

CORRECTIVE ACTION PLAN FOR MONITORED NATURAL ATTENUATION

UST Permit Name: Lake Club Marina LLC UST Permit #: 10400
Date Release Reported: 7/1/2019 Project Manager: Audrey Hayes
Priority Class: 2AA County: York

Date of Last Sampling: 10/15/2024 Contractor: Geological Resources Inc.
Date of Assessment Activities Completed: 10/15/2019
of Sampling Events Completed: 12
Groundwater Velocity (ft/yr): 6.88 Groundwater Flow Direction: NE
Depth to Groundwater 11 Soil Lithology: Saprolite
Distance to the Nearest Receptor 170
Type of Receptor? Lake
Zoning Info Commercial *Estimated* Time to RBSL NA
Is the CoC Plume Defined (Yes/No)? Yes
Is the CoC Plume Stable (Yes/No)?

Additional Comments:

Estimated time to RBSL cannot be calculated.

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: *Cindy Hayes* Date: 1/8/25

UST Facility Name: Lake Club Marina LLC
 UST Permit #: 10400

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	Naphthalene	tAA
MW-2	<.180	<0.170	<0.210	<0.470	<1.90
MW-4	1,710	75	609	79	<19.0
MW-6	448	264	289	37	<9.50
MW-7	104	<1.10	81.3	11.9	<9.50
MW-9	8.35	2.31	4.78	<0.470	<1.90
MW-14R	NA	NA	NA	NA	NA
MW-15	0.6	<0.220	0.450j	<0.470	<1.90
MW-17	<.180	<0.220	<0.170	<0.470	<1.90
MW-18	881	412	509	175	<9.50
TW-1	.400j	6.52	0.9	<.470	9.01j
TW-2	616	19.5	14.5	5.8	<9.50
TW-3	0.59	<0.220	<0.5	<0.5	<1.90

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	Naphthalene	tAA
MW-2	11677	26540*	3700*	6700*	1002*
MW-4	6674	26540*	3501	6700*	1002*
MW-6	686	26540*	3700*	3902	1002*
MW-7	3236	26540*	3700*	6700*	1002*
MW-9	1271	26540*	3700*	6700*	1002*
MW-14R	686	26540*	3700*	3902	1002*
MW-15	2867	26540*	3700*	6700*	1002*
MW-17	11	26540*	3700*	56	587
MW-18	158	26540*	3700*	860	1002*
TW-1	NA	NA	NA	NA	1002*
TW-2	NA	NA	NA	NA	1002*
TW-3	NA	NA	NA	NA	1002*

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

Tax Map Num	Property Owner Name	Property Owner Address
5860000081	Lake Club Marina LLC	4500 Harbor Inn Rd, Rock Hill, SC 29732
5860000209	Paul S Carpenter	401 Lake Club Dr, Rock Hill, SC 29732
5860201001	Lindsay Norvell	301 Lake Club Dr, Rock Hill, SC 29732
5860000026	James Ross Mckee, Cathy H Mckee	295 Lake Club Dr, Rock Hill SC 29732
5860201038	The Lake Club Owners Association	PO Box 26844 Charlotte, NC 28221
5860000025	David Van Every	4497 Harbor Inn Rd, Rock Hill, SC 29732
5860000024	Hala Bacc LLC	PO Box 2511, Rock Hill, SC 29732

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.

