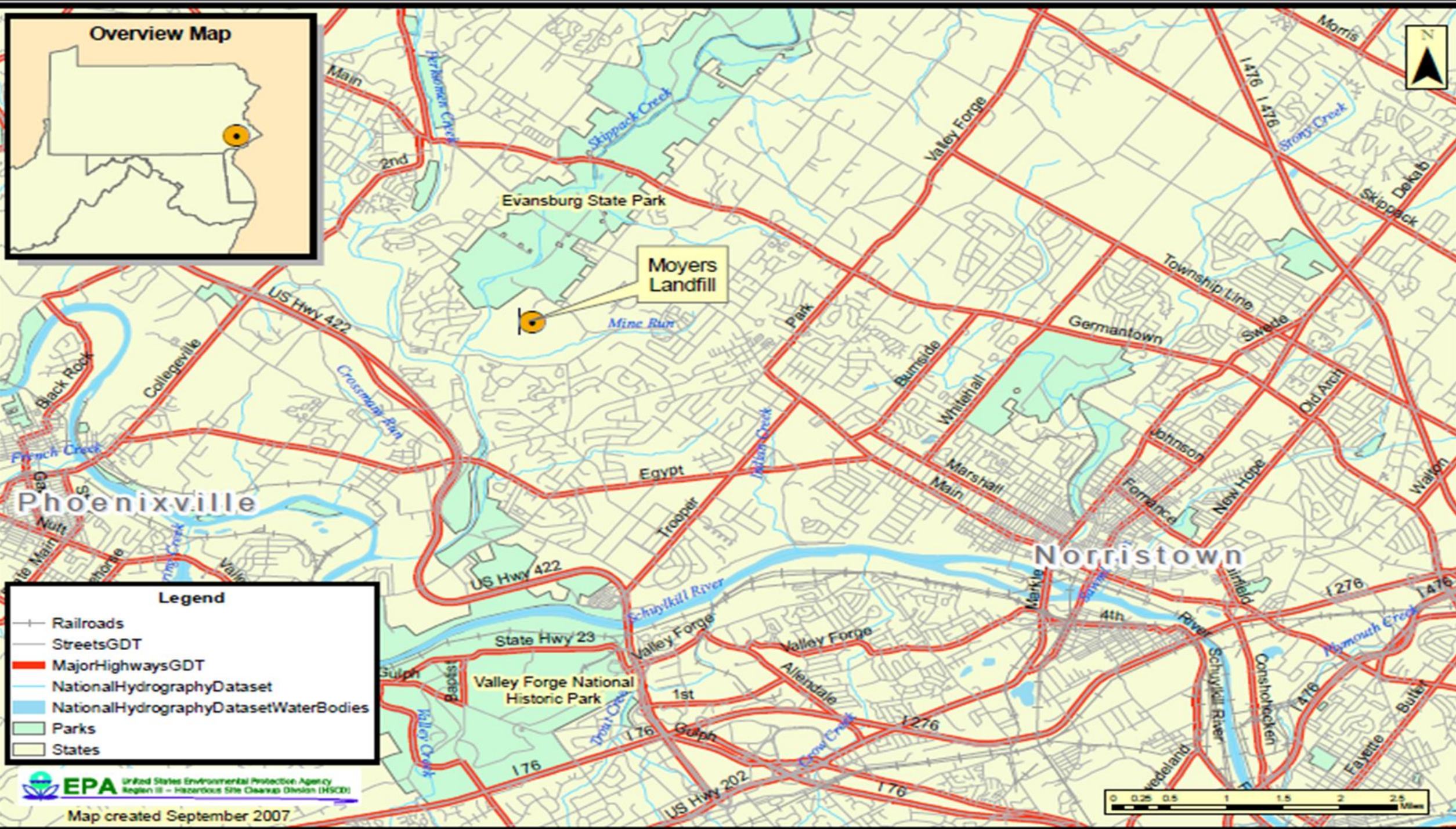


# Moyers Landfill Superfund Site

2 Moyer Road

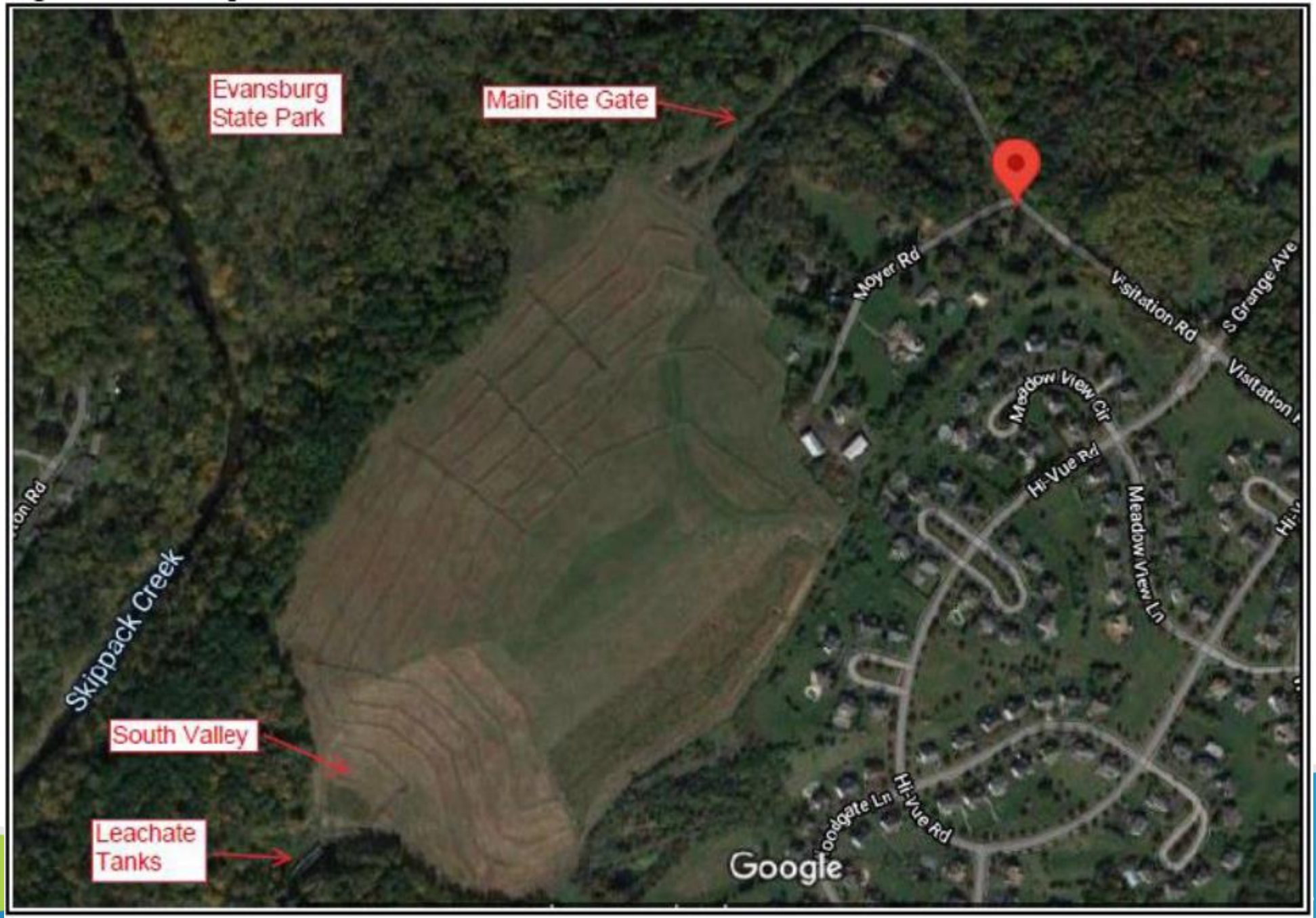
Lower Providence Township







Site:





# Site History

Active from 1940-1981

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



## Listed on the National Priorities List in 1983

- Metals and Volatile Organic Compounds were identified as contaminants of concern.
- On and off-site groundwater, leachate, soil, and surface water (Skeppack Creek) were contaminated
- Contamination migrated at the landfill into groundwater from surface water passing through
- The deeper groundwater was not contaminated.



# Remedy:

## 1985 Record of Decision:

- Construction of an impermeable landfill cap;
- Gas venting and monitoring;
- Surface water collection and discharge to Skippack Creek;
- Security/fencing measures;
- Leachate collection and on-site treatment.
  - Discharged to Skippack
- Operation and Maintenance of the remedy





## Changes to the Remedy Since 1985:

- In 2000, EPA issued a formal change to the ROD to change leachate treatment to off-site at the Oaks Wastewater Treatment Plant.
- Another modification was issued in 2009 to implement site restrictions.



## Current Status:

- Landfill Cap completed in 1994
- O&M transferred to PADEP in 1998
- On-site leachate system completed in 2002
- Construction completion was achieved in August 2002
- Deleted from the NPL in 2014
- Discontinuation of groundwater sampling and ambient air sampling in 2017
- O&M is ongoing





# Ongoing Operation and Maintenance:

- Maintenance: grass cutting, fence repairs, erosion repairs
- Site Inspections: monthly and after significant storms
- Leachate Collection System: maintenance, monthly discharge monitoring and reporting
- Sampling:
  - Leachate sampling every 2 years
  - Methane gas sampling every 5 years





