

# **New Jersey Department of Environmental Protection** Site Remediation and Waste Management Program

#### RECEPTOR EVALUATION (RE) FORM

**Date Stamp** (For Department use only)

(1 of Department use only)	
SECTION A. SITE	
Site Name: Hudson County Chromate - Halladay Street South	
Program Interest (PI) Number(s): G000005480	
Communication Center Number(s) and/or ISRA number(s) for this submission: (as many as will fit in the space provided)	
N/A	
This form must be attached to the Cover/Certification Form if not submitted through a Remedial Phase Online Service	
ndicate the type of submission:	
☐ Initial RE Submission	
<ul> <li>☑ 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;     </li> <li>Check if included in updated RE</li> <li>☐ The known concentration or extent of contamination in any medium has increased;</li> <li>☐ A new AOC has been identified;</li> <li>☐ A new receptor is identified;</li> </ul>	
☐ A new receptor is identified, ☐ A new exposure pathway has been identified.	
SECTION B. ON SITE AND SURROUNDING PROPERTY USE	
. Identify any sensitive populations/uses that are currently on-site or surrounding property usage within 200 feet of the site property boundary (check all that apply): See Attachment 1	
None of the following	
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.	
2. Current site uses (check all that apply):  ☐ Industrial ☐ Residential ☐ Commercial ☐ School or child care ☐ Government ☐ Park or recreational use ☐ Vacant ☐ Agricultural ☐ Other:	_
3. Planned future on-site uses and off-site uses within 200 feet of the site boundary (check all that apply):	
On-Site Off-Site On-Site Off-Site On-Site Off-Site  ☐ Industrial ☐ Residential ☐ Commercial ☐ School or child care ☐ Government ☐ Park or recreational use ☐ Vacant ☐ Agricultural ☐ Other: Canal Crossing ☐ Provide a map depicting the location of the proposed changes in land use.	-
· · · · · · · · · · · · · · · · · · ·	

SE	ECTION C. DESCRIPTION OF CONTAMINATION	
1.	Identify if any of the following exist at the site:	
	Yes No ☐ ☑ 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 primary source materials not identified above (e.g., buried drums, containers, unsecured friable asbestos). See form instructions for additional information.	
	Explain: Source material in AOC HSS-1A & HSS-A2 has been remediated. Source material in AOC	
	* LNAPL – measured thickness of .01 feet or more HSS-1B remains in place and will be remediated in the future.	
	**DNAPL – See Ground Water Technical Guidance and USEPA Assessment and Delineation of DNAPL Source Zones at Hazardous Waste Sites (attached as Appendix A of the NJDEP GW Guidance) available at: <a href="http://www.nj.gov/dep/srp/guidance/#pa_si_ri_gw">http://www.nj.gov/dep/srp/guidance/#pa_si_ri_gw</a> . Also, see US EPA DNAPL Overview available at: <a e.<="" href="http://cluin.org/contaminantfocus/default.focus/sec/Dense_Nonaqueous_Phase_Liquids_(DNAPLS)/cat/Overlines-the-public default.focus/sec/Dense_Nonaqueous_Phase_Liquids_(DNAPLS)/cat/Overlines-the-public default.focus/sec/Dense_Nonaqueous_Phase_Dense_Nonaqueous_Phase_Dense&lt;/td&gt;&lt;td&gt;_&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;2.&lt;/td&gt;&lt;td&gt;Soil Migration Pathway&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;Has soil contamination been delineated to the applicable Direct Contact Soil Remediation Standard pursuant to N.J.A.C. 7:26E-4.2?&lt;/td&gt;&lt;td&gt;☐ No&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;Are all soils either below the applicable Direct Contact Criteria or under an institutional control (i.e. deed notice)?&lt;/td&gt;&lt;td&gt;⊠ No&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;3.&lt;/td&gt;&lt;td&gt;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 sinvestigation or remedial investigation report.&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;SE&lt;/td&gt;&lt;td&gt;ECTION D. GROUND WATER USE&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;Have all potentially contaminated areas of concern been evaluated to determine if there is a potential that ground water is contaminated pursuant to N.J.A.C. 7:26E-3.5?&lt;/td&gt;&lt;td&gt;□No&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;If " no,"="" proceed="" section="" td="" to=""><td></td></a>	
2		□No
	If " <b>No</b> ," proceed to Section E.	
3	Has a groundwater investigation been conducted?	☐ No
·.	If "Yes":	□ No
	If the laboratory data package has not been received, provide the expected due	
	date for data: and proceed to Section E.  If "No":	
	Proceed to Section E.	
4.	Is ground water contaminated above the Ground Water Remediation Standards [N.J.A.C.7:9C]?⊠ Yes	□ No
	If "Yes": Provide the date that the laboratory data package was available and confirmed contamination was identified above the Ground Water Remediation Standards.  Date: 05/15/2007	
	If "No": Proceed to Section E.	
5.	Has ground water contamination been delineated to the applicable Remediation Standard pursuant to N.J.A.C 7:26E-4.3? Yes	⊠ No
6.	What is the ground water classification for this site as per N.J.A.C. 7:9C? (check all that apply)  Class I-A  Class I-PL Pinelands Protection Area  Class I-PL Pinelands Preservation Area  Class III-A  Class III-B	