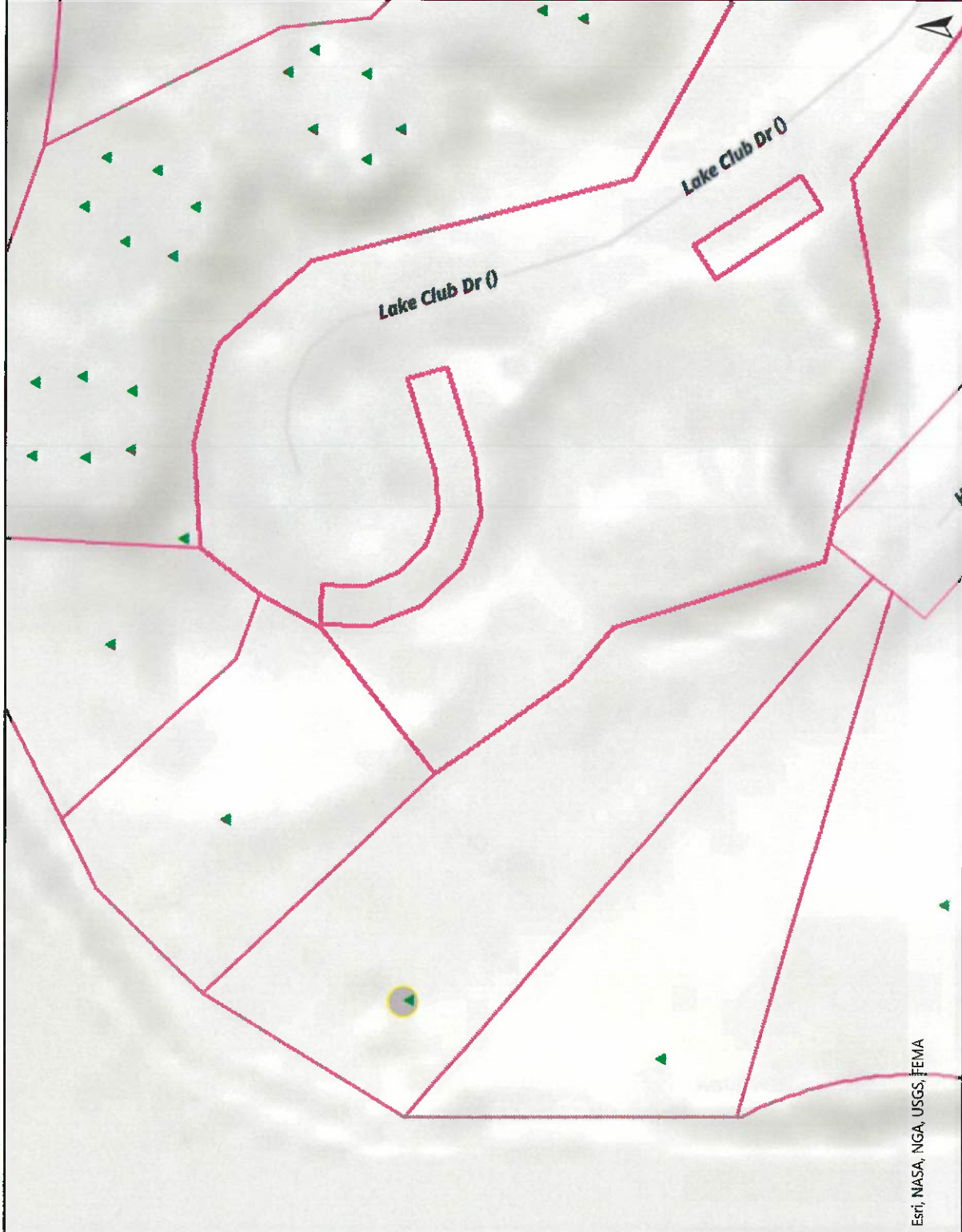


Map Title



Legend

- Addresses
 - Meter
 - Occupied
 - Vacant
- Parcels
- Streets
- Jurisdiction Boundaries (Hatch Fill)



Esri, NASA, NGA, USGS, FEMA



Disclaimer: While every effort is made to keep information provided over the internet accurate and up-to-date, York County does not certify the authenticity or accuracy of such information. No warranties, express or implied, are provided for the records and/or mapping data herein, or for their use or interpretation by the User.

