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October 8, 2012

Mr. Thomas C. Niver, P.G.
Roadside Environmental Unit
North Carolina Department of Transportation
4809 Beryl Road
Raleigh, North Carolina 27606

Subject: Soil Investigation Summary Report
Former North Carolina Department of Transportation
Asphalt Site No. 6-48 (34613.3.13)
Pittsboro, Chatham County, North Carolina

Dear Mr. Niver:

AECOM North Carolina, Inc. (AECOM) is pleased to submit to the North Carolina Department of Transportation (NCDOT) a summary of results from the soil investigations conducted by AECOM at the former NCDOT Asphalt Site in Pittsboro, Chatham County, North Carolina (Figure 1) in April and November 2010. The Site is currently owned by S.T. Wooten Company and is used as an asphalt production facility and an active asphalt testing laboratory. The NCDOT has never owned or controlled the Site.

Background

AECOM conducted an initial soil investigation at the Site in April 2010. This investigation was intended to evaluate potential volatile organic carbon (VOC) source areas including:

- Former Asphalt Testing Laboratory and Septic Tank Area
- Current Asphalt Testing Laboratory Area
- Former Potable Water Well Area
- Septic Tank Percolation Area

The April 2010 investigation indicated the presence of NCDOT Target Compounds at concentrations exceeding their respective Inactive Hazardous Sites Branch (IHSB) Protection of Groundwater Soil Remediation Goals (PGSRGs) and Health Based Soil Remediation Goals (HBSRG). NCDOT Target Compounds include carbon tetrachloride; 1,1,1-trichloroethane; trichloroethene (TCE); 1,1-dichloroethene; 1,1-dichloroethane; trans-1,2-dichloroethene; cis-1,2-dichloroethene; vinyl chloride; chloroethane; chloroform; methylene chloride; and methyl chloride. Non-target compounds are other VOCs on the United States Environmental Protection Agency (EPA) Method 8260 target compound list that, if present, may be associated with non-NCDOT related releases.

Based on the results of the April investigation, the primary source area was determined to be in the vicinity of the former asphalt testing laboratory and septic tanks area. Since the objective of the investigation was to confirm the presence of potential source areas rather than source area delineation, the April investigation did not achieve complete horizontal or vertical source area delineation.

Following the initial investigation, additional sampling was completed in November 2010 to delineate surface soil impacts (0 to 8-feet below land surface [bls]) in the area of the former asphalt testing laboratory. A secondary objective was to characterize the soil pending potential excavation and disposal. To accomplish these goals, AECOM mobilized to the Site on November 10 and 11, 2010. Twenty soil borings were advanced using a direct push technology at locations indicated on Figure 2. The target depth for each boring was 8 feet bls. Soil cores were field screened at approximate 2-foot intervals using a photoionization detector and transferred to laboratory supplied containers. The samples were then submitted under chain of custody documentation to SGS Laboratories, a certified laboratory, for analysis of VOCs via EPA Method 8260B.

Results of the April 2010 site investigation are summarized in the *2010 Site Assessment Report*¹. The November 2010 soil investigation is summarized below.

November 2010 Results

A total of 81 samples were collected from 20 borings during the November 2010 soil investigation. Table 1 provides a summary of the November 2010 soil results compared to the Residential HBSRG, PGSRG and the IHSB 20 times rule (20x Rule)². The *Inactive Hazardous Site Branch Guidelines for Assessment and Cleanup*³ states at sites where residual soil contaminant concentrations (total concentrations in milligrams per kilograms [mg/kg]) do not exceed values of twenty times the corresponding groundwater remediation goals (in milligrams per liter) the PGSRGs do not apply.

The NCDOT Target Compounds 1,1,1-TCA and TCE were detected at concentrations exceeding their respective 20x Rule values. 1,1,1-TCA exceeded the 20x Rule (4 mg/kg) in 3 samples and TCE exceeded the 20x Rule (0.06 mg/kg) in 41 samples. Tetrachloroethene, a non-NCDOT target compound, was detected in excess of its 20X Rule value in 3 samples collected from boring B-13 (0-2 feet bls, 2-4 feet bls and 4-6 feet bls).

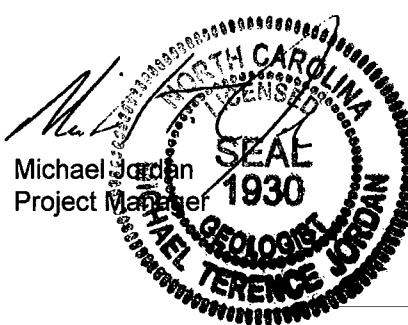
Figure 3 provides a TCE isoconcentration map based on the April 2010 data only. TCE isoconcentration maps (Figures 4 through 7) for analytical data collected in November 2010 were constructed for each 2-foot interval between 0 and 8 ft bls (i.e., 0-2 foot interval, 2-4 foot interval, etc.). TCE concentrations generally increase with depth, and B-13 contained the highest TCE concentration at each depth interval.

