

UST Permit Name: Out Store UST Permit #: 2128
Date Release Reported: 6/30/1993 Project Manager: Guinevere Brown
Priority Class: 2BB County: Chester

Date of Last Sampling: 12/30/2024 Contractor: Bunnell-Lamons Engineering, Inc.

Date of Assessment Activities Completed: 12/8/2000

of Sampling Events Completed: 24

Groundwater Velocity (ft/yr): 15 Groundwater Flow Direction: Southeast

Depth to Groundwater 4.68' Soil Lithology: Sand

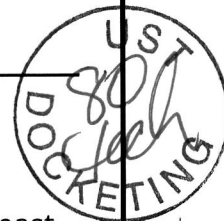
Distance to the Nearest Receptor 200'

Type of Receptor? Underground Utilities

Zoning Info Commercial **Estimated** Time to RBSL 15.3 years

Is the CoC Plume Defined (Yes/No)? Yes

Is the CoC Plume Stable (Yes/No)? Yes



Additional Comments:

The following items are attached: Table with current CoC concentrations, Table with SSTLs, Site Map, Tax Map, Tax Map Table, Current zoning information

Project Manager: 

Date: 5/12/2025

UST Facility Name: Our Store
 UST Permit #: 2128

Table of CoC Concentrations in Groundwater at time of ICAP Development

CoC concentrations in parts per billion (µg/l) based on (date) sampling:

Well	Benzene	Toluene	Ethylbenzene	Xylenes	Naphthalene	MtBE	EtBE	1,2 DCA
MW-1	2,320	4,980	1,330	8,250	515	104	0.9	<50.0
MW-2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.021	<1.0
MW-3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.021	<1.0
MW-4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.021	<1.0
MW-5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.021	<1.0
MW-6	Inaccessible							
MW-7	65.2	197	89.7	795	39.5	<2.5	0.6	<2.5
MW-9	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.022	<1.0
MW-10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.022	9.7
MW-11	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.022	<1.0
MW-12	<1.0	<1.0	<1.0	<1.0	<1.0	1.8	<0.022	<1.0
MW-13R	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.022	<1.0
MW-14	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.022	<1.0
MW-15	Denied Access							
MW-16	Denied Access							
MW-17	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.022	<1.0
MW-18	<1.0	<1.0	<1.0	<1.0	<1.0	2	<0.021	<1.0
MW-20	<1.0	<1.0	<1.0	<1.0	<1.0	4.7	<0.021	<1.0
TW-1	2.4	<1.0	13.9	5.7	8.8	<1.0	<0.021	<1.0
TW-2	<1.0	<1.0	<1.0	<1.0	<1.0	1.6	<0.021	<1.0
TW-3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.021	<1.0
TW-4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.021	<1.0
TW-5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.021	<1.0
TW-6	<1.0	<1.0	<1.0	<1.0	<1.0	3.9	<0.0049	<1.0
TW-7	<1.0	<1.0	<1.0	<1.0	<1.0	15.9	<0.021	<1.0
WSW	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NT	<1.0

NOTE: CoC concentrations may vary due to seasonal fluctuations in the groundwater

