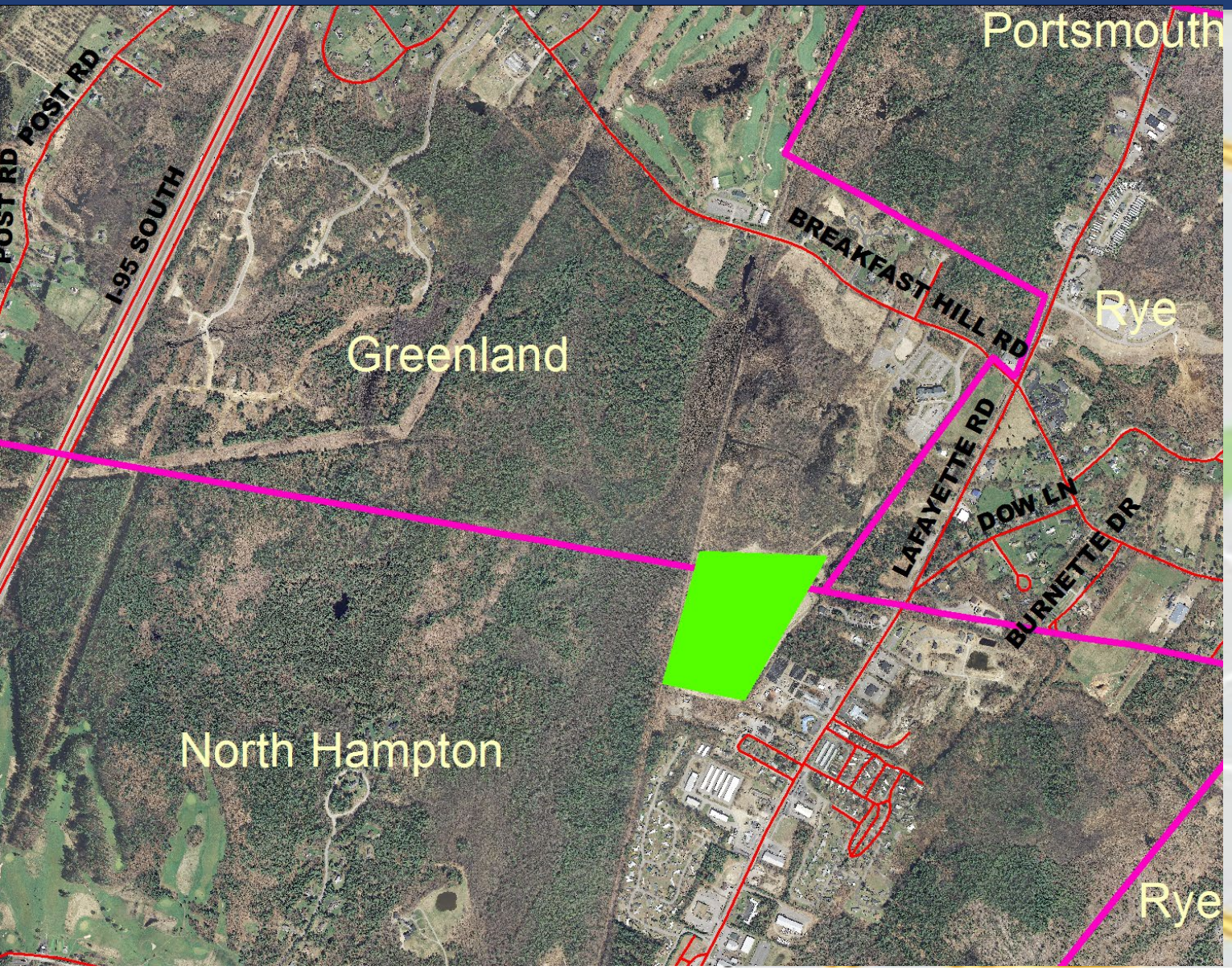
Coakley Landfill

2026 Update

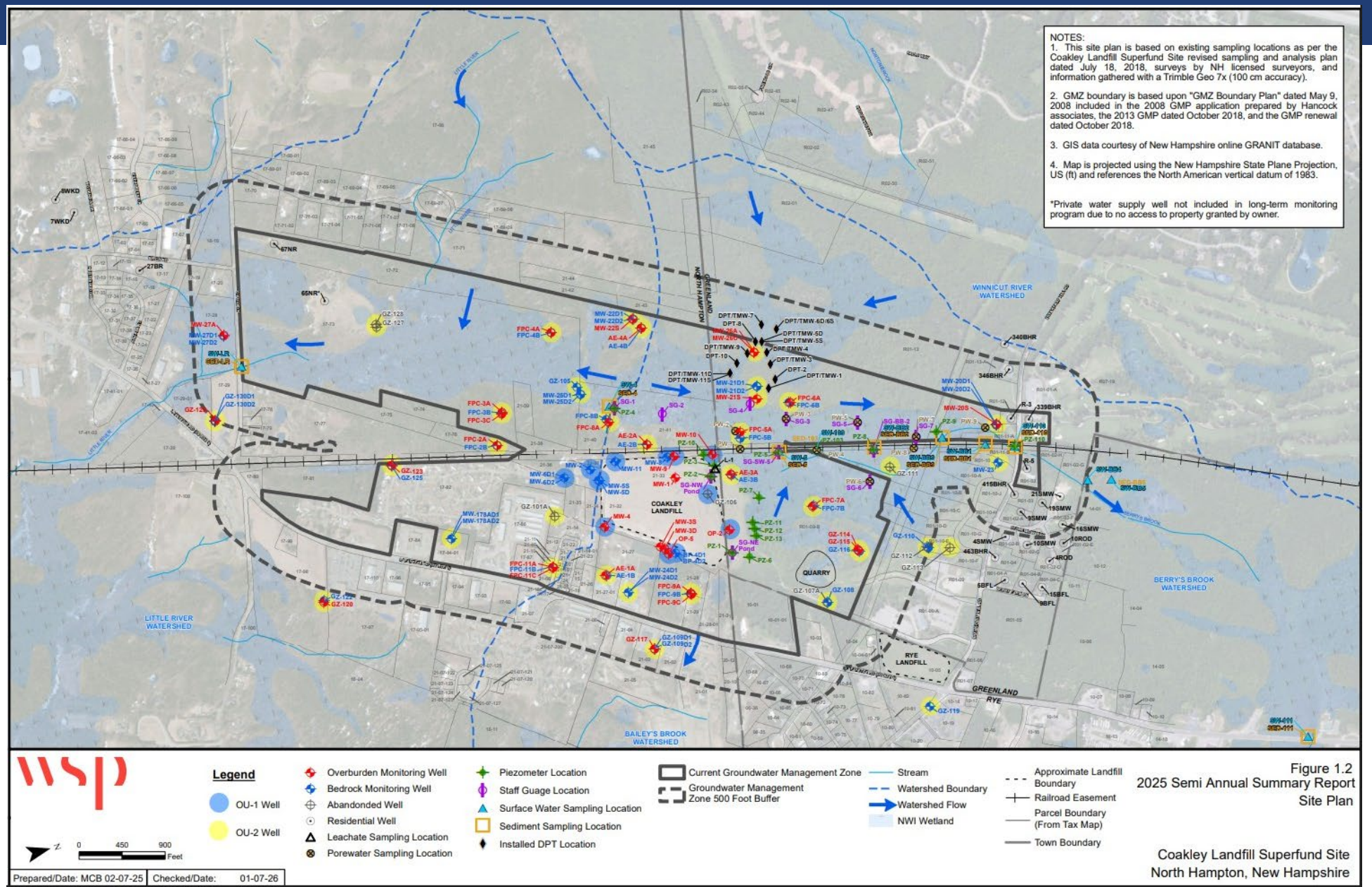


Capped Landfill

This is the 27 acre fenced in area of the Coakley Landfill in North Hampton and Greenland, NH