AECOM appreciates the opportunity to continue working with NCDOT. If you have any questions regarding these results, please contact the undersigned at (919) 872-6600.

Yours sincerely,



Matthew Brennan
Project Geologist



¹ AECOM, 2010, 2010 Site Assessment Report, November 2010.

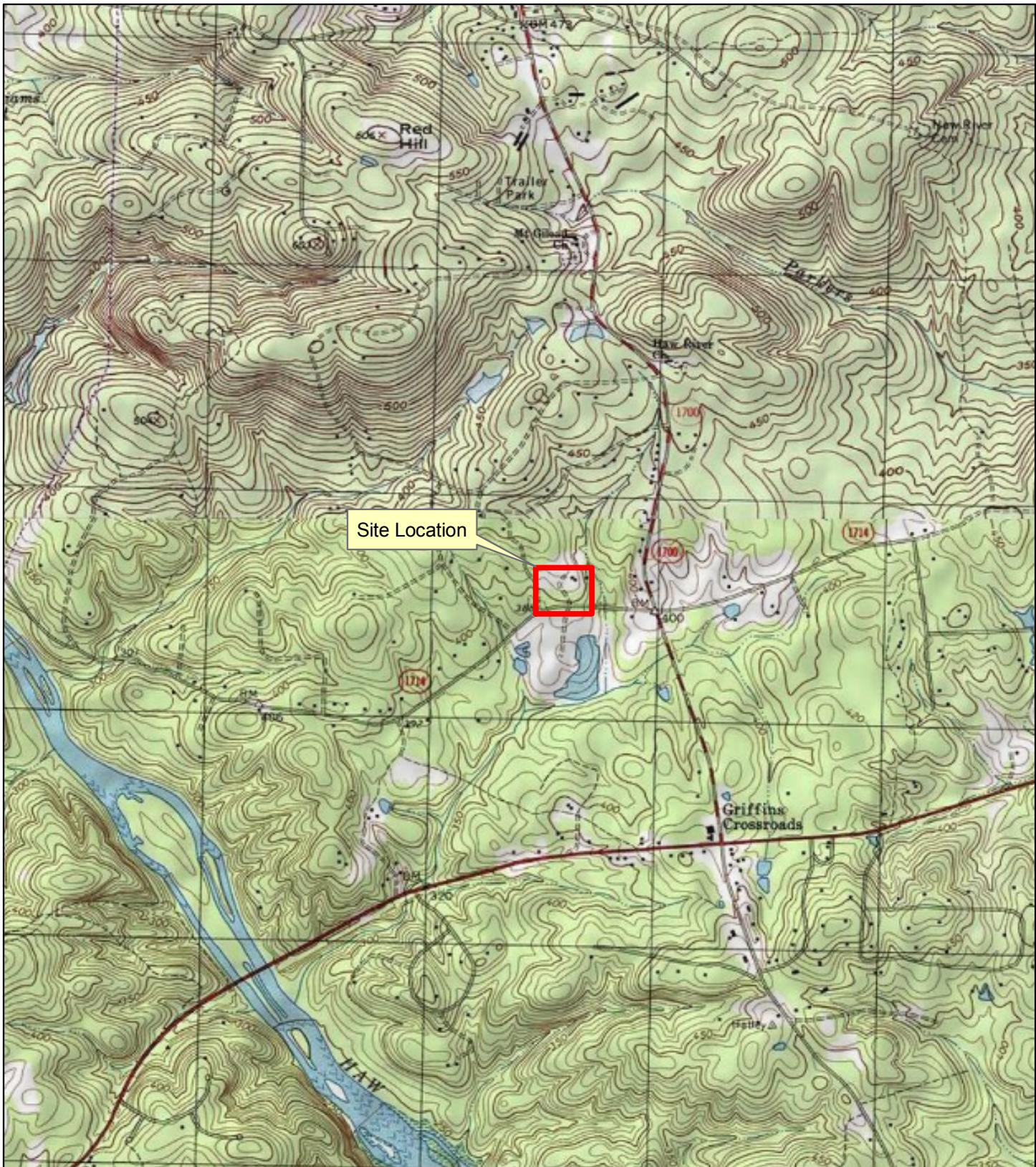
² North Carolina Department of Environment and Natural Resources (NCDENR), 2012, Inactive Hazardous Sites Branch Soil Remediation Goals. July 2012

³ NCDENR, 2011 Guidelines for Assessment and Cleanup, August 2011.