7.	Has a well search been completed?⊻ Yes	☐ No
	Date of most recent or updated well search: 01/03/2019 See Attachment 2	
8.	Is a completed Well Search Spreadsheet or historical well search table attached and has an electronic copy of the spreadsheet been submitted to <a href="mailto:srpgis_wrs@dep.nj.gov">srpgis_wrs@dep.nj.gov</a>	⊠ No
	Note: Redacted wells must be excluded from all non-confidential documents including maps, tables, etc. (see RE Instructions).	
	If "No," explain: Case is under direct oversight. RE and attachments are going to NJDEP case manager.	
9.	Are any potable or irrigation wells located within ½ mile of the currently known extent of contamination?	⊠ No
	If "Yes,":	
	<ul> <li>A door to door survey is required in accordance with [N.J.A.C.7:26E-1.14(a)ii].</li> <li>Attach results of the door to door survey.</li> </ul>	
	<ul> <li>Identify if any of the following conditions exist based on the well search and door to door survey [N.J.A.C.7:26E-1.14(a)]:</li> </ul>	
	Yes No  □ Potable wells located within 500 feet from the downgradient edge of the currently known extent of contamination.  □ Potable wells located 250 feet upgradient or 500 feet side gradient of the currently known extent of contamination.  □ Ground water contamination from the discharge is located within a Tier 1 wellhead protection area (WHPA).	
10.	Has sampling been conducted of ☐ potable well(s) and /or ☐ non-potable use well(s)? Yes	☐ No
	If "No," provide justification then proceed to Question 12.	
11.	Has contamination been identified in potable well(s), <b>not attributed to background conditions</b> , above the Class II Ground Water Remediation Standards or State Safe Drinking Water levels, N.J.A.C 7:1E, whichever is applicable?	□ No
	If "Yes":	
	Provide the date laboratory data package was received:	
	<ul> <li>Follow the IEC Guidance Document at <a href="http://www.nj.gov/dep/srp/guidance/IEC/index.html">http://www.nj.gov/dep/srp/guidance/IEC/index.html</a></li> <li>for required actions and answer the following:</li> </ul>	
	• Has an engineered system response action been completed on all impacted receptors? Yes Provide a brief narrative description:	□No
40	Date completed: NJDEP Case Manager:	
12.	Has contamination been identified in non-potable well(s), <b>not attributed to background conditions</b> , above the Class II Ground Water Remediation Standards?	⊠ No
	If " <b>Yes</b> ," provide the date laboratory data package was received:	
13.	Has the ground water use evaluation been completed pursuant to N.J.A.C. 7:26E-1.14?   ✓ Yes	☐ No

