



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION III  
1650 Arch Street  
Philadelphia, Pennsylvania 19103-2029

**SUBJECT:** Atlantic Bulk Carrier Corporation  
1902 Roxbury Road, Roxbury VA 23140  
RCRA ID: VAD000799379

**DATE:** 08/18/2020

Long-term Stewardship Assessment

**FROM:** Caitlin Elverson, Project Manager (3LD10)

**TO:** Long Term Stewardship File for Atlantic Bulk Carrier Corporation  
RCRA Corrective Action Branch 1 (3LD10)

**Remedy Review Summary:**

**EPA's Final Remedy Decision (June 4, 2013) consists of groundwater monitoring and compliance with and maintenance of Institutional Controls. A Consent Order was issued to Atlantic Bulk Carrier Corporation (ABC) on September 8, 2015. The Consent Order (AOC) requires that ABC implement an EPA-approved groundwater monitoring plan and Institutional Controls. The Institutional Controls include: (1) ABC will not use groundwater on the facility property; (2) ABC will not install any new wells on the facility property; and (3) ABC will install a vapor intrusion control system approved by EPA in the event of any new construction near the contaminated groundwater plume. EPA has determined that the property is in compliance with EPA's remedy decision. The property is ready for reuse.**

**Document Review:**

The AOC for the property was issued in September 2015 and is available on EPA's Fact Sheet for the Facility. The Facility submitted their July 2020 Corrective Measures Implementation Assessment (CMI) Report to EPA, which demonstrated compliance with the AOC for annual groundwater monitoring and Institutional Controls reporting. Groundwater monitoring results show an overall decrease in the contaminants of concern (COC) in the groundwater plume at the Facility. The CMI Report also indicates that ABC is not using groundwater on the facility property and no new wells were installed on the facility, except for a replacement monitoring well. Based on the CMI Report and the most recent aerial image of the Facility (Google satellite map) there has been no new construction on the property since the 2015 AOC.

