Attachment J NJDEP Receptor Evaluation Form

New Jersey Department of Environme Site Remediation Program	
RECEPTOR EVALUATION (RE) FORM	Date Stamp
SECTION A. SITE NAME AND LOCATION	(For Department use only)
Site Name:	
List all AKAs:	
Street Address:	
Municipality:	
County:	Zip Code:
Program Interest (PI) Number(s):	_ Case Tracking Number(s):
Indicate the type of submission:	
☐ Initial RE Submission	
Indicate the reason for submission of an updated RE for Submission of an Immediate Environmental Concern 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 i A new AOC has been identified; A new receptor is identified; A new exposure pathway has been identified.	(IEC) source control report;
SECTION B. ON SITE AND SURROUNDING PROPERTY US	SE
 Identify any sensitive populations/uses that are currently or 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, facili location relative to the site. See Attachment B-1	ly names, type of use, and a map depicting each
 2. Current site uses (check all that apply): Industrial School or child care Other: 	Commercial Agricultural Park or recreational use
 3. Planned future site uses and off-site use within 200 ft of sit Industrial School or child care Government Vacant Other: Provide a map depicting the location of the proposed characterization 	Commercial Agricultural Park or recreational use

SE	CTION 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
	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:
	<u>* LNAPL – measured thickness of .01 feet or more</u>
	**DNAPL – See US EPA DNAPL Overview
2.	Soil Migration Pathway
	Has soil contamination been delineated to the applicable Direct Contact Soil Remediation Standard?
	Are all soils either below the applicable Direct Contact Criteria or under an institutional control (i.e. deed notice)?
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. See Attachment C-1
SE	CTION 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]?
	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?
4.	Has a well search been completed? 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. Crowned water contamination is located within a Tier 1 wellback partection area. (MUDA)
	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 D-1 has an electronic copy of the spreadsheet been submitted to See Attachment D-1 has an electronic copy of the spreadsheet been submitted to srpgis_wrs@dep.state.nj.us .
	If "No," explain:
6.	Are any private potable or irrigation wells located within ½ mile of the currently known extent of contamination?
	If "Yes," was a door to door survey completed?
	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)	🗌 No
9	Has contamination been identified in potable well(s) that is above the Ground Water Remediation Standards or Federal Drinking Water Standards?	□ 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 a http://www.nj.gov/dep/srp/guidance/index.html#iec for required actions and answer the following:	t
	Has an engineered system response action been completed on all receptors?? Yes Provide a brief narrative description:	🗌 No
	Date completed: NJDEP Case Manager:	
10.	. Were Non-potable use well(s) sampled and results were above Class II Ground Water Remediation Standards?	🗌 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?	🗌 No
SE	CTION 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 U	nknown
	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:	on
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, elevision gas or indoor vapor (explain): 	vated
	rou answered "No," or awaiting laboratory data to Question 1., <u>and</u> did not check any boxes in Question 2, proceed ection F, "Ecological Receptors", otherwise complete the rest of this section.	to
3.	Has ground water contamination been delineated to the applicable Ground Water Vapor Screening Level?	🗌 No
4.	Was a site specific screening level, modeling or other alternative approach employed for the VI pathway?	🗌 No
5.	Identify and locate on a scaled map any buildings/sensitive populations that exist within the following distances fr ground water contamination with concentrations above the Vapor Intrusion Ground Water Screening Levels or sp 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)	🗌 No

7.	Has soil gas sampling of the building(s) been conducted? Yes No If "No," or "N/A," proceed to #10	□ N/A
8.	Has indoor air sampling been conducted at the identified building(s)? Yes If "No," proceed to #10	🗌 No
9	Has indoor air contamination been identified but not suspected to be from the site? (if "Yes," attach justification)	🗌 No
10.	Indoor air results were above the NJDEP's Rapid Action Levels.	🗌 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	🗌 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	🗌 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?	🗌 No
	Has a plan to mitigate and monitor the exposure been submitted?	🗌 No
	Has the Mitigation Response Action Report been submitted?	🗌 No
12.	Has the vapor intrusion investigation been completed?	🗌 No
	If "No", is the vapor intrusion investigation stepping out as part of the site investigation or remedial investigation. (If "No," attach justification)	🗌 No
SE	CTION F. ECOLOGICAL RECEPTORS	
1.	Has an Ecological Evaluation (EE) has been conducted? [N.J.A.C. 7:26E-1.16]	🗌 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?	🗌 No
	Date conducted:	
4.	Provide the name(s) of any surface water body on or within 200 feet of the site:	
5.	Is free product or residual product located within 100 feet from an ecological receptor?	□ 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, pro- Section G. Otherwise attach a description of the type of contamination and provide a schedule and a descrip all actions to be taken to mitigate exposure	

 Free product or residual product is located within 100 Available data indicates an impact on ecological reception 		
☐ Initial Submission ☐ Interim Submission ⊠ No Change (if no change, indicate last RE date a	and skip to Section G: <u>07/2</u>	27/2011)
SECTION G. PERSON RESPONSIBLE FOR CONDUCT Full Legal Name of the Person Responsible for Conducting		
Representative First Name: Mark		
Title: Director, Environmental Affairs		
Phone Number: (412) 492-5466 Ext:	Fax:	(412) 492-5377
Mailing Address: 4325 Rosanna Drive, Building E		
City/Town: Allison Park	State: PA	Zip Code: 15101
Email Address: terril@ppg.com		
This certification shall be signed by the person responsibl in accordance with Administrative Requirements for the Re	e for conducting the remea emediation of Contaminate	diation who is submitting this notification d Sites rule at N.J.A.C. 7:26C-1.5(a).
I certify under penalty of law that I have personally examining including all attached documents, and that based on my in the information, to the best of my knowledge, I believe that aware that there are significant civil penalties for knowing am committing a crime of the fourth degree if I make a write aware that if I knowingly direct or authorize the violation of	quiry of those individuals in t the submitted information v submitting false, inaccura tten false statement which	mmediately responsible for obtaining is true, accurate and complete. I am ate or incomplete information and that I I do not believe to be true. I am also
Signature: Mark E. Territ	Date:	1213/2012
Name/Title: Mark Terrily Director, Environmental Affairs	No C	hanges Since Last Submittal 🗵

SECTION H. LICENSED SITE REMEDIATION PROFES		NATION AND STATEMENT
LSRP ID Number:		
		me:
Phone Number:	Ext:	Fax:
Mailing Address:		
City/Town:	State:	Zip Code:
Email Address:		
This statement shall be signed by the LSRP who is subm Section 30 b.2.	itting this notificati	on in accordance with SRRA Section 16 d. and
I certify that I am a Licensed Site Remediation Profession New Jersey. As the Licensed Site Remediation Profession		
[SELECT ONE OR BOTH OF THE FOLLOWING A	S APPLICABLE]:	
directly oversaw and supervised all of the referen		
personally reviewed and accepted all of the refer		•
I believe that the information contained herein, and includ	0	
It is my independent professional judgment and opinion to submission to the Department, conforms to, and is consis		
My conduct and decisions in this matter were made upon knowledge and skill ordinarily exercised by licensed site with N.J.S.A. 58:10C-16, in the State of New Jersey at th	remediation profes	sionals practicing in good standing, in accordance
I am aware pursuant to N.J.S.A. 58:10C-17 that for purport representation or certification in any document or informat significant civil, administrative and criminal penalties, incl imprisonment for conviction of a crime of the third degree	tion submitted to t uding license revo	he board or Department, etc., that there are
LSRP Signature:		Date:
LSRP Name/Title:		No Changes Since Last Submittal
Company Name:		_
Completed forms should be sent to the municipal clerk,	designate health of	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 B-1

List of Properties Within 200-feet of Site

Attachment B-1 List of Properties Within 200-feet of Site 108

Sensiti	ve Prop	erties within 200 Feet of Sit	te				
BLOCK	LOT	PROP_CLASS	PROP_LOC	OWNER	STREET	CITY_STATE	ZIP_CODE
1432	23.A	2 Residential	336 PRINCETON AVE.	GUY, NATALIE	336 PRINCETON AVE	JERSEY CITY, N J	07305
1432	23.B	2 Residential	338 PRINCETON AVE.	MANGUAL, MICHAEL	338 PRINCETON AVE.	JERSEY CITY, N.J.	07305
1432	24.A	2 Residential	340 PRINCETON AVE.	VINCOVA, SUZANA & SUSAN BELLUCCI	340 PRINCETON AVE	JERSEY CITY, N J	07032
1432	24.B	2 Residential	344 PRINCETON AVE.	MICHAEL, JOHN	344 PRINCETON AVE.	JERSEY CITY, NJ	07305
1432	L.1	2 Residential	332 PRINCETON AVE.	VIGARIO, JOHN R.	358 NEW ST.APT.1	NEWARK, N.J.	07103
1432	Μ	2 Residential	334 PRINCETON AVE.	OAKLEY, FRANCES H.*	334 PRINCETON AVE.	JERSEY CITY, N J	07305
1440	3.B	2 Residential	352 PRINCETON AVE.	CALTON, ROBERT J & MADELINE B	352 PRINCETON AVE	JERSEY CITY, N J	07305
1440	3.C	2 Residential	354 PRINCETON AVE.	BROWN, RONALD & ANGELICA	354 PRINCETON AVE.	JERSEY CITY, NJ	07305
1440	3.D	2 Residential	356 PRINCETON AVE.	VASQUEZ, FRANCISCO A. & BRITO, B.	356 PRINCETON AVENUE	JERSEY CITY, N.J.	07305
1440	A.3	2 Residential	364 PRINCETON AVE.	364 PRINCETON, LLC	364 PRINCETON AVE.	JERSEY CITY, NJ	07305
1440	A.4	2 Residential	362 PRINCETON AVENUE	DA CRUZ, JOHNA.	530 WEST SIDE AVE.	JERSEY CITY, N.J.	07304
1440	A.5	2 Residential	360 PRINCETON AVENUE	BISUMBER, GEONAUTH & DEVIKA	360 PRINCETON AVE.	JERSEY CITY, N.J.	07305
1440	A.6	2 Residential	358 PRINCETON AVE	MAINOR, SHANELL	712 SILVERSMITH LANE	NEWARK, DE	19702
1440	B.1	2 Residential	372 PRINCETON AVE.	MULARZ, ROBERT	372 PRINCETON AVE.	JERSEY CITY, N.J.	07305
1440	С	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.	RIZZIO, 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.	BUDHOO, 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	1.B	4C Apartment/cooperative	350 PRINCETON AVE.	350 PRINCETON AVE., LLC % MARK K.ESQ	660 NEWARK AVE., #200	JERSEY CITY, N.J.	07306
1440	1.C	4C Apartment/cooperative	346 PRINCETON AVE.	DLRA CORP., A N.Y. CORPORATION	105-02 95TH AVE.	OZONE PARK, NY	11416

Other	Properti	es 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
1505	A	1 Vacant Land**	MORRIS CANAL**	CONSOLIDATED RAIL	P.O. BOX 8499	Philadelphia, pa	19101
505	D	1 Vacant Land	MORRIS CANAL	CONSOLIDATED RAIL CORP.	P.O. BOX 8499	Philadelphia, pa.	19101
505.5	С	1 Vacant Land	MORRIS CANAL	CONSOLIDATED RAIL	P. O. BOX 8499	PHILADELPHIA, PA.	19101
510	11	1 Vacant Land	CENTRAL R.R.	CONSOLIDATED RAIL	P. O. BOX 8499	Philadelphia, pa	19101
510	A.3	1 Vacant Land	BROWN PL.TO LINDEN	CONSOLIDATED RAILROAD	P.O. BOX 8499	PHILADELPHIA, PA.	19101
440	29	15C Exempt Public	368 PRINCETON AVE.	NEW JERSEY TRANSIT	ONE PENN PLAZA EAST	NEWARK, NJ	071052246
440	30	15C Exempt Public	366 PRINCETON AVE.	NEW JERSEY TRANSIT	ONE PENN PLAZA EAST	NEWARK, NJ	071052246
505	2	15C Exempt Public	10 LINDEN AVE.EAST	CITY OF JERSEY CITY	280 GROVE ST.	JERSEY CITY, N.J.	07302
505	Z.2	4B Industrial***	E.LINDEN AVE.	GREENBERG PROP. LLC %COMMERCIAL RLT	PO BOX 1177	RIDGEWOOD, NJ	07451
510	Z.1	4B Industrial	LINDEN AVE. EAST	FISHBEIN, ETAL C/O PAVEY ENVEL. TAG	PO BOX 21050	LEHIGH VALLEY, PA	18002
505	С	5A Class I Railroad	MORRIS CANAL	CONSOLIDATED R.R.	P. O. BOX 8499	PHILADELPHIA, PA.	19101
500	7.A	Same use as Block 1505 Lot C					
507	В	Commercial	15 LINDEN AVE. EAST				
507	D.1	Commercial	LINDEN AVE. EAST				
507	Y	Commercial	15 LINDEN AVE. EAST				

Notes:

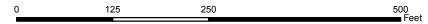
* Information obtained from http://tax1.co.monmouth.nj.us/cgi-bin/prc6.cgi?&ms_user=glou&passwd=data&srch_type=0&adv=0&out_type=0&district=0906

** Hudson County Chromate Site 67

*** Hudson County Chromate Site 107

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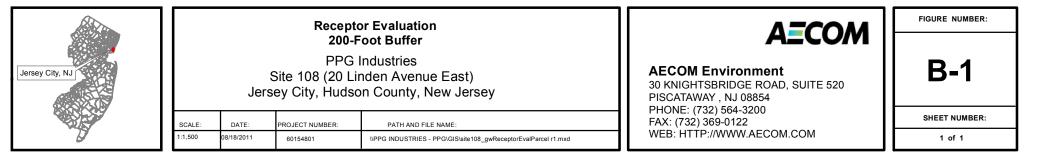


Legend



- 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 (NJOIT), 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.





