



# NOTICE OF INTENT TO REMEDIATE

For DEP Use Only	
PF #	_____
Rem ID #	_____

Date: <u>March 12, 2024</u>	NIR Status: <input checked="" type="checkbox"/> New	<input type="checkbox"/> Revised
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Act 1995-2 requires four general information items to be included in the NIR: the general location, listing of contaminants, intended use of property, and proposed remediation measures. In addition, indicate the standard(s) to be obtained and attach a scaled site map (if available). Certain project amendments or changes will require submission of a revised NIR, a new public notice, and a new notification to the municipality. Changes to information marked by (\*\*) or (††) indicate when a new NIR and new public and municipal notices are needed. DEP should also be notified of any significant changes to the initial NIR submission, including the change of future use of the property, contaminants added or removed, change of standards from site-specific to background or Statewide health, any change in the media being investigated, or change of any contact information.

Property Name No. 4 Separator Release

Former Name(s)/AKA Former Philadelphia Energy Solutions Refinery

Address/Location 3144 W. Passyunk Avenue

City Philadelphia Zip Code 19153

\*\*Municipality(s) Philadelphia County(ies) Philadelphia County

Tax Parcel ID# (if known) \_\_\_\_\_

Latitude 39 ° (deg). 54 ' (min) 35 " (sec)

Longitude 75 ° (deg). 12 ' (min) 31 " (sec)

Horizontal Collection Method GIS

Horizontal Reference Datum NAD83 Reference Point see Figure 1 attached

\*\*Wish to participate in the DEP/EPA [One Cleanup Program](#).

Contact the Land Recycling Program Manager for details at [landrecycling@pa.gov](mailto:landrecycling@pa.gov).

EPA ID#, if known \_\_\_\_\_

DEP ID#(s), if known 51-33624

(i.e., eFACTs primary facility ID#, storage tank facility ID#, water quality permit #, etc.)

Date Release Occurred (if known) October 8, 2022

Date each municipality was notified of any plan or report submitted under any remediation standard  
March 8, 2024

Place the newspaper name and date that your notice of your plan/report submission was published  
The Philadelphia Inquirer, March 11, 2024

\*\* A change in municipality, the addition of a new municipality, or deciding to participate in the DEP/EPA One Cleanup Program requires a new NIR to be submitted with new public and municipal notifications.

### **Contamination, Land Usage, and Proposed Remediation Section**

Provide a brief description of the site contamination, to the extent known, in plain language (e.g., fuel oil spill, historical chemical industrial area, etc.), the current and intended future use of the property in the box below.

**On October 8, 2022, a release from the No. 4 Separator occurred as a result of an overflow from the unit due to a check valve failure and backflow from Tank 1136 to the No. 4A Separator. NorthStar Contracting Group, Inc. (NorthStar) is a contractor for the property owner, Philadelphia Energy Solutions Refining and Marketing LLC (PESRM), responsible for operating the on-Site industrial wastewater treatment plants. Based upon the information provided by NorthStar, the oil and water level rose over a portion of the Separator's wall and then flowed along the overland grade of the adjacent roadway and eventually reached the bulkhead along the Schuylkill River. Oil and water then migrated through gaps in the sheet pile bulkheads and entered the Schuylkill River. Oil and water also entered the on-site sewer system and overflowed at several sewer box (i.e., 137 Unit Sewer Box, 137 Unit Sewer Box 01, and 137 Unit Sewer Box 02) and sewer inlet (i.e., Sewer 01 through 07) locations along the bulkhead. The release area was approximately 6,700 ft<sup>2</sup> and approximately 10,900 gallons of fluids were estimated to have been discharged.**

**The future use of the property is expected to be non-residential.**

Provide a general description of proposed remediation measures.