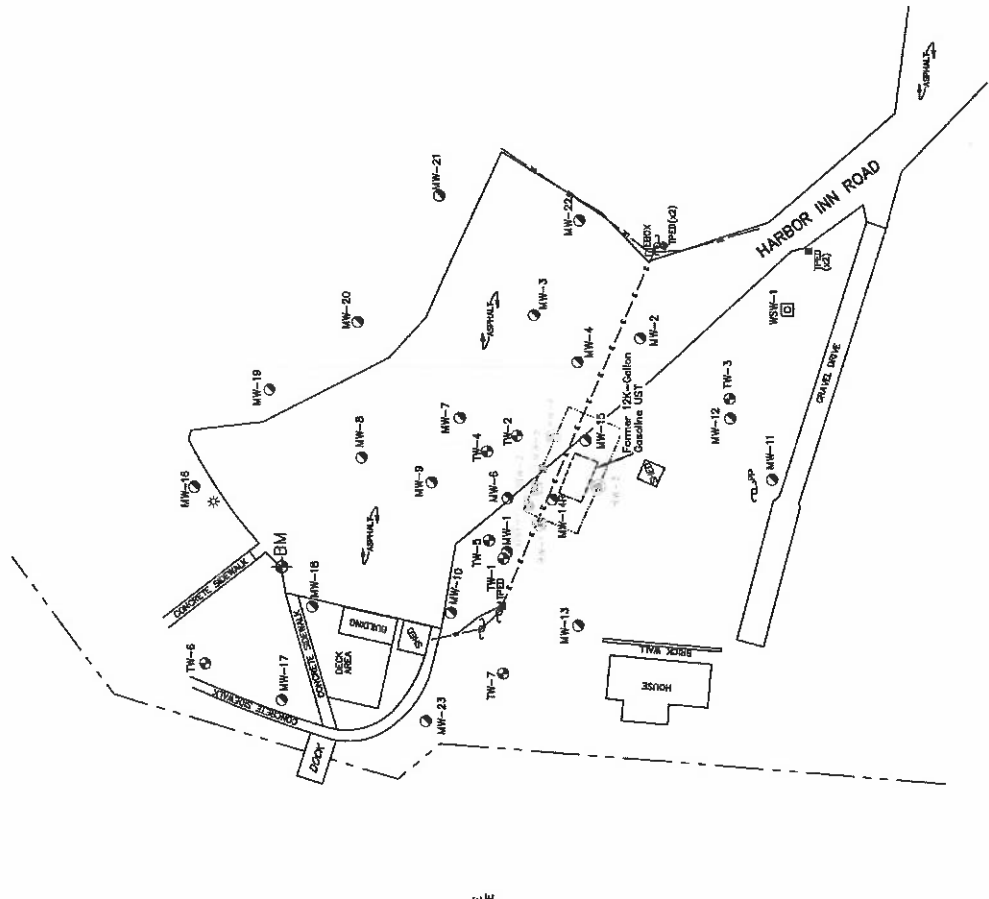
Notes



LEGEND

---	UNDERGROUND STORAGE TANK
---	UNDERGROUND ELECTRIC LINE
---	UNDERGROUND TELEPHONE LINE
---	OVERHEAD ELECTRIC LINE
---	UTILITY/POWER POLE
---	LIGHT POLE
---	TYPE III MONITORING WELL
---	TELESCOPING MONITORING WELL
---	BENCHMARK
---	WATER SUPPLY WELL
---	TPED = TELEPHONE PEDESTAL
---	ELECTRIC BOX
---	WELL DESTROYED
---	RECOVERY WELL DESTROYED
---	APPROXIMATE EXCAVATION BOUNDARY

Note:
 1. This Site Map is based on a Site Survey dated August 2, 2019 that was prepared by Jeff S. Jarrin, of Columbus, SC.



Geological Resources, Inc.



SITE MAP
 Lake Club Marina
 UST Permit No. 10400
 GRI Project No. 5169
 Date: 02/27/2024 | Drawn by: DTH

4500 Harbor Inn Rd
 Rock Hill, South Carolina
 York County