AECOM 30 Knightsbridge Road, Suite 520 Piscataway, NJ 08854

February 11, 2010

Mr. Michael McCabe Site Administrator McCabe & Associates 4 Normandy Drive Chadds Ford, PA 19317

Subject: Judicial Consent Order (JCO) Residential Sampling Program Historical Records Search 332 Princeton Avenue, Jersey City, New Jersey Block 1432, Lot L.1

Dear Mr. McCabe,

On January 22, 2010, AECOM Environment (AECOM) received a request for a Residential Inspection and Eligibility Determination from Brian McPeak. After review, it was determined that this property was located within the boundary outlined by the JCO for Sites 107/108. As part of the eligibility determination process, AECOM conducted a historical records search and review.

Based on the results of AECOM's historical records search, AECOM discovered no direct information indicating the historic use of Chromium Chemical Production Waste at the subject site. Please refer to the revised Records Search Report (attached) for further detail on our findings.

Yours sincerely,

Scott H. Mikaelian, P.E. Program Manager

cc: B. McGuire, PPG B. McPeak, Planning Progress M. Terril, PPG R. Simun, AECOM

Rubal L. Ferly

Richard Feinberg, P.G. Senior Project Manager



Results of Historical Records Search and Residential Site Inspection Eligibility Determination

332 Princeton Avenue, Jersey City, Hudson County, New Jersey



Results of Historical Records Search and Residential Site Inspection Eligibility Determination

332 Princeton Avenue, Jersey City, Hudson County, New Jersey

Prepared By Richard Simun, Project Manager

Rubal P. Ferly

Reviewed By Richard Feinberg, Senior Project Manager

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List of Appendices

Appendix A Historical Records Checklist

Appendix B Reference Materials

1.0 Background

In June 2009, PPG Industries Inc. (PPG), entered into a Judicial Consent Order (JCO) which required the investigation and if necessary, the remediation of chromate chemical production waste (CCPW) at residential properties within the vicinity of the PPG Sites in Hudson County, New Jersey. On behalf of PPG, AECOM prepared a Residential Site Investigation Work Plan (RSIWP), which outlined the proposed general scope of work to conduct Residential Site Investigation (RSI) activities at residential properties located in Hudson County, New Jersey.

The objective of the RSIWP is to identify and characterize potential chromium impacts on residential properties within the designated boundary around any PPG Hudson County Chromate Site listed in the JCO. Per the JCO, the Site Administrator (SA) set-up a call-in telephone number to enable residents within the designated boundaries to request a property inspection if they suspect that CCPW may be present on their property.

Historical information indicates that in some cases, soil that contained CCPW was used for backfill in residential sections of Jersey City. This material may have been used after the demolition of homes to backfill vacant lots. In order to determine which residential properties indicate a potential to contain CCPW a decision point or criteria needs to be established.

The former Chromate Production Facility (also known as Site 114, 900 Garfield Avenue) operated between 1920 and 1964. Based on previous legal testimony, a subsequent property owner sold CCPW during the early 1970's to the Jersey City Redevelopment Agency (JCRA) for use as backfill material on residential properties which they had taken and demolished.

In the absence of testimony or analytical results stating that CCPW is present on a residential property, the following points should be considered in determining whether further action is warranted at residential properties where the owners have requested inspections:

- 1. If historical information indicates that a structure on the property was demolished prior to 1970, it is unlikely that CCPW from PPG's former Chromate Production Facility has been used to level the property.
- 2. If historical information indicates that a structure on the property was demolished in the early 1970's, it is possible that CCPW from PPG's former Chromate Production Facility has been used to level the property.
- 3. If historical information indicates that the current structure on the property was constructed prior to 1970 it is unlikely that backfill material originating from PPG's former Chromate Production Facility has been used on the property.
- 4. It is unlikely that CCPW from PPG's former Chromate Production Facility is present on any property that was not deeded to JCRA in the early 1970's.

After receiving the Residential Inspection and Eligibility Determination Request from the owner of 332 Princeton Avenue, Jersey City, New Jersey, the SA requested that the first phase of the process (confirmation of eligibility and historical records search) be initiated. This request was communicated to PPG on January 22, 2010.

Based on the review of the request, it was determined that the property may be eligible for an inspection. Therefore, during the week of January 25, 2010, AECOM performed a records review at local and

http://portal.env.aecomnet.com/projects/PPG/ResInspProg/Historical Record Searches/332 Princeton Avenue/2010-02-11_Records_Search_Report_332_Princeton_FD_rev1.docx

county offices in Hudson County, New Jersey. During that time the Historical Records Checklist (Appendix A) was completed. The following sections summarize the results of AECOM's Historical Records Search.

Property Location and Surrounding Area 2.0

The subject property is located at 332 Princeton Avenue, Jersey City, New Jersey. The block and lot designations for this property are as follows: Block 1432, Lot L.1 (The location of this property is designated on the maps and aerial photographs in Appendix B).

The property is located in a residential area, approximately 285 feet west of Site 108, and is situated within the boundary outlined by the JCO for Sites 107/108.

3.0 Property History and Ownership

The property history was compiled by reviewing available deed information on file with the Office of the Hudson County Register, Sanborn® Fire Insurance Maps (Sanborn Maps), historical aerial photographs (Appendix B), and available information on file at Jersey City Municipal Offices.

Based on information obtained from the Jersey City Tax Assessor's Office, in 1863 a residential structure was constructed on the subject property. Based on AECOM's review of Sanborn Maps, in 1898 the subject and adjacent properties to the north (334 Princeton Avenue) and to the south (330 Princeton Avenue) appeared to contain 2-story "dwellings". Sanborn Maps dated 1912, 1950, 1979, 1988, 1991, 1994, 1995, 1999, 2001, 2002, 2003, 2005 and 2006 showed no significant changes to the characteristics of the subject and adjacent properties shown on the 1898 Sanborn Map.

Based on AECOM's review of historical aerial photographs, in 1943 the subject and adjacent properties to the north and south appeared to contain rectangular-shaped structures. Aerial photographs dated 1953, 1966, and 2006 showed no significant changes to the conditions of the subject and adjacent properties shown on the 1943 aerial photograph. Additional aerial photographs of the subject property area dated 1976, 1985 and 1995 did not clearly show the conditions of the subject property due to poor image quality/resolution.

Based on information obtained from the Jersey City Tax Assessor's Office, the current owner of the subject property is listed as John R. Vigario. Based on available deed information, Mr. Vigario acquired the subject property from Robert Chalk and Barbara Chalk on August 12, 1987. Additionally, the following was determined about previous ownership:

Robert Chalk and Barbara Chalk acquired the subject property from Hans and Kathleen Hagan • on December 18, 1978.

Based on information obtained from the Jersey City Public Library, the subject property is listed in the Brooke's Review of Potential Sites of Historical Value in Jersey City.

http://portal.env.aecomnet.com/projects/PPG/ResInspProg/Historical Record Searches/332 Princeton Avenue/2010-02-11_Records_Search_Report_332_Princeton_FD_rev1.docx

4.0

A search of available environmental records for the subject property area was conducted by Environmental Data Resources, Inc. (EDR) of Milford, CT. EDR is an environmental database source that compiles comprehensive listing of Federal, State and Municipal environmental records. Based on AECOM's review of the EDR search neither the subject nor adjacent properties were identified in any of the environmental databases.

On January 25, 2010, AECOM submitted **Freedom of Information Act (FOIA)** requests to review public records on file with the Jersey City Clerk's Office, Department of Housing, Economic Development, and Commerce, Department of Fire and Emergency Services, and Department of Health and Human Services. As of the date of this report, AECOM has not received responses from these municipal departments. When responses are received, any information on the subject property will be forwarded for further review and evaluation.

5.0 Findings and Recommendation

Based on the results of the historical records search, AECOM identified no direct evidence indicating the presence of CCPW on the property.

However, the results of the historical information indicated that the building structure currently located on the subject property was initially constructed in 1863. The building structures on the adjacent properties to the north and south appeared to be constructed sometime prior to 1898. There was no evidence that building demolition occurred at 332 Princeton Avenue or at the adjacent structures. There was no evidence that JCRA owned the property. Based on a review of these facts and our understanding of historical activities regarding the use of CCPW, it is considered unlikely that CCPW from PPG's former production facility was used at the site.

6.0 References

Environmental Data Resources, Inc., January 2010. Certified Sanborn® Map Report, Site 107/108, 20 Linden Avenue East. Jersey City, New Jersey 07305, Inquiry Number 2678557.9. November 23, 2009.

Environmental Data Resources, Inc., January 2010. EDR Aerial Photo Decade Package, Site 107/108, 20 Linden Avenue East., Jersey City, New Jersey 07305, Inquiry Number 2643727.11. November 23, 2009.

Environmental Data Resources, Inc., January 2010. EDR Radius Map[™] Report with GeoCheck®, Site 107/108, 20 Linden Avenue East, Jersey City, New Jersey 07305, Inquiry Number 2643727.8s. November 23, 2009.

Office of Hudson County Register located at 257 Cornelison Avenue, Jersey City, New Jersey. Deed dated August 12 for 332 Princeton Avenue.

Jersey City Tax Assessor's Office and Map Room located at 280 Grove Street, Jersey City, New Jersey. Review of Tax Assessment Records for 332 Princeton Avenue, January 25, 2010.

Jersey Room of Jersey City Public Library located at 472 Jersey Avenue, Jersey City, New Jersey. Brooke's Review of Potential Sites of Historical Value in Jersey City.

Internet Web Based Online NJ Tax Record Database – <u>http://tax1.co.monmouth.nj.us/cgi-in/prc6.cgi?&ms_user=monm&passwd=data&srch_type=0&adv=0&out_type=0&district=0906</u>

Appendix A

Historical Records Checklist

Hudson County Chromium Building Inspection February 2010 - H	listorical Records Search Checklist
Property Address: 332 Princeton Avenue	
Owner/Tenant: John R. Vigario	
Owner Address: 332 Princeton Avenue	
Block/Lot: 1432 / L.1	
A. Historical Search	
Historical Information	
1. What year was the building constructed?	1863
2. What was the name of the builder?	Currently Unavailable
3. What year was the building modified?	Currently Unavailable
 4. Does the builder have any information leading the inspector to believe that chromium contaminated fill was transported and used as backfill at the facility? 5. Do any chrome sites other than what PPG is responsible for exist proximate to this property? 6. What is the distance of the property to the nearest chromium site? 7. What is the name of the closest chromium site? 8. Is there any evidence that indicates that construction activities may have occurred during the 1970's where CCPW fill may have been potentially used? 9. Was the property ever owned by the City of Jersey City? If yes, when did the City of Jersey City own the property? 10. Was the property ever owned by the Jersey City Redevelopment Agency (JCRA)? If yes, when did JCRA own the property? 	Currently Unavailable No 285 feet Site107/108 No
Building Type	
11. What is the building used for?	Residential

Appendix B

Reference Materials

Chromium Cleanup

Partnership PPG INDUSTRIES COURT-APPOINTED SITE ADMINISTRATOR

REQUEST

Residential Inspection and Eligibility Determination

If your home is near a PPG Industries chromium cleanup site and you want to request an inspection, or if you want to find out whether your property qualifies for an inspection, please complete this form and return via fax (201-777-2099) or mail to Chromium Cleanup Partnership, P.O. Box 15981, Jersey City, N.J., 07305.