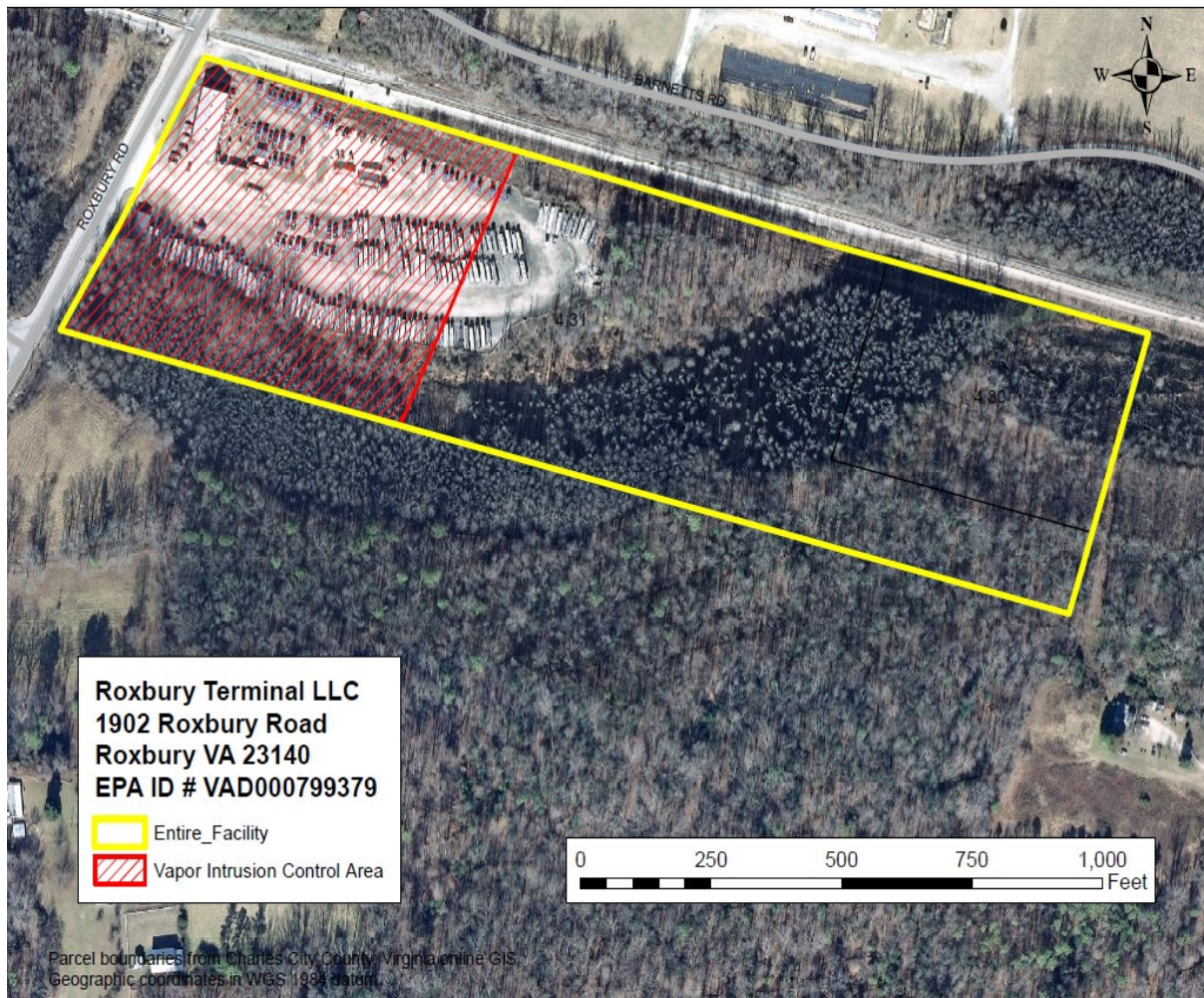
**Background:**

Atlantic Bulk Carrier (ABC) is the owner and operator of the Facility. The Facility consists of approximately 18 acres located about 2,000 feet south of the Chickahominy River. Approximately one third of the Facility is currently operated as a truck maintenance shop (shop

building), fueling station, tire storage building and tractor trailer storage area that is used for parking bulk tanker trailers. The majority of the storage and other operational areas are covered with crushed stone. The shop building itself is a corrugated steel sheathed structure built on a substantial concrete slab. The most significant impact at the site is from an alternate source plume located near the center of the site containing solvent-related VOCs in groundwater including TCE, PCE and degradation products. The origin of the source is unknown, but probably is related to historic spills in or around a now-demolished building in middle of the yard. Natural attenuation by biodegradation of the VOCs in groundwater has reduced VOC levels at the site over time.

**Documents Reviewed:**

EPA Facility Fact Sheet, including EPA’s Statement of Basis and Final Decision, Administrative Order on Consent, and Facility boundary and vapor intrusion control area; The Facility’s Corrective Measures Implementation Assessment Report (July 31, 2020); and Google Earth Pro™ images.



**Institutional Control/Engineering Control Corrective Action Remedy Summary**

Facility Name	Atlantic Bulk Carrier Corporation			
Address	1902 Roxbury Road, Roxbury, VA 23140			
EPA ID Number	VAD000799379			
Are there restrictions or controls that address:	Yes	No	Area(s)	Description of restrictions, controls and mechanism
Groundwater Use	X		Entire Facility	Groundwater at the Facility shall not be used for any purpose other than the operation, maintenance, and monitoring activities.  No new wells shall be installed on Facility property unless it is demonstrated that such wells are necessary to implement the final remedy.  Annual groundwater monitoring and reporting to EPA.
Residential Use		X		
Excavation		X		
Vapor Intrusion	X		Vapor Intrusion Control Area	A vapor intrusion control system shall be installed in each new structure constructed above the contaminated groundwater plume or within 100-feet around the perimeter of the contaminated groundwater plume.
Capped Area(s)		X		
Other Engineering Controls		X		
Other Restrictions	X			Written notification to EPA within 30 days of: non-compliance with AOC; changes in Facility use; planned activity that may impacting contamination. Prior EPA written approval required for activities that may impact remedy.