Attachments:

- Figure 1. Site Location Map
- Figure 2. Soil Sample Location Map
- Figure 3. Soil TCE Isoconcentration Map – April 2010
- Figure 4. Soil TCE Isoconcentration Map (0-2 feet) – November 2010
- Figure 5. Soil TCE Isoconcentration Map (2-4 feet) – November 2010
- Figure 6. Soil TCE Isoconcentration Map (4-6 feet) – November 2010
- Figure 7. Soil TCE Isoconcentration Map (6-8 feet) – November 2010

Table 1. Soil Boring Laboratory Analytical Results



Map Location



Site Location Map

Former NCDOT Asphalt Testing Site No. 6-48
240 Sugar Lake Road
Pittsboro, North Carolina

Merry Oaks, NC USGS Topographic Quadrangle (1983)

0 2,000 4,000
Feet

March 17, 2010

60154105.4

Figure 1



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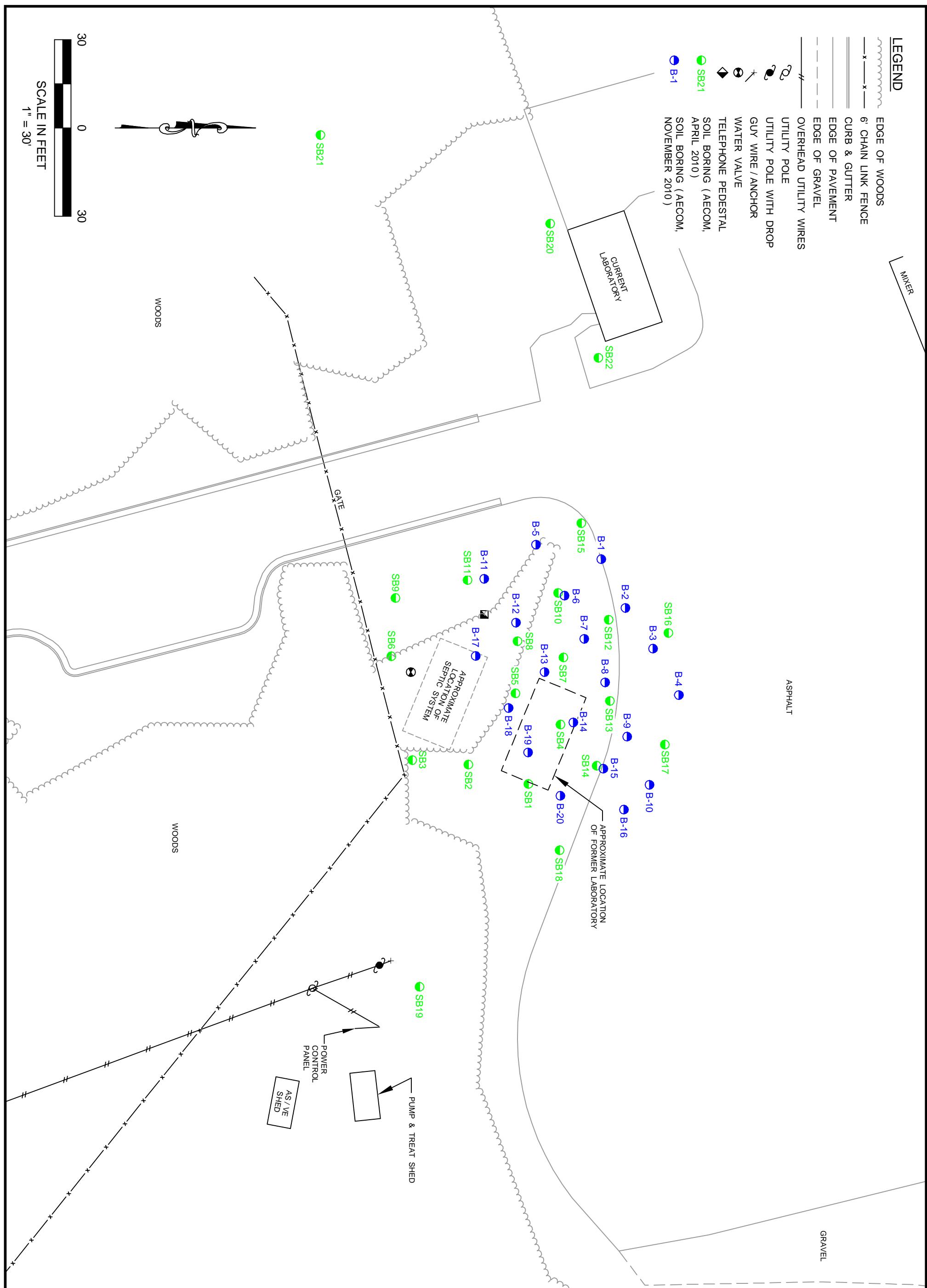
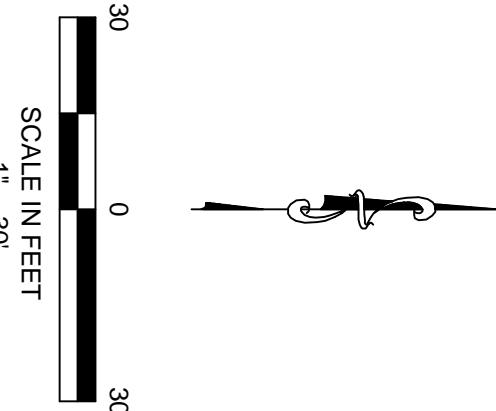
LEGEND

