

NOTICE OF INTENT TO REMEDIATE

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 (if known) and attach a scaled site map (if available).

Property Name UDEX Release Area – Point Breeze South Yard

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

Address / Location 3144 Passyunk Avenue

City Philadelphia Zip Code 19153

Municipality(s) Philadelphia County(ies) Philadelphia County

Latitude 39 ° (deg). 54 ' (min) 36 " (sec) Longitude 75 ° (deg). 12 ' (min) 18 " (sec)

Horizontal Collection Method GIS

Horizontal Reference Datum NAD83 Reference Point see Figure 1 attached

Wish to participate in the DEP/EPA MOA. Contact the Land Recycling Program Manager at landrecycling@pa.gov for details.

EPA ID#, if known _____

DEP ID#(s), if known 51-33620

(i.e., eFACTS site ID#, storage tank facility ID#, water quality permit #, watershed permit, air quality permit #, etc.)

Date Release Occurred (if known) July 2018

Provide a brief description of the site contamination in plain language (e.g. fuel oil spill, historical chemical industrial area contamination), the names of any know primary contaminants to be addressed, and the intended future use of the property.

In late July 2018, PESRM identified a leak from an underground portion of a product line that conveys reformat (a gasoline blending stock used as feed for the UDEX unit). The line was emptied, isolated, bypassed and replaced with a new aboveground line constructed in the same location as the underground line. The future use of the property is expected to be non-residential.

Provide a general description of proposed remediation measures.

Multiple rounds of subsurface investigation have been conducted to characterize the nature and extent of the release. Additionally, over 96,000 gallons of free product was recovered from the subsurface by skimmer pumps operated at three recovery wells between September 2018 and November 2021, and over 24,000 gallons of free product was converted to vapor, extracted, and combusted during a pilot test of soil vapor extraction (SVE) technology between April 2021 and January 2022. A full-scale SVE system is being designed and is expected to begin operation in 2Q 2022.

Remediation Standard(s) planned (if known at this time):

- | | | |
|---|--|---|
| <input type="checkbox"/> Unknown at this time | <input type="checkbox"/> Soil | <input type="checkbox"/> Groundwater |
| <input type="checkbox"/> Background Contaminants: | <input type="checkbox"/> Soil | <input type="checkbox"/> Groundwater |
| <input type="checkbox"/> Statewide Health - Residential Contaminants: | <input type="checkbox"/> Soil | <input type="checkbox"/> Groundwater |
| <input checked="" type="checkbox"/> Statewide Health – Non-Residential Contaminants: petroleum constituents | <input checked="" type="checkbox"/> Soil | <input checked="" type="checkbox"/> Groundwater |
| <input type="checkbox"/> Site Specific Contaminants: | <input type="checkbox"/> Soil | <input type="checkbox"/> Groundwater |
| <input type="checkbox"/> Special Industrial Area* Contaminants: | <input type="checkbox"/> Soil | <input type="checkbox"/> Groundwater |

*NOTE: Specific standard or Special Industrial Area require a 30-day municipal comment period

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

Remediator		
Contact Person/Title <u>Anne Garr / Assistant Secretary</u>	eFACTS Client ID* _____	Facility No. <u>51-33620</u>
Relationship to Site <u>Owner</u> (e.g. owner, remediator, participant in cleanup, consultant, etc.)	Client Type* <u>LLC</u>	
Phone Number <u>(312) 283-4469</u>	Email Address <u>agarr@hilcoglobal.com</u>	
Company Name <u>Philadelphia Energy Solutions Refining and Marketing LLC</u>	EIN or Federal ID # _____	
Address (street, city, state, zip) <u>111 S Wacker Dr, Suite 3000, Chicago, IL, 60606</u>		

Property Owner		
Contact Person/Title <u>Anne Garr / Assistant Secretary</u>	eFACTS Client ID* _____	Facility No. <u>51-33620</u>
Relationship to Site <u>Owner</u> (e.g. owner, remediator, participant in cleanup, consultant, etc.)	Client Type* <u>LLC</u>	
Phone Number <u>(312) 283-4469</u>	Email Address <u>agarr@hilcoglobal.com</u>	
Company Name <u>Philadelphia Energy Solutions Refining and Marketing LLC</u>	EIN or Federal ID # _____	
Address (street, city, state, zip) <u>111 S Wacker Dr, Suite 3000, Chicago, IL, 60606</u>		

Consultant		
Contact Person/Title <u>Kevin Long / Principal Consultant</u>	eFACTS Client ID* _____	
Relationship to Site <u>Consultant</u> (e.g. owner, remediator, participant in cleanup, consultant, etc.)	Client Type* <u>Corporation</u>	
Phone Number <u>609-236-8171, ext 93</u>	Email Address <u>kevin.long@terrphase.com</u>	
Company Name <u>Terraphase Engineering Inc.</u>	EIN or Federal ID # <u>27-3543127</u>	
Address (street, city, state, zip) <u>100 Canal Pointe Blvd, Suite 108, Princeton, NJ 08540</u>		