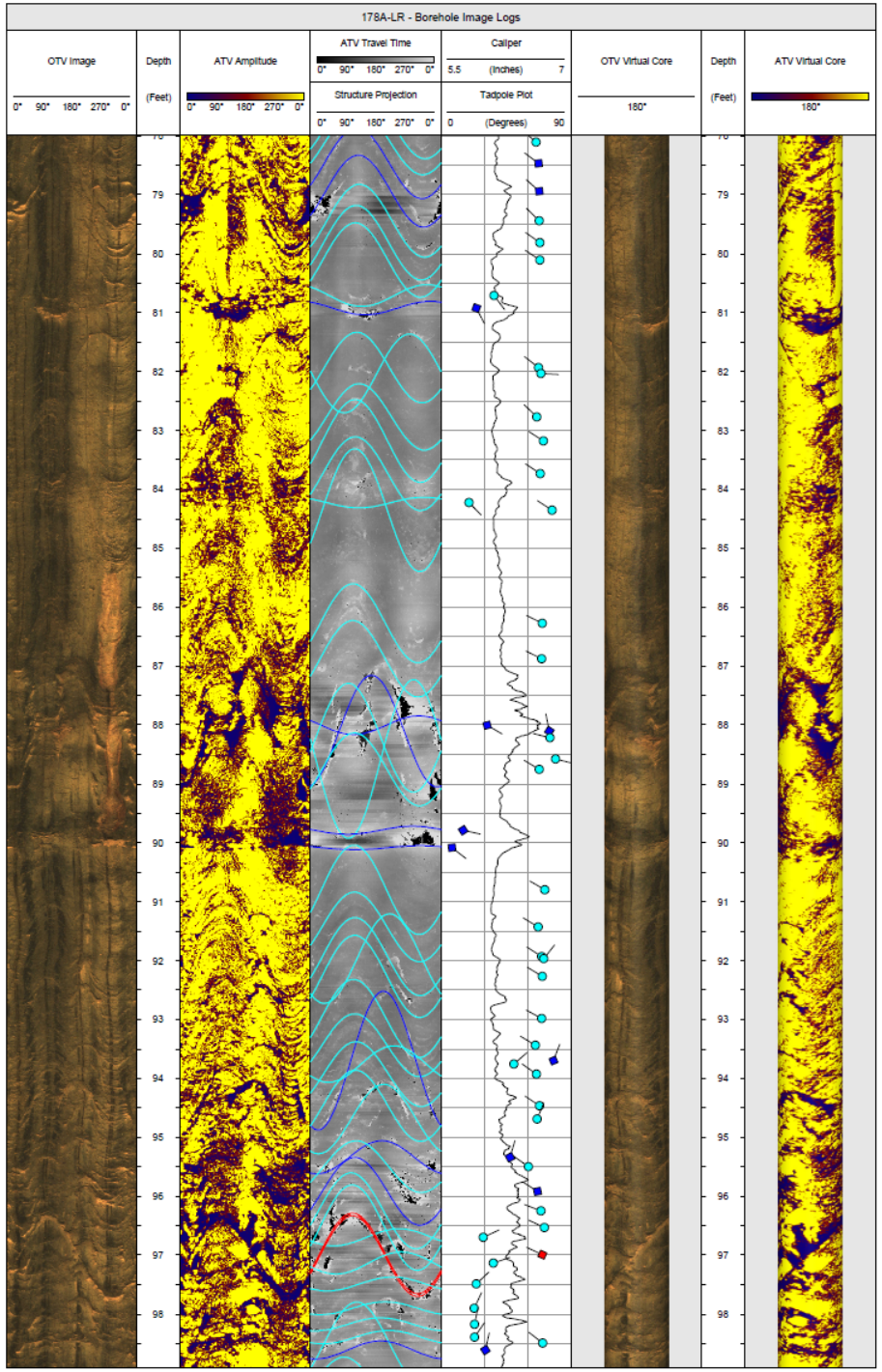
Coakley Groundwater Management Zone (GMZ)