	EDGE OF WOODS
	6' CHAIN LINK FENCE
	CURB & GUTTER
	EDGE OF PAVEMENT
	EDGE OF GRAVEL
	OVERHEAD UTILITY WIRES
	UTILITY POLE
	UTILITY POLE WITH DROP
	GUY WIRE / ANCHOR
	WATER VALVE
	TELEPHONE PEDESTAL
	SOIL BORING (AECOM, APRIL 2010)
	SOIL BORING (AECOM, NOVEMBER 2010)

MIXER

ASPHALT

GRAVEL

**SOIL SAMPLE LOCATION MAP**

Former NCDOT Asphalt Testing Site No. 6-48
Sugar Lake Road, Pittsboro, North Carolina

SCALE: DATE: PROJECT NUMBER:
1"=30' 03/17/11 60154105.4

AECOM

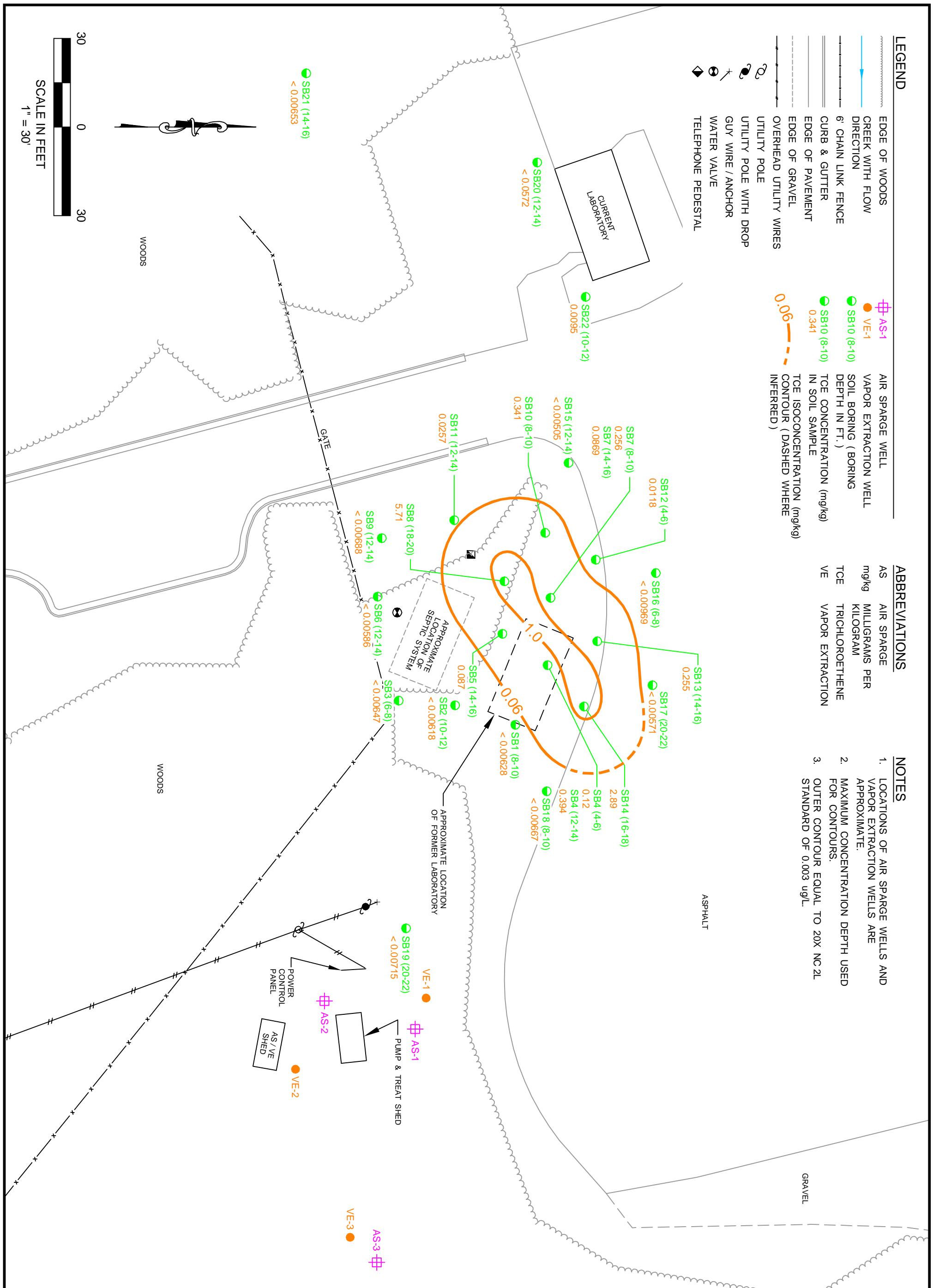
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DESIGNED BY:	REVISIONS			
	NO.:	DESCRIPTION:	DATE:	BY:
DRAWN BY:				
KLR				
CHECKED BY:				
APPROVED BY:				

