



GZA GeoEnvironmental, Inc.
 55 Lane Road
 Suite 407
 Fairfield, NJ 07004
 973-774-3300 (fax) 973-774-3350

TWP. OF WYCKOFF

NOV 23 2020

TRANSMITTAL
 MUNICIPAL CLERK

Date: 11/19/2020	Job No. 12.0076845.00

TO:	Joyce C. Stanimauro, Municipal Clerk
	340 Franklin Avenue
	Wyckoff, NJ 07841

We are sending you:

<input checked="" type="checkbox"/>	Attached	<input type="checkbox"/>	Copy of Letter	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Prints	<input type="checkbox"/>	Shop Drawings	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Change Order	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Copies	Date	Item No.	Description
1	11-19-2020	1	Classification Exception Area form

These are Transmitted as Checked Below:

<input type="checkbox"/>	For Approval	<input type="checkbox"/>	Approved as Submitted	<input type="checkbox"/>	Resubmit	Copies for Approval
<input type="checkbox"/>	For Your Use	<input type="checkbox"/>	Approved as Noted	<input type="checkbox"/>	Submit	Copies for Distribution
<input type="checkbox"/>	As Requested	<input type="checkbox"/>	Returned for Corrections	<input type="checkbox"/>	Return	Corrected Prints
<input type="checkbox"/>	For Review and Comment	<input type="checkbox"/>		<input type="checkbox"/>		

Comments:

Copy To:		Signed:	Jennifer Tomsey
----------	--	---------	-----------------

3. CEA Boundaries and VI Pathway Status:

Year of tax map used: 2019

Are there volatile contaminants in the CEA? Yes No
 Is there LNAPL currently found in the CEA? Yes No

For CEA revisions only:

- Check if CEA Boundary has changed (See instructions)
- Check if Block and Lot numbers have changed (See instructions)

List the block(s) and lot(s) included in the areal extent of the CEA and check the appropriate boxes:

Block	Lot(s)	Check if off-site	Check if VI pathway was evaluated*	Check if VI pathway status is indeterminate*
517	3.01	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Check if attaching an Addendum to list additional Blocks/Lots and associated information. (see instructions)

*Follow instructions for parcels where the vapor intrusion (VI) pathway was evaluated and the status is indeterminate.

Direction of ground water flow: southeast (If multiple water bearing zones exist within the CEA and/or there is no predominant flow direction, see instructions.)

Vertical depth of CEA: 59.7 (ft bgs) and 80.69 (msl).

Horizontal extent of CEA: 2,851.29 Indicate units: acres or square feet

Name(s) of the affected Geologic Formation(s)/Unit(s) (see instructions if multiple formations/units affected):
Passaic Formation

Narrative description of proposed CEA boundaries:

The groundwater CEA is associated with petroleum related contaminants in an area at and downgradient of former USTs and pump island area. The CEA will extend to a depth of 59.7' and extend approximately 28 feet downgradient from MW-2.

4. Projected Term of CEA: (Based on modeling/calculations in the fate and transport description)

Proposed Duration in Years: 5.84 Anticipated Expiration Date: 02/07/2026

or Indeterminate (Review instructions before selecting "Indeterminate" for the CEA duration.)

5. ATTACH AND/OR SUBMIT THE FOLLOWING: (see instructions for additional information/requirements)

Exhibit A: Site Location Maps – Based on USGS Quadrangle Map;

Exhibit B: CEA Map and Cross Section Figure – See N.J.A.C 7:26C- 7.3(c)1 and 2 and instructions regarding what is required to be included on the map and the cross-section figure.

Exhibit C: GIS Deliverables – CEA Boundary Extent Map. The CEA Boundary Extent Map shall be submitted via email to srpgis_cea@dep.nj.gov. (See the instructions for detailed GIS deliverable requirements.)

Identify format of CEA Boundary Extent Map being submitted: Shape File CAD File N/A

If there is a CEA map already on NJ-GeoWeb, does it need to be revised? Yes No N/A

SECTION C. CURRENT GROUND WATER USE DOCUMENTATION

1. Indicate the year of the most recent well search completed per N.J.A.C. 7:26E-1.14: 2020
2. If this Fact Sheet form is for a revised CEA or an existing CEA with no changes, have new wells been installed since the CEA was established? Yes No N/A
3. Are there any pumping wells (e.g., potable, industrial, irrigation or recovery wells) within the foot print of the CEA? Yes No
- If "Yes" list/attach list of the type and status of any pumping well(s) within CEA:

SECTION D. WELL RESTRICTION INFORMATION

Certain well restrictions relevant to potable ground water use, such as "Double Case Wells", "Sample Potable Wells", and "Evaluate Production Wells", are consistently set within the boundaries of all CEAs established by the NJDEP in Class I and II-A areas (*see instructions*).

