## Webinar will begin at 7 p.m.



## Virtual Community Meeting

July 31, 2025



## General Updates



### **General Updates**

- Process update
- Pipeline updates



# Environmental Updates



### **Environmental Updates**

- Recovery wells installation, investigation/studies
- Product recovery
- Monitoring wells
- Additional soil investigation
- Sub-slab soil gas sampling

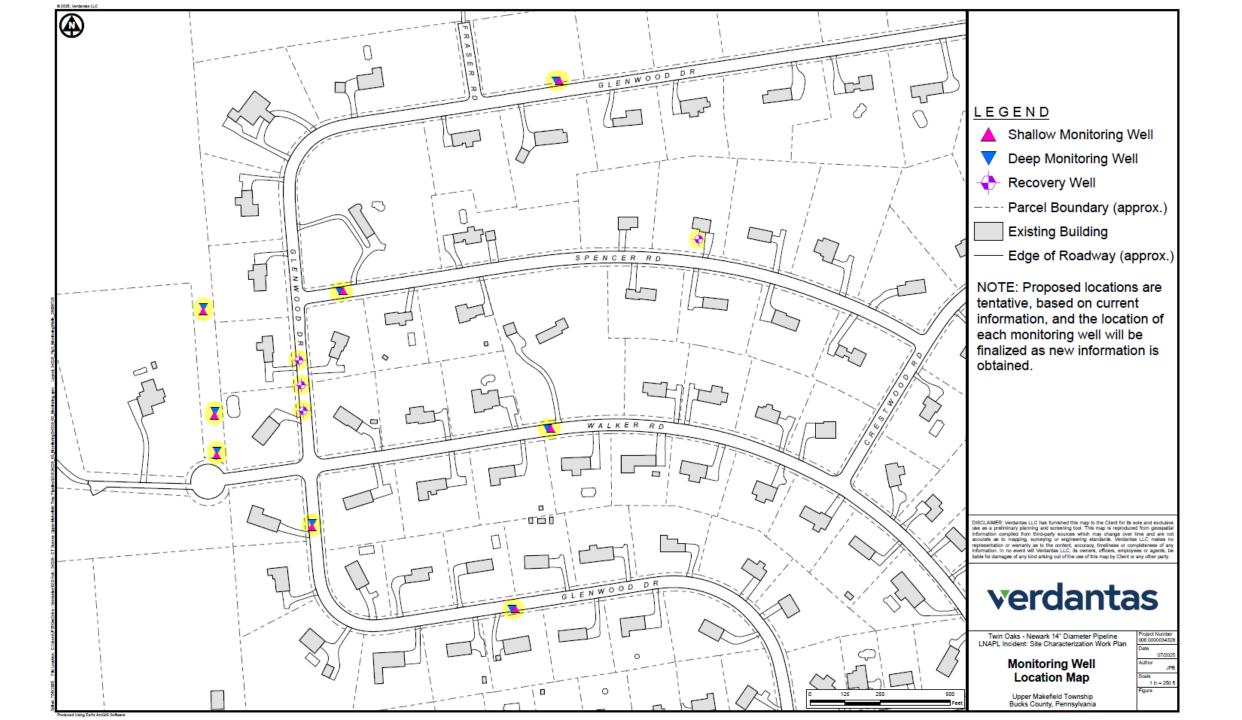




UPPE

FER

Upper Makefield Township Bucks County, Pennsylvania



#### Site remediation activities performed

Activity	Gallons Recovered Cumulative
Removed product entrained in soil during excavation	644
Recovered Free Product From Wells	
1XX Glenwood Dr	10
1XX Glenwood Dr	13
1XX Spencer Rd	3
1XX Spencer Rd	14
1XX Walker Rd	115
RW-1	0
RW-2	100
RW-3	62
RW-4	0
Total Free Product Recovered From Wells	315
Product Recovered Grand Total	959

### **Environmental Updates**

- Revised Site Characterization Work Plan
- Act 2 report: Interim Site Characterization Report
- 90-day Remedial Action Progress Report