FIGURE NUMBER:

2

SHEET NUMBER:
B110022B



SOIL TCE ISOCONCENTRATION MAP
APRIL 2010

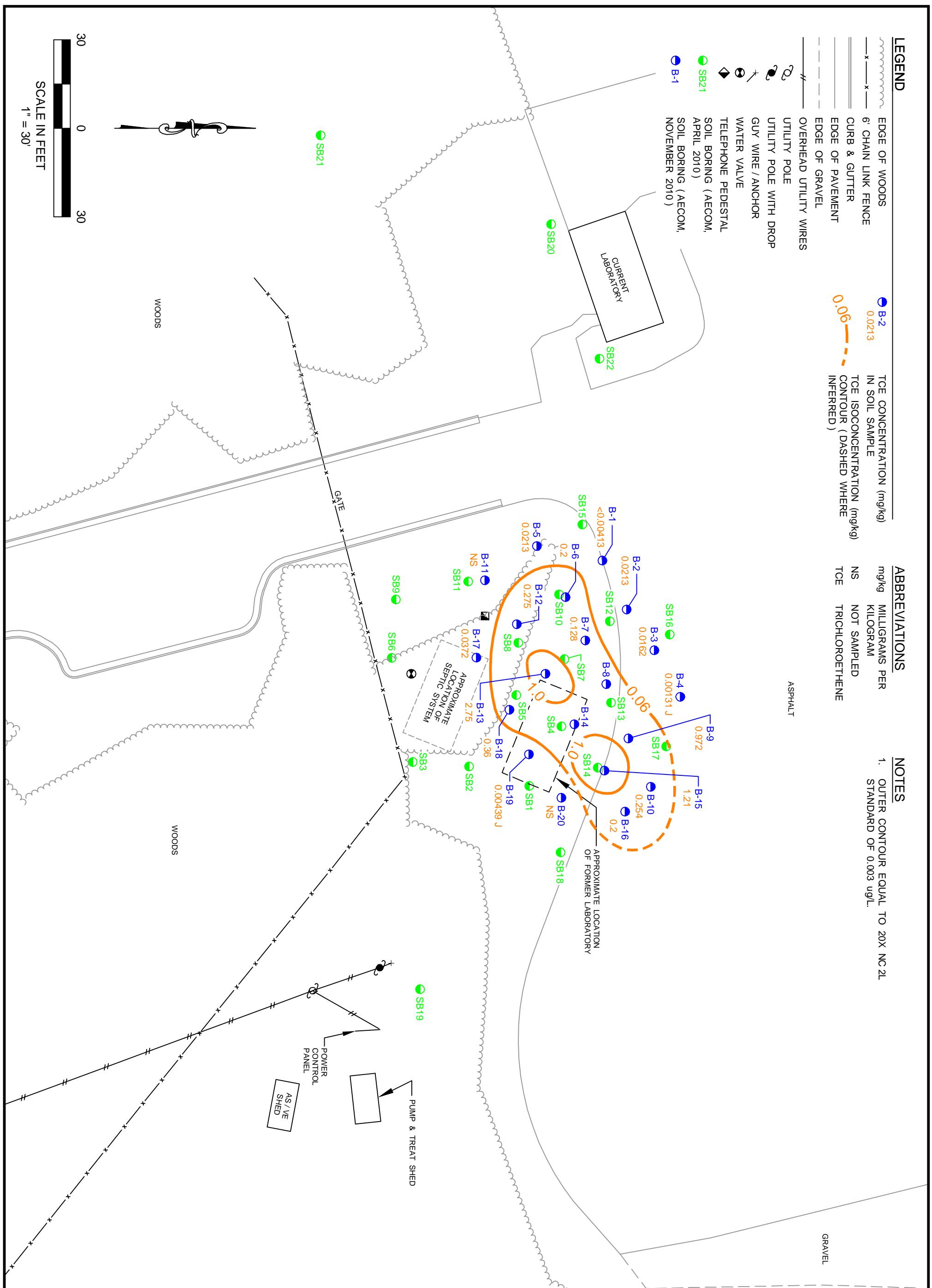
Former NCDOT Asphalt Testing Site No. 6-48
Sugar Lake Road, Pittsboro, North Carolina