SE	CTION	E. \	VAPOR INTRUSION (VI) See Note 1	
1.	"Yes",	prov	any of the following conditions exist that trigger a Vapor Intrusion investigation. For each condition chec vide the date the condition was first identified (e.g. date laboratory data package was available). EP Vapor Intrusion Technical Guidance)	cked
	<u>Yes</u>		<u>Date Condition First Ide</u>	<u>ntified</u>
	Ш		Ground water contamination in excess of the NJDEP Vapor Intrusion Ground Water Screening Levels (VIGWSL) and within 30 feet of a building for Petroleum Hydrocarbon Compounds (PHC) or 100 feet for non-PHC compounds	
			Free product within 30 feet of a building for PHC or 100 feet for non-PHC compounds	
			Soil gas contamination detected at concentrations that exceed the Soil Gas Screening Levels (SGSL)	
			Indoor air contamination that exceeds the Indoor Air Screening Levels	
			Wet basement or sump containing free product or ground water containing detectable concentration of volatile organic contaminants	
			Methane generating conditions causing oxygen deficient or explosion concern	
			Other human or safety concern from the VI pathway (i.e. elemental mercury, unsaturated soil contamination), explain below:	
			d "No" to <u>all</u> boxes in Question 1., proceed to Section F, "Ecological Receptors", otherwise com s section.	plete
2.	Has g Water	roun Scre	d water contamination been delineated to the applicable Vapor Intrusion Ground eening Levels pursuant to N.J.A.C 7:26E-4.3? Yes	□ No
3.			-specific screening level, modeling or other alternative approach employed pathway?	☐ No
4.	groun	d wa	d locate, on a scaled map, any buildings/sensitive populations that exist within the following distances fi ter contaminant concentrations above the Vapor Intrusion Ground Water Screening Levels or other spe ted in Question 1 above.:	
	Yes			
			30 feet of petroleum free product or dissolved petroleum hydrocarbon contamination in ground water 100 feet of any non-petroleum free product (e.g. chlorinated hydrocarbons) or any non-petroleum dissolvolatile organic ground water contamination	ved
			Other specific triggers	
			No buildings exist within the specified distances or other specific triggers	
5.	Is the	vapo	or intrusion pathway a concern at or adjacent to the site? (if "No," attach justification)	☐ No
6.	Has s	oil ga	as sampling of the building(s) been conducted? Yes	☐ No
	If "Y	es,"	has the laboratory data package been received? Yes	☐ No
	I	f the	data package was received, did constituents exceed the Soil Gas Screening Levels?	☐ No
	If "N	lo," a	attach technical justification consistent with the NJDEP Vapor Intrusion Technical Guidance.	
7.	Has ir	ndoo	r air sampling been conducted at the identified building(s)?	☐ No
	If "Y	es,"	has the laboratory data package been received?	☐ No
	I	f the	data package has been received, did constituents exceed the Indoor Air Screening Levels?  Yes	☐ No
	If "N	<b>lo</b> ," (	or awaiting indoor air laboratory data package, proceed to Question 12.	

8	Has indoor air contamination been identified but not suspected to be from a discharge?  (if "Yes," attach justification) ☐ Yes	☐ No
9.	Were indoor air results above the NJDEP's Rapid Action Levels?	☐ No
	Provide the date laboratory data package was received:	
	<ul> <li>Follow the IEC Guidance Document at <a href="http://www.nj.gov/dep/srp/guidance/index.html#iec">http://www.nj.gov/dep/srp/guidance/index.html#iec</a> for require actions and answer the following:</li> </ul>	d
	Was the IEC engineering system response for control implemented for all impacted structures?	□No
	Date implemented: NJDEP Case Manager:	
10.	Were the results of indoor air sampling above the NJDEP's Indoor Air Screening  Levels but at, or below, the Rapid Action Levels	☐ No
	If "Yes," answer the following:	
	Provide the date laboratory data package was received:	
	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?	☐ No
	Date:	
	Has the Mitigation Response Action Report been submitted?	∐ No
11	Date:  Do one or more buildings have an Indeterminate VI Pathway status?	☐ No
	If "Yes," attach a list of the building(s) with address(s) and block/lot(s)	
12.	Has the vapor intrusion investigation been completed?	☐ No
	If " <b>No</b> ", 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	
	Has an Ecological Evaluation (EE) been conducted? [N.J.A.C. 7:26E-1.16]	☐ No
2.	Are any site-related contaminants above any Ecological Screening Criteria?	⊠ No
3.	Are there any Environmentally Sensitive Natural Resources (ESNRs) on or adjacent to the site, or potentially impacted by site related contamination? [N.J.A.C. 7:26E-1.16]	— ⊠ No
4.	Do any potential or complete migration pathways exist between Contaminant of Potential Ecological Concern (COPECs) and ESNRs, or did historic migration pathways exist?	⊠ No
If Y	ou answered "No" to Questions 2, 3, or 4, above <u>Stop Here</u> (form is complete).	
5.	If site-related free or residual product is/was present, does/did a potential or complete migration pathway exist to an ESNR?	☐ No
6.	Do the results of an EE trigger a remedial investigation of ecological receptors? [N.J.A.C. 7:26E-4.8] Yes	□No
	If "Yes", has a remedial investigation of ecological receptors been conducted?	_ □ No
	Date conducted:	

