

New Jersey Department of Environmental ProtectionSite Remediation and Waste Management Program

RECEPTOR EVALUATION (RE) FORM

Date Stamp

SE	ECTION C. DESCRIPTION OF CONTAMINATION	
1.	Identify if any of the following exist at the site:	
	Yes No ☐ X 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 ASM-1 has been remediated	
	* LNAPL – measured thickness of .01 feet or more	
	**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: http://www.nj.gov/dep/srp/guidance/#pa_si_ri_gw_Also, see US EPA DNAPL Overview available at: http://cluin.org/contaminantfocus/default.focus/sec/Dense Nonaqueous Phase Liquids (DNAPLS)/cat/Overview available at:	
2.	Soil Migration Pathway	
	Has soil contamination been delineated to the applicable Direct Contact Soil Remediation Standard pursuant to N.J.A.C. 7:26E-4.2?	□No
	Are all soils either below the applicable Direct Contact Criteria or under an institutional control (i.e. deed notice)?	□No
3.	If this evaluation is submitted with a technical document that includes contaminant summary information, proceed Section D. Otherwise, attach a brief summary of all currently available data and information to be included in the investigation or remedial investigation report.	
SE	ECTION D. GROUND WATER USE	
	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?	□No
	If "No," proceed to Section E.	
2.	Is a ground water investigation required? X Yes	□No
	If "No," proceed to Section E.	
3.	Has a groundwater investigation been conducted?	□No
	If " Yes ": Has the laboratory data package been received?⊠ 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: 02/26/2014	
	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?	⊠ 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 III-A Class III-B	

7.	Has a well search been completed?	□No
	Date of most recent or updated well search: 03/20/2019 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 srpgis_wrs@dep.nj.gov	⊠ 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,":	
	 A door to door survey is required in accordance with [N.J.A.C.7:26E-1.14(a)ii]. Attach results of the door to door survey. 	
	 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)]: 	
	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), not attributed to background conditions , above the Class II Ground Water Remediation Standards or State Safe Drinking Water levels, N.J.A.C 7:1E, whichever is applicable? Yes	□No
	If "Yes":	
	Provide the date laboratory data package was received:	
	 Follow the IEC Guidance Document at http://www.nj.gov/dep/srp/guidance/IEC/index.html for required actions and answer the following: 	
	 Has an engineered system response action been completed on all impacted receptors? Yes Provide a brief narrative description: 	☐ No
	Date completed: NJDEP Case Manager:	
12.	Has contamination been identified in non-potable well(s), not attributed to background conditions , above the Class II Ground Water Remediation Standards?	⊠ No
	If "Yes," 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 checvide the date the condition was first identified (e.g. date laboratory data package was available). EP Vapor Intrusion Technical Guidance)	ked
	Yes	<u>No</u> .		<u>rtified</u>
			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:	
	rest o	of thi roun	d "No" to all boxes in Question 1., proceed to Section F, "Ecological Receptors", otherwise comps section. d water contamination been delineated to the applicable Vapor Intrusion Ground seening Levels pursuant to N.J.A.C 7:26E-4.3?	olete
3.	Was a for the	a site e VI p	-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 from the contaminant concentrations above the Vapor Intrusion Ground Water Screening Levels or other specified 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	/ed
			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
	lf "Y	es,"	has the laboratory data package been received?	☐ No
	I	f the	data package was received, did constituents exceed the Soil Gas Screening Levels?	☐ No
	lf "N	lo," a	attach technical justification consistent with the NJDEP Vapor Intrusion Technical Guidance.	
7.			<u> </u>	□No
				 □ No
				☐ No
	lf "N	lo," (or awaiting indoor air laboratory data package, proceed to Question 12.	

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8	Has indoor air contamination been identified but not suspected to be from a discharge? (if "Yes," attach justification)		□No
9.	Were indoor air results above the NJDEP's Rapid Action Levels? If "Yes":	🗌 Yes	☐ No
	Provide the date laboratory data package was received:		
	 Follow the IEC Guidance Document at http://www.nj.gov/dep/srp/guidance/index.html#iec actions and answer the following: 	for required	d
	Was the IEC engineering system response for control implemented for all impacted structures?	🗌 Yes	□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	🗌 Yes	□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?	L Yes	∐ No
	Date:		
	Has the Mitigation Response Action Report been submitted?	L Yes	☐ No
11	Date: Do one or more buildings have an Indeterminate VI Pathway status?	∏ Vas	□No
	If " Yes ," attach a list of the building(s) with address(s) and block/lot(s)	🗀 103	□ 140
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		
	Has an Ecological Evaluation (EE) been conducted? [N.J.A.C. 7:26E-1.16]	X Yes	□No
2.	Are any site-related contaminants above any Ecological Screening Criteria?	□Yes	⊠ 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.			— ⊠ No
lf 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?	Yes	☐ No
6.	Do the results of an EE trigger a remedial investigation of ecological receptors? [N.J.A.C. 7:26E-4.8]		☐ No
	If "Yes", has a remedial investigation of ecological receptors been conducted?	🗌 Yes	☐ No
	Date conducted:		

