

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 No. 3 Separator Area – Girard Point

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) 35 " (sec) Longitude 75 ° (deg). 12 ' (min) 44 " (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 51-33624

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

Date Release Occurred (if known) 2013

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.

The No. 3 Separator Remediation System is a 10-well total fluids recovery system installed by Evergreen Resources Management Operations (Evergreen) in 2012 to address light non-aqueous phase liquid (LNAPL) from a prior release in the area of the property along the Schuylkill River near the No. 3 oil-water separator. In 2013, Philadelphia Energy Solutions Refining and Marketing LLC (PESRM) assumed primary responsibility for the No. 3 Separator Remediation System due to petroleum releases from a process sewer system, which connected the 137 Unit to the No. 4 Separator. The future use of the property is expected to be non-residential.

Provide a general description of proposed remediation measures.

PESRM continued to operate and monitor the recovery system until October 2021 when it was shut down due to the termination of the compressed air supply from the facility as part of decommissioning. The compressed air had been used to power the pneumatic pumps for the system. Increases in LNAPL thicknesses were periodically observed in the monitoring and recovery wells associated with the system between 2013 and October 2021. These occasions of increased thickness are likely associated with leaks from the adjacent process sewer. The most recent instance of increased LNAPL thickness/product recovery coincided with the decommissioning of the 137 process unit during the spring and summer of 2021. Since the completion of decommissioning activities, the process sewer has been cleaned to remove residual oil.

After the shutdown of the plant air, skimmer pumps were used to continue to remove measurable LNAPL from the monitoring and recovery wells associated with the No. 3 Separator Remediation System. LNAPL has not been observed in the wells since skimming was completed in December 2021. Stantec Consulting Services, Inc. (Stantec), on behalf of PESRM, conducts bi-weekly LNAPL gauging of the monitoring and recovery wells.

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>51-33624</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>51-33624</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>		

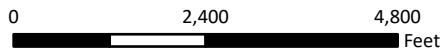
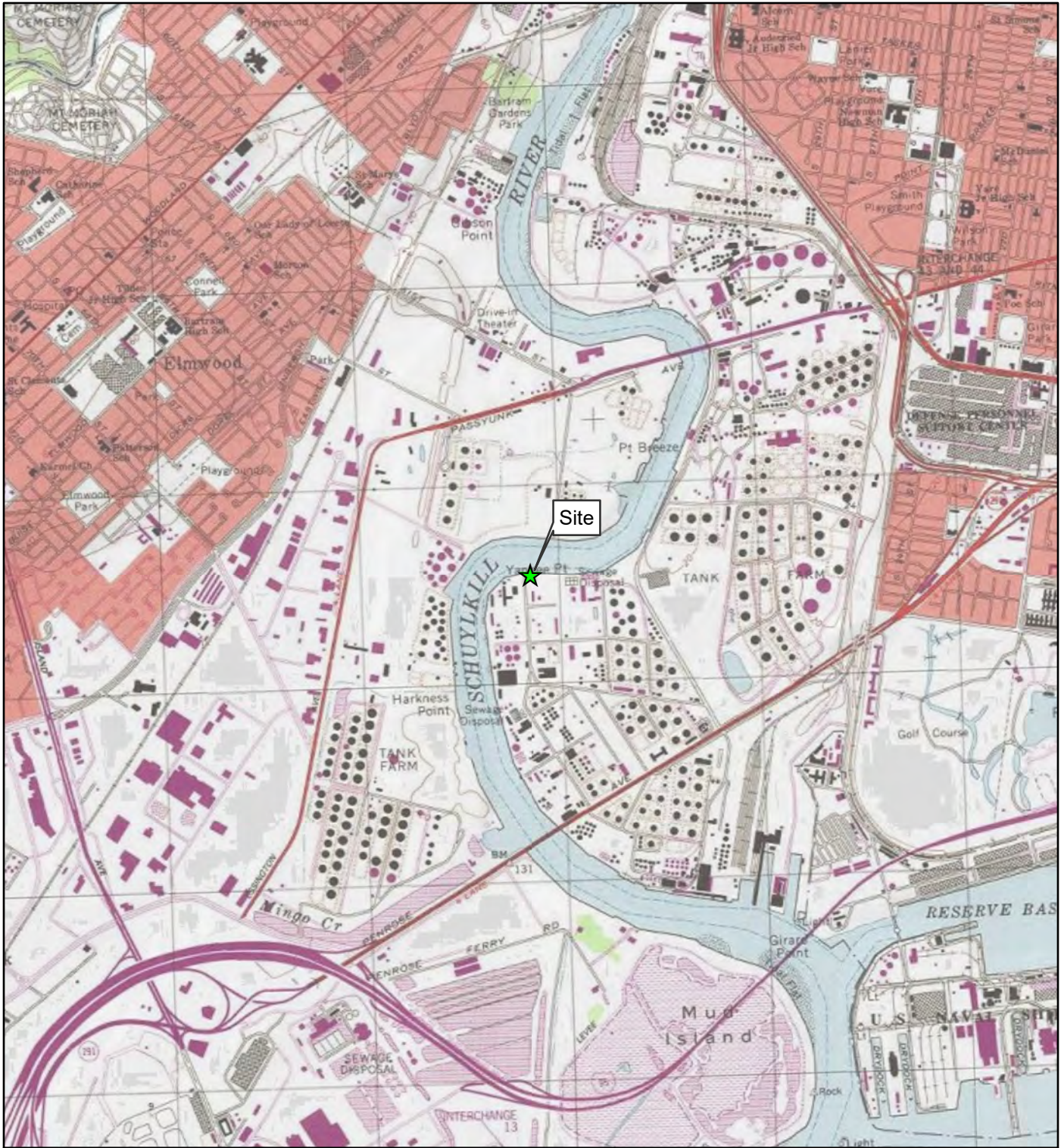
Consultant		
Contact Person/Title <u>Kevin Long / Principal Consultant</u>	eFACTS Client ID* _____	
Relationship to Site <u>Consultant</u> (e.g. owner, remediator, participant in cleanup, consultant, etc.)	Client Type* <u>Corporation</u>	
Phone Number <u>609-236-8171, ext 93</u>	Email Address <u>kevin.long@terrphase.com</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



1 inch = 2,400 feet



Legend

★ Site Location

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

SAFETY FIRST



CLIENT: Philadelphia Energy Solutions Refining and Marketing LLC

PROJECT: No3 Separator Area Remediation

PROJECT NUMBER: P044.001.003

Site Location Map

FIGURE 1