Active

9

WELL ABANDONMENT REPORT

MAIL TO

WELL PERMIT # 26-12777
of well sealed

Bureau of Water Allocation
CN 029
Trenton, NJ 08625

26 23 527

PROPERTY OWNER PORT LIBERTE

ADDRESS FOOT OF CHAPLE AVE JERSEY CITY, N.J.

WELL LOCATION FOOT OF CHAPLE AVE JERSEY CITY, N.J.

Street & No, Township, County

#1 LOT 7 BLOCK 1500

Well No, Lot & Block No, Longitude & Latitude

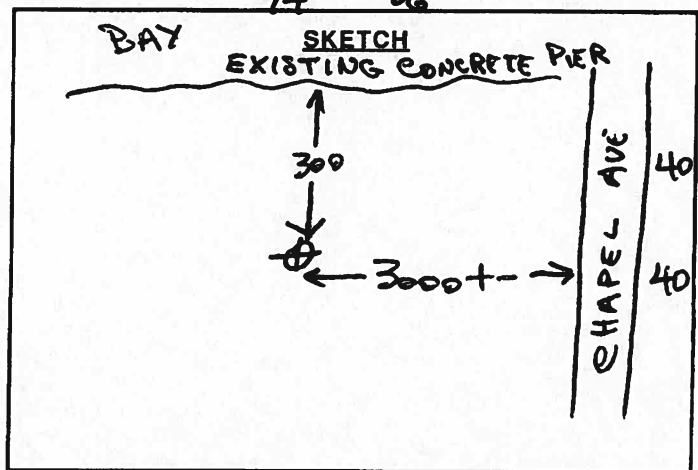
TYPE OF WELL ABANDONED IRRIGATION INDUSTRIAL MONITORING DOMESTIC
 PUBLIC OBSERVATION OTHER

REASON FOR ABANDONMENT NO LONGER NEEDED - CITY WATER PROVIDED

TOTAL DEPTH OF WELL 22'
DIAMETER 4"
CASING LENGTH 2'
SCREEN LENGTH 20'

MATERIAL USED TO SEAL WELL
13 Gallons of Water
2 Bags of Cement
6 Lbs of Bentonite
11 Lbs of Sand/Gravel
(none if well is contaminated)

FORMATION Consolidated
 Unconsolidated



To permit adequate grouting, the casing should remain in place, but ungrouted liner pipes or any other obstructions must be removed. Pressure grouting is the only accepted method.

WAS CASING LEFT IN PLACE? Yes No

WERE OTHER OBSTRUCTIONS REMOVED? Yes No

R.V. GREGORY
Name of Person Doing Sealing Work/Employer

1296
License #

Richard J Gregory
Signature of Person Doing Sealing Work

FOOT OF JERSEY AVE, J.C N.J
Address

Handwritten notes: N.J. CC 2127