You can also request an inspection or eligibility determination by:

- Calling the Residential Inspection Program request line at (201) 777-2099; or .
- Sending an e-mail to inspection@chromecleanup.com.

Your name:	John Vigario	
Property address:	332 Princetion Ave	
Municipality:	Jersey City Bayonne	
Telephone number:	(973) 652 2695	_
E-mail address:	Johnny Vigar @ MSN. CO	M
✓ Is this a resident	tial property? (If No, your property is not eligible for this program)	
Yes	No	
✓ Are you request	ing?	
An inspe	ection Eligibility determination	
✓ Are you the own	ner of the property mentioned above or a tenant?	
Owner	Tenant	
(Optional) If you know	the block and lot where your property is located, please provide.	
Block	Lot	

Deed. This Deed is made on March 10, 2000 BETWEEN JOHN VIGARIO and JACQUELINE F. MAND VIGARIO, whose post office address is 332 Princeton Avenue, Jersey City, NJ referred to as the Granter, AND R. game excess, JOHNAVIGARIO, EGISTER OF whose post office address is 332 Princeton Avenue, Jersey City, NJ referred to as the Grantee. The words "Grantor" and "Grantee" shall mean all Grantors and all Grantees listed above. 1. Transfer of Ownership. The Grantor grants and conveys (transfers ownership of) the property (called the "Property") described below to the Grantee. This transfer is made for the sum of \$1,00 The Grantor acknowledges receipt of this money. 2. Tax Map Reference. (N.J.S.A. 46;16-1.1) Municipality of Jersey City Block No. 1432 Lot No. L-1 Qualifier No. Account No. No property tax Identification number is available on the date of this Deed. (Check box if applicable.) 3. Property. The Property consists of the land and all the buildings and structures on the land in Jersey City and State of New Jersey. The legal description is: the City County of Hudson of I Please see attached Legal Description annexed hereto and made a part hereof. (Check box if applicable.) 9.64 ELESSE Codel S Cosalderation 1 9 1.2.1.1.1 State 9.9 Coles 84/11/2009 Cossly 9.98 lee3 ed by (print signer's name below s'gnature) (For Recorder's Use Only) Gald B. Weinberg, Esq. Attoxney of law of the State of New Jerse 103 - Deed - Barguin and Sale Con. to Granter's Act - Ind. to Ind. or Corp. Plain Language Rev. 1056 Price date 11/55 BK 5600PG 287 O1000 by ALL-STATE Legal A Dhisko of ALL-STATE Interactional, Inc. A DATAKE W O Pagel 1.

BEGINNING at a point in the Southerly line of Princeton Avenue distant 148.62 feet Westerly from its intersection with the Westerly line of Linden Avenue and rom thence running: (1) North 50 degrees East 18.75 feet to a point; thence

(2) North 40 degrees West through a party wall standing partly on the premises herein described and standing partly on the premises adjoining to West 100 feet to a point; thence

(3) South 50 degrees West 18.75 feet to a point; thence

(4) South 40 degrees East through a party wall standing partly on the premises herein described and standing partly on the premises adjoining to the East 100 feet to a point in the Southerly line of Princeton Avenue; thence

(5) North 50 degrees East 18.75 feet to the point of place of BEGINNING.

BEING commonly known as 332 Princeton Avenue, Jersey City, New Jersey.

BEING also known as Block 1432 Lot L-1 on the present Tax Map of the City of Jersey City.

This description is in accordance with a survey made by Frank W. Koestner Associates dated April 29, 1987.

Being the same premises conveyed to John Vigario and Jacqueline F. Hand Vigario by deed from Robert Chalk and Barbara Chalk, his wife, dated August 12, 1987 and recorded on August 13, 1987 in the Hudson County Register's Office in Book 3787 Page 111.

This conveyance is made pursuant to a settlement as part of the resolution of <u>Vigario</u>, Superior Court of New Jersey, Hudson County, Chancery Division, Family Part, Docket No.: FM-09-1754-98.

Joince

8K5600PG288

a brief to the standard to be build

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This Deed is made on August	1200, 19 67.		<u></u>	1
BETWEEN	RT CHALK and BA	RDAMA CHALK, his wif	e	
	æ			
whose address is 332 Princo	ton Avenue, Jer	sey City, New Jersey 	the Grantor.	-
AND JOHN his y		CQUELINE F. NAND VIG	ARIO,	
whose past office address is about Now Jorsey The words "Granter" and "Grantee"		referred to as	the Granice.	
Transfer of Ownership. The described below to the Grantee, Thi ONE HUNDRED THENTY FIVE	s transfer is made for a THOUSAND and	onveys (transfers ownership of) he sum of 00/100 DOLLARS Giantor neknowledges receipt o		
Tax Map Reference. (N.J.) Hlock No. 1432 No property tax identification t	Lat No. L-1	Account No.	it applicable.t	
Property. The property con the City County of Hudson	u1 ,	It the buildings and structures of Jersey City Jersey. The legal description is		
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BEING also known as Block 1 City of Jersey City.	432 Lot L-1 on	the present Tax Map	of the	11
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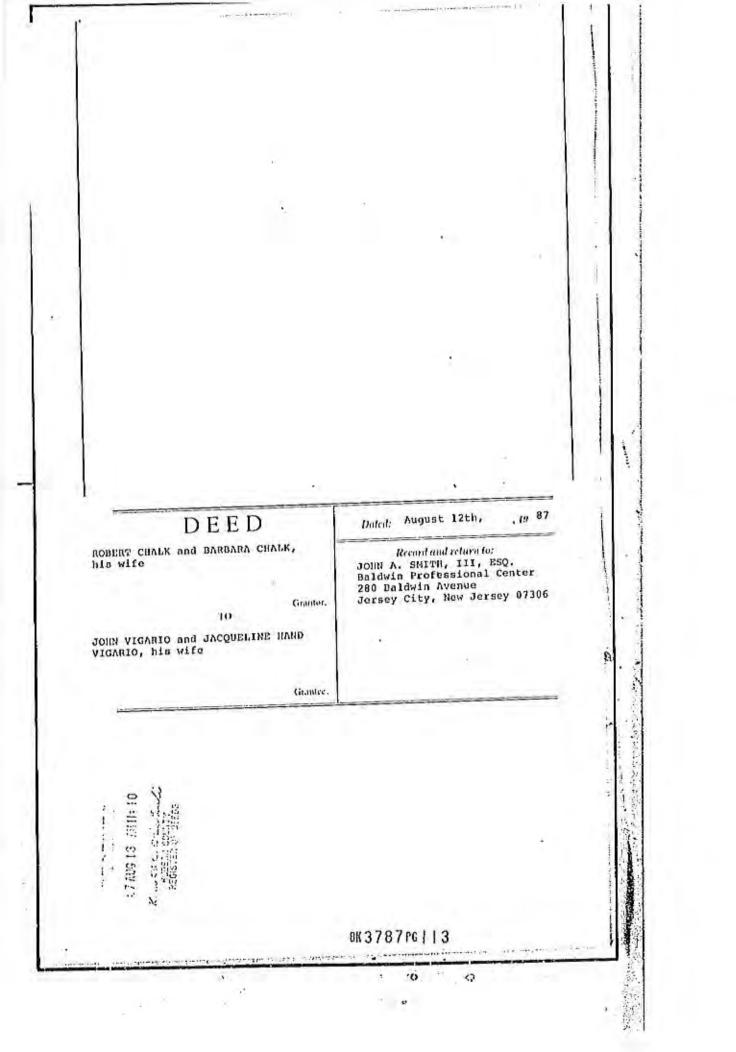
Promises by Grantor. The Grantor promises that the Grantor has done no act to encumber the property. This promise is called a "covenant as to grantor's acts" (N.J.S.A, 46:4-6). This promise means that the Grantor has not allowed anyone che to obtain any legal rights which affect the property (such as by making a mortgage or allowing a judgment to be entered against the Grantor).

э.

Mary S.

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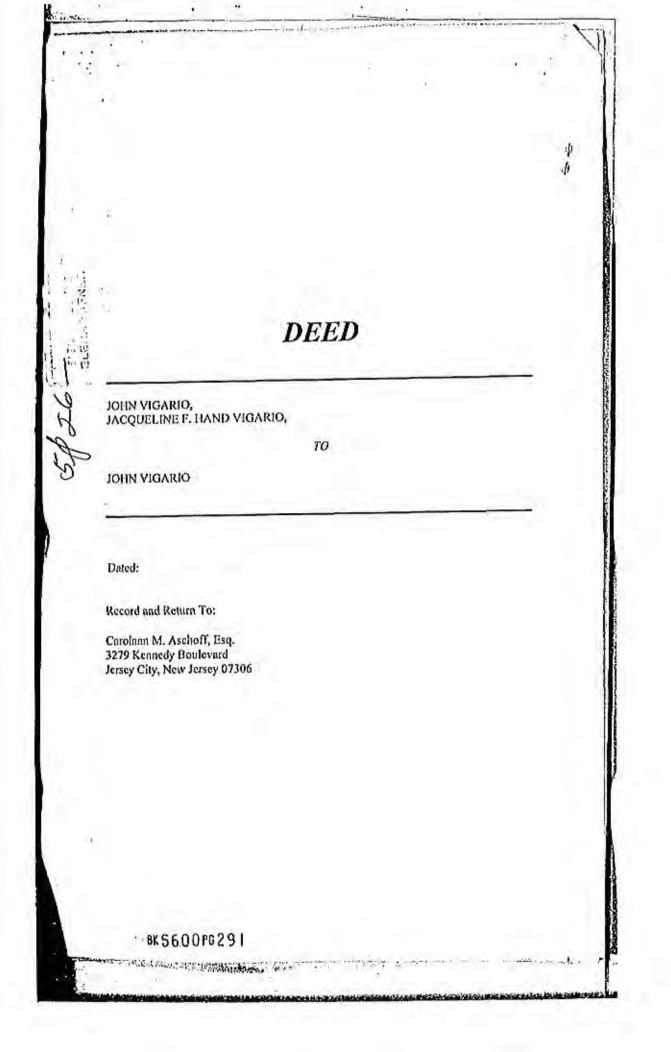
The Grantor signs this Deed as of the date at the top of the first page. Signatury (Scal) Winepied (Scal) NETCHERT, ESQ. WILLIAM 11 \$5.: STATE OF NEW JERSEY, COUNTY OF HUDSON . 19 87 . I CERTIFY that on August 12th, ROBERT CHALK and BARBARA CHALK, his wife personally came before me and acknowledged under oath, to my satisfaction, that this person (or if more than one, each person): (a) is named in and personally signed this Deed;
(b) signed, stated and delivered this Deed as his or her act and deed; and
(c) made this Deed for \$ 125,000.00 as the full and actual consideration paid or to be paid for the transfer of title. (Such consideration is defined in N.J.SrA. 46:15-5.) and tale below spectral WILLIAM J. HETCHERT, ESQ. NTTORNEY AT LAW OF NEW JPRSEY BK378786112 0