Long-Term Monitoring Program



Well Installation

Downhole Geophysics



Pump Test

Pump Test Filters

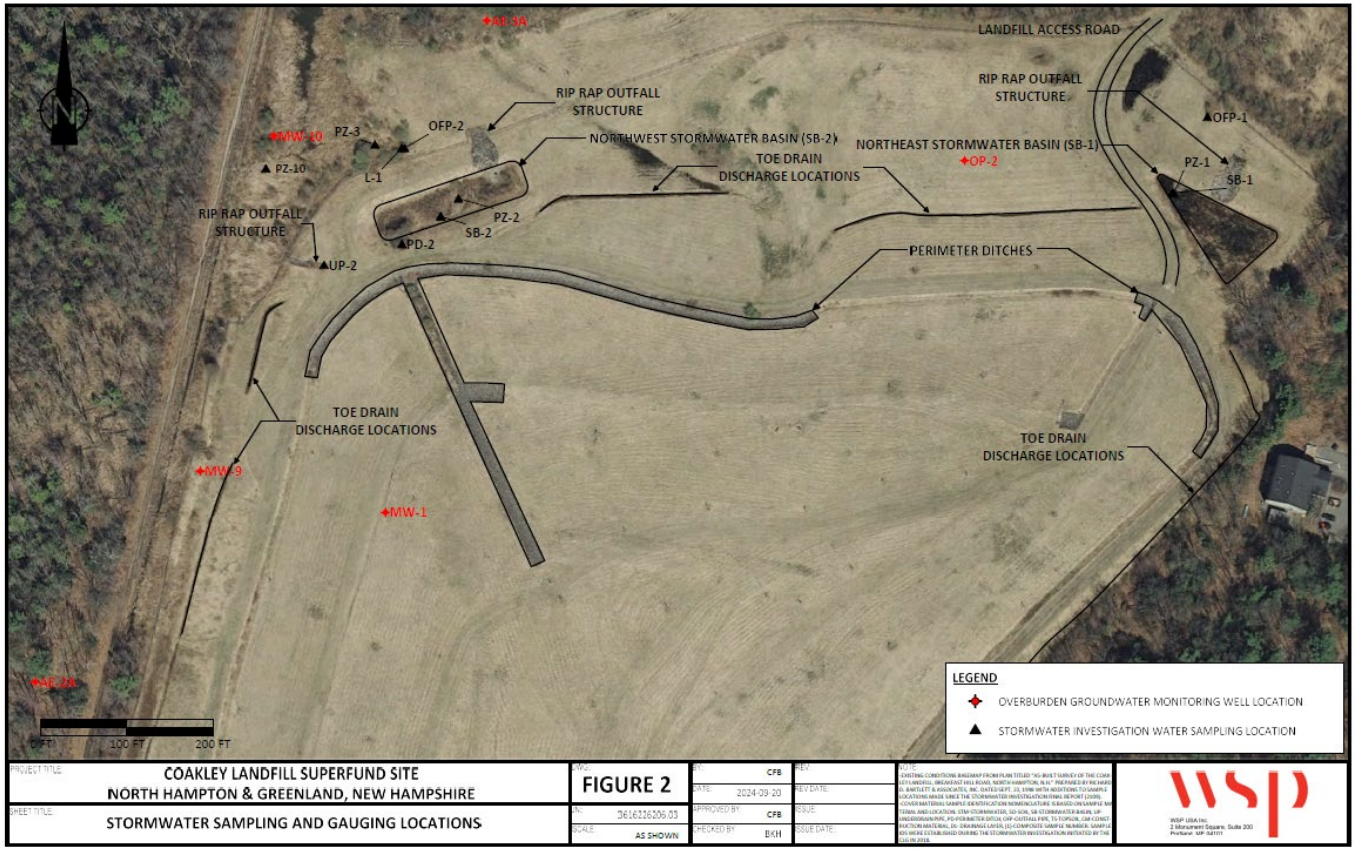
Surface Water Ground Water Interaction Study