SCALE: DATE: PROJECT NUMBER:
1"=30' 03/17/11 60154105.4

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KLR				
CHECKED BY:				
APPROVED BY:				



SOIL TCE ISOCONCENTRATION MAP (0-2 FEET) - NOVEMBER 2010

Former NCDOT Asphalt Testing Site No. 6-48
Sugar Lake Road, Pittsboro, North Carolina

SCALE: DATE: PROJECT NUMBER:
1"=30' 03/17/11 60154105.4

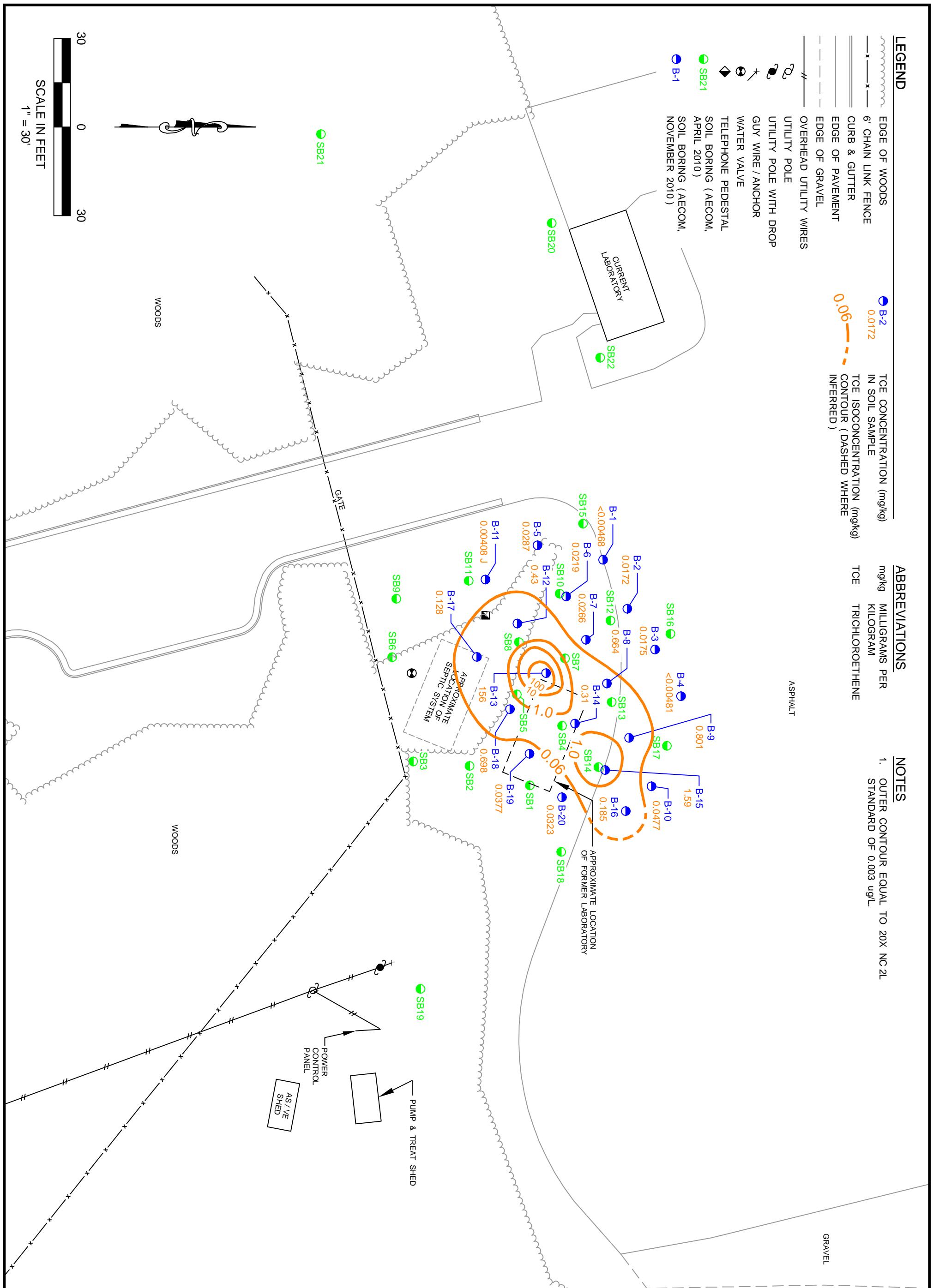
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KLR				
CHECKED BY:				
APPROVED BY:				