# Maintenance Activities Since 2021:

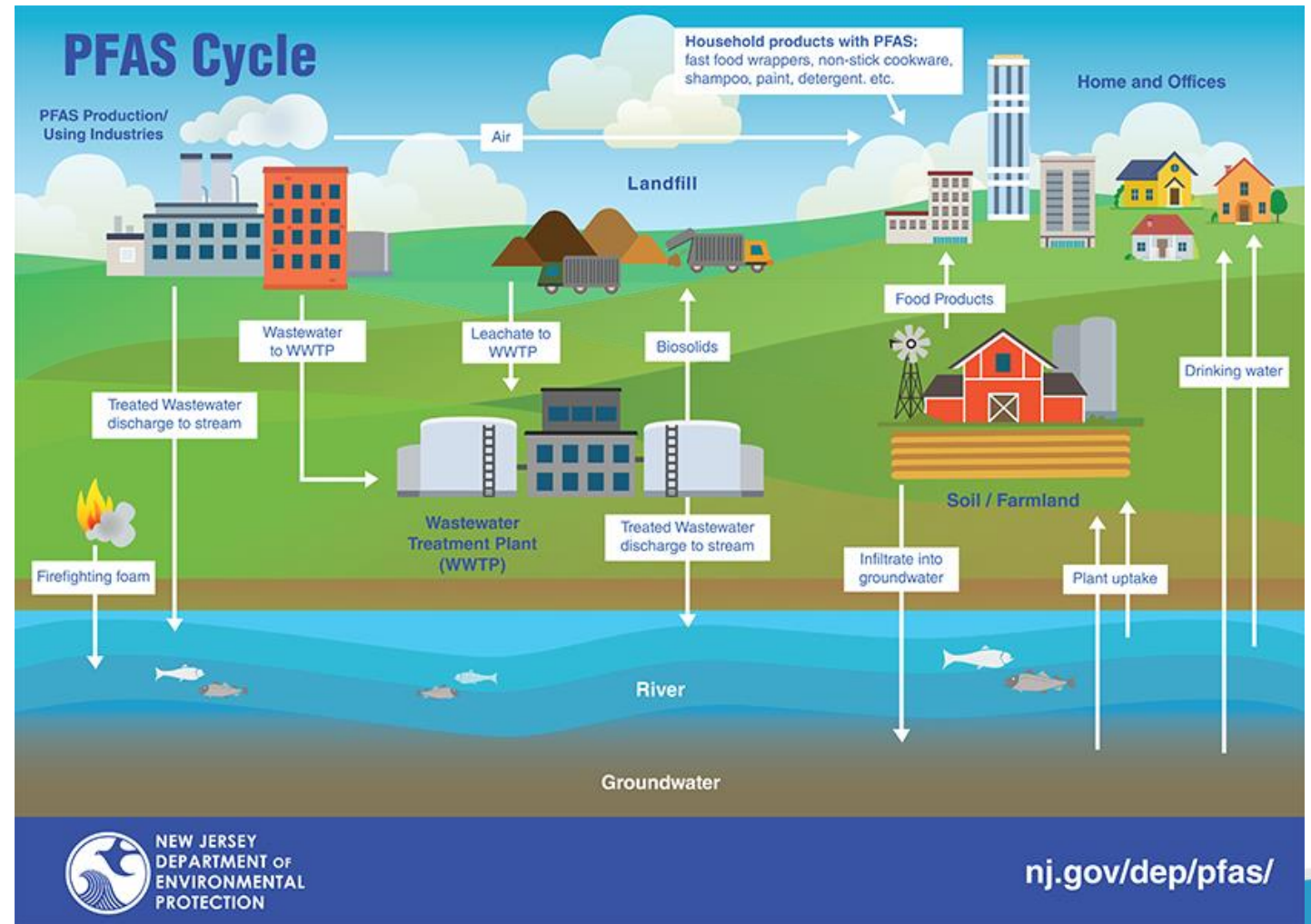
- Spring 2021- Leachate collection system and access road maintenance
- Sept 2021- Hurricane Ida impacts access road and swales on down gradient property
- Jan 2022- Erosion repairs and preventative measures installed
- Aug 2022- Leachate collection system pump repairs
- Jan/Feb 2023- Review of remaining erosion impacts to down gradient property from Hurricane Ida
  - Additional repairs expected in 2023





# PFAS found in Leachate:

- PADEP had three PFAS leachate sampling events in summer/fall 2022.
- Highest value found for PFOA:
  - 1400 ng/L
  - PA MCL of 14 ng/L
- Highest value found for PFOS:
  - 69 ng/L
  - PA MCL of 18 ng/L



# Private Drinking Water Activities by EPA:

- Residents around the landfill have been notified
- Mailers were sent out to homes immediately around Moyers in January and February 2023.
- EPA went door to door in the community on February 28, 2023 to talk to residents
- Looking at May-June sampling timeline.
- If PFAS is found in private drinking water, PADEP/EPA will ensure residents have a clean source of drinking water







[epa.gov/Superfund/Moyers](https://epa.gov/Superfund/Moyers)

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