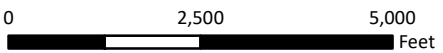
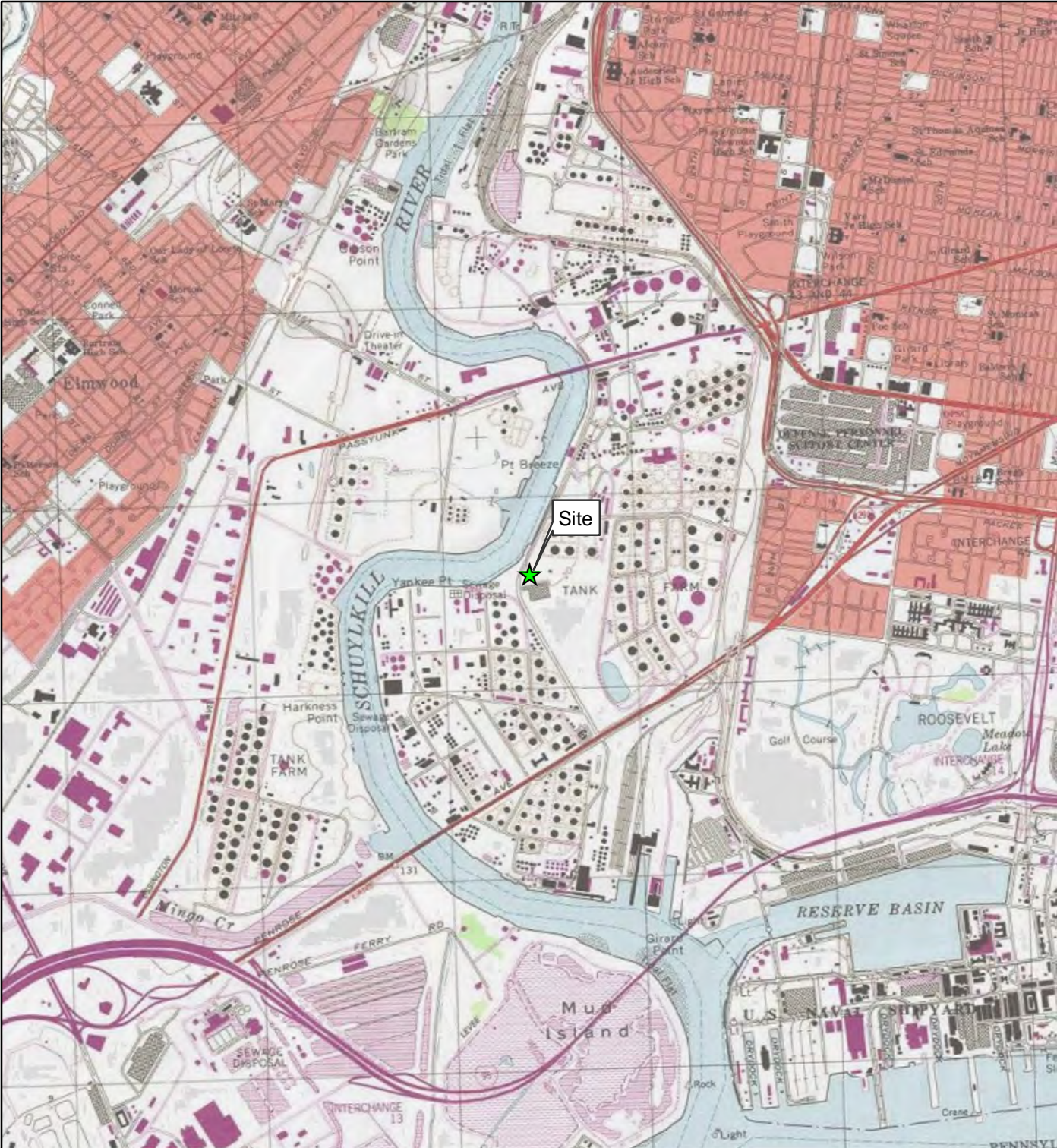
*Include eFACTS Client ID (if known) – “Client Types” below:

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

Preparer of Notice of Intent to Remediate		
Name <u>Kevin Long / Principal Consultant</u>	Title <u>Principal Consultant</u>	
Phone Number <u>609-236-8171, ext 93</u>	Email Address <u>kevin.long@terrphase.com</u>	
Company Name <u>Terraphase Engineering Inc.</u>	eFACTS Client ID _____	

Address (street, city, state, zip) 100 Canal Pointe Blvd, Suite 108, Princeton, NJ 08540

File: N:\GIS\Prj\P044_001_PESRM-PE\WMD\UDEX Release Area\Figure 1 - Site Location Map.mxd 1/20/2022. Created by: Resource 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: UDEX Release Area

PROJECT NUMBER: P044.001.007

Site Location Map

FIGURE 1