

CORRECTIVE ACTION PLAN FOR MONITORED NATURAL ATTENUATIONNPP Site Name: Former Heath OilNPP Site #: 1327Date Release Reported: 6/7/1999Project Manager: Camille RossielloPriority Class: 4AACounty: SumterDate of Last Sampling: 9/10/2024Contractor: ARM Environmental ServicesDate of Assessment Activities Completed: 9/10/2024# of Sampling Events Completed: 10+Groundwater Velocity (ft/yr): 2.71Groundwater Flow Direction: RadialDepth to Groundwater: 9 ftSoil Lithology: SANDDistance to the Nearest Receptor 2000 ftType of Receptor? Property line to NorthZoning Info Commercial**Estimated** Time to RBSL1 yearIs the CoC Plume Defined (Yes/No)? YesIs the CoC Plume Stable (Yes/No)? Yes**Additional Comments:**CoCs under RBSL and plume is stable per Mann Kendall

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: Camille RossielloDate: 5/7/2025

NPP Site Name: Heath Oil Co

NPP Site #: 01327

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	tAA
MW-2	874	1.74	62.1	192	186	221	326
MW-5	NA	NA	NA	NA	NA	NA	ND
MW-10A	ND	ND	ND	ND	ND	ND	ND
MW-20	ND	ND	1.13	ND	ND	ND	ND
MW-25	296	3.37	333	409	461	31.7	ND
PZ-13	21.4	ND	ND	ND	ND	42.2	64.4
RW-1**	1080	62.6	377	144	ND(500)	24.8	ND
RW-2**	340	ND	494	534	353	64.7	ND

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):

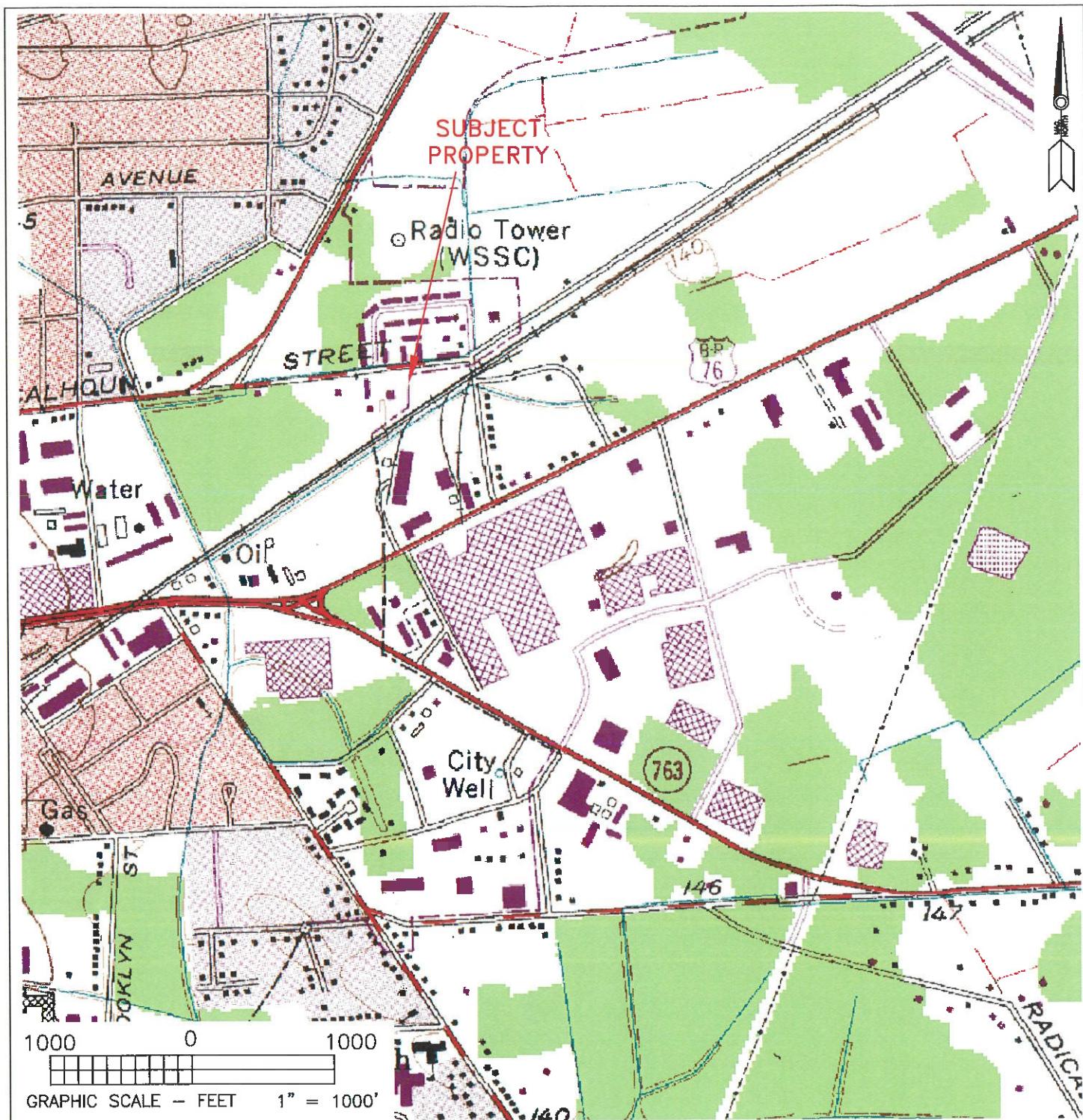
Well	Benzene	Naphthalene	MtBE	tAA
MW-2	44390*	6700*	173000*	NE
MW-5	44390*	6700*	NE	NE
MW-10A	NE	NE	NE	11544937
MW-20	NE	NE	NE	NE
MW-25	23348	6700*	NE	NE
PZ-13	9372	3300	NE	NE
RW-1**	44390*	6700*	NE	NE
RW-2**	44390*	6700*	173000*	74502

* = SSTLs have been set to effective solubility.

** = Included for reference. Corrective Action wells do not need SSTLs established for this site.

Parcel	PROPERTY OWNER NAME	ADDRESS	CITY	STATE	ZIP_CODE
249-10-01-007	CCBCC OPERATIONS LLC	PO BOX 31487	CHARLOTTE	NC	28231
249-00-03-001	CITY OF SUMTER	PO BOX 1449	SUMTER	SC	29151
249-00-03-002	CHARLES HODGE TRUSTEE	PO BOX 220	SUMTER	SC	29151
249-10-01-006	DREAM BIG ACADEMIC ACADEMY #2 LLC	4350 LAYNEWARD CT	DALZELL	SC	29040
249-00-02-007	HOUSING AUTHORITY OF THE CITY OF SUMTER	PO BOX 1030	SUMTER	SC	29151

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.



PROJECT:

GROUNDWATER SAMPLING ASSESSMENT
FORMER HEATH OIL
516 EAST CALHOUN STREET
SUMTER, SUMTER COUNTY, SC

DESCRIPTION:

SITE LOCATION MAP

FIGURE 1

DATE:

SEPTEMBER 2024

REFERENCE:

U.S.G.S. TOPOGRAPHIC MAP
(7.5 MINUTE SERIES)
SUMTER EAST - 1957/1982
SOUTH CAROLINA QUADRANGLE

LEGEND:



