

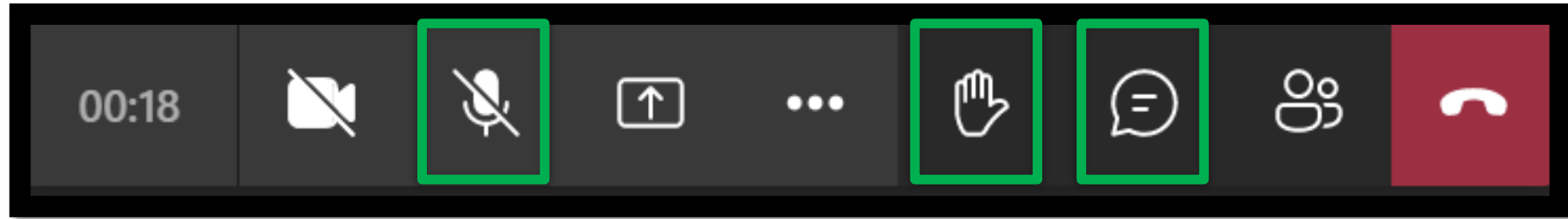
Moyers Landfill Superfund Site

2 Moyer Road

Lower Providence Township

www.epa.gov/superfund/moyers

Teams Controls



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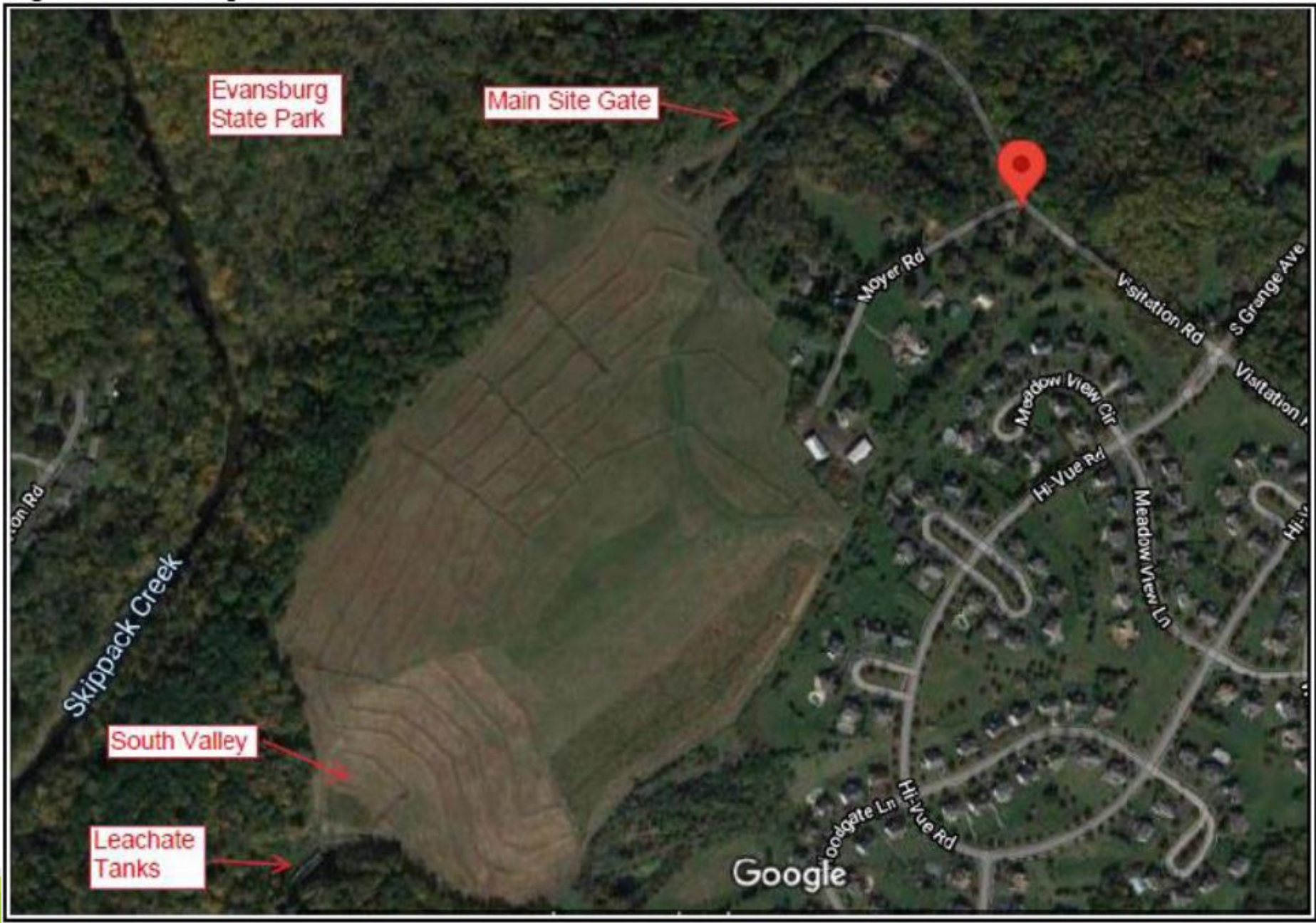