**NorthStar notified the PADEP and the National Response Center of the release on October 8, 2022 and conducted a prompt interim response. This response included deployment of containment booms and sweeps on the Schuylkill River, application of approximately 25 bags of oil dry material, isolation and removal of oil contaminated debris, removal of the contaminated debris between the sheet pile walls, and vacuuming of oil and water from around the exterior of the sewer boxes that overflowed. In addition, the release area was covered with a heavy polyethylene sheet and weighed down with sandbags to prevent the migration of contaminants in anticipation of a forecasted rain event. The excavated soil was transported to Waste Management, LA for recycling. Soil sampling was conducted to fully characterize the area and to support an evaluation in accordance with the requirements of Act 2 to determine whether additional action is warranted.**

### Standards Selection Section

Check all the boxes that apply for the appropriate contaminant groups according to the standard(s) and media of the remediation to be performed.

NOTE: Either the site-specific standard or a special industrial area requires a 30-day public and municipal comment period.

Contaminant Groups	Background		Statewide Health– Residential		Statewide Health– Non-Residential		††Site-Specific Standard		††Special Industrial Area	
	Soil	GW	Soil	GW	Soil	GW	Soil	GW	Soil	GW
Aviation Gasoline	<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"/>
Diesel Fuel	<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"/>
Fuel Oil No. 1	<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"/>
Fuel Oil No. 2	<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"/>
Fuel Oil No. 4	<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"/>
Fuel Oil No. 5	<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"/>
Fuel Oil No. 6	<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"/>
Kerosene	<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"/>
Jet Fuel	<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"/>
Leaded Gasoline	<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"/>
New Motor Oil	<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"/>
Unleaded Gasoline	<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"/>
Used Motor Oil	<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"/>
Chlorinated Solvents	<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"/>
Inorganics	<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"/>
Lead	<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"/>
MTBE	<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"/>
Other Organics	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PAHs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PCBs	<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"/>
Pesticides	<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"/>
PFAS	<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"/>

GW: groundwater

†† Changing the selected standard from either background or Statewide health to the site-specific standard, changing to a combination of standards that includes the site-specific standard, or choosing the special industrial area designation requires a new NIR submission with new public and municipal notifications.

Please list individual contaminants here, by environmental medium and cleanup standard (optional):

Soil (Statewide Health - Non-Res): benzene, cumene, ethylbenzene, toluene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, xylenes, anthracene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, chrysene, fluorene, naphthalene, phenathrene, and pyrene.

**Property Owner, Remediator/Participant, and Consultant**

Complete the form below for each recipient obtaining a release of liability upon approval of the final report. Attach additional sheets as necessary.

**Property Owner**

Contact Person/Title Anne R. Garr / Assistant Secretary eFACTs Client ID(If Known) Facility No. 51-33624

Phone Number (312) 283-4469 Email Address agarr@hilcoglobal.com

Company Name Philadelphia Energy Solutions Refining and Marketing LLC EIN or Federal ID # \_\_\_\_\_

Address (street, city, state, zip) 3144 West Passyunk Avenue, Philadelphia, PA 19153

Client Type (choose from list below) Limited Liability Company

Client Types:

Association/Organization

Authority	Limited Liability Partnership	Partnership-General
County	Municipality	Partnership-Limited
Estate/Trust	Non-Pennsylvania	Pennsylvania Corporation
Federal Agency	Government	School District
Individual	Other (Government)	Sole Proprietorship
Limited Liability company	Other (Non-Government)	State Agency

**Consultant**

Contact Person/Title Kevin Long/Principal Consultant Email Address kevin.long@terrphase.com

Phone Number 609-236-8171, ext 93 Company Name Terraphase Engineering Inc.

Address (street, city, state, zip) 100 Canal Pointe Blvd, Suite 110, Princeton, NJ 08540

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**Other Participant (Remediator)**

Contact Person/Title Anne R. Garr / Assistant Secretary

Relationship to Site Owner  
(e.g. remediator, participant in cleanup if other than owner, etc.)

