



The U.S. Environmental Protection Agency  
The Maryland Department of the Environment



November 2018

# Project Fact Sheet

## Trade Point Atlantic (Sparrows Point)

### Baltimore, Maryland

#### Background

The U.S. Environmental Protection Agency (EPA) and the Maryland Department of the Environment (MDE) are overseeing the investigation, remediation, and redevelopment of the Trade Point Atlantic (TPA) facility formerly called Sparrows Point Terminal (SPT). The work at the Facility is governed by a Settlement Agreement (SA) between EPA and SPT, pursuant to the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), the Resource Conservation and Recovery Act (RCRA) and a Consent Decree (CD) amongst EPA, MDE and prior owner Sparrows Point LLC (SPLLC), under RCRA and State authorities. SPT has also signed an Administrative Consent Order with MDE and has entered the entire property into the Voluntary Cleanup program.


The SA was developed to govern TPA's assumption of the environmental investigation and remediation measures at the site while it redevelops the Facility. Meanwhile, prior redeveloper/owner SPLLC has assumed the remaining obligations under the CD and the offshore area has been deferred from EPA's RCRA Corrective Action Program to the CERCLA Program. The SA does not require SPT to perform any offshore work.

#### Facility Update

This Fact Sheet provides information on RCRA site investigation status and activities performed from April -September 2018, and activities planned for the remainder of 2018.

#### 1. Phase II Work Plans

The Agencies have received the Phase II Work Plans with proposed soil, groundwater and soil gas sampling points based on the location of potential releases from historical processes conducted at that parcel and sufficient additional sampling locations to provide coverage of the entire parcel. Since the April 2018 public meeting, work plans for the following areas have been approved:

-  **Area A Parcels**
- B-7/B-25
- B-18 Groundwater Investigation
- B-21
- B-23

#### Contact and Resource Information

Please direct any questions about this project to either:

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Additional information can be found at the following EPA and MDE websites for the Trade Point Atlantic Facility:

[EPA RCRA Program - Trade Point Atlantic](#)

[EPA Removal Program - Trade Point Atlantic](#)

## 2. Phase II Investigation Reports

Upon approval of the Phase II Work Plan, field work can begin at the Parcels. Once the field work is completed and the data is validated, an Investigation Report summarizing the sample results and initial risk screening is submitted for the Agencies for review. The following Phase II Reports have been submitted to the Agencies for review, since the April 2018 public meeting.

### + Area A Parcels

- A-2 (revision)
- A-7
- A-8 (revision)

### + Area B Parcels

- B-2 (approved)
- B-5 (revision)
- B-14

## 3. Response and Development Work Plans

This process ensures that redevelopment occurs in a way that protects human health and the environment. The Agencies have approved or are currently reviewing these work plans since the April 2018 public meeting:

### + Area A Parcel

- A11-1

### + Area B Parcels

- B2-1 (approved)
- B2-2
- B5-1 Addendum (approved)

## 4. Additional Updates (EPA)

### I. Tin Mill Canal

Maintenance cleanup of the Tin Mill Canal is currently ongoing at the Facility. The cleanup effort generally includes removal and dewatering of sediment, cleaning of outfalls, disposal of non-hazardous sediments at Grey's Landfill, and placement of a cap. Since the April 2018 public meeting, capping of Sections #3 and #4 of the Canal have been completed.



Tin Mill Canal: Before



Tin Mill Canal: After

## II. Coke Oven Area Interim Measure

The Interim Measures (IM) at the Coke Oven currently in operation include the following systems located within five distinct smaller areas: Air Sparge/Soil Vapor Extraction; Groundwater Pump and Treat; Dual Phase Extraction; Dense Non-Aqueous Phase Liquid (DNAPL) Recovery; and Multi-Phase Extraction of Light Non-Aqueous Phase Liquid (LNAPL). Agencies continue to evaluate the effectiveness of the IM systems at the Coke Oven.

## III. Rod & Wire Mill Interim Measure

The objectives of the (IM) at the Road & Wire Mill (RWM) is to reduce dissolved concentrations of metals in the groundwater and eliminate the potential for future unacceptable groundwater discharges to surface water. The IM approach for addressing the elevated metals in groundwater at RWM is through installation of remediation trenches which helps precipitate the dissolved metals by rising the groundwater pH. Agencies are currently reviewing the Progress Report for the IM at the RWM.

## IV. Sitewide Groundwater Investigation

The goals and objectives of the site-wide groundwater study at the Facility are to: (a) determine the extent of groundwater contamination at the Facility; (b) propose a conceptual site model for groundwater flow and contaminant migration at the Facility; (c) characterize groundwater usage; and (d) select Corrective Action Objectives for appropriate groundwater usage. These investigations are currently ongoing at the site.

## V. Offshore

The EPA Superfund Removal program is evaluating the offshore sediments at the Facility to determine if removal response actions are warranted. EPA approved the conduct of an Engineering Evaluation/Cost Analysis (EE/CA) relating to the offshore sediments and embarked on specific sampling activities to characterize the extent of offshore sediment contamination.

### Northwestern Shore

The ‘Northwestern’ shore is used to describe the area of contamination in Bear Creek. The Bear Creek widens and enters Baltimore Harbor along the western shore of the Facility. It is believed that most of the sediment contamination in the Bear Creek that may have originated from the Facility migrated into Bear Creek from a drainage feature known as Tin Mill Canal. Based upon sample analytical results collected to date, Bear Creek is believed to be contaminated with various metals, PCBs and oil/grease. Since the April 2018 public meeting, EPA and MDE have approved an additional Sampling and Analysis Plan to fill data gaps related to sediment chemistry and toxicology at the Northwestern shore. Field work is expected to be conducted in October 2018.

### Eastern Shore

Removal site evaluation sampling activities related to the area considered as offshore of the “Eastern Shore” of the facility has been conducted by EPA. Based on favorable results from sediment sampling conducted at the Patapsco River, Old Bay Road and Jones Creek, EPA and MDE do not anticipate further action for the Eastern Offshore Sediments.

# Sparrows Point Investigation Status 9/13/2018

## Investigation\_Status

- Parcel Boundaries
- Work Plan Submitted
- Work Plan Approved
- Investigation Completed
- Final Cleanup Approved