1. Are there any other site-specific well restrictions relevant to potable ground water use that should be set within or near the boundaries of the proposed CEA? Yes No
- If "Yes", describe below any such site-specific well restrictions proposed for this CEA:

SECTION E. PUBLIC NOTIFICATION REQUIREMENTS

1. Indicate which of the following entities have been notified pursuant to N.J.A.C. 7:26C-7.3(d) and the dates each notification was sent. (*check all that apply*)
- Municipal and county clerk(s) Dated mailed: _____
 - Local, county or regional health department(s) Dated mailed: _____
 - Designated County Environmental Health Act agency (if applicable) Dated mailed: _____
 - County Planning Board Dated mailed: _____
 - Pinelands Commission (if applicable) Dated mailed: _____
 - Owners of real property overlying CEA foot print Dated mailed: _____



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

RECEPTOR EVALUATION (RE) FORM

Date Stamp
 (For Department use only)

SECTION A. SITE

Site Name: Hasco Site #1

Program Interest (PI) Number(s): 000472

Communication Center Number(s) and/or ISRA number(s) for this submission: (as many as will fit in the space provided)
92-12-01-0711-23, 00-12-04-1452-27, and 01-04-30-1209-26

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

Indicate the type of submission:

Initial RE Submission

Updated RE Submission

Indicate the reason for submission of an updated RE form

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

Submission of a Remedial Investigation Report;

Submission of a Remedial Action Report;

Check if included in updated RE

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

A new AOC has been identified;

A new receptor is identified;

A new exposure pathway has been identified.

SECTION B. ON SITE AND SURROUNDING PROPERTY USE

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

	On-site	Off-site
None of the following	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Residences or residential property	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Public or Private Schools Grades K-12	<input type="checkbox"/>	<input type="checkbox"/>
Child care centers	<input type="checkbox"/>	<input type="checkbox"/>
Public parks, playgrounds or other recreation areas	<input type="checkbox"/>	<input type="checkbox"/>
Other sensitive population use(s) Explain <u>Rank 1 - Habitat</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

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

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: _____

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

SECTION C. DESCRIPTION OF CONTAMINATION

1. Identify if any of the following exist at the site:

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: _____

* 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://clu.in.org/contaminantfocus/default.focus/sec/Dense+Nonaqueous+Phase+Liquids+\(DNAPLS\)/cat/Overview](http://clu.in.org/contaminantfocus/default.focus/sec/Dense+Nonaqueous+Phase+Liquids+(DNAPLS)/cat/Overview)

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? Yes No

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

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

SECTION D. GROUND WATER USE

1. 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? Yes No
If "No," proceed to Section E.

2. Is a ground water investigation required? Yes No
If "No," proceed to Section E.

3. Has a groundwater investigation been conducted? Yes 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: 12/01/1998

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 II-A
- Class III-A
- Class III-B

7. Has a well search been completed? Yes No
Date of most recent or updated well search: 07/22/2020

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 Yes No

Note: Redacted wells must be excluded from all non-confidential documents including maps, tables, etc. (see RE Instructions). See Attachment 2

If "No," explain: _____

9. Are any potable or irrigation wells located within 1/2 mile of the currently known extent of contamination? Yes No

If "Yes,":

- A door to door survey is required in accordance with [N.J.A.C.7:26E-1.14(a)ii]. See Attachment 3
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.

No potable wells were identified within search radius.

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 No
Provide a brief narrative description:

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? Yes 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

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? 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/index.html#iec> for required actions and answer the following:
 - 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? Yes No
- Date: _____
- Has the Mitigation Response Action Report been submitted? Yes No
- Date: _____

11. Do one or more buildings have an Indeterminate VI Pathway status? Yes 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? Yes No

If "No", is the vapor intrusion investigation stepping out as part of the site investigation or remedial investigation. (If "No," attach justification) Yes No

SECTION F. ECOLOGICAL RECEPTORS

1. Has an Ecological Evaluation (EE) been conducted? [N.J.A.C. 7:26E-1.16] Yes No

Date conducted: 07/22/2020

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] Yes 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? Yes No

If You answered "No" to Questions 2, 3, or 4, above **Stop Here** (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] Yes No

If "Yes", has a remedial investigation of ecological receptors been conducted? Yes No

Date conducted: _____

7. Do available data indicate an impact (COPECs above Ecological Screening Criteria in ESNRs) to Ecological Receptor(s), Surface water, or Sediment? Yes No

If "Yes,"

a) Check all ESNRs or media that apply:

- Surface water Sediment Soil Wetlands

b) If this information is not submitted with an ecological evaluation that includes contaminant summary information, attach a brief summary of all currently available data and a description of all actions to be taken to mitigate exposure.

8. Have COPECs been fully delineated to the Ecological Screening Criteria [N.J.A.C. 7:26E-4.8(a)] in:

a) Migration pathways Yes No

b) ESNR Yes No

9. Has an Ecological Risk Assessment been conducted? Yes No

10. Provide the following information for any on-site and/or off-site surface water body, which is potentially impacted by the site related discharges:

Surface Water Body Name	Stream Classification	Antidegradation Designation	Trout Production	Trout Maintenance
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>

11. Has a Program Interest (PI) or Permit number been issued for any regulated areas by the Division of Land Use Regulation? (e.g. wetlands, transition areas, flood hazard areas, coastal areas, tidelands, etc.) Yes No

If "Yes,":

Identify the type(s) of regulated areas: _____

Provide the Land Use Regulation Program (LURP) PI or Permit number(s) for the site: _____

12. Are there any **pending** applications for LURP jurisdiction letters or approvals under review by the NJDEP for the remediation? Yes No

13. Are there any **valid** LURP jurisdiction letters or approvals issued for the remediation? Yes No

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