Table of SSTLs

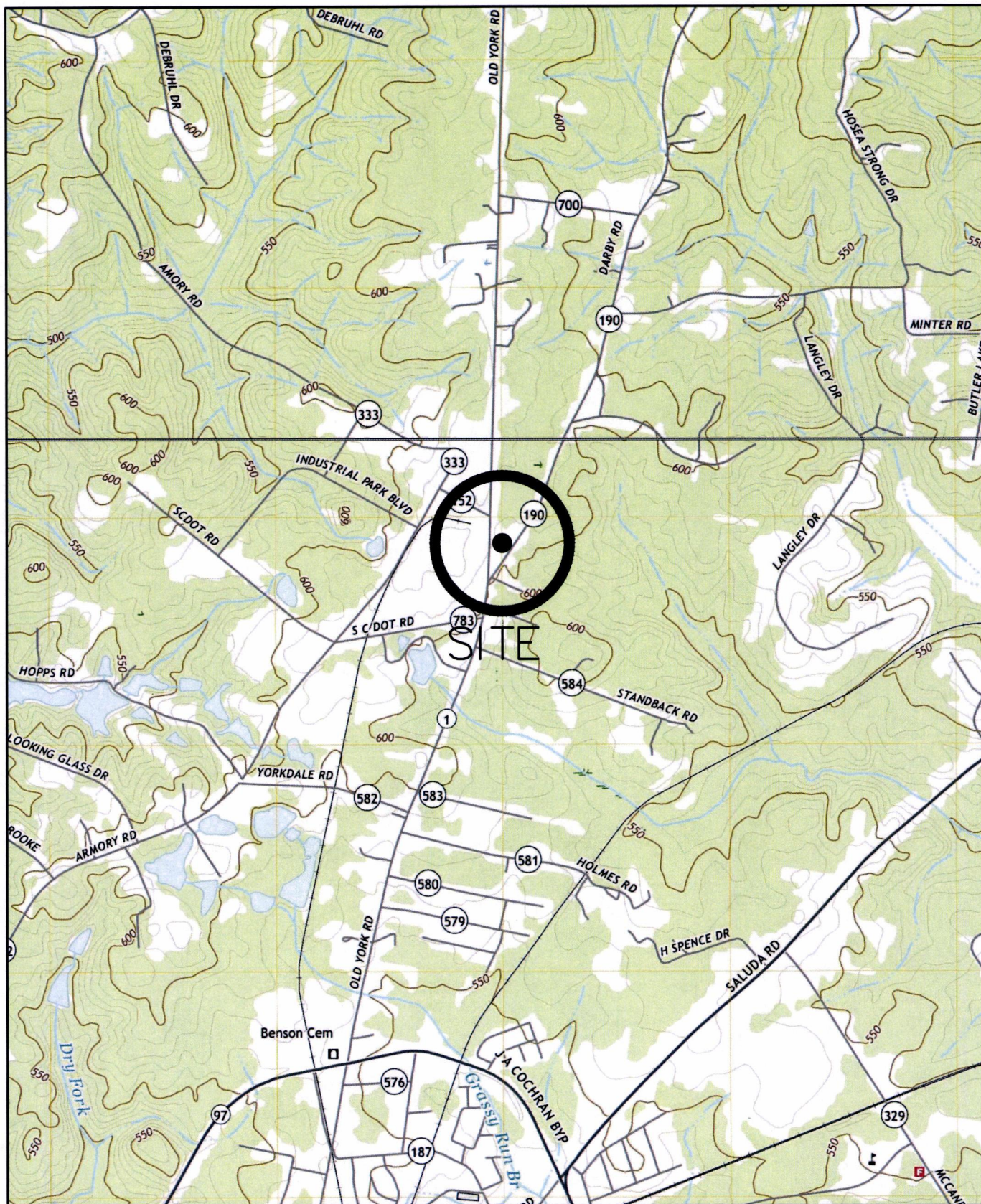
Site-specific target levels (SSTLs) in parts per billion (µg/l):

Well	Benzene	Toluene	Ethylbenzene	Xylene	Naphthalene	MtBE	EtBE	1,2 DCA
MW-1	44,390	26,540	3,700		6,700	37,067	45.28	
MW-7	29.857	26,540	3,700	21,680	6,700		5.34	31
MW-10	1,207	26,540	3,700	21,680	6,700		1.08	20

* SSTLs set equal to effective solubility for gasoline from reported literature values and statistical analysis of UST Management Division CoC data.

Tax Map Number	Property Owner Name	Property Owner Address
078-03-01-001-000	Lewis-Lombardo Freda Elizabeth	994 Old York Road, Chester, SC 29706
078-03-01-002-000	Lombardo Vincenzo	1020 Old York Road, Chester, SC 29706
078-03-01-019-000	Buchanan Hilliard IV	740 Buchanan Drive, Chester, SC 29706
078-00-00-005-000	Pinkston John Michael et al	15206 Kessler Drive, Charlotte, NC 28277
078-00-00-004-000	Fields Timothy Eric & Fields Kaye P	531 Neal Lane, Chester, SC 29706
078-02-03-001-000	Edwards Mary E & Edwards Robert L	PO Box 1083, Chester, SC 29706
078-02-03-007-000	Cockerham Bryan Richard	502 Darby Road, Chester, SC 29706
078-00-00-043-000	Weston SCIP 2 LLC, Weston Inc.	4760 Richmond Road, Suite 200, Cleveland, OH 44128

Properties listed are: a) Currently impacted by petroleum; b) May become impacted by petroleum; c) Has monitoring wells on it; or d) Adjoins to a property in category a, b, or c.



2000 1000 0 2000 4000
 APPROXIMATE SCALE IN FEET

REFERENCE:
 USGS TOPOGRAPHIC MAP, 7.5 MINUTE SERIES,
 CHESTER AND LOWRYS, S.C. QUADRANGLES, 2020.

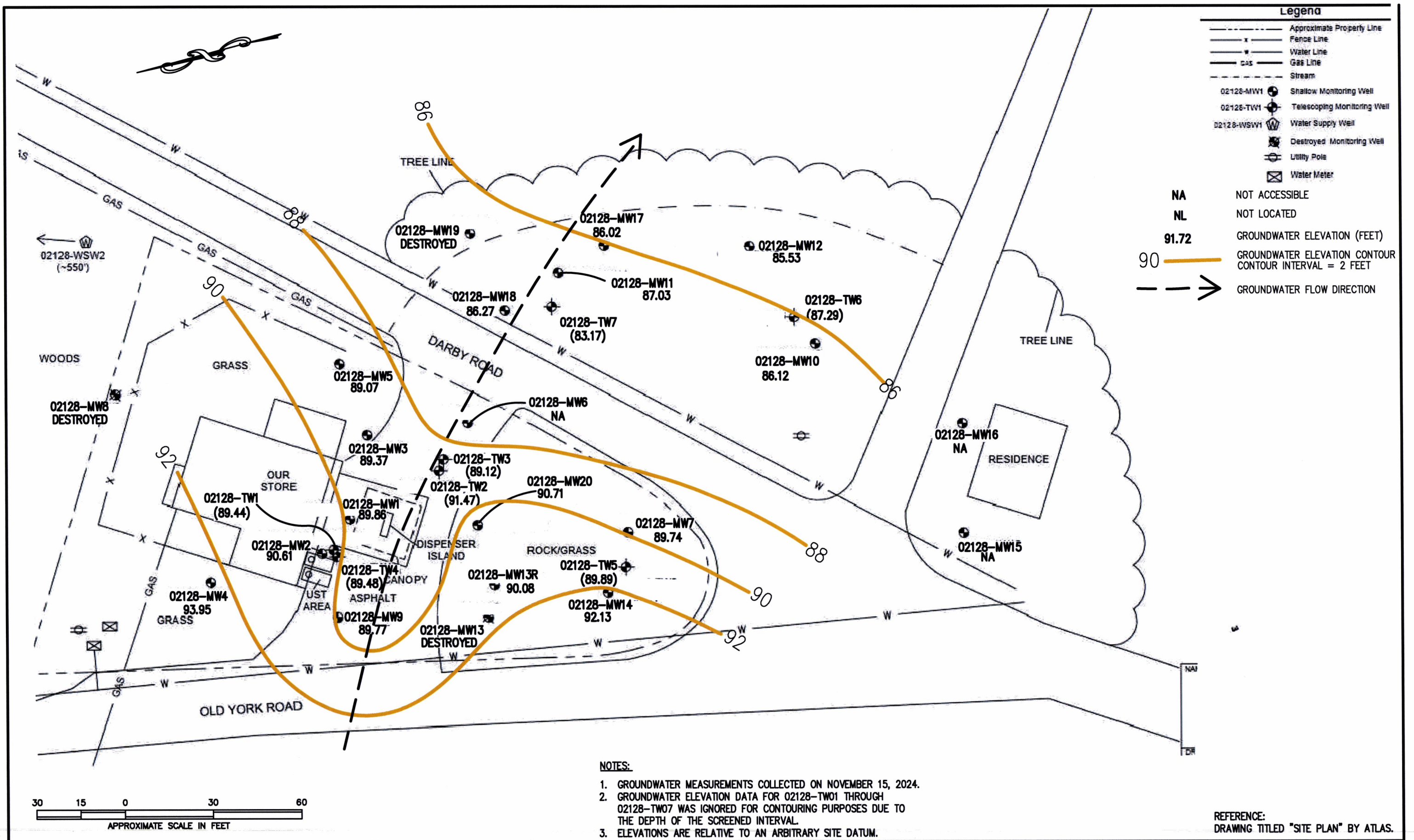
DRAWN: ACE	DATE: 01-19-24
CHECKED: OLM	CAD: OURSTORE-02SLM
APPROVED: TJB	JOB NO: J24-19126-02

BLE | **BUNNELL
LAMMONS
ENGINEERING**
 6004 Ponders Court, Greenville, SC 29615
 Phone: (864) 288-1265 Fax: (864) 288-4430

SITE LOCATION MAP
 OUR STORE
 UST PERMIT #02128
 994 OLD YORK ROAD
 CHESTER, SOUTH CAROLINA

FIGURE

1



DRAWN BY: ACE	DATE: 11-27-24	REVISIONS		
CHECKED BY: OLM	FILE: OURSTORE-02WTMNOV	No.	DESCRIPTION	BY
APPROVED BY: TJB	JOB NO: J24-19126-02			

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GROUNDWATER ELEVATION CONTOUR MAP – NOVEMBER 2024
OUR STORE
UST PERMIT #02128
994 OLD YORK ROAD
CHESTER, SOUTH CAROLINA

FIGURE
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