- **Surface Water - Groundwater Interaction**
- **Work Plan –April 2025**

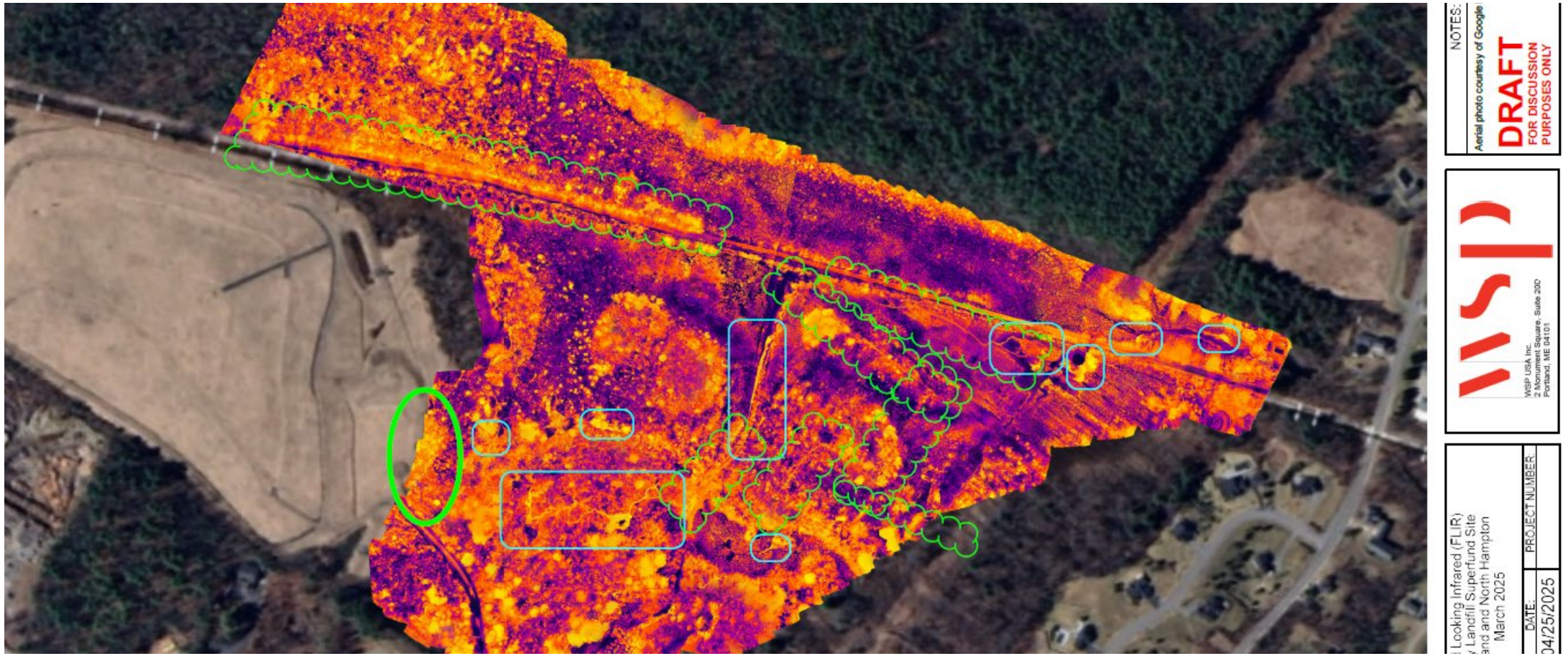
Objectives

1) provide an approach and investigation protocols for the collection and analysis of additional information relative to the migration of contaminants from stormwater and shallow groundwater to Berrys Brook, and

2) refine the conceptual site model (CSM) as it relates to the interaction between surface water, stormwater discharge from the landfill, and shallow groundwater.



Drone Image of Site to Map Surface Water



Site Signage

Non-Time Critical Removal Action (NTCRA) Engineering Evaluation/Cost Analysis (EE/CA)

- In February of 2025 EPA documented the decision to proceed with a NTCRA with an associated EE/CA at the Coakley Landfill.
- According to EPA an EE/CA is necessary to address the release of perfluorooctanoic acid (PFOA), perfluorooctane sulfonate (PFOS), perfluorononanoic acid (PFNA), and perfluorodecanoic acid (PFDA) from the Site to surface water that exceeds EPA acceptable risk levels.
- Specifically, this action is intended to: Reduce or eliminate levels of PFAS contamination migrating from the landfill to groundwater and surface water and ultimately to Berrys Brook and Little River.

Coakley Landfill Superfund Site
North Hampton & Greenland, NH

EPA United States Environmental Protection Agency

U.S. EPA | HAZARDOUS WASTE PROGRAM AT EPA NEW ENGLAND

THE SUPERFUND PROGRAM protects human health and the environment by investigating and cleaning up often-abandoned hazardous waste sites and engaging communities throughout the process. Many of these sites are complex and need long-term cleanup actions. Those responsible for contamination are held liable for cleanup costs. EPA strives to return previously contaminated land and groundwater to productive use.