### **Geophysical/Remote Sensing Investigation**

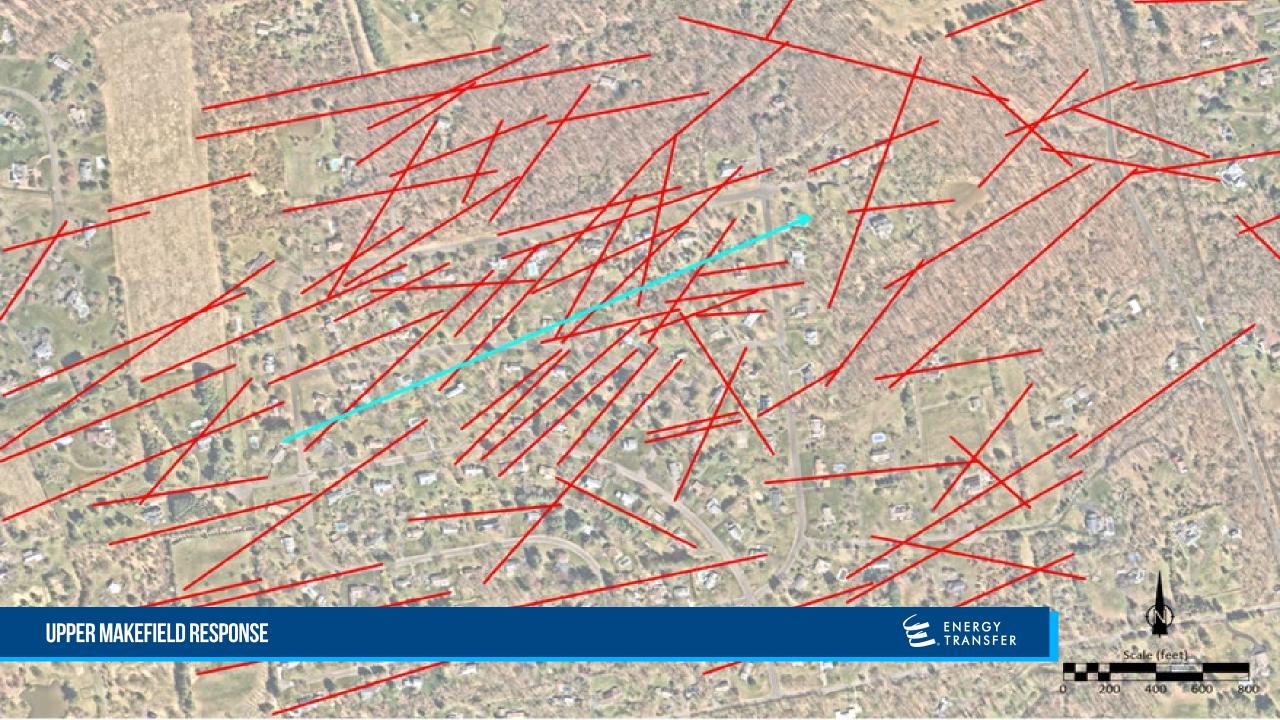
- Literature Review
- Remote Sensing/Aerial Analysis
- Electrical Resistivity Imaging
- Seismic Profiling
- Borehole Logging and Imaging

