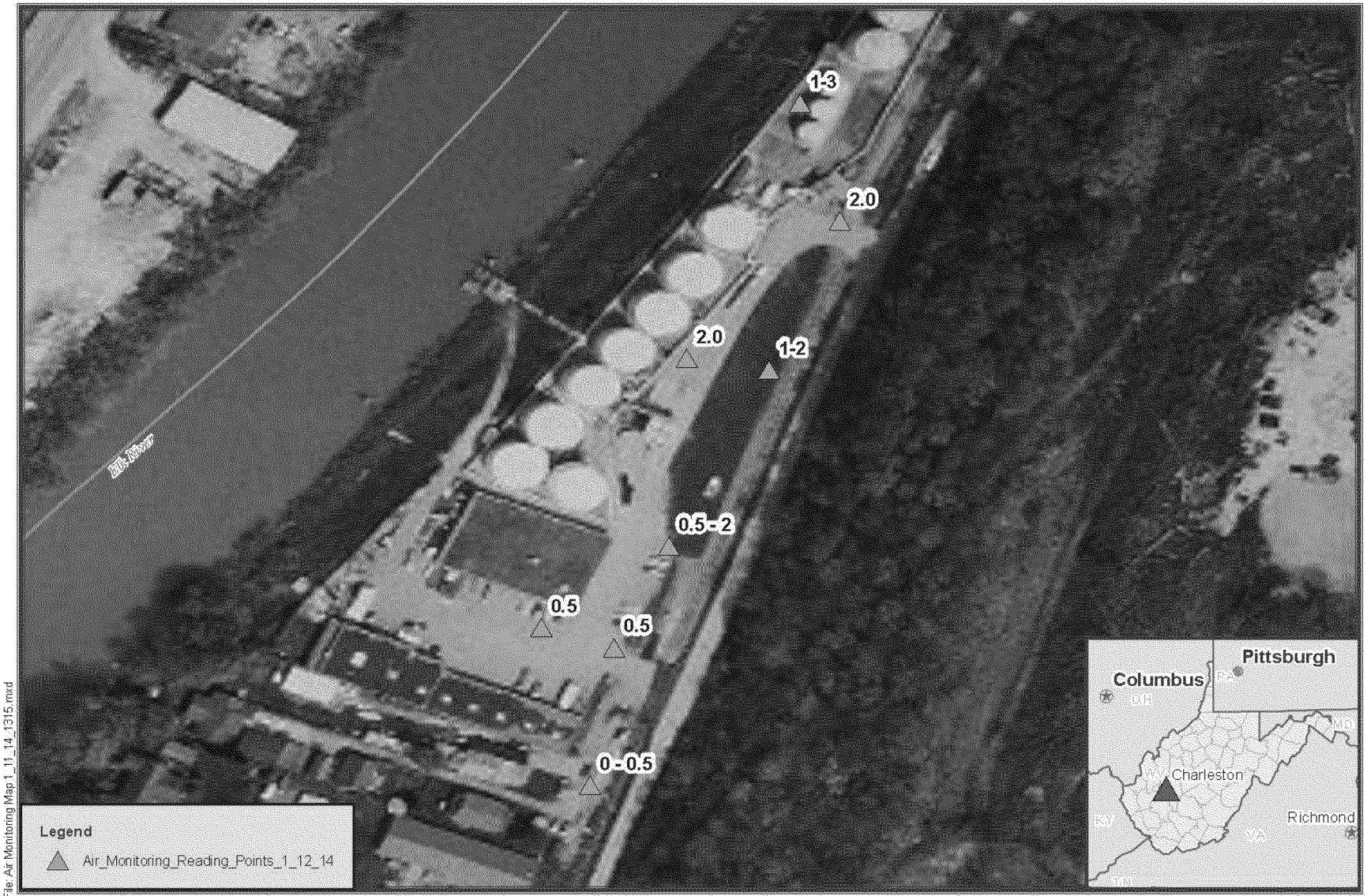
OPS Briefing

0900

January 13, 2014



File:Air Monitoring Map 1_11_14_1315.mxd

TechLaw

START Contract No. EP-S3-10-04

Air Monitoring Location/Data Map - 1/12/14 - 14;20 hours
Charleston, WV Chemical Leak - Etowah, West Virginia