Phone Number (312) 283-4469 Email Address agarr@hilcoglobal.com

Company Name Philadelphia Energy Solutions Refining and Marketing LLC EIN or Federal ID # \_\_\_\_\_

Address (street, city, state, zip) 3144 West Passyunk Avenue, Philadelphia, PA, 19153

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**Preparer of Notice of Intent to Remediate**

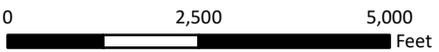
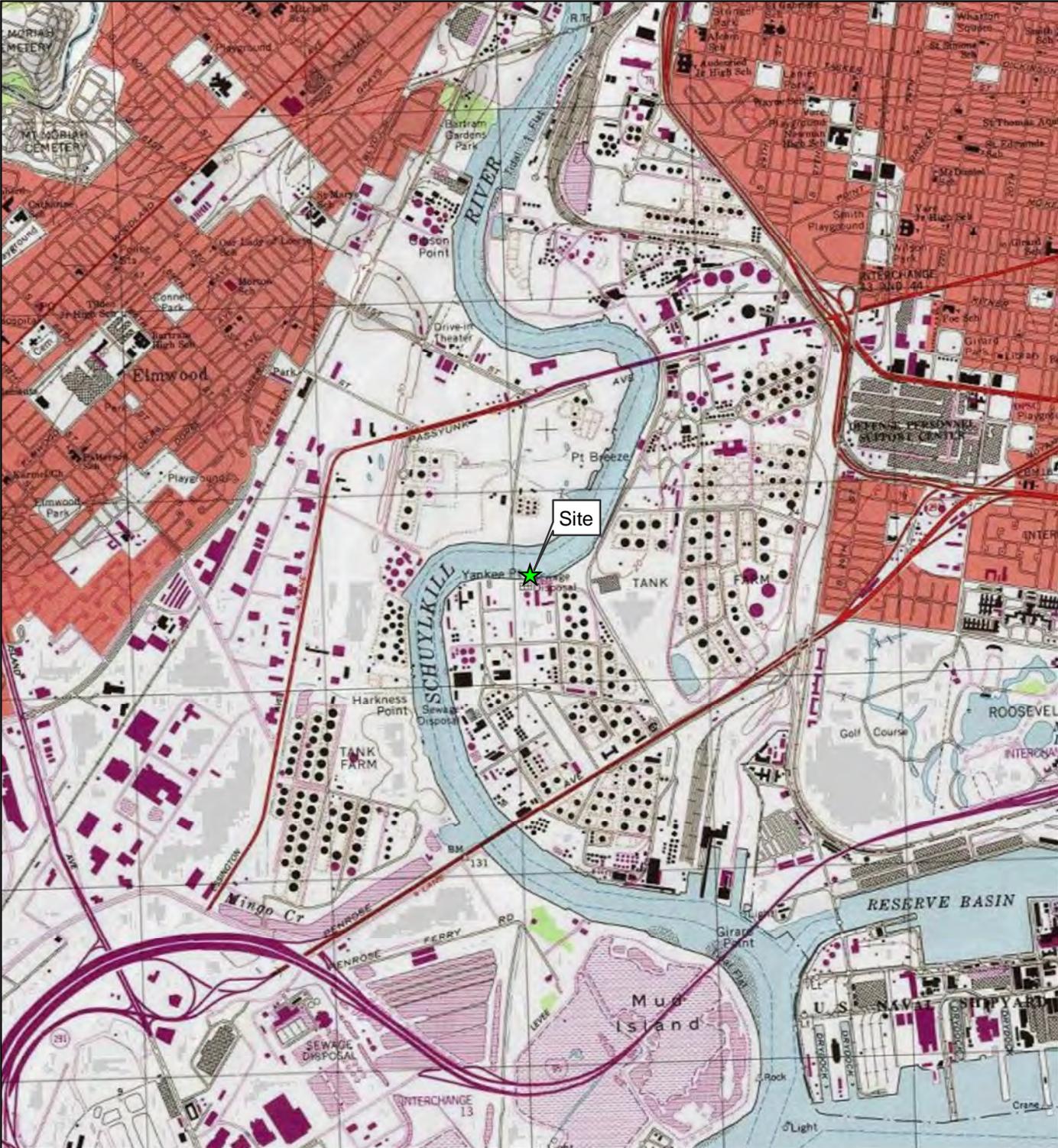
Name Kevin Long Title Principal Consultant