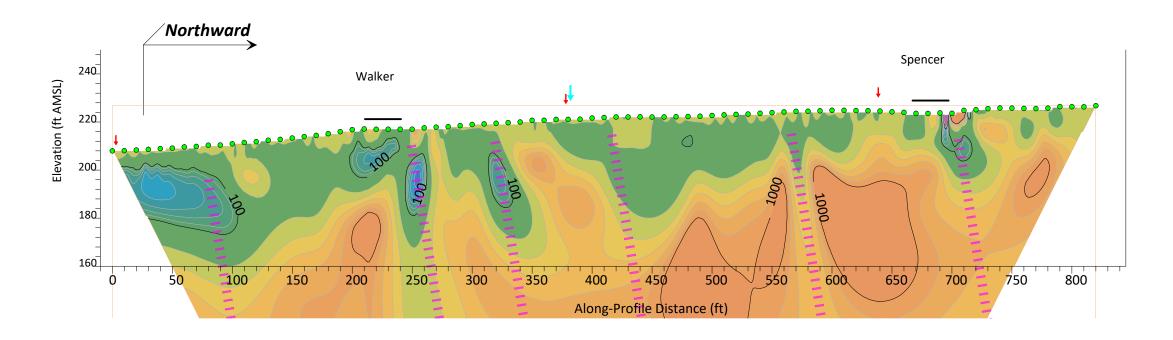


#### The Lockatong Aquifer (from PA and US Geologic Survey Reports)

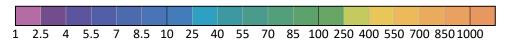
- Little primary porosity and permeability. Instead, water resides and moves along bedrock fractures.
- One fracture set is parallel to bedding, striking roughly North 50° East and dipping approximately 10° Northwest. These fractures reportedly dominate at shallow depths.
- A second fracture set, dominant at greater depths, has the same strike and a near-vertical dip.
- Groundwater flow is reportedly controlled more by the presence and orientation of these fractures than by water elevation and pressure.
- Wells in the Lockatong tend to tap multiple fractures, each of which may have different hydraulic head.
- Wells along strike are hydraulically connected. Those separated across strike tend to be unconnected even if the hydraulic gradient is strong. Pumping wells develop a drawdown cone that is highly elongated parallel to strike.