0 95 190 380 Feet

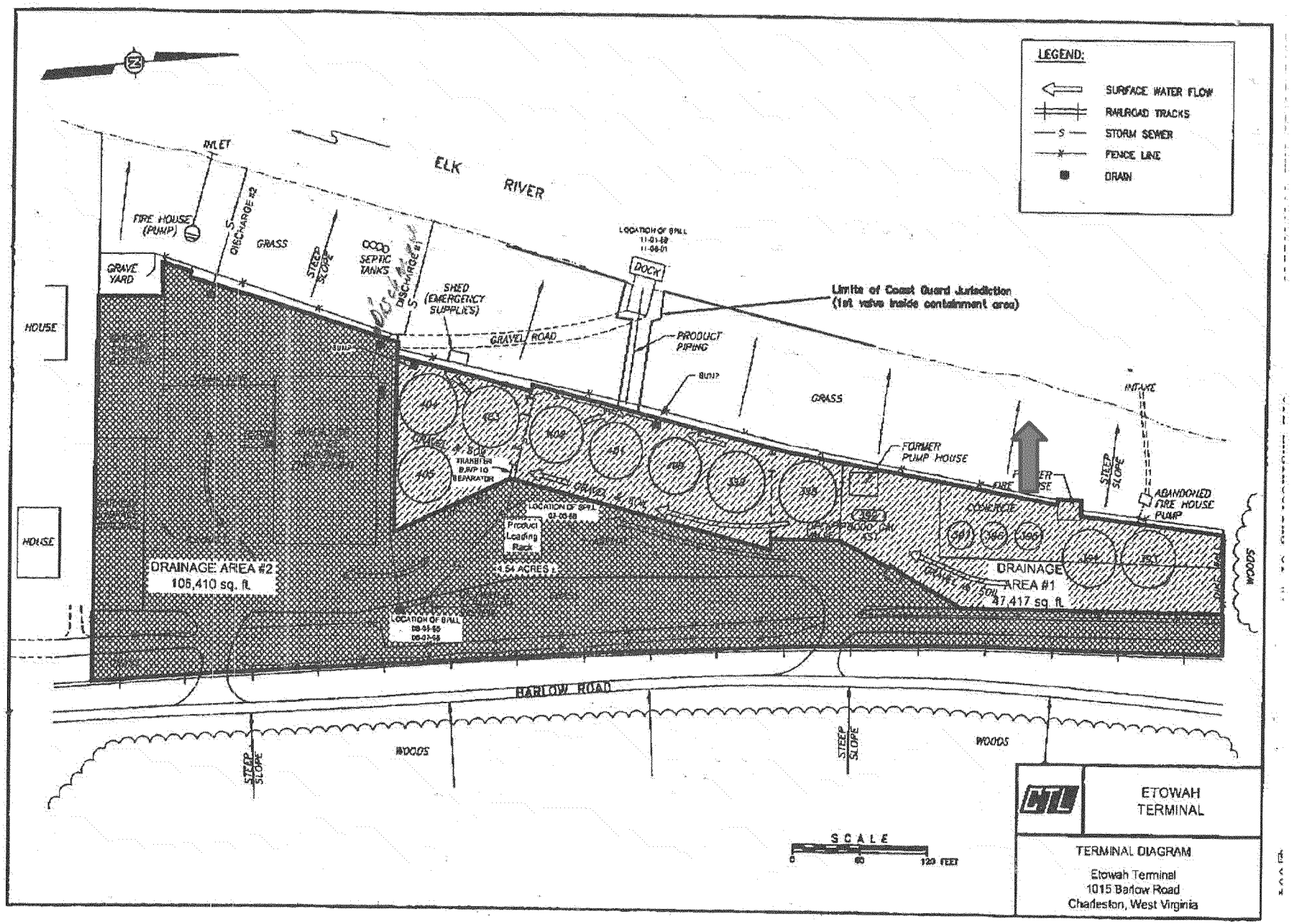
Map By: WFH

Date Modified: 01/12/2014

Scale: 1:1,682

Source:
Base Layers procured from ESRI Online Services

Air Monitoring Results from field screening using START TVA-1000 FID unit.
Results are approximate due to response factor relationship, wind, and other potential interferences.


LEGEND:
SURFACE WATER FLOW
RAILROAD TRACKS
STORM SEWER
FENCE LINE
DRAIN
ELK RIVER
INLET
FIRE HOUSE (PUMP)
DISCHARGE #2
GRASS
STEEP SLOPE
SEPTIC TANKS
DISCHARGE #1
SHED (EMERGENCY SUPPLIES)
GRAVE YARD
HOUSE
HOUSE
GRAVEL ROAD
LOCATION OF SPILL
DOCK
Limits of Coast Guard Jurisdiction (1st valve inside containment area)
PRODUCT PIPING
GRASS
INTAKE
FORMER PUMP HOUSE
STEEP SLOPE
ABANDONED FIRE HOUSE PUMP
TRANSFER BUMP TO SEPARATOR
LOCATION OF SPILL
Product Loading Rack
4.54 ACRES ±
DRAINAGE AREA #2
105,410 sq. ft.
DRAINAGE AREA #1
47,417 sq. ft.
LOCATION OF SPILL
WOODS
BARLOW ROAD
STEEP SLOPE
WOODS
STEEP SLOPE
WOODS
SCALE
0
60
120 FEET
CTL
ETOWAH TERMINAL
TERMINAL DIAGRAM
Etowah Terminal
1015 Barlow Road
Charleston, West Virginia

Storm drain below the second containment of tank farm

Example of Fill below Tank Farm

The yellow brick seen in this picture is just one layer of fill used.

•There is a layer of red brick from demolished buildings

•Some tile from buildings are used

•The secondary containment does have a clay liner below the fill and gravel layers

•Freedom Industries will be drilling two holes to look at what the layers of fill are specifically and the depth of each, once the issue with marking gas lines is resolved.