Phone Number 609-236-8171, ext 93 Email Address kevin.long@terrphase.com

Company Name Terraphase Engineering Inc.

Address (street, city, state, zip) 100 Canal Pointe Blvd, Suite 110, Princeton, NJ 08540

File: N:\GIS\Prj\044\_001\_PESRM-PE\WMDs\No. 4 Separator Release Area\20240214\Figure 1 - Site Location Map.mxd 2/14/2024 - Created by: M.Civittolo Coordinate System: NAD 1983 StatePlane Pennsylvania South FIPS 3702 Feet



1 inch = 2,500 feet



**Legend**

★ Site Location

Base Map: USGS Philadelphia (1995) 7.5 Minute Quadrangle.

**SAFETY FIRST**



CLIENT: Philadelphia Energy Solutions Refining and Marketing LLC

PROJECT: No. 4 Separator Release Area

PROJECT NUMBER: P044.001.012

**Site Location Map**

**FIGURE 1**



March 8, 2024

Ms. Leigh Anne Rainford  
Program Manager  
Philadelphia Department of Public Health  
Environmental Health Services  
321 University Avenue – 2nd Floor  
Philadelphia, PA 19104

*sent via email to [LeighAnne.Rainford@Phila.gov](mailto:LeighAnne.Rainford@Phila.gov) and UPS, Proof of Delivery Requested*

**Subject: Notice of Intent to Remediate  
0.032-acre Area at the Former Philadelphia Energy Solutions Refinery  
No. 4 Separator Release  
3144 West Passyunk Avenue, Philadelphia, PA 19153**

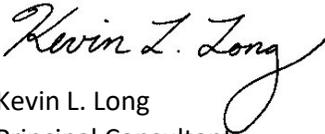
Dear Ms. Rainford:

The Land Recycling and Environmental Remediation Standards Act (Act 2) requires that a Notice of Intent to Remediate (NIR) be provided to the municipality in which the site is located. In accordance with this provision of Act 2, Terraphase Engineering Inc. (Terraphase), on behalf of Philadelphia Energy Solutions Refining and Marketing LLC (PESRM), is formally notifying you of PESRM's intent to remediate the above-referenced site to the non-residential Statewide Health Standard. A copy of the NIR, which will be sent to the Department of Environmental Protection (DEP), is enclosed. This notice will also be published in the Pennsylvania Bulletin, and a summary of the notice will be placed in a local newspaper.

Should you have any questions or comments regarding the proposed remediation, please contact me at [kevin.long@terraphase.com](mailto:kevin.long@terraphase.com) or 609-236-8171, ext. 93.

Sincerely,

for Terraphase Engineering Inc.

  
Kevin L. Long  
Principal Consultant

KL:cs

Enclosure: Notice of Intent to Remediate

cc: Julianna Connolly ([jconnolly@hilcoglobal.com](mailto:jconnolly@hilcoglobal.com))  
Amy Piccone ([apiccone@hilcoglobal.com](mailto:apiccone@hilcoglobal.com))

# Proof of Delivery

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Dear Customer,

This notice serves as proof of delivery for the shipment listed below.

**Tracking Number**

1Z75YA670120611804

**Weight**

0.50 LBS

**Service**

UPS Next Day Air®

**Shipped / Billed On**

03/07/2024

**Delivered On**

03/11/2024 9:54 A.M.