7.		ailable data indicate an impact (COPEC NRs) to Ecological Receptor(s), Surface				🗌 Yes	□No
	If "Y	es,"					
	a)	Check all ESNRs or media that apply:					
		☐ Surface water ☐ Sediment	☐ Soil ☐ V	Vetlands			
	b)	If this information is not submitted with summary information, attach a brief su of all actions to be taken to mitigate ex	mmary of all curre				
8.	Have	COPECs been fully delineated to the Ec	cological Screenin	g Criteria [N.J.A.C. 7	:26E-4.8(a)] in:		
	a)	Migration pathways				Yes	☐ No
	b)	ESNR				Yes	☐ No
9.	Has a	n Ecological Risk Assessment been cor	nducted?			Yes	☐ No
10.				surface water body,			
		Surface Water Body Name	Stream Classification	Antidegradation Designation	Trout Production	Trout Maintenand	ce
11.	by the	Division of Land Use Regulation? (e.g. d areas, coastal areas, tidelands, etc.)	wetlands, transiti	on areas, flood		Yes	□No
	lf	"Yes,":					
		, ,,,,					
		Provide the Land Use Regulation Prog	ram (LURP) PI or	Permit number(s) fo	r the site:		
12						Yes	□No
13.	b) ESNR						

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

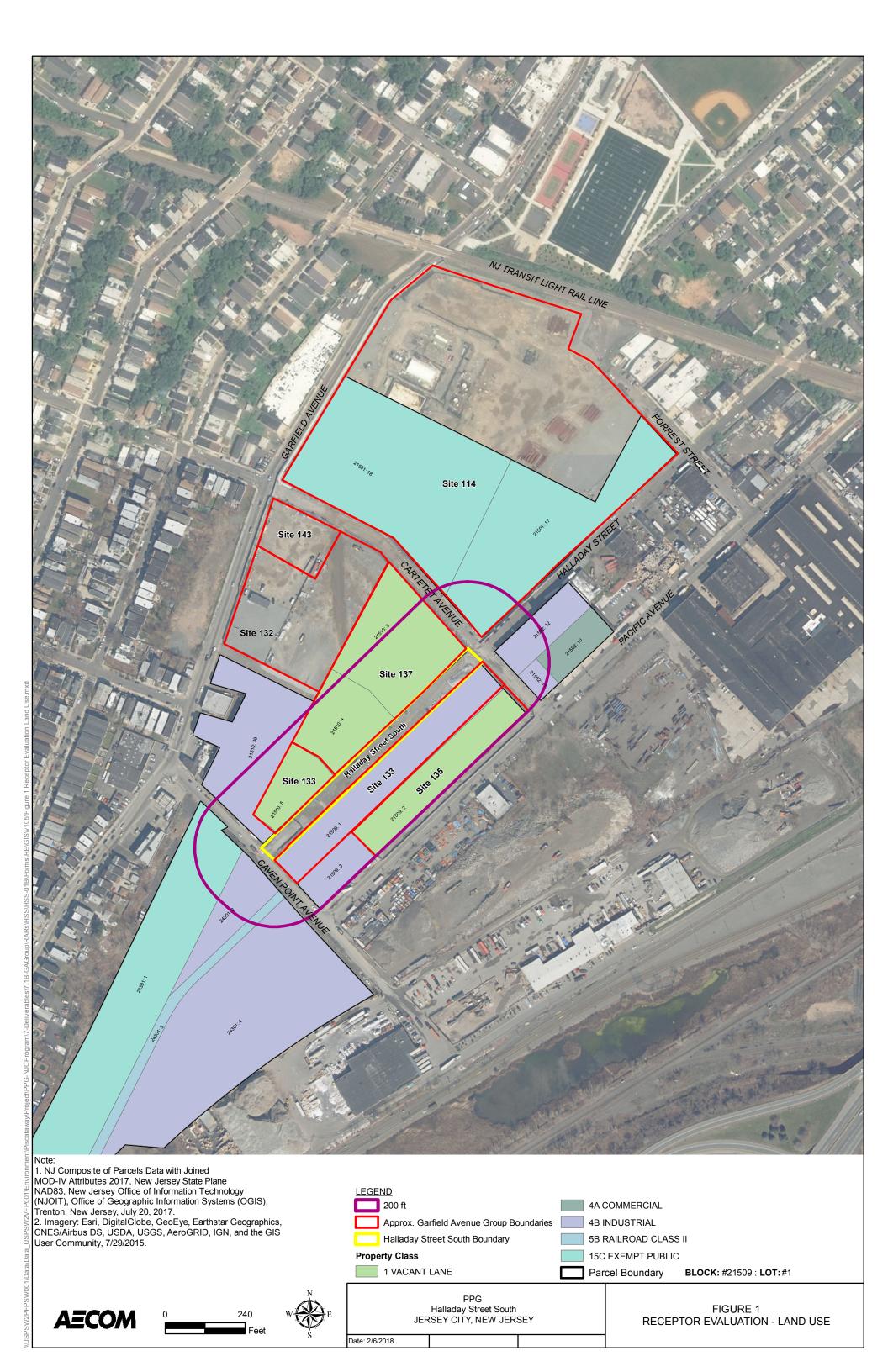
Bureau of Case Assignment & Initial Notice Site Remediation Program NJ Department of Environmental Protection 401-05H PO Box 420 Trenton, NJ 08625-0420