Notests - Attached Constitution RTF-1 (Rev. 10:80) AFFIDA Print date 578	STATE VIT OF CON	OF NEW JERSEY SIDERATION OR E 49, P.L. 1953)	XEMPTION	A Considered ALL-STATE In	ATE®Legs1 10/14/00-00 Inc. 1006-272-0500
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To be recorded with Deed pursuant to c. 4	9, P.L. 1968	, as amended by c. 2			
STATE OF NEW JERSEY COUNTY OFBergen	88.	Reality Frankled		1 JUN	
(I) PARTY OR LEGAL REPRESENTATIVE Departed Jacqueline Hand	(See Instr	* the symbol "C" i uetichs #3, 4 and 6 o being duly	n noverse side.)	999	WHITE A
deposes and says that he to is the Grantor				na deed date March1	10, NJ
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				Lotting	1.0
located at 332 Princeton Avenue	(Street A	Man Manifipe Ty. Countys			- NO
Jersey City, New Jersey				and anna	urdhoreta.
2) CONSIDERATION (See Instruction #8.) Deponent states that, with respect to deed h ther thing of value constituting the entire compen- ther realty, including the remaining empant of an cut agreed to be puid by the granifies and any other in the transfer of title is 1.00	ereto anner sation paid prior mari r lien or an	ted, the actual amo or to be paid for the lyaga to which the curnbrance, therean	ant of monsy 10 transfer of transfer [s su 11 not paid, sat	and the monotary val title to the lands, tend dect or which is to be tilled or remared in o	wHITE AND YELLOW COPIES MUST BE SUBMITTED WITH DEED
BY FULL EXEMPTION FROM FEE Depone posed by a 49, P.L. 1953, for the following reason(e) chafficient. The amount of consideration is less	at elabras tha Explain in-	t this deed transaction detail. (See Instruct	in is fully exen ion #7.) Mere	of from the Realty Tra reference to exemption	aymbol is
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, SENIAR CITIZEN (See Instruction #8.) Granton(s) (2 yrs. of age or over. " One- or iveo-family readential premises.	101			vimani, sia r other qualified exemp	
BLIND (See Instruction #8.) Grantor(e) legally blind. * One or two-family residential premises. Owned and occupied by grantor(s) at time of Sile. No joint owners other than spouse or other gasified except owners.		ABLED (See Ins Grantor(s) permanec Ora- or two-family re Hereiving disability r Hereiving disability r Owned and occupied sale. Not gainfully employ	tly and totally eidential prem ayments, by grantor(a) a	ises. L time of	A amer. O COUNTY RECOR
IN THE CASE OF HUSBAND AND WIFE, ONLY ONE GRANT	BRNEED	No joint owners othe qualified exempt own	ers.	romer	DIN
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NEW CONSTRUCTION (See Instruction # Entirely new Improvement. Net previously used for any purpose.	9.)	Not providently scenap	ied,	-	ICER
Deponent makes this Affidavit to induce the Count rewith in accordance with the provisions of 9, 49, P.L.	Clerk or R	egister of Deeds to n	word the dood	and accept the fee subs	alited
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allowed anyone else to obtain any legal rights whi	ch affect the Property	such as by making a mortgag	ge or allowing a	
Judgment to be entered against the Grantor).				
5. Signatures. The Grantor signa this Deed a signature.)	s of the date at the top	o of the first page. (Print na	me below each	
signature.				- 9
Witnessed By:			(Seal)	
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	Joth	r. Ugario	(Seal)	
	JOHN VIGARIO			
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STATE OF NEW JERSEY, COUNTY OF I CERTIFY that on	BERGEN		55.	
			1	
JACQUELINE P. JIAND VIGARIO personally came before me and slated to my satisfa	cilon that this person (o	r If more than one, each perso	n):	
(a) was the maker of this Deed; (b) executed this Deed as his or her own ect; and,				
	as the full and a	ctual consideration paid or to	be paid for the	
(c) made this Deed for \$1.00 transfer of title. (Such consideration is defined in N	J.S.A. 46:15-5.}	the contraction of part of the	interests and	
RECORD AND RETURN TO:	JAN	nna	6	
Carolana M. Aschoff, Esq.	- Alexan	erini title below signature)	-	1.s
3279 Kennedy Boulevard Jersey City, New Jersey 07306	Cala B. Wei		1	
Jersey City, New Jersey 0/308	Attorney at State of Ne	Law of the		1
STATE OF NEW JERSEY, COUNTY OF I CERTIFY that on March 31, 200	HUDSON SS.	-		
personally came before me and s	tated to my sa	erson):		E .:
(a) was the maker of this Deed; (b) executed this Deed as his o (c) made this Deed for \$1.00 as	r her own act.	and,		-
(c) made this Deed for \$1.00 as	the full and	actual transfer	1	÷
angideration said or to be	A IN R.J.S.A.	46115-5.1		
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NW-6780*** PHELAN HALLINAN & SCHMIEG, PC By: Rosemaric Diamond, Esq. 400 Fellowship Road, Suite 100 Mt. Laurel, NJ 08054 (856) 813-5500 Attorneys for Plaintiff

WELLS FARGO BANK, N.A. PLAINTIFF

VS. JOHN R. VIGARIO; MRS. JOHN R. VIGARIO, HIS WIFE

A MARINA MANAGERIAN VIA BARRIAN

20091214050044290 1/2 12/14/2009 11 19:53 AM LIS PENDERS 8k 433 Pa: 937 Willie L.Flood Hudson County. Register of Ceeds Receipt No. 260722

SUPERIOR COURT OF NEW JERSEY CHANCERY DIVISION HUDSON COUNTY DOCKET NO: F-50430-09

> CIVIL ACTION NOTICE OF LIS PENDENS

DEFENDANT (S)

TO WHOM IT MAY CONCERN

Notice is hereby given of the commencement and pendency of the above-entitled Civil Action, the general objects of which are:

 To forcelose the following mortgage covering the premises hereinafter described, to wit:

Mortgage made by JOHN R. VIGARIO and given to MORTGAGE ELECTRONIC REGISTRATION SYSTEMS INC AS A NOMINEE FOR OHIO SAVINGS BANK ITS SUCCESSORS AND ASSIGNS dated November 17, 2006 and recorded JANUARY 10, 2007 in the Office of the HUDSON County Register in Book 15299, page 109.

2. To recover possession of the lands and premises hereinafter described.

The land and premises to be affected by said suit are described in Exhibit "A" annexed hereto.

 The Foreclosure Complaint in the above-entitled action was filed in the Office of the Clerk of the Superior Court of New Jersey on September 23, 2009.

By:

PHELAN HALLINAN & SCHMIEG, PC

Date: December 7, 2009

VC

Vladimir Palma Attorneys for Plaintiff

LEGAL DESCRIPTION

All that certain tract or parcel of land, situated, lying and being in the City in the County of Hudson and the State of New Jersey more particularly described as follows:

BEGINNING at a point in the Southerly line of Princeton Avenue distant 148.62 feet Westerly from its intersection with the Westerly line of Linden Avenue and from thence running:

1) North 50 degrees East 18,75 feet to a point; thence

2) North 40 degrees West through a party wall standing on the premises herein described standing party on the premises adjoining to West 100 feet to a point; thence

3) South 50 degrees West 18.75 feet to a point; thence

4) South 40 degrees East through a party wall standing partly on the premises herein described and standing partly on the premises adjoining to the East 100 feet to a point in the southerly line of Princeton Avenue; thence

5) North 50 degrees East 18.75 feet to the point of pace of BEGINNING.

BEING commonly known as 332 Princeton Ave, Jersey City, New Jersey

BEING also known as Block 1432 Lot L-I on the present Tax Map of the City of Jersey City

FOR INFORMATIONAL PURPOSES ONLY: BEING known as Lot L.I, Block 1432 of the

official Tax Map of the City of Jersey City.

Property Address: 332 Princeton Avenue, Jersey City, New Jersey 07305.

EXHIBIT A

FILED 20291214050044290 12/14/2003 11:19:53 PM LIS PENCENS NUMBER OF PROES : 2 KR015ALES

Block: Lot: Qual: Prior Block Prior Lot:		Prop Loc: District: Class: Acct Num: Mtg Acct: Bank Code:		CITY	Street: City State: ditional Inform Addl Lots: Land Desc:	358 NEV NEWARK nation 18.75X1		EPL Code: Statute:	0 0 0
Prior Qual: Updated:	07/15/08	Tax Codes:			Bldg Desc: Class4Cd:		10-п	Initial: Desc:	000000 Further: 000000
Zone:		Map Page:	0809		Acreage:	0.043		Taxes:	0.00 / 2006.58
					Sale Informa				
Sale Date:	03/10/00	Book:	5600 Page: 28	7	Price:	1 NU#:	11		
Sr1a	Da	te	Book	Page	Price		NU#	Ratio	Grantee
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Year Ov	wher Information	ation Land	/Imp/Tot Exemp	otion As	sessed				
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		_							
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	NEW ST.APT		63600						
NEW	ARK, N.J. 0	7103	70800						
	ARIO, JOHN	D	7200	0	70800				
	PRINCETON		63600	0	70800				
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JERS	SEY CITY, NJ	07305	70800						

Site 107 and Site 108

20 Linden Ave East Jersey City, NJ 07305

Inquiry Number: 2643727.9 November 23, 2009

Certified Sanborn® Map Report



440 Wheelers Farms Road Milford, CT 06461 800.352.0050 www.edrnet.com

Certified Sanborn® Map Report

	Client Name: AECOM 30 Knightsbridge Road Piscataway, NJ 08854	
)	Contact: Christine Basinski	

The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by AECOM were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

Certified Sanborn Results:

Site Name:	Site 107 and Site 108
Address:	20 Linden Ave East
City, State, Zip:	Jersey City, NJ 07305
Cross Street:	
P.O. #	NA
Project:	PPG
Certification #	9FAC-442F-853D

Maps Provided:

Site Name:

Site 107 and Site 108 20 Linden Ave East Jersey City, NJ 07305

EDR Inquiry # 2643727.9

2006	1995	1912
2005	1994	1898
2003	1991	
2002	1988	
2001	1979	
1999	1950	



11/23/09

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

Library of Congress
 University Publications of America
 EDR Private Collection

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Certified Sanborn® Map Report Enhancements for 2009

The accompanying Certified Sanborn Map Report reflects a number of enhancements that make it easier for you to review these historical maps. EDR has digitally joined together the more than one million fire insurance maps from the Sanborn Library collection so that your target property is centered, making it easier for you to review adjoining properties. Here is a list of the new features:

• Your target property is centered on each map. You can quickly locate your target property and view adjoining properties. Plus, adjoining properties are included more often, reducing your need to refer to additional maps.

• All maps are now displayed at a uniform scale. This makes it easier for you to view changes to the property over time.

• We've increased coverage by adding thousands of new maps from 40 cities for years 1994-2007.

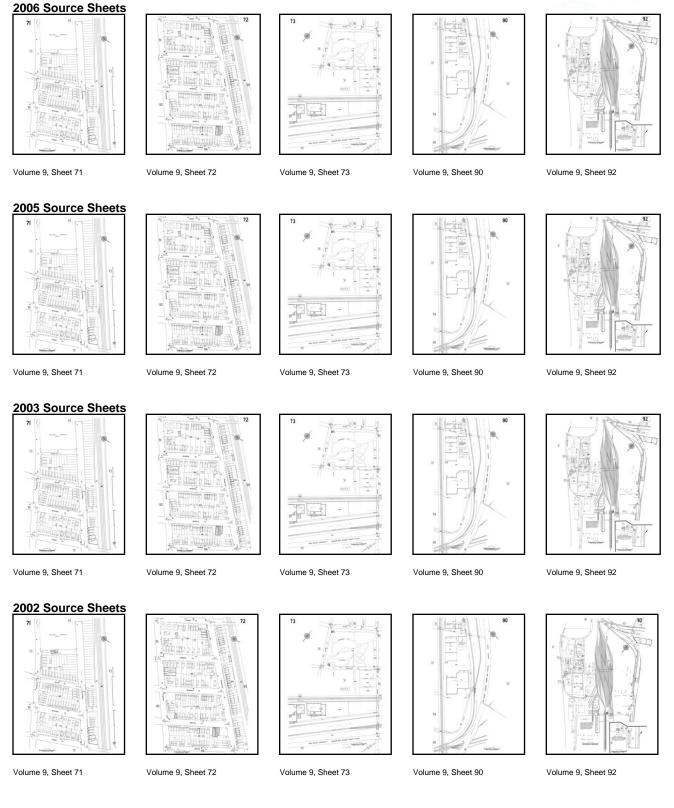
• A new Map Key and Sheet Thumbnails let you reference sheet numbers, year and volume of original Sanborn Map panels used for this report.