7.		ailable data indicate an impact (COPEC NRs) to Ecological Receptor(s), Surface				\[\] Yes	□No					
	lf " Y	es,"										
	a)	Check all ESNRs or media that apply:										
	☐ Surface water ☐ Sediment ☐ Soil ☐ Wetlands											
	b)	If this information is not submitted with summary information, attach a brief su of all actions to be taken to mitigate ex	ummary of all curre									
8	Have	COPECs been fully delineated to the E	cological Screenir	ig 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 co	nducted?			Yes	☐ No					
10.	Provid which	de the following information for any on-s is potentially impacted by the site relate	site and/or off-site ed discharges:	surface water body,								
		Surface Water Body Name	Stream Classification	Antidegradation Designation	Trout Production	Trout Maintenand	ce					
11.	by the	Program Interest (PI) or Permit numbe Division of Land Use Regulation? (e.g. d areas, coastal areas, tidelands, etc.).	. wetlands, transiti	on areas, flood		Yes	□No					
	lf	"Yes,":										
		Identify the type(s) of regulated areas:										
		Provide the Land Use Regulation Prog	gram (LURP) PI or	Permit number(s) fo	r the site:							
12	Are th	Provide the Land Use Regulation Progression Progressio	iurisdiction letters	s or approvals under	review							

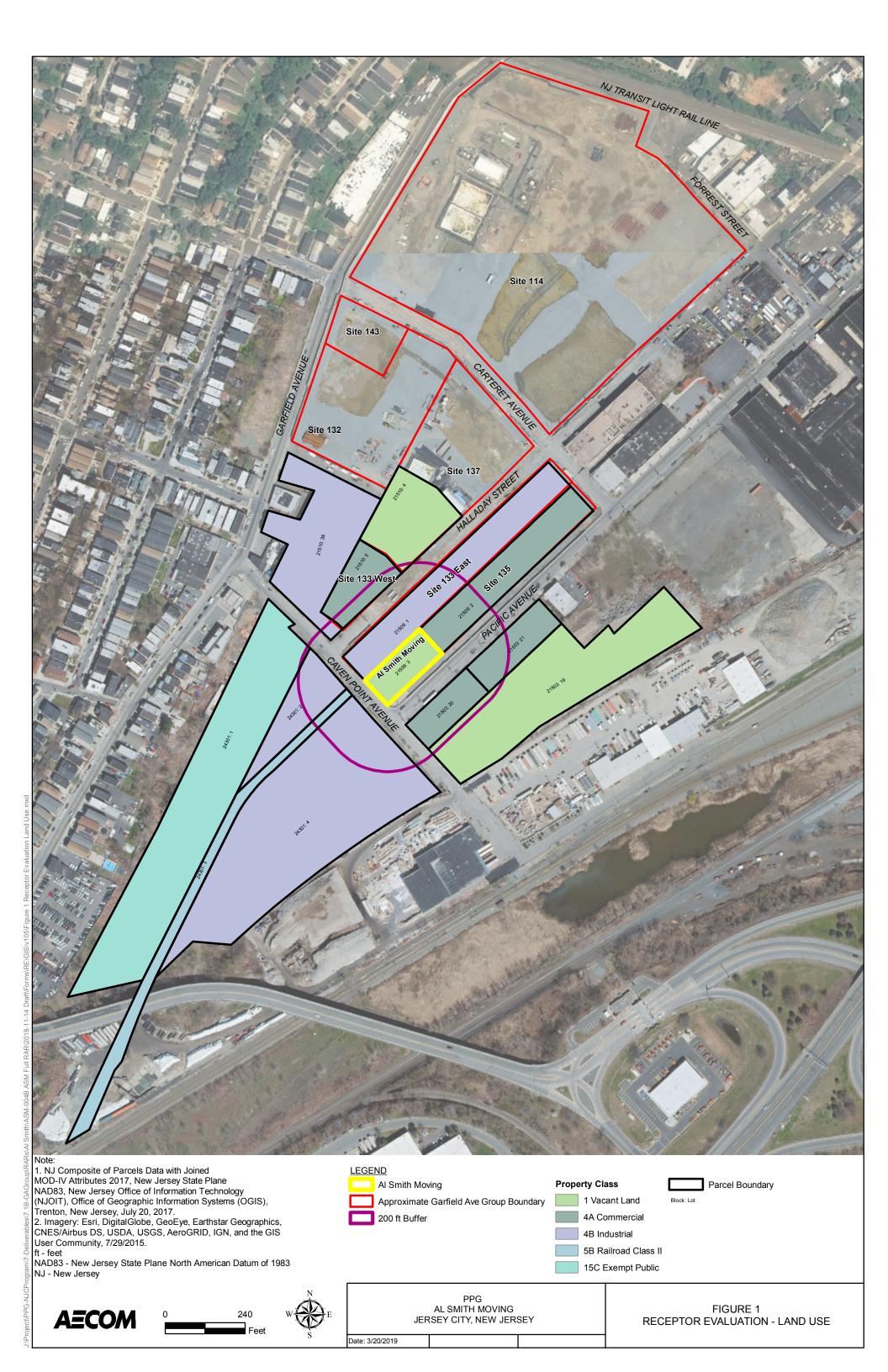
Completed forms should be sent to the municipal clerk, designate health department, and:

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 Al Smith Moving

BLOCK	LOT	PROPERTY CLASS	PROPERTY LOCATION	PROPERTY CITY, STATE	OWNER	OWNER STREET	OWNER CITY, STATE	OWNER ZIP CODE
Sensitive Rece	ptors Within 2	00 Feet						
None Located								
Other Propertie	es							
21503	20	COMMERCIAL (4A)	2-22 PACIFIC AVE.	JERSEY CITY, N J	ANTONUCCI,ALAN	P.O. BOX 6466	JERSEY CITY, N J	07306
21509	3	VACANT LOT (1)	33 PACIFIC AVE.	JERSEY CITY, N J	NJEDA,C/O A.SMITH MOVING & FURN	33 PACIFIC AVE.	JERSEY CITY, N.J.	07304
21503	21	COMMERCIAL (4A)	24-46 PACIFIC AVE.	JERSEY CITY, N J	ANTONUCCI, ALAN & CHRISTOPHER	P.O. BOX 6466AVE.	JERSEY CITY, N.J.	07306
21503	19	VACANT LOT (1)	34 CAVEN POINT AVE.	JERSEY CITY, N J	CAVEN POINT PARTNERS LLC	418 WEST SIDE AVE.	JERSEY CITY, N.J.	07308
21510	5	COMMERCIAL (4A)	15 HALLADAY ST.	JERSEY CITY, N J	PPG INDUSTRIES, INC.%TAX ADMIN.DEPT	ONE PPG PLACE	PITTSBURGH, PA	15272
21509	2	COMMERCIAL (4A)	51-99 PACIFIC AVENUE	JERSEY CITY, N J	PPG INDUSTRIES, INC.	ONE PPG PLACE	PITTSBURGH, PA	15272
21510	4	VACANT LOT (1)	25 HALLADAY ST.	JERSEY CITY, N J	PPG INDUSTRIES, INC.%TAX ADMIN.DEPT	ONE PPG PLACE	PITTSBURGH, PA	15272
21509	1	INDUSTRIAL (4B)	22 HALLADAY ST.	JERSEY CITY, N J	PPG INDUSTRIES, INC.	ONE PPG PLACE	PITTSBURGH, PA	15272
21510	39	INDUSTRIAL (4B)	800 GARFIELD AVE.	JERSEY CITY, N J	MID-NEWARK L.P.C/O TEN WEST APPAREL	10 W.33RD.STSTE.216	NEW YORK CITY, N.Y.	10001
24301	4	INDUSTRIAL (4B)	21 CAVEN POINT AVE.	JERSEY CITY, N J	NEWARK INDUST.ASSOC.C/O C.DANIELS	501 SEVENTH AVE #400	NEW YORK, NY	10018
24301	3	RAILROAD CLASS II (5B)	CAVEN POINT AVE.	JERSEY CITY, N J	CONSOLIDATED RAIL	P. O. BOX 8499	PHILADELPHIA, PA	19101
24301	2	INDUSTRIAL (4B)	55 CAVEN POINT AVE.	JERSEY CITY, N J	SUDYLO, ANDREW & JULIA	534 RIDGE ROAD	PHILLIPSBURG, N.J.	08865
24301	1	EXEMPT PUBLIC (15C)	20 COMMERCIAL ST.	JERSEY CITY, N J	CITY OF JERSEY CITY	280 GROVE ST.	JERSEY CITY, N.J.	07302



Attachment 2- Well Search

Atttachment 2 Well Search Al Smith Moving

SITE NAME	Hudson County Chromate - Al Smith Moving
SITE STREET ADDRESS	33 Pacific Avenue
SITE COUNTY (select)	Hudson
SITE MUNICIPALITY (select)	Jersey City
PROGRAM INTEREST (PI) ID #:	775998
SOURCE COORDINATE X	610836
SOURCE COORDINATE Y	682142
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

Atttachment 2 Well Search Al Smith Moving

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

Atttachment 2 Well Search Al Smith Moving

Download_Document	Permit_Number	Distance_(feet)	Depth (feet)	Capacity (gal/min)	COORD_	METHOD	TOP	OPEN	INT	BOT_	OPEN	INT	STATIC_	LEVEL	STATUS	WELL	SAMPLED?
	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														