## **Attachment 1- Property Search**

#### Attachment 1 Properties Within 200 feet of Halladay Street South

Sensitive F	Receptors W	Vithin 200 Feet					_	
BLOCK	LOT	PROPERTY CLASS	PROPERTY LOCATION	PROPERTY CITY, STATE	OWNER	STREET	OWNER CITY, STATE	OWNER ZIP
No Proper	ties Found							
Other Pro	perties							
1	1	VACANT LOT (1)	15 HALLADAY ST.	JERESY CITY, NJ	PPG INDUSTRIES, INC.%TAX ADMIN.DEPT	ONE PPG PLACE	PITTSBURGH, PA	15272
2	1	VACANT LOT (1)	51-99 PACIFIC AVENUE	JERESY CITY, NJ	PPG INDUSTRIES, INC.	ONE PPG PLACE	PITTSBURGH, PA	15272
3	1	VACANT LOT (1)	25 HALLADAY ST.	JERESY CITY, NJ	PPG INDUSTRIES, INC.%TAX ADMIN.DEPT	ONE PPG PLACE	PITTSBURGH, PA	15272
9	1	VACANT LOT (1)	45 HALLADAY ST.	JERESY CITY, NJ	PPG INDUSTRIES, INC.%TAX ADMIN.DEPT	ONE PPG PLACE	PITTSBURGH, PA	15272
10	15C	EXEMPT PUBLIC (15C)	70 CARTERET AVE.	JERESY CITY, NJ	JERSEY CITY REDEVELOPMENT AGENCY	30 MONTGOMERY ST.	JERSEY CITY, NJ	07302
11	15C	EXEMPT PUBLIC (15C)	880 GARFIELD AVE.	JERESY CITY, NJ	JERSEY CITY REDEVELOPMENT AGENCY	30 MONTGOMERY ST.	JERSEY CITY, NJ	07302
15	15C	EXEMPT PUBLIC (15C)	20 COMMERCIAL ST.	JERESY CITY, NJ	CITY OF JERSEY CITY	280 GROVE ST.	JERSEY CITY, N.J.	07302
7	4A	COMMERCIAL (4A)	107 PACIFIC AVE.	JERESY CITY, NJ	107-123 & 127 PACIFIC AVE.ASSOC,LLC	120 NORTH MAIN ST.#4TH FL	NEW YORK, N.Y.	10956
0	4B	INDUSTRIAL (4B)	33 PACIFIC AVE.	JERESY CITY, NJ	NJEDA,C/O A.SMITH MOVING & FURN	33 PACIFIC AVE.	JERSEY CITY, N.J.	07304
4	4B	INDUSTRIAL (4B)	22 HALLADAY ST.	JERESY CITY, NJ	PPG INDUSTRIES, INC.	ONE PPG PLACE	PITTSBURGH, PA	15272
5	4B	INDUSTRIAL (4B)	105-101 PACIFIC AVE.	JERESY CITY, NJ	ONEOONE PACIFIC AVE, LLC	105-101 PACIFIC AVENUE	JERSEY CITY NJ	07304
6	4B	INDUSTRIAL (4B)	800 GARFIELD AVE.	JERESY CITY, NJ	PPG INDUSTRIES, INC.	10 W.33RD.STSTE.216	NEW YORK CITY, N.Y.	10001
8	4B	INDUSTRIAL (4B)	78 HALLADAY ST.	JERESY CITY, NJ	PPG INDUSTRIES, INC.	ONE PPG PLACE	PITTSBURGH, PA	15272
12	4B	INDUSTRIAL (4B)	21 CAVEN POINT AVE.	JERESY CITY, NJ	NEWARK INDUST.ASSOC.C/O C.DANIELS	501 SEVENTH AVE #400	NEW YORK, NY	10018
14	4B	INDUSTRIAL (4B)	55 CAVEN POINT AVE.	JERESY CITY, NJ	SUDYLO, ANDREW & JULIA	534 RIDGE ROAD	PHILLIPSBURG, N.J.	08865
13	5B	RAILROAD CLASS II (5B)	CAVEN POINT AVE.	JERESY CITY, NJ	CONSOLIDATED RAIL	P. O. BOX 8499	PHILADELPHIA, PA	19101

