



NARRATIVE REPORT FORM

Facility Name: Washington Crossing LNAPL

Primary Facility ID: _____

Inspection Date: 01/23/2025		Inspection Time: 14:00		Lat/Long:	
Program:		<input type="checkbox"/> Storage Tanks		<input type="checkbox"/> HSCA	
				<input type="checkbox"/> LRP	
Owner Name:			Inspection ID:		Site ID:
Facility Location (911) Address: [REDACTED] Washington Crossing, PA 18977				Municipality: Upper Makefield Twp	
				County: Bucks	
Responsible Official Name: Title:				Responsible Official Address:	
Responsible Official Telephone: Email Address:				Interviewee Name: Affiliation: Email Address:	

Narrative:

Olivia Budnovitch (OB) and Dustin Lipik (DL) arrived at the [REDACTED] ([REDACTED] [REDACTED] Washington Crossing, PA 18977) at 1:45 PM to meet with Groundwater & Environmental Services (GES), Sunoco's environmental subcontractor. Prior to meeting with GES, OB and DL spoke briefly with [REDACTED], the owners of the home at [REDACTED] [REDACTED] [REDACTED] located directly adjacent to [REDACTED] to the east. [REDACTED] expressed concerns that their toilet water and shower water have a faint yellow tint and strong odor. OB asked if they had recently changed their carbon filter in their water treatment system. [REDACTED] indicated it was last changed in August 2024. OB and DL informed [REDACTED] that DEP would keep them informed about the project as more information is obtained. Following the conversation with [REDACTED], OB and DL met with GES at the potable well located in the front yard of the [REDACTED] [REDACTED]. The surface completion of the well is a 6-inch steel casing with a lid secured with a threaded bolt and no lock (see Photo #1). GES opened the well lid and collected readings with a photoionization detector (PID). Neither OB or DL confirmed if the PID used a 10.6 eV or 11.7 eV lamp, but GES has this information available, if needed. The PID reading within the casing was 21.0 parts per million (ppm). Within a minute of opening the casing, OB, DL, and GES personnel noticed a strong odor coming from the well. OB and DL planned to collect split samples of free product from the potable well. GES informed OB and DL that GES was also asked to collect a water sample from the point-of-entry port located prior to treatment, to be analyzed for volatile organic compounds (VOCs) via Method 524.2 and 1,2-dibromoethane (EDB) via Method 8011. OB and DL agreed to collect a split sample from the point-of-entry port.

DEP Representative Name Olivia Budnovitch		DEP Representative Signature		Title Geoscientist		Date: 01/24/2025	
						Telephone: 484-250-5705	
<i>Signature by the person interviewed does not necessarily imply concurrence with the findings on this report, but does acknowledge that the person was shown the report or that a copy was left with the person.</i>							
Interviewee Name		Interviewee Signature		Title		Date:	
						Telephone:	