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Site History

Active from 1940-1981

Moyers accepted municipal waste, sewage sludge, industrial wastewater treatment sludges, and general industrial wastes.

Remedy

- Listed on the National Priorities List in 1983
- 1985 Record of Decision:
 - Construction of landfill cap (1994)
 - Gas venting and monitoring;
 - Leachate collection and treatment.
 - Operation and Maintenance of the remedy.
- Contaminants of concern: Metals and Volatile Organic Compounds (VOCs)



Current Status

- Operations and Maintenance transferred to PADEP in 1998
- On-site leachate system and construction completed in 2002
- Deleted from the National Priorities List in 2014
- Discontinuation of groundwater sampling and ambient air sampling in 2017
- Most recent Five-Year Review was signed in May 2022



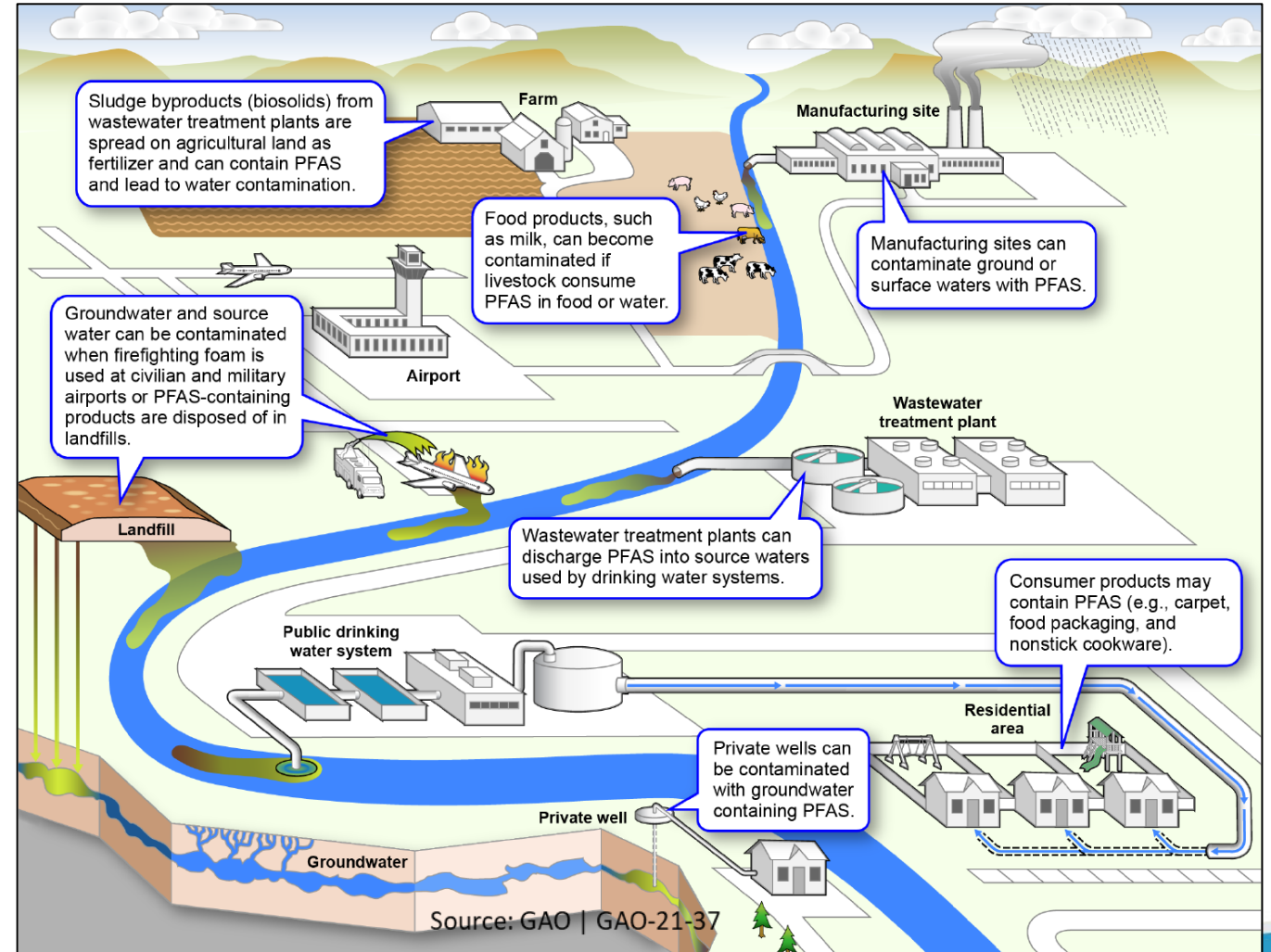
Ongoing Operation and Maintenance

- Site Inspections: monthly and after significant storms
- Leachate Collection System: maintenance, monthly discharge monitoring and reporting
- Sampling:
 - Leachate sampling every 2 years
 - Methane gas readings every 5 years