For more information about the new enhancements to the Certified Sanborn Map Report, contact your EDR representative at 800-352-0050.

Sanborn Sheet Thumbnails

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.





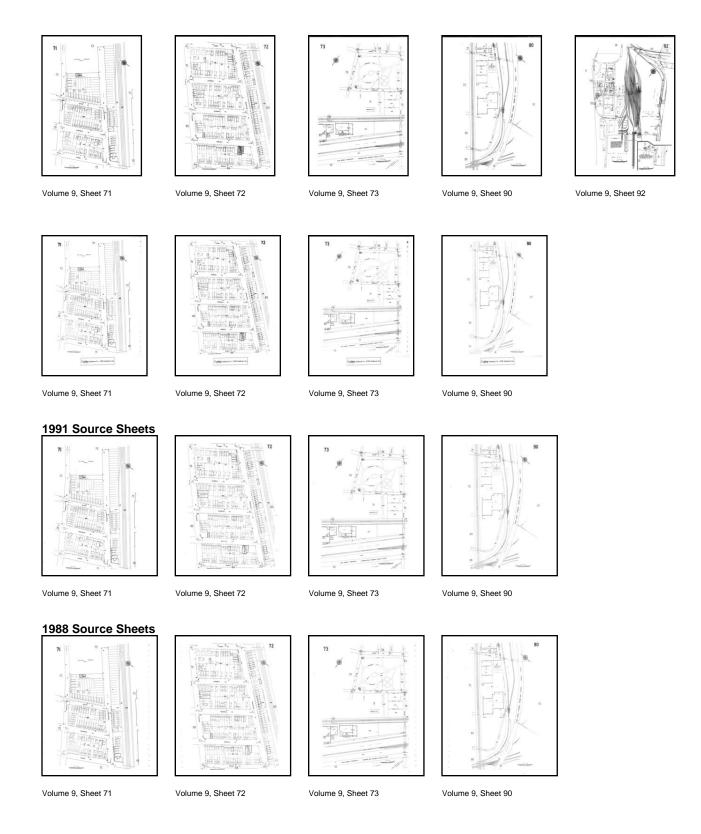
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Volume 9, Sheet 71

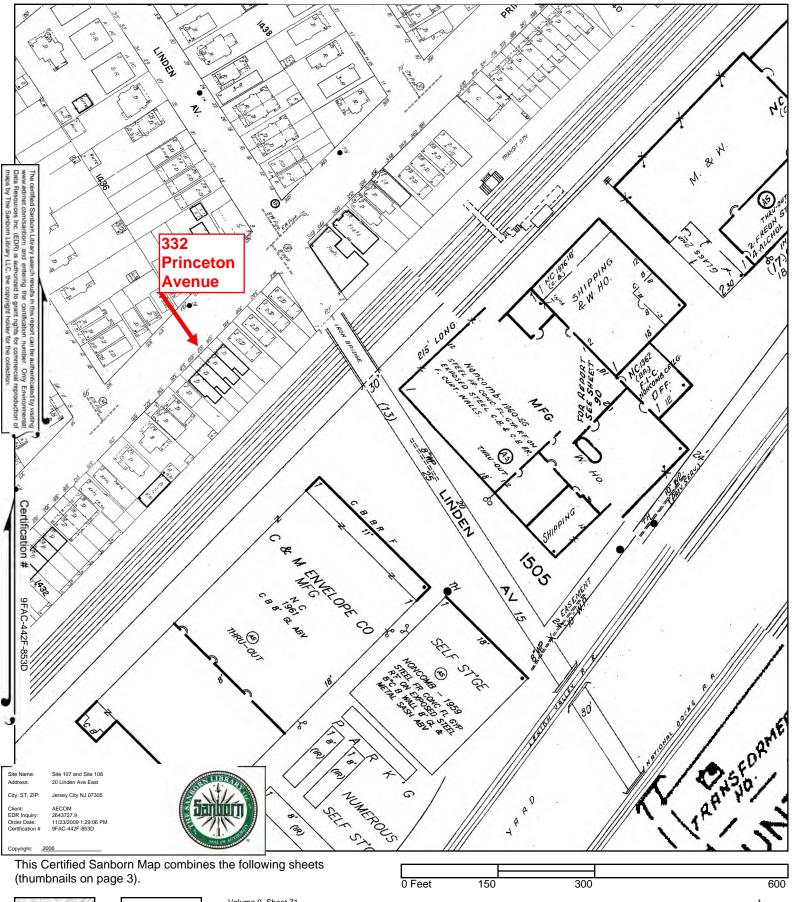
Volume 9, Sheet 72

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Volume 9, Sheet 90

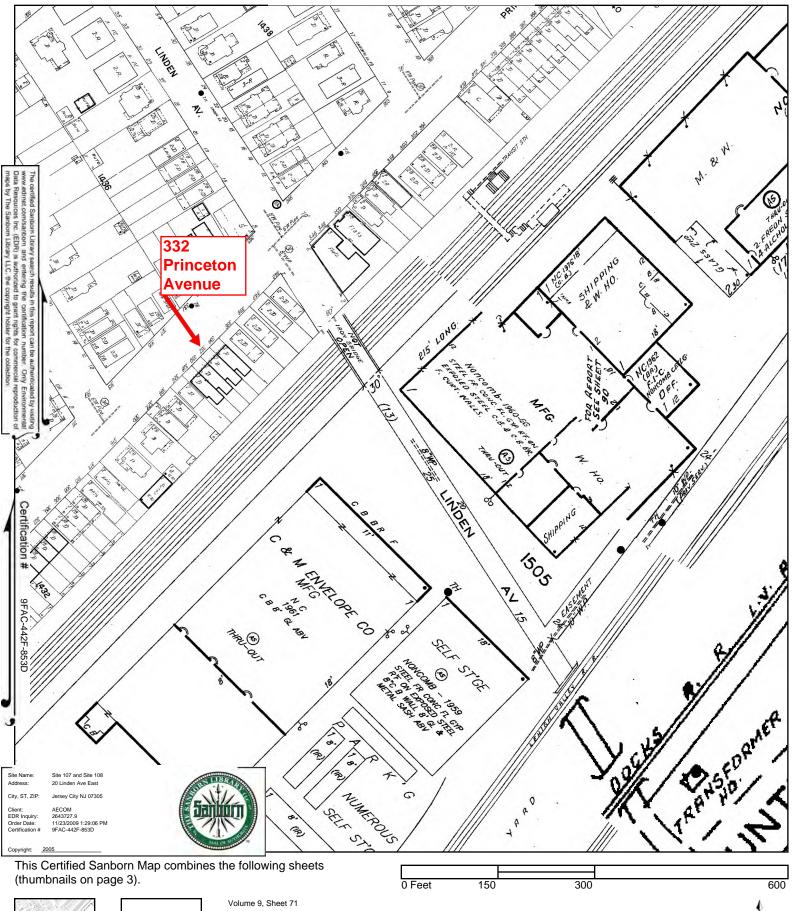


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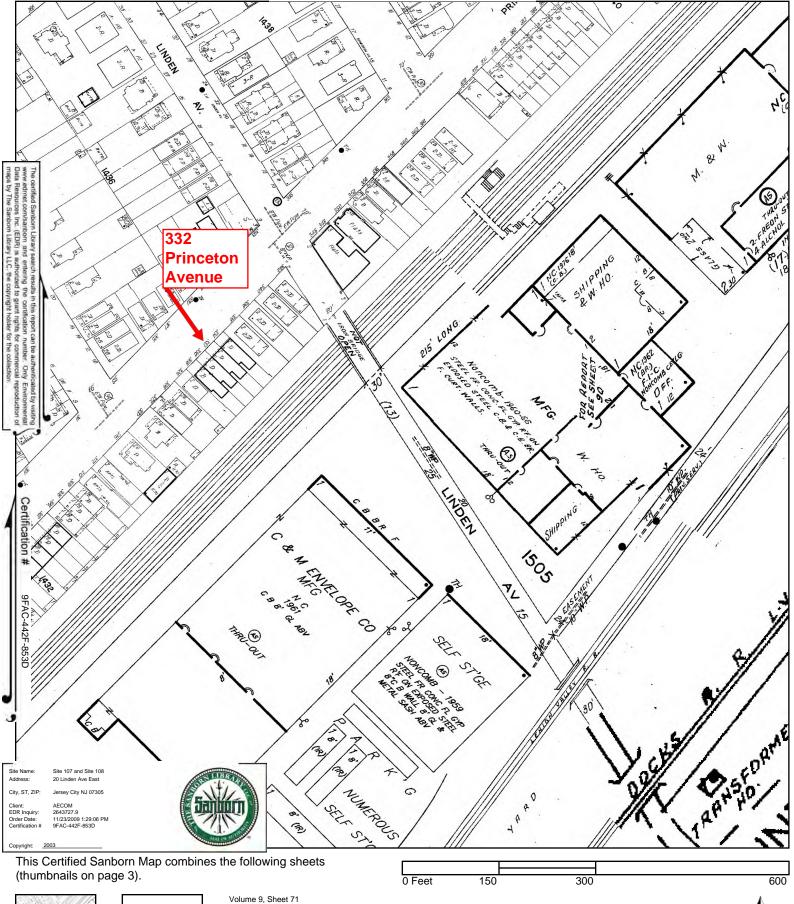