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GES indicated that he was told not to gauge the well with an interface probe to avoid entangling the meter tape in the downhole pump wiring/piping. No depth-to-water or depth-to-product measurements were collected. GES deployed a 36-inch long, 1.6-inch diameter high-density polyethylene (HDPE) bailer using bailer twine to collect the free product sample. Based on the length of the bailer twine deployed, DL estimated the first occurrence of product/water to be between approximately (~) 100-120 feet below ground surface (bgs). Upon retrieval, the bailer was inspected and ~12-inches of free product was observed at the top of the bailer (see Photo #2). GES first filled a 500-milliliter (mL) clear glass bottle with product before redeploying the bailer and obtaining additional volume for OB and DL's samples. OB and DL filled two (2) 20-mL clear glass vials and two (2) 500-mL amber glass bottles with free product. Samples were immediately placed in a cooler on ice. The amount of free product observed at the top of the bailer by the 4th bailer volume was ~4 inches. Sample collection time was 2:05pm. Product samples are photos 4 and 5. After completion of sample collection activities at the potable well, GES secured the well and OB, DL, GES proceeded inside the [REDACTED] Residence. GES indicated he would first purge the kitchen faucet for several minutes prior to collecting the point-of-entry sample prior to treatment. [REDACTED] met with OB, DL, and GES within the [REDACTED] Residence. [REDACTED] was also present for the discussions, though [REDACTED] did not participate. [REDACTED] informed OB, DL, and GES of the following: The water treatment system for the home consists of carbon filtration, UV filtration, and a water softener (see Photo #3). The carbon filter had been changed within the week prior to this inspection. Following the carbon filter change, noticeable water tint and odors diminished but were still faintly present. The potable well total depth was ~600 ft bgs, though [REDACTED] was not certain of the exact construction details. An itemized invoice from Bucks County Well Drilling, Inc. provided by [REDACTED] indicated that 480 ft of 1-inch, schedule 120, PVC pipe was used during the replacement of the supply pump, so the pump intake is likely ~480 ft bgs. GES ran the kitchen faucet for approximately 5 minutes during our interview with [REDACTED]. PID readings began at 0.0 ppm at the start of purge, increasing to 0.7 ppm as water was purged from the faucet. Following purging, OB, DL, and GES proceeded to the basement to collect a water sample from the point-of-entry port located prior to treatment. The water treatment system and point-of-entry sample port are located in the northeast corner of the basement, with the sample port located adjacent to the left edge of the concrete slab supporting the water pressure tank (see Photo #3). GES first filled a 12-inch long, 1.6-inch diameter HDPE bailer from the sample port prior to filling six (6), 40-mL clear glass, volatile organic analysis (VOA) vials containing a hydrochloric acid (HCl) preservative. OB and DL collected three (3), 40-mL, clear glass, VOA vials containing an HCl preservative. Filling bottle ware directly from the point-of-entry sample port was not feasible due to high pressures from the port that may have displaced the preservative during collection. GES also collected a filtered sample (0.45-micrometer [μm] filter) in one (1), 500-mL, HDPE bottle preserved with nitric acid (HNO_3) for analysis of dissolved lead. OB and DL did not collect a split sample for dissolved lead. The maximum PID readings collected from the point-of-entry sample port was 1.3 ppm. Sample time was 2:35pm. Following sample collection from the point-of-entry port, OB, DL, and GES again spoke with [REDACTED]. [REDACTED] inquired as to when results would be known. GES indicated that GES is running their samples on a 2-day turnaround time (TAT). OB and DL indicated that DEP could not confirm the TAT for their samples but will follow up with results as soon as they are made available. OB and DL spoke briefly with the GES personnel who indicated he had been to several neighboring properties to collect samples from point-of-entry ports earlier in the day and had one more appointment at a neighboring residence following sampling at the [REDACTED]. OB and DL departed at 2:47pm

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Photo 1
Open well head



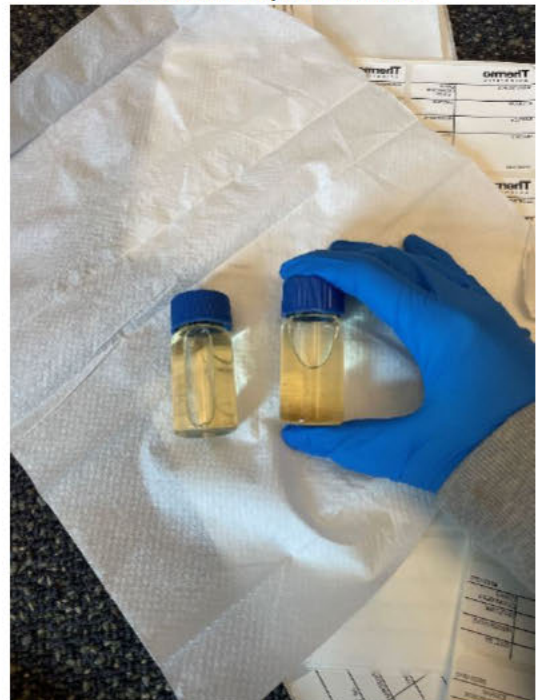
Photo 2
Product in bailer



Photo 3
Basement treatment system



Photo 4
Product sample from well





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