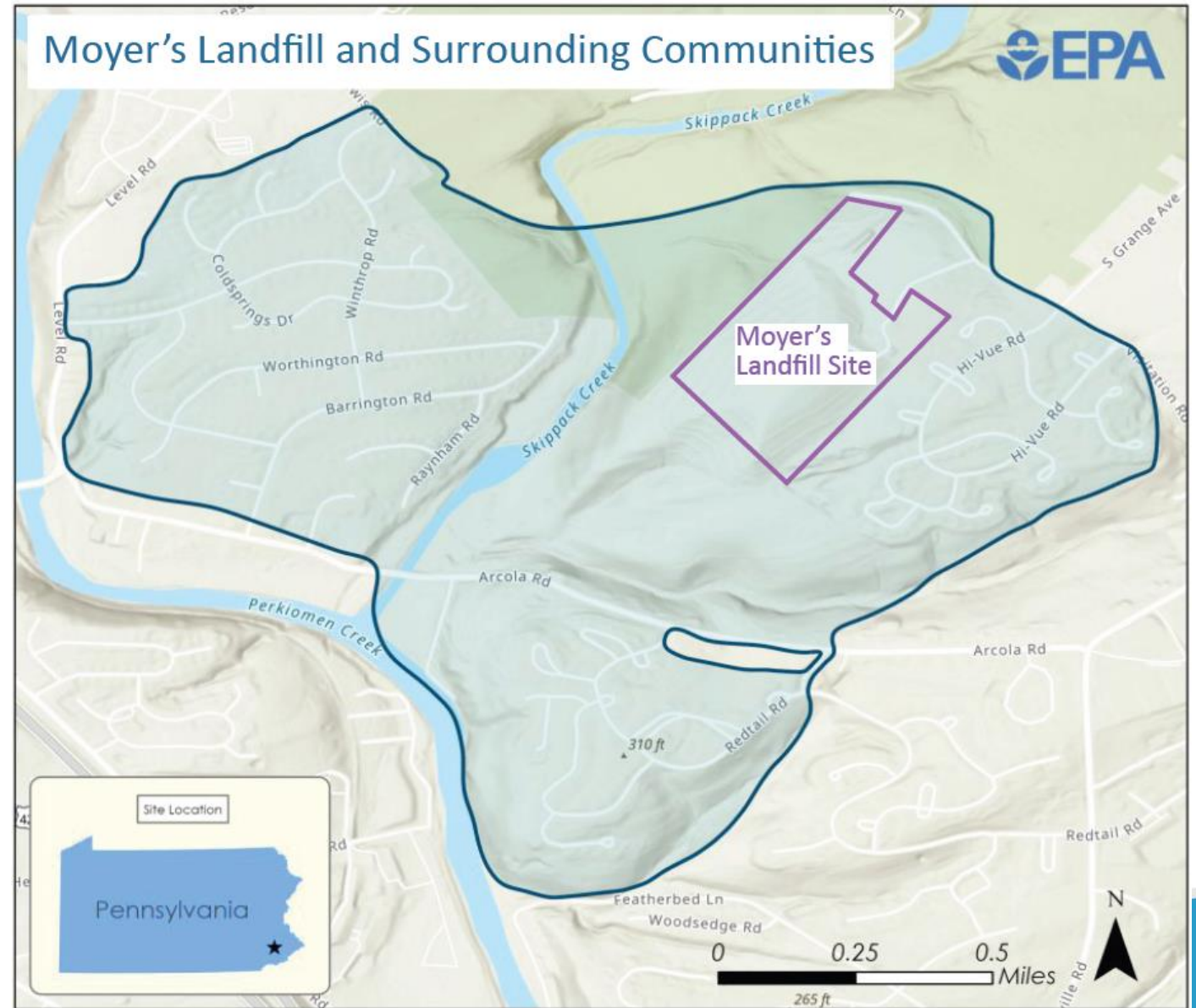
PFAS found in Leachate in 2022

- PADEP had three PFAS leachate sampling events in summer/fall 2022
- Highest value found for PFOA:
 - 1400 ng/L
- Highest value found for PFOS:
 - 69 ng/L



2023 Outreach and Sampling

- Residents closest to the landfill notified of PFAS in leachate in January and February 2023
- EPA went door-to-door in February, March, and June
- Samples collected May 1 - 3 from private residential wells in study area
 - 15 homes participated
- 6 samples collected from the streams around the landfill
 - Skippack and Eagleville Run