<sup>1.</sup> Parcel information obtained from NJ Composite of Parcels Data with Joined MOD-IV Attributes 2017, New Jersey State Plane NAD83, New Jersey Office of Information Technology (NJOIT), Office of Geographic Information Systems (OGIS), Trenton, New Jersey, July 20, 2017.



### **Attachment 2- Well Search**

## Attachment 2 Well Search Halladay Street South

	Hudson County Chromate Halladay Street
SITE NAME	South
	Halladay Street, between Caven Point Ave and
SITE STREET ADDRESS	Carteret Ave
SITE COUNTY (select)	Hudson
SITE MUNICIPALITY (select)	Jersey City
PROGRAM INTEREST (PI) ID # :	G000005480
SOURCE COORDINATE X	610999
SOURCE COORDINATE Y	682505
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, Piscataway, NJ, 08854
LSRP LICENSE NUMBER OVERSEEING WORK	
LSRP NAME OVERSEEING WORK	
PROFESSIONAL WHO PREPARED SUBMISSION	Abigail Small
EMAIL CONTACT	abigail.small@aecom.com
PHONE CONTACT	732-564-3960

## Attachment 2 Well Search Halladay Street South

Download_Document	Permit_Number	Well_Use	Potentially_Potable	Document	Date (permitted/drilled/sealed)	Physical_Address	County	Municipality	Block	Lot	Location_Method	Easting_X	Northing_Y
	E201605261	Irrigation	Yes	Permit	5/4/2016	100 Caven Point Road	Hudson	Jersey City	27401	16	Digital Image	609444	678650
	E201605261	Irrigation	Yes	Record	6/3/2016	100 Caven Point Road	Hudson	Jersey City	27401	16	GPS	609444	678650
	E201503280	Industrial	Yes	Record	5/13/2015	Martin Luther King Jr. Drive	Hudson	Jersey City	21201	17	GPS	609575	684261
	E201503280	Industrial	Yes	Permit	4/9/2015	Martin Luther King Jr. Drive	Hudson	Jersey City	21201	17	GPS	609575	684261
	2600001335	Industrial	Yes	Permit	12/16/1955		Hudson	Jersey City			Prop Loc - Hard Copy	609825	683567
	2600001335	Industrial	Yes	Record	4/18/1956	GRAND STREET	Hudson	Jersey City			Prop Loc - Dig Image	614920	686324
	2600004392	Industrial	Yes	Permit	4/23/1971		Hudson	Jersey City			Prop Loc - Hard Copy	613468	678828
	2600004392	Industrial	Yes	Record	4/27/1971	MORRISPESIN	Hudson	Jersey City			Prop Loc - Hard Copy	613468	678828
	2600049931	Industrial	Yes	Permit	2/3/1998	758 GARFIELD AVE.	Hudson	Jersey City	1487	11A,11 B	Prop Loc - Hard Copy	610374	681545
	2600056260	Industrial	Yes	Permit	12/23/1999	757 OCEAN AVE.	Hudson	Jersey City	19.74	27	Prop Loc - Hard Copy	609277	685588
	2600056260	Industrial	Yes	Record	5/4/2000	757 OCEAN AVE.	Hudson	Jersey City	19.74	27	Prop Loc - Hard Copy	609277	685588

## Attachment 2 Well Search Halladay Street South

Download_Document	Permit_Number	Distance_(feet)	Depth (feet)	Capacity (gal/min)	COORD_METHO	D TOP_OPEN_IN	IT B	OT_OPEN_INT	STATIC_LEVEL	STATUS	WELL_S	AMPLED?
	E201605261	4,394.16	300	65								
	E201605261	4,394.16	300									
	E201503280	1,829.93	450	40								
	E201503280	1,829.93	300	10								
	2600001335		200	250								
	2600001335	5,436.27	335	0								
	2600004392		150	40								
	2600004392		180	0								
	2600049931		300	65								
	2600056260		500	50				•				
	2600056260		855									