FIGURE NUMBER:
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4



SOIL TCE ISOCONCENTRATION MAP
(2-4 FEET) - NOVEMBER 2010

Former NCDOT Asphalt Testing Site No. 6-48
Sugar Lake Road, Pittsboro, North Carolina

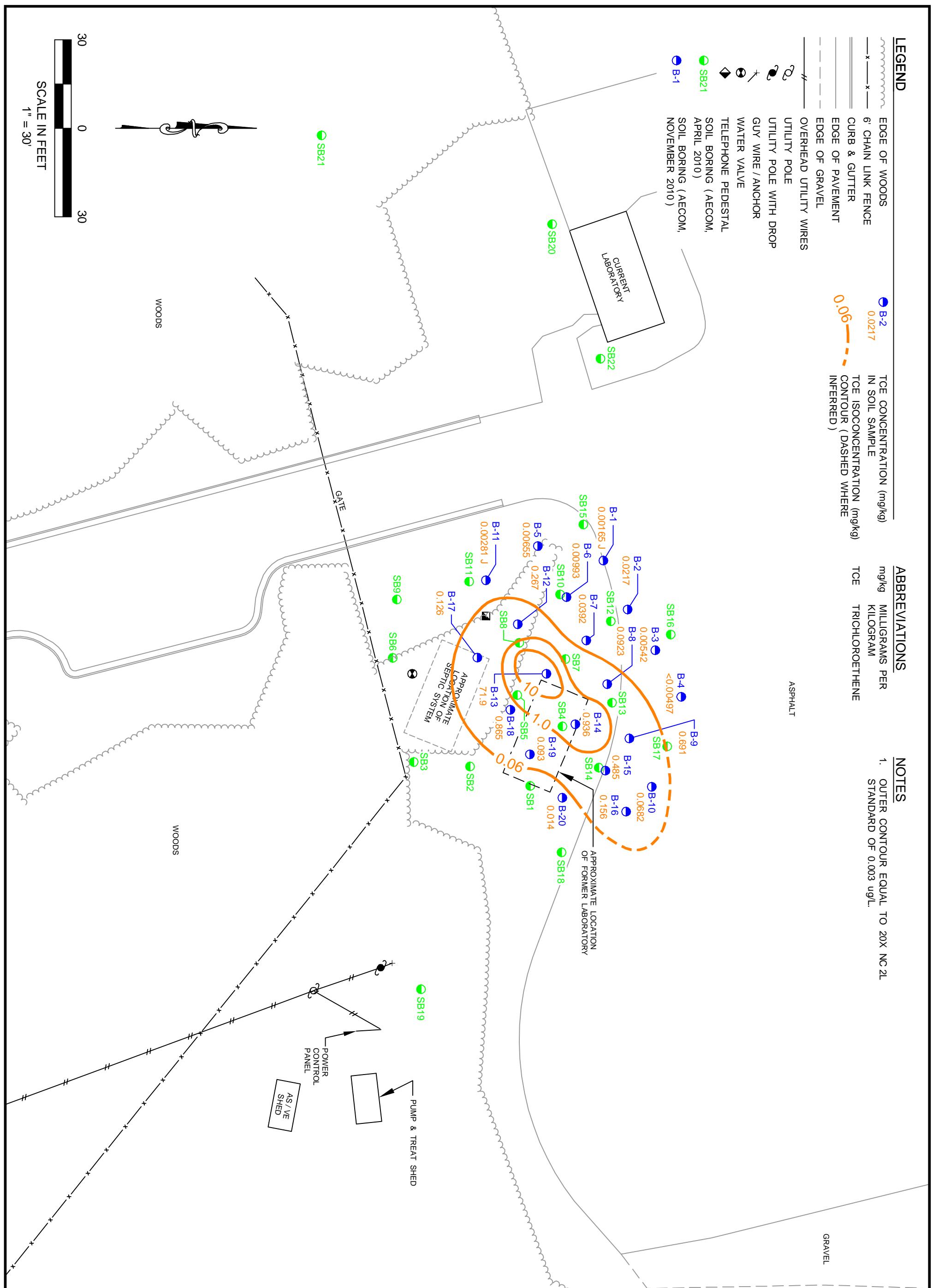
FIGURE NUMBER:
C110025B

SCALE: DATE: PROJECT NUMBER:
1"=30' 03/17/11 60154105.4

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	NO.:	DESCRIPTION:	DATE:	BY:
DRAWN BY: KLR				
CHECKED BY:				
APPROVED BY:				