May 2023 Sample Results

Preliminary residential well results received the afternoon of June 1, 2023

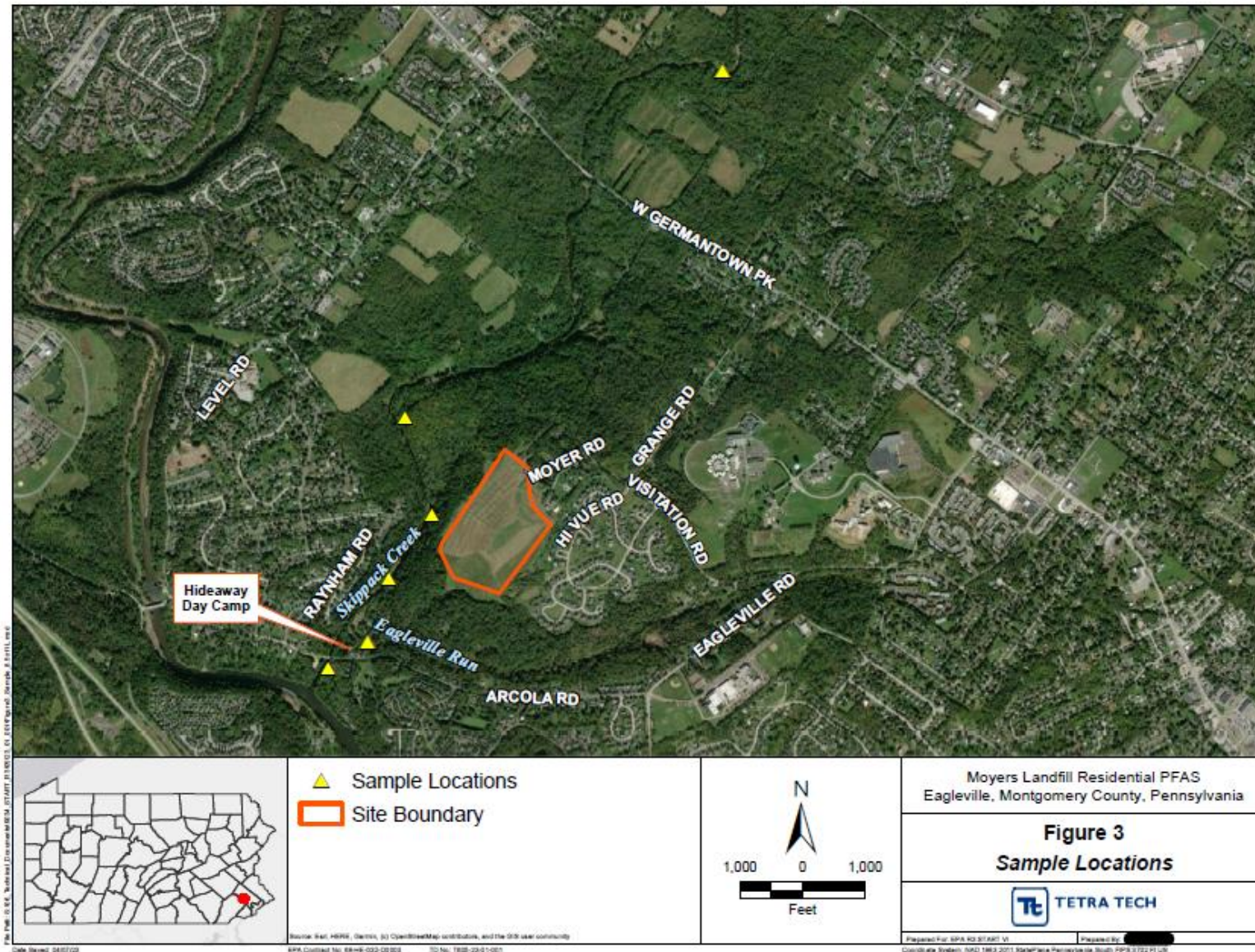
- 15 residential wells were sampled
- 9 exceeded PADEP and/or EPA action levels
- Residents with PFAS exceedances notified June 2
- Impacted residents received bottled water June 2
 - Weekly deliveries until filtration systems are installed



May 2023 Sample Results

Some of the preliminary surface water results were received June 19, 2023

- No exceedances for PFOA or PFOS above PADEP MCLs or EPA RMLs
- Background sample and samples around landfill are similar
 - 5.0 ppt background (PFOA)
 - 5.3, 6.6, 6.0 ppt around landfill (PFOA)



Actions

- Results letters will be sent out to sampled homes once the review is completed
- EPA went door-to-door on June 8 to request access to sample additional homes
