

UNDERGROUND STORAGE TANK DECOMMISSIONING REPORT

for the property:

**1623 Crescent Drive
Henderson, North Carolina**

UST Capacity and Use: *280-Gallon Heating Oil*
UST Classification: *Non-regulated, non-commercial*

Report prepared by: *Sensible Solutions Environmental, P.C.*
P.O. Box 3074, Chapel Hill, NC 27515-3074

SSE Corporate Cert. Number: *C-418*

SSE Project Number: *22-0921*

Project Manager: *Mark Hosler, L.G.*

Signature: *Mark Hosler*



October 19, 2022



Sensible Solutions **Environmental** P.C.

Residential Storage Tank Closure **336-263-0965**

October 19, 2022

Ms. Melissa Dorsey
1623 Crescent Dr.
Henderson, NC 27536

RE: Tank Decommissioning Report
 1623 Crescent Drive, Henderson, NC Property
 SSE Project Number: 22-0921

Dear Ms. Dorsey,

On October 19, 2022, the heating oil underground storage tank (UST) on the property referenced above was permanently decommissioned. The centerline of the 280-gallon tank was located parallel to the sidewalk and approximately 3.25 feet from the foundation of the house, as shown in the attached photograph. The top of the UST was about 1.25 foot below ground surface; the bottom at a depth of about 4.25 feet. The tank contained approximately 120 gallons of water, observed to be relatively free of oil sheen and petroleum odor. Because the UST was a non-regulated tank, removal was not required. In-place decommissioning was deemed the most cost-effective and practical method for tank closure.

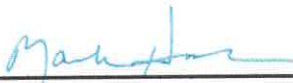
The attached photographs record the in-place decommissioning of the tank. The fill and vent pipes were removed from the UST. Red Star Oil, of Raleigh, North Carolina, provided an industrial vacuum tanker for fluid recovery and disposal. An industrial-strength degreaser and tap water were used to enhance the removal of any oil residue remaining inside the UST. After cleaning, the UST was filled with an environmentally-safe, expanding tri-polymer foam designed specifically for the filling of petroleum USTs. Once the tank was completely filled with foam, the fill and vent pipe ports were sealed with concrete. Lisbon Maintenance Company, of Garland, North Carolina, provided the foaming service.

A copy of this tank closure report should be kept on file by you and subsequent owners of the property for future use.

Ms. Melissa Dorsey
October 19, 2022
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Report Certification

I, Mark Hosler, a Licensed Geologist (#1569) for Sensible Solutions Environmental, P.C., do certify that the information contained in this report is correct and accurate to the best of my knowledge and that Sensible Solutions Environmental, P.C. is licensed to practice geology in North Carolina, as pertaining to compliance with petroleum storage tank closure, under corporate certification number C-418.



October 19, 2022

Seal:



Mark Hosler, NC Licensed Geologist No. 1569, SSE President

P.O. Box 3074, Chapel Hill, North Carolina 27515-3074
mark.hosler.sse@gmail.com

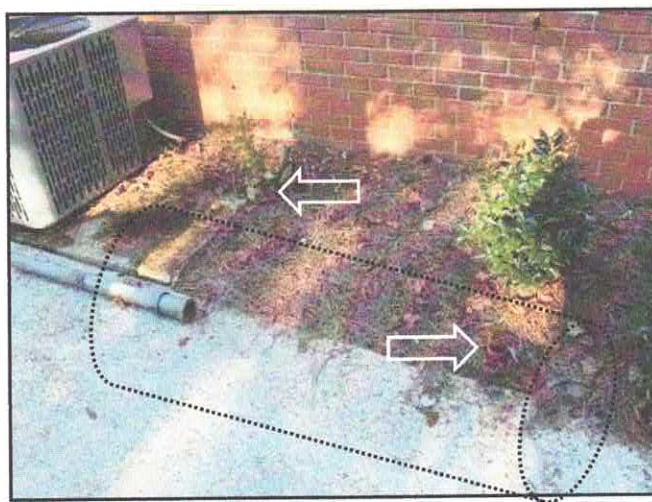
Project Photographs



Sensible Solutions **Environmental** P.C.

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UST Decommissioning at 1623 Crescent Drive, Henderson, NC
October 19, 2022



The 280-gallon UST was located behind the house, as shown above.
The fill (right arrow) and vent (left) pipes were removed.

An industrial vacuum tanker was used to remove the water and cleaning fluid for disposal at a permitted facility.



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A concentrated industrial degreaser was used to enhance the removal of any remaining oil residue.

An environmentally-safe, expanding tri-polymer foam, designed specifically for the in-place decommissioning of petroleum USTs, was injected into the UST through the fill pipe port. The foam continued to expand out of the port until the port was sealed with concrete.



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Photo shows that the foam expands to completely fill a tank (above ground tank cut in half) and that it has the strength to support the overlying soil once the shell of the tank rusts away.

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