**Delivered To**

PHILADELPHIA, PA, US  
**Received By**

BROWN

**Left At**

Office

Please print for your records as photo and details are only available for a limited time.

Sincerely,

UPS

Tracking results provided by UPS: 03/12/2024 9:09 A.M. EST

**Notice of an Intent  
to Remediate to an Environmental Standard.  
(Sections 302(e)(1)(ii), 303(h)(1)(ii),  
304(n)(1)(i), and 305(c)(1))**

Pursuant to the Land Recycling and Environmental Remediation Standards Act, the act of May 19, 1995, P.L. 4, No. 1995-2., notice is hereby given that Philadelphia Energy Solutions Refining and Marketing LLC (PESRM) will submit to the Pennsylvania Department of Environmental Protection a Notice of Intent to Remediate (NIR) a site located at 3144 West Passyunk Avenue, Philadelphia. This NIR states the site is an approximate 0.032-acre area referred to as the “No. 4 Separator Release Area” at the former Philadelphia refinery. The site has been found to be contaminated with petroleum constituents in soil. PESRM has selected the Statewide health cleanup standard and the remediation measures consisted of soil excavation and disposal. The proposed future use of the property will be non-residential (i.e., commercial/industrial) use.

# The Philadelphia Inquirer

100 S. INDEPENDENCE MALL W, STE 600, PHILADELPHIA, PA 19106

## Affidavit of Publication

On Behalf of:  
TERRAPHASE ENGINEERING  
1100 E HECTOR ST  
SUITE 416  
CONSHOHOCKEN, PA 19428

STATE OF PENNSYLVANIA COUNTY OF PHILADELPHIA:

Before the undersigned authority personally appeared the undersigned who, on oath represented a and say: that I am an employee of The Philadelphia Inquirer, LLC, and am authorized to make this affidavit of publication, and being duly sworn, I depose and say:

1. The Philadelphia Inquirer, LLC is the publisher of the Philadelphia Inquirer, with its headquarters at 100 S. Independence Mall West, Suite 600, Philadelphia, PA 19106.
2. The Philadelphia Inquirer is a newspaper that which was established in in the year 1829, since which date said daily newspaper has been continuously published and distributed daily in the City of Philadelphia, count and state aforesaid.
3. The printed notice or publication attached hereto set forth on attached hereto was published in all regular print editions of The Philadelphia Inquirer on

### Legal Notices

as published in Inquirer Legals in the issue(s) of:

3/11/2024

4. Under oath, I state that the following is true and correct, and that neither I nor The Philadelphia Inquirer, LLC have any is interest in the subject matter of the aforesaid notice or advertisement.





Notary Public

My Commission Expires:

Commonwealth of Pennsylvania - Notary Seal  
Nancy S Fisher, Notary Public  
Philadelphia County  
My Commission Expires June 27, 2027  
Commission Number 1433937

Ad No: 158592

Customer No: 104799

## COPY OF ADVERTISEMENT

### Notice of an Intent to Remediate to an Environmental Standard. (Sections 302(e)(1)(ii), 303(h)(1)(ii), 304(n)(1)(i), and 305(c)(1))

Pursuant to the Land Recycling and Environmental Remediation Standards Act, the act of May 19, 1995, P.L. 4, No. 1995-2., notice is hereby given that Philadelphia Energy Solutions Refining and Marketing LLC (PESRM) will submit to the Pennsylvania Department of Environmental Protection a Notice of Intent to Remediate (NIR) a site located at 3144 West Passyunk Avenue, Philadelphia. This NIR states the site is an approximate 0.032-acre area referred to as the "No. 4 Separator Release Area" at the former Philadelphia refinery. The site has been found to be contaminated with petroleum constituents in soil. PESRM has selected the Statewide health cleanup standard and the remediation measures consisted of soil excavation and disposal. The proposed future use of the property will be non-residential (i.e., commercial/industrial) use.