- EPA will work with impacted homes to install water filter systems
 - Approval process is in the works
 - EPA maintains filter systems
 - Homes will be sampled again pre-installation and post-installation



Next Steps

1. Determine the source of the PFAS

- Install monitoring well sets around the landfill

2. More investigations may follow along the Superfund process:

- Installation of monitoring well networks with multiple rounds of sampling
- Additional sampling possible in creeks, soils may be included

3. If the landfill is the source, long-term remedy will be decided in the Record of Decision



epa.gov/Superfund/Moyers

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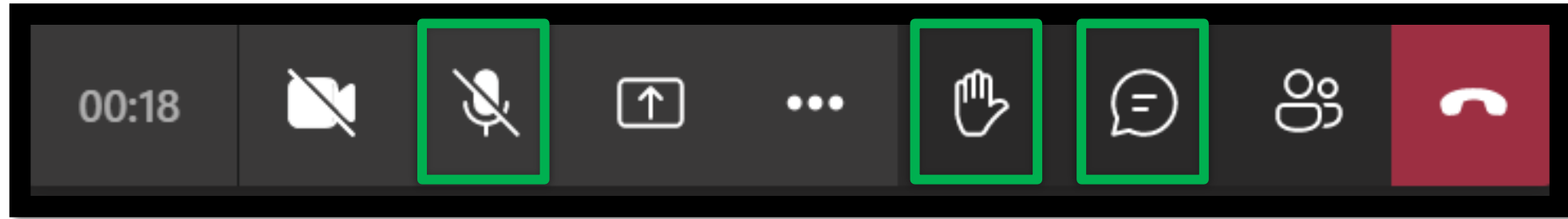
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