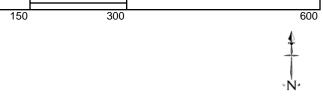


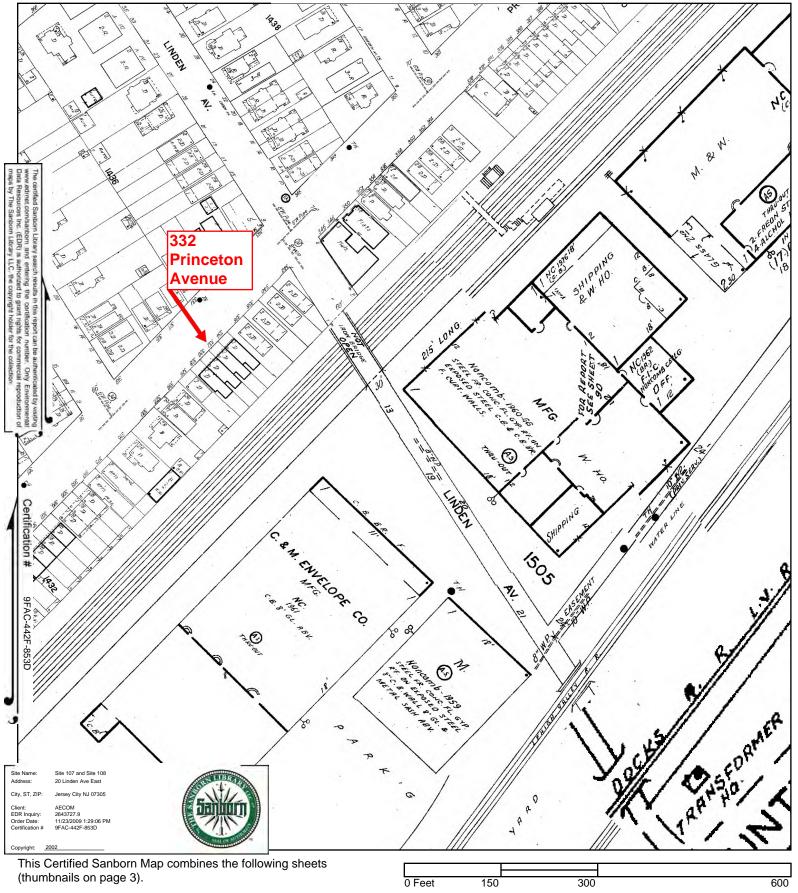




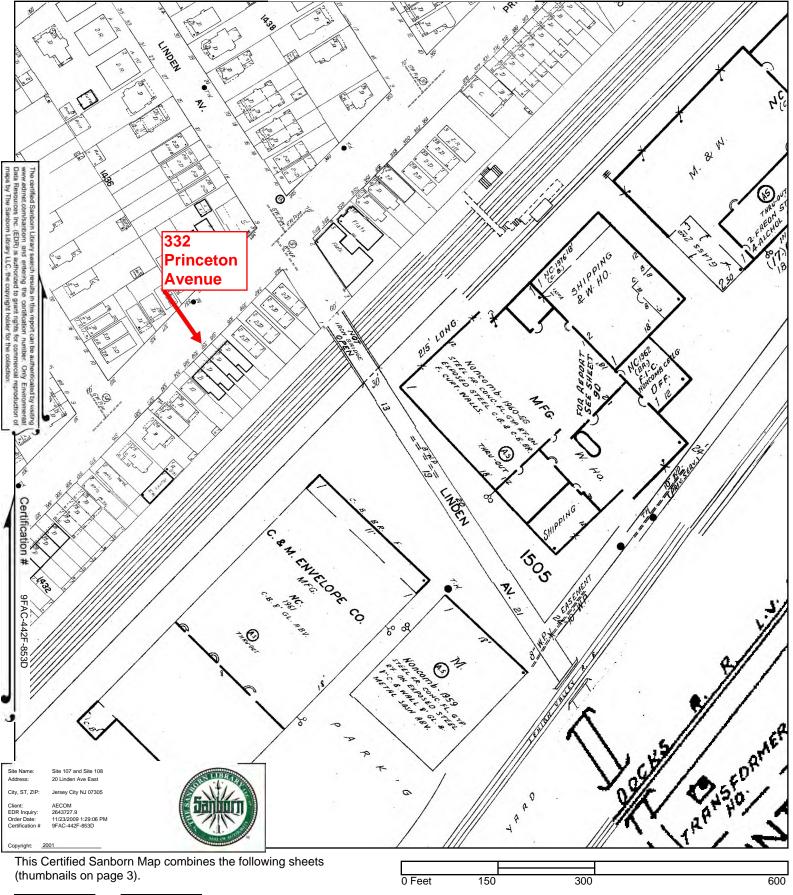


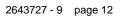


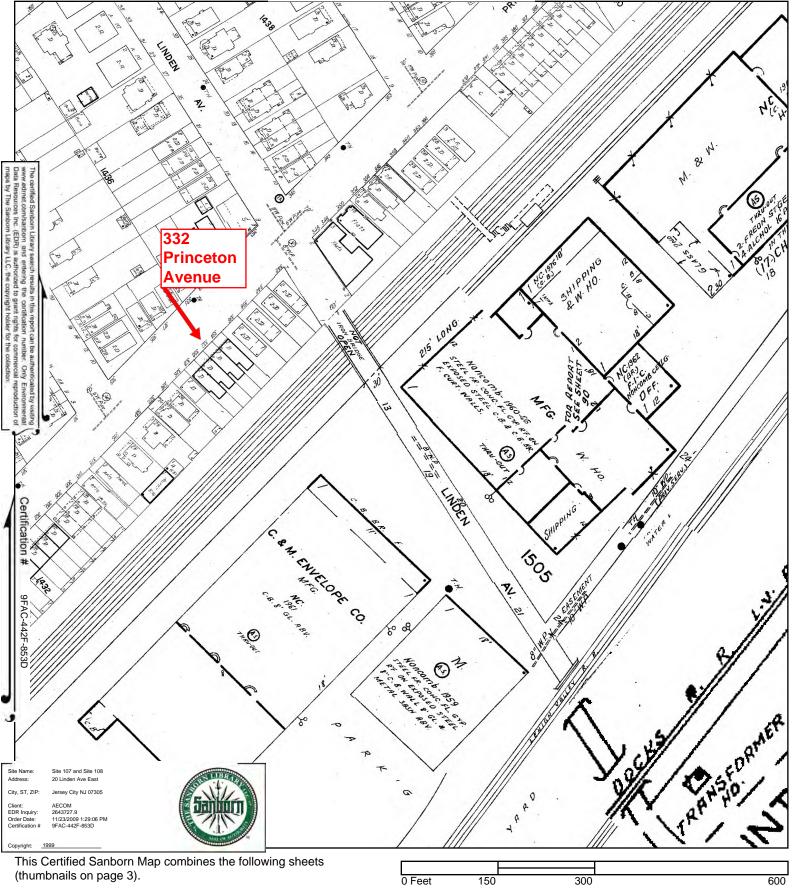




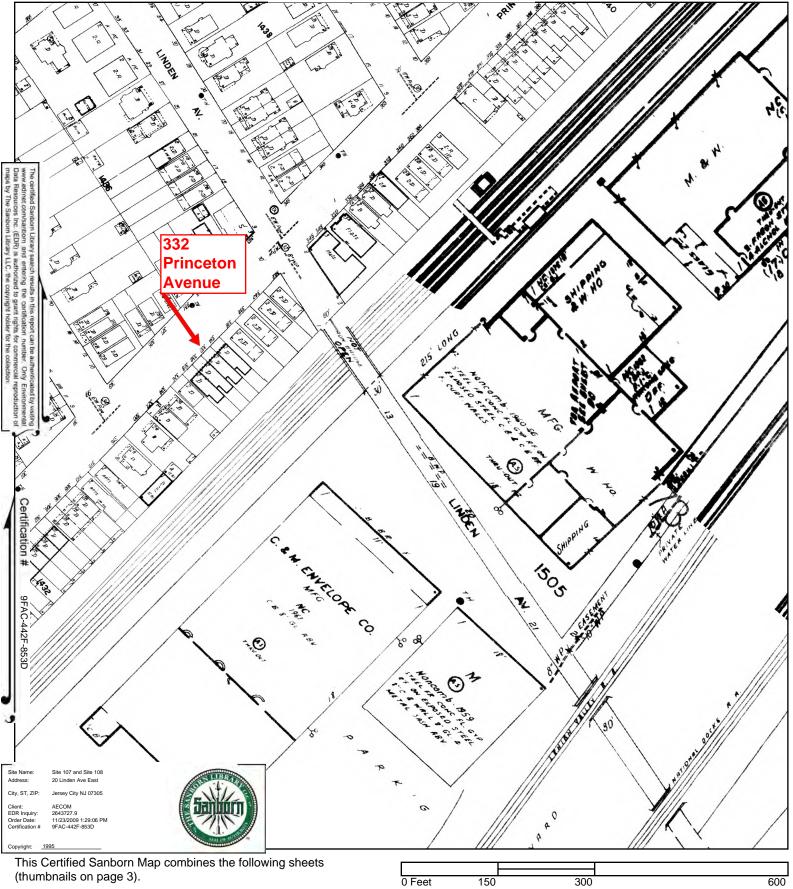






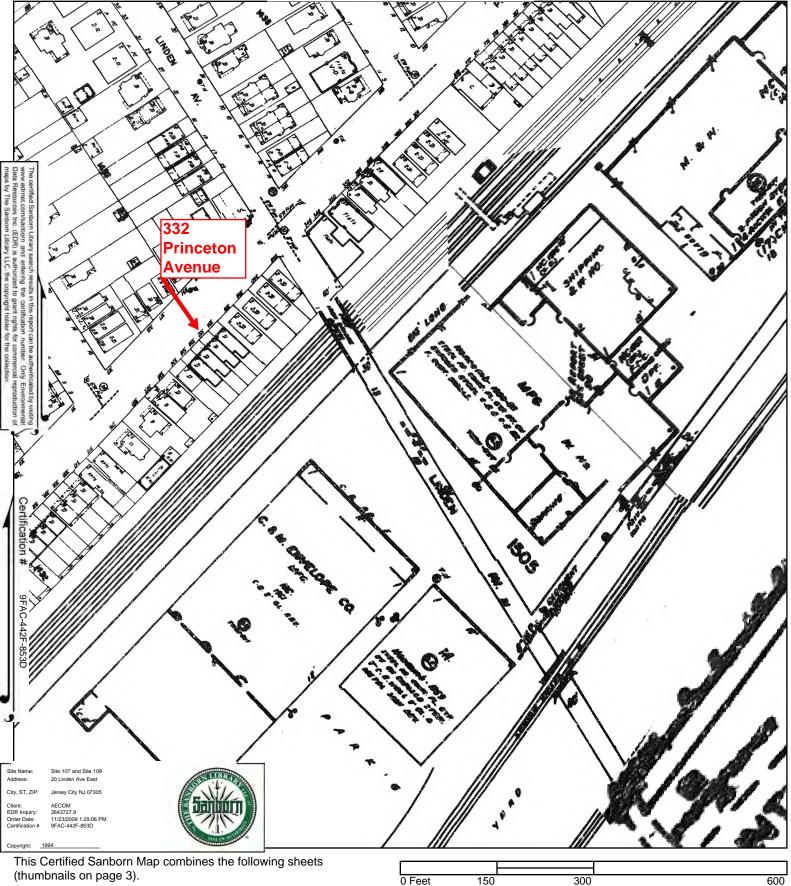








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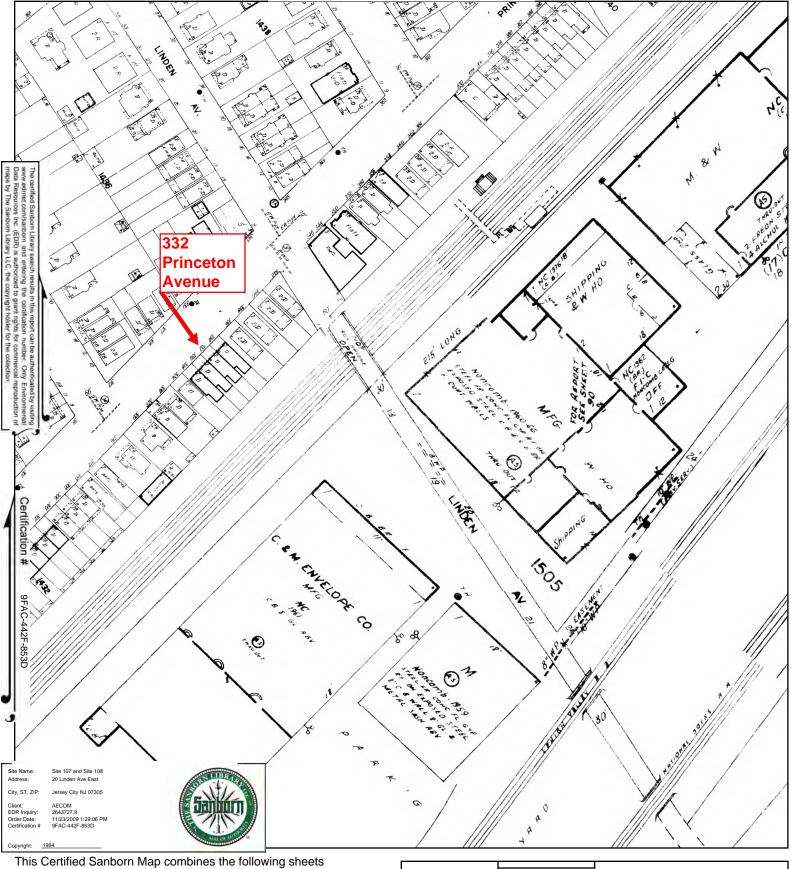


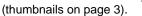


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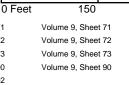