SOIL TCE ISOCONCENTRATION MAP (4-6 FEET) – NOVEMBER 2010

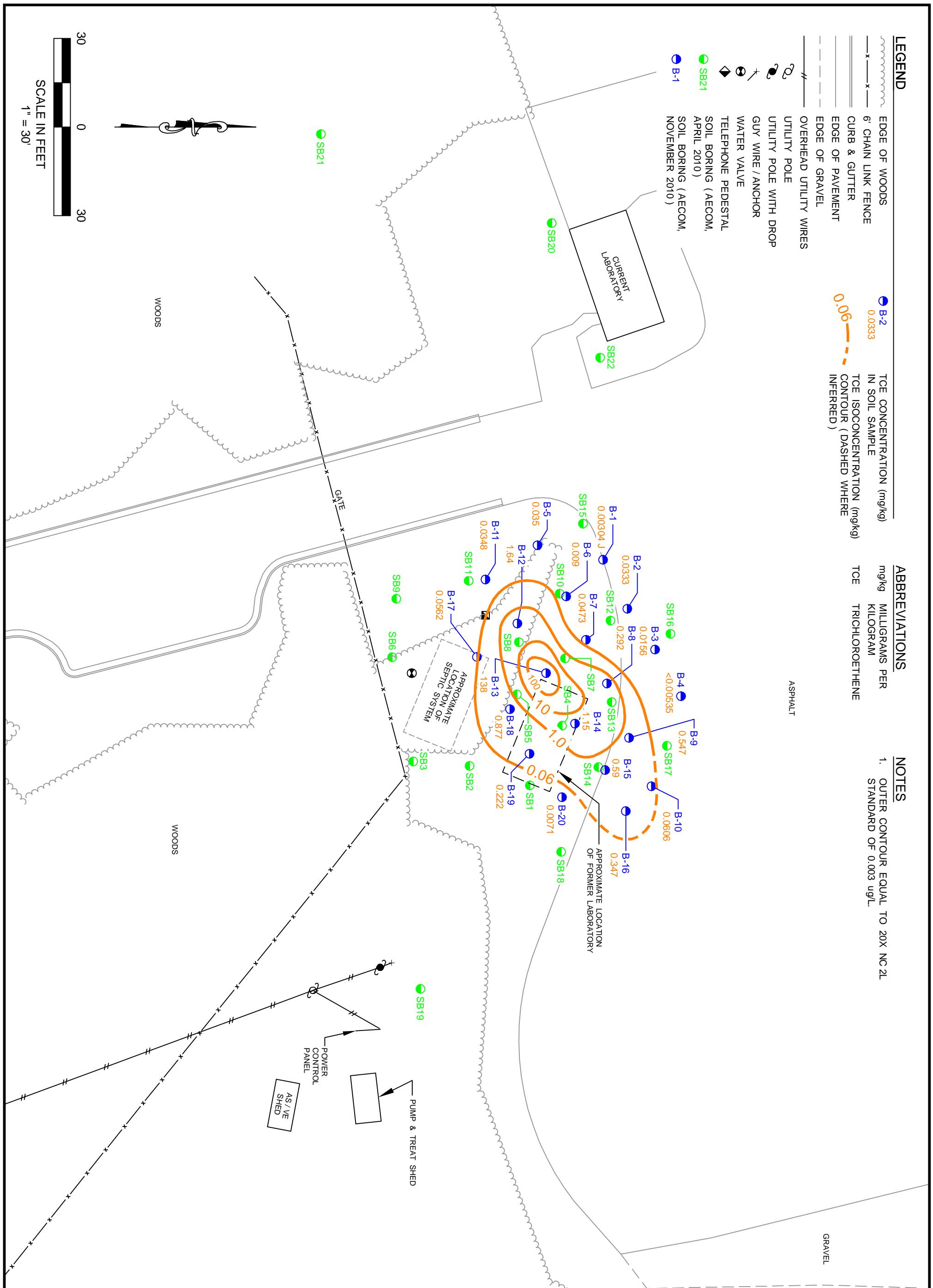