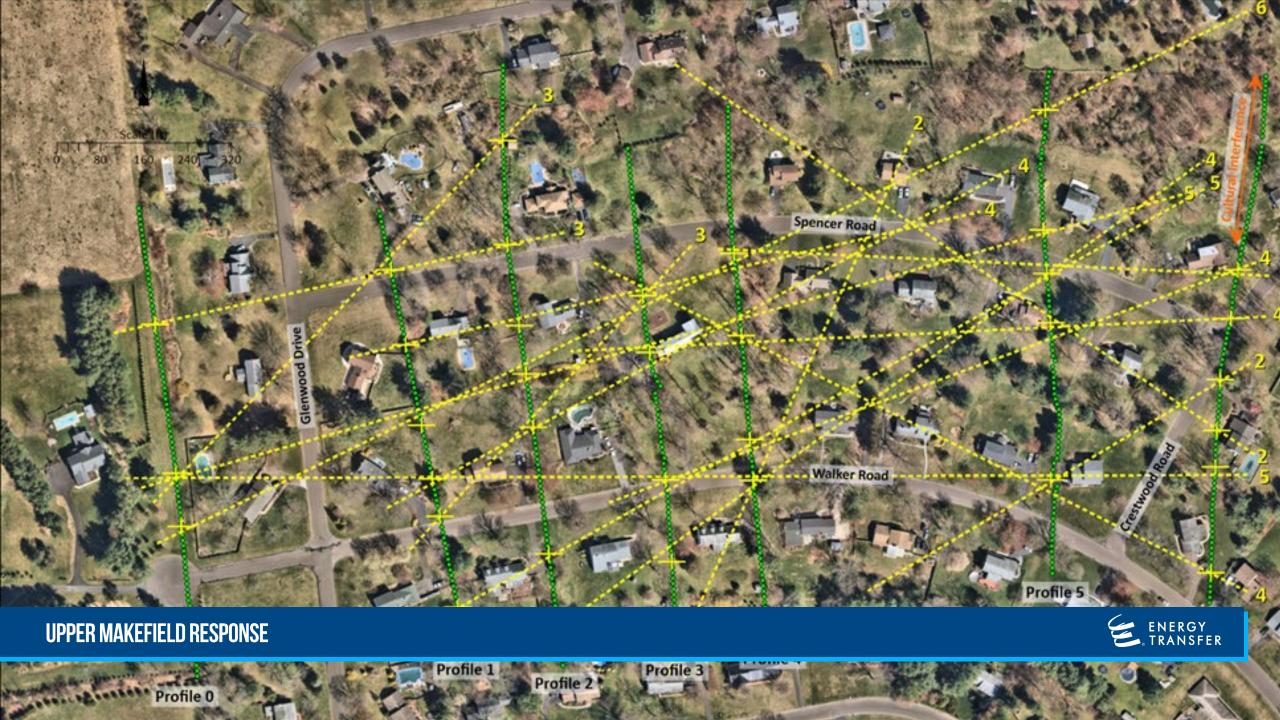


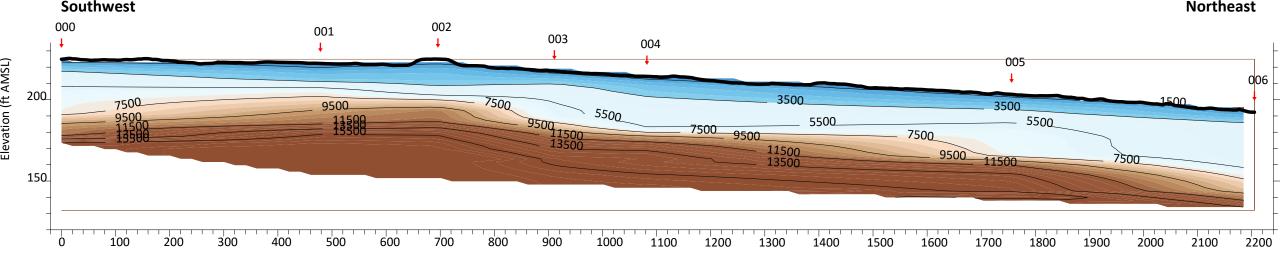


#### Electrical Resistivity (Ohm<sup>·m</sup>)



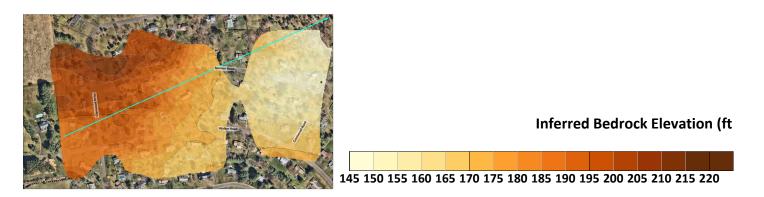




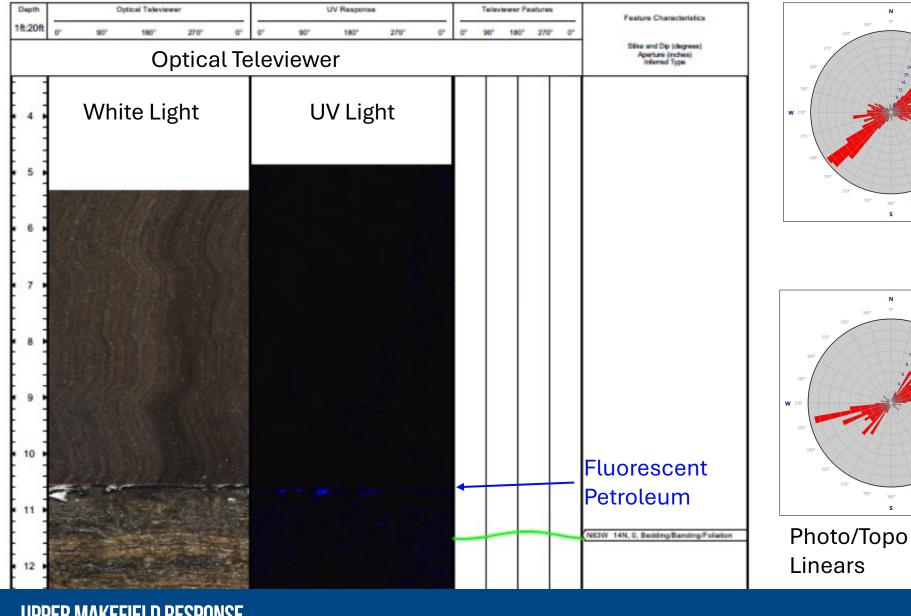


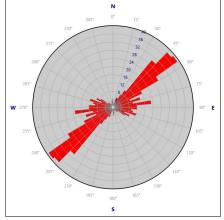
#### Relative P-Wave Velocity (fps)



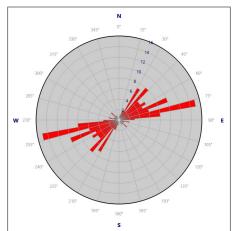


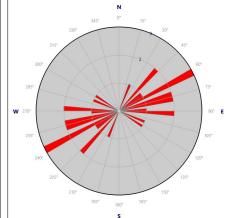






Planar Features from Borehole Logs





**ERI Fracture** Traces



## Q&A



1-877-397-3383
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