ENGINEERING EVALUATION/COST ANALYSIS

An Engineering Evaluation/Cost Analysis (EE/CA) is a document that is developed as part of the Non-Time Critical Removal Action (NTCRA) process. It is a report that is developed using environmental sampling, monitoring, and risk evaluation information to establish the nature and extent of contamination and to evaluate options for cleanup at Superfund sites. The EE/CAs are important in the NTCRA process because they help identify priority risks and help move sites more quickly through the Superfund process. EE/CAs generally include the following information:

- A summary of contamination at the Site and past cleanups.
- Identification of areas of contamination that may require cleanup.
- A focused evaluation to determine the extent of risk to receptors.
- Identification of cleanup alternatives to address contamination that creates an unacceptable risk.
- An evaluation and comparison of each cleanup alternative based upon effectiveness, implementability, and cost.
- The recommended cleanup alternative.
- Request for public comment.

KEY CONTACTS

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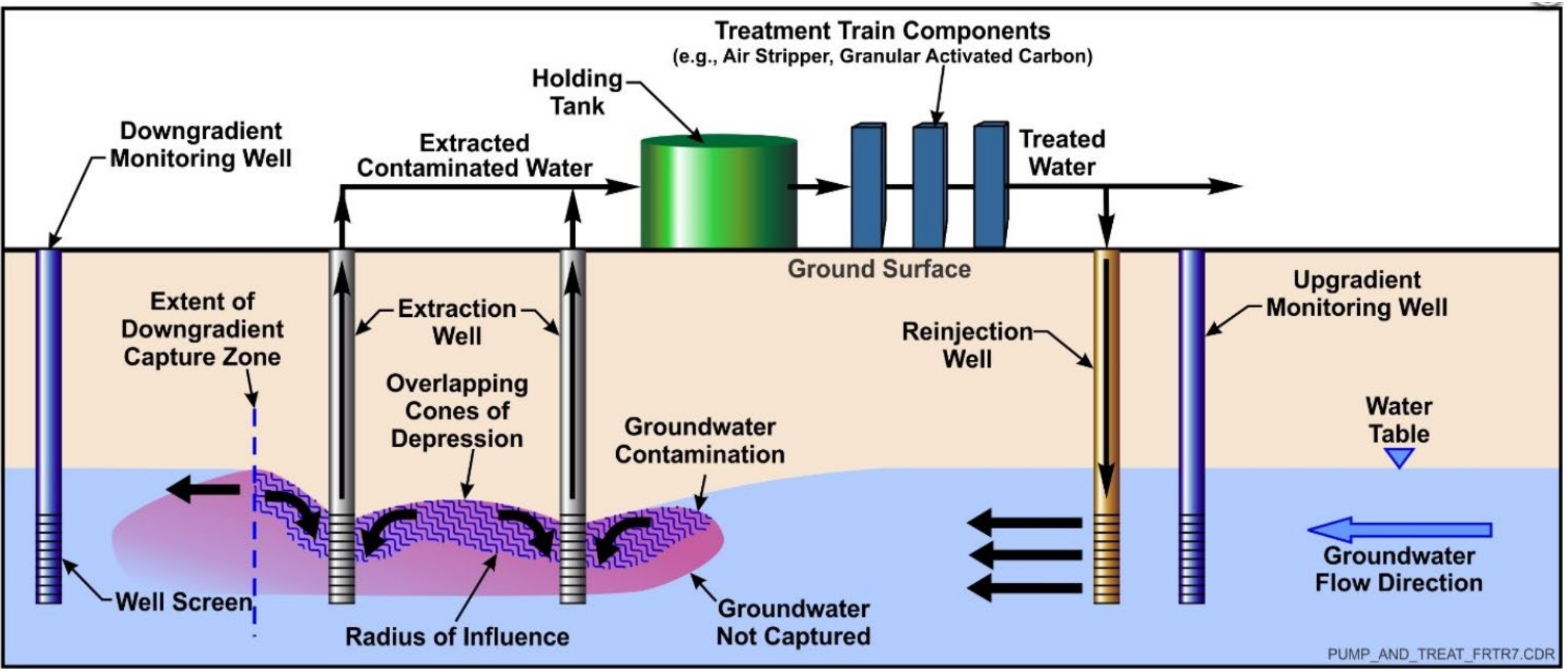
TOLL-FREE CUSTOMER SERVICE

Pilot Treatment Project



Thank You