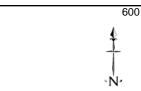


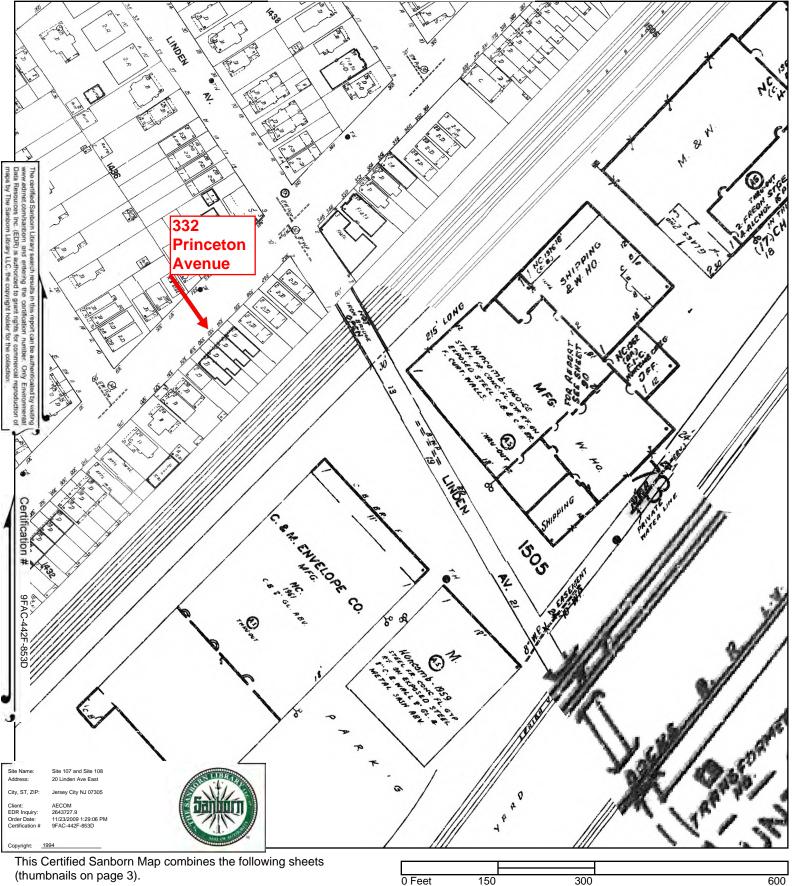


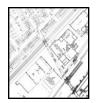
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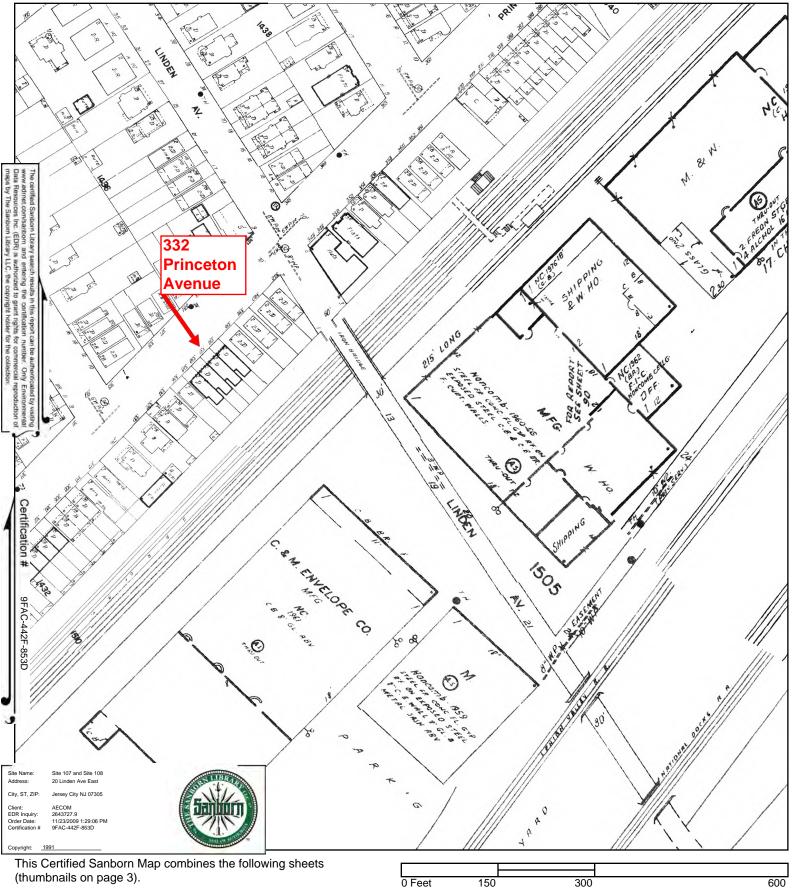




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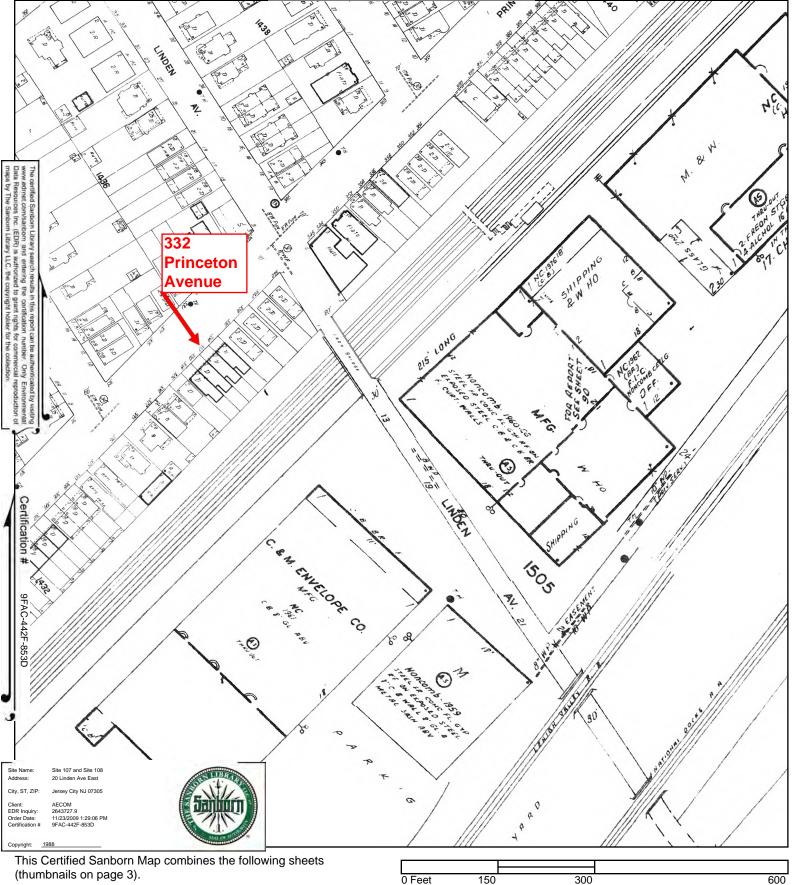






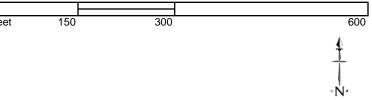


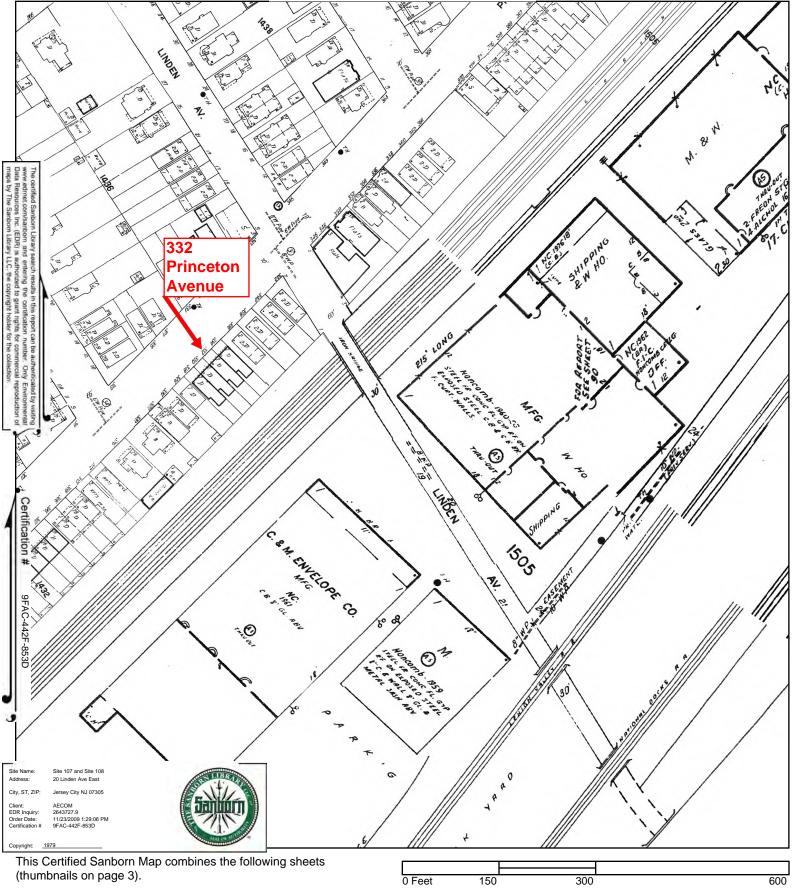
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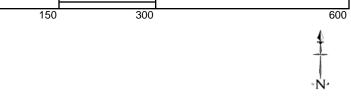
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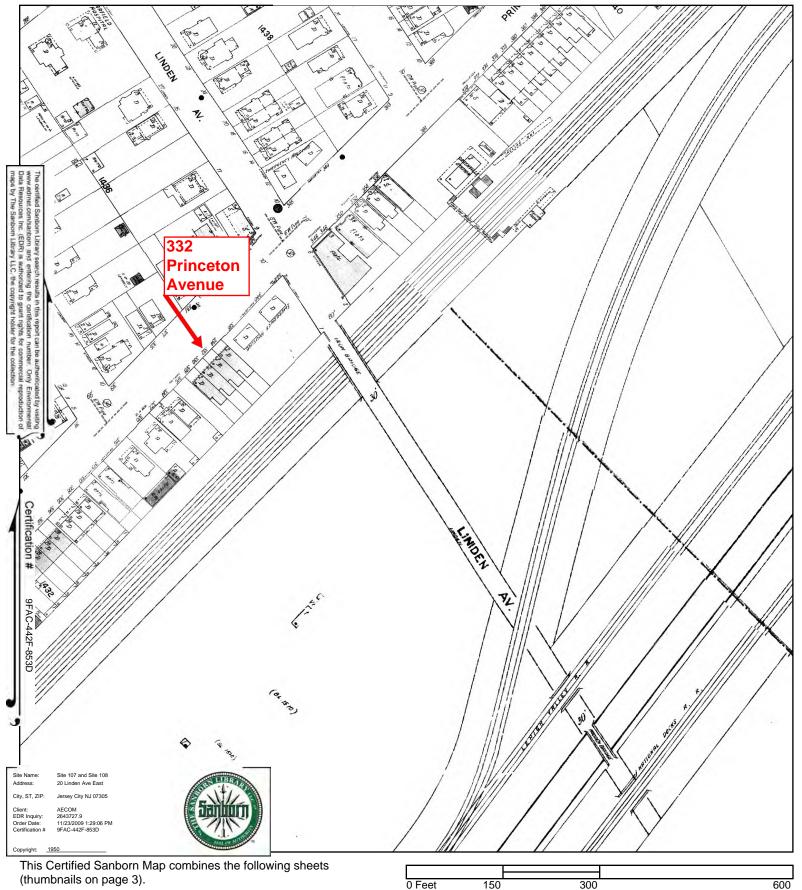






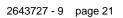
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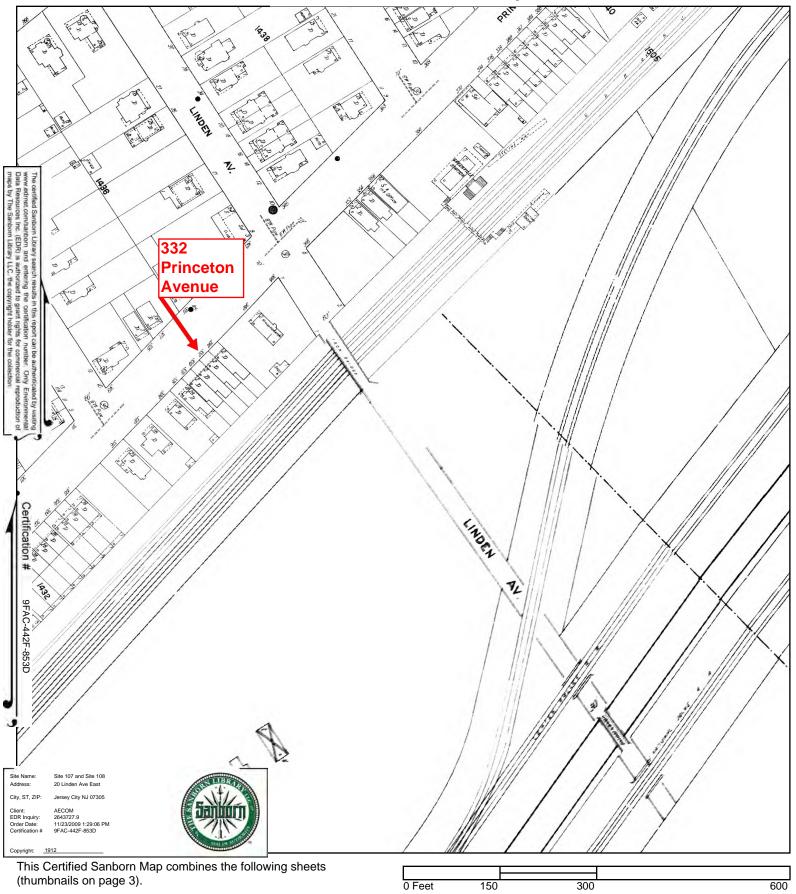




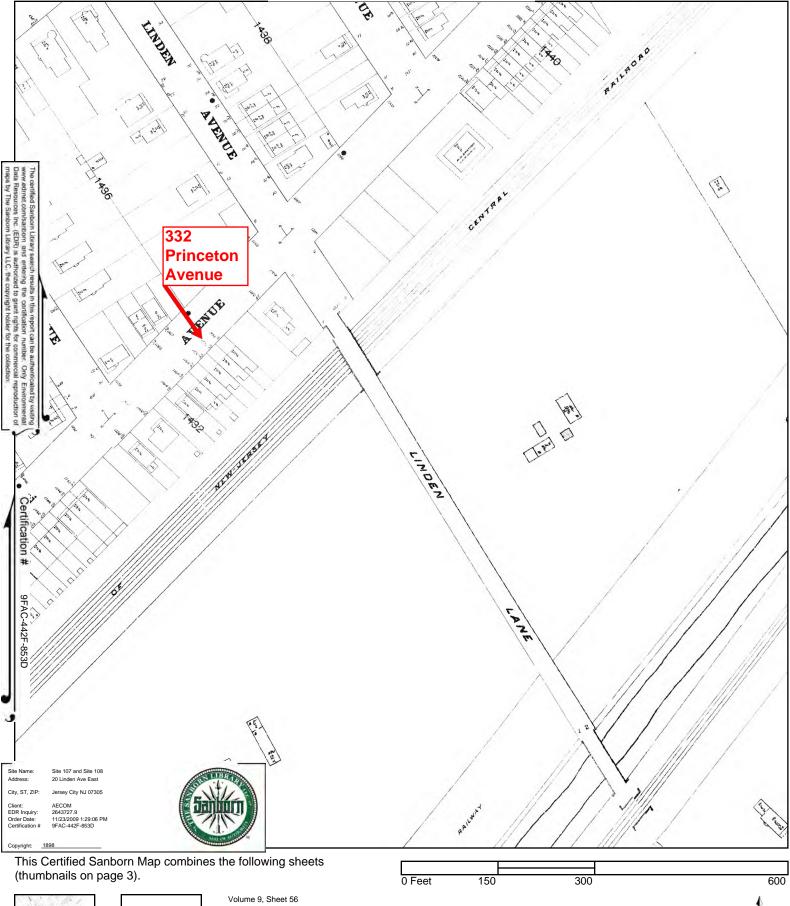


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Site 107 and Site 108

20 Linden Ave East Jersey City, NJ 07305

Inquiry Number: 2643727.11 November 23, 2009

The EDR Aerial Photo Decade Package



440 Wheelers Farms Road Milford, CT 06461 800.352.0050 www.edrnet.com

EDR Aerial Photo Decade Package

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Date EDR Searched Historical Sources:

Aerial Photography November 23, 2009

Target Property:

20 Linden Ave East Jersey City, NJ 07305

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1943	Aerial Photograph. Scale: 1"=500'	Panel #: 2440074-F1/Flight Date: December 22, 1943	EDR
1953	Aerial Photograph. Scale: 1"=750'	Panel #: 2440074-F1/Flight Date: December 05, 1953	EDR
1966	Aerial Photograph. Scale: 1"=750'	Panel #: 2440074-F1/Flight Date: June 21, 1966	EDR
1976	Aerial Photograph. Scale: 1"=1000'	Panel #: 2440074-F1/Flight Date: October 29, 1976	EDR
1985	Aerial Photograph. Scale: 1"=1000'	Panel #: 2440074-F1/Flight Date: March 16, 1985	EDR
1995	Aerial Photograph. Scale: 1"=750'	Panel #: 2440074-F1/Flight Date: March 29, 1995	EDR
2006	Aerial Photograph. 1" = 488'	Flight Year: 2006	EDR















Attachment C-1

Brief summary of all currently available data and information in reports previously submitted to the NJDEP

Attachment C-1 (Site 108)

Brief summary of all currently available data and information in reports previously submitted to the NJDEP.

<u>SOIL</u>

On March 13, 1990, the NJDOH notified the owner of Site 108 that soil sample results collected on October 31, 1989 reported CCPW-related contamination and NJDOH recommended IRMs to restrict access to the impacted areas (ICF, 1991). NJDEP directed PPG to implement the IRMs in a December 2, 1990 directive under the authority of the July 1990 ACO (ICF, 1991). PPG later determined that the 1989 NJDOH soil samples were actually collected on HCC Site 67, located southeast of the Site 108 property boundary, and were not collected on Site 108. Tapash Environmental Consultants (Tapash) reported minimal Chromate Chemical Production Waste ("CCPW")-related impacts on Site 108 based upon data from 31 soil borings inside the building and 5 groundwater monitoring wells. Tapash reported chromium at 139 parts per billion ("ppb") in a groundwater sample collected from temporary monitoring well SB-7 located in the southern portion of the Site 108 building (Tapash, 2007).

CCPW and CCPW-impacted materials were identified in the fill beneath the Site 107 building and may extend beyond the building footprint. Minimal CCPW-related contamination was reported on Site 108 during previous investigations (Tapash, 2007). However, the extent of CCPW-related impact has not been fully determined at either site.

In 2007, the Preliminary Assessment and Site Investigation, Case # ISRA E 200501022-35 for Albanil Dyestuffs International conducted by Tapash Environmental Consultants ("Tapash"), reported a range of total chromium ("Cr") concentrations of 7.20 parts per million ("ppm") to 62.30 ppm in 31 soil samples collected between 1.5 and 2.0 feet beneath the footprint of the building (Tapash, 2007). All concentrations of total Cr reported are below the SRS for Cr of 120,000 milligrams per kilogram ("mg/kg"). Tapash (2007) reported that there was no evidence of CCPW and CCPW-related material in the soil and/or fill below the Site 108 building and concentrations of total Cr reported by Tapash support this observation.

GROUNDWATER

BCM Engineers, Inc. ("BCM") conducted a preliminary site characterization of chromate Site 67 from May through November of 1997. Site 67 is an HCC orphan site located adjacent to the southeastern property boundaries of Sites 107/108 and the northern boundary of Site 107. Several soil borings were advanced northwest of the Site 67 property boundary on Site 107. Concentrations of antimony, vanadium, and hexavalent chromium exceeding the SRS and nickel exceeding the Impact to Groundwater Soil Screening Levels ("IGW SSL") were reported in several BCM borings located east and northeast of the Site 107 building. Seven groundwater monitoring wells were installed by BCM for the investigation of Site 67. One of these wells, monitoring well MW-5, was installed on Site 107 and the remaining 6 wells were installed on Site 67. None of the CCPW-related metals were reported in the BCM groundwater monitoring well located on Site 107. The reported groundwater flow direction was southeastward (BCM, 2001).

The extent of potential groundwater impacts is unknown on Site 107. One permanent groundwater monitoring well was installed on Site 107 during the investigation of neighboring Site 67. Data collected during the investigation of neighboring Site 67 reported that aluminum, lead, and manganese exceeded the NJDEP Ground Water Quality Standards ("GWQS").

A limited groundwater investigation reported that chromium was detected in the groundwater beneath Site 108 (Tapash, 2007). Five temporary groundwater monitoring wells were sampled on Site 108. The groundwater analytical results reported chromium was detected above the NJDEP GWQS in one

temporary monitoring well at a concentration of 139 micrograms per liter ("µg/l"). Four permanent groundwater monitoring wells are located on Site 108 but little information was available regarding these wells.

List of documents for Site 108

ICF Kaiser Engineers, Inc., 1991. "Draft Remedial Investigation Work Plan – Group 10 – Site 107 Fashionland and Site 108 – Albanil Dyestuff, prepared by ICF Kaiser Engineers, Inc., for PPG Industries, Inc.", September 1991.

IT Corporation, 1999. *"Interim Remedial Action Report – Site 107 – Fashionland Site,"* prepared by IT Corporation for PPG Industries, Inc., 1999. Killam Associates, 1988. *"Site Investigation Results for Ultramar Petroleum Inc: Referenced in ICF Kaiser Engineers, Inc, 1993 Draft Remedial Investigation Report, Group 4, Sites 016 and 112A for PPG Industries"*.

BCM Engineers, 2001. "Preliminary Site Characterization (PSC) Report with FSC Recommendations Site 67 Chapel Avenue Jersey City, New Jersey," April 20, 2001.

Tapash Environmental Consultants, 2007. "Preliminary Assessment and Site Investigation (PASI), Case # ISRA E 200501022-35 for Albanil Dyestuffs International located at 20 Linden Avenue East in Jersey City, Hudson County". 2007

AECOM, 2010. "Draft Remedial Investigation Work Plan, Non-Residential Chromate Chemical Production Waste Sites – Sites 107 & 108, Jersey City, New Jersey" September 2010

Attachment D-1

Results of Well Search

Well Search for

CASE NAME:	Hudson County Chromate 108
PROGRAM INTEREST (PI) ID # :	G000008729
SPREADSHEET SUBMISSION DATE:	7/22/2011

WELL_PERMIT_NUN	WELL_TYPE	LOCATION_ADDRESS	COUNTY	MUNICIPALITY	COMU	BLOCK	LOT	Х	Y	COORD_METHOD FINISH	ED_DEPTH OPEN	I_INTER STAT	IC_LEVEL STATUS
2600049931	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	677468	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
2600056260	industrial	757 OCEAN AVENUE	Hudson	Jersey City	0906	19.74	27	609819	684983	ATLAS GRID	855	850	100 Active
2600012777	domestic	FOOT OF CHAPEL AVENUE	Hudson	Jersey City	0906	1500	7	606312	677478	ATLAS GRID	22		Sealed
WSRM919299	industrial	PPG SITE 114	Hudson	Jersey City	0906			611270	683620	ATLAS GRID			
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

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New Jersey Department of Environmental Protection Division of Water Resources — Bureau of Water Allocation Q

WELL ABANDONMENT REPORT

MAIL TO	WELL PERMIT # 26-1211					
Bureau of Water Allocation	of well sealed					
<u>CN 029</u> <u>Trenton, NJ 08625</u>						
<u>Trenon, No. 00025</u>						
~	2623527					
PROPERTY OWNER PORT LIBERTE						
ADDRESS FOOT OF CHAPLE AVE	JERSEY CITY NJ.					
WELL LOCATION Foot OF CHAPLE A Street & No , Township, County	WE JERSEY CITY N.J.					
#1 Lot 7 BLOCK 1Soo						
Well No , Lot & Block No , Longitude & Latitude						
REASON FOR ABANDONMENT NO LONGER NEE	DED - CITY WATER PROVIDED					
TOTAL DEPTH OF WELL22'DIAMETER4"CASING LENGTH2'SCREEN LENGTH20'	BAY <u>SKETCH</u> EXISTING CONCRETE PUER					
Image: Material of the second system Image: Second system Image: Image	300 					
FORMATION Consolidated						
	74. 04					
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						
KV GREGORY	1296					
Name of Person Doing Sealing Work/Employer	License #					
Dula di Proven	FOOT OF JERSEY AVE J.C N.J					
Signature of Person Doing Sealing Work	Address					
COPIES White & Yellow - Water Allocation	Pink - Health Dept Goldenrod - Driller					
	Nu (C					