



**SITE ACTIVITIES SUMMARY: 11/14/22-12/9/22
IN-SITU THERMAL REMEDIATION PROJECT
FORMER SALEM WASTEWATER TREATMENT FACILITY
SARL DRIVE (FORMERLY 346 SOUTH BROADWAY)
SALEM, NEW HAMPSHIRE
NHDES #198405033**

This report identifies work completed during the period from November 14 to December 9, 2022 by GeoInsight, Inc. (GeoInsight) and Thermal Remediation Services (TRS) at the Town of Salem's (the Town's) former Wastewater Treatment Facility (WWTF) located at 346 South Broadway (off SARL Drive) in Salem, New Hampshire (the Site).

WORK COMPLETED THIS PERIOD

- Between November 14 and December 2, 2022, 161 sheet pile electrodes were installed to depths of 18 to 37 feet below the ground surface, using a crane-mounted hammer.
- On November 15, TRS excavated approximately 19 pile head trenches, including 9 locations within the former open channel area. The excavated materials were placed into one stockpile, which includes polychlorinated biphenyl (PCB)-impacted sludge. TRS is coordinating the offsite disposal of the stockpile.
- Between December 5 and December 9, 2022 TRS is cutting electrode lug holes in sheet piles, fabricating electrode cables, and installing vapor recovery screens.
- Between December 6 and December 9, 2022, TRS is backfilling pile head trenches in the former open channel area under the supervision of GeoInsight.



Crane preparing to drive electrode pile.



Pile head trench, with electrode pile installed.



Soil stockpile containing open channel sludge.



Open channel pile head trenches and stockpiles.

NEXT TWO WEEKS

- From December 12 to December 16, 2022, GeoInsight will conduct a 10-foot grid sampling program consisting of approximately 95 soil borings in the former open channel area, for additional characterization of PCB impacts.
- From December 15 to December 21, 2022, GeoInsight will oversee the installation of 16 replacement and new monitoring wells in key treatment-area locations.
- In conjunction with the aforementioned soil boring and well activities, GeoInsight will oversee the installation of eight soil vapor probes and decommissioning of two additional treatment area monitoring wells.
- On December 14, 2022, GeoInsight will install five shallow piezometers at pre-determined locations on the bank of the Spicket River.
- From December 12 to December 23, 2022, TRS will install temperature monitoring probes.
- Backfilling of pile head trenches in areas outside the former open channel is expected to continue during the week of December 12.
- Excavation of vapor recovery piping to the north of the fence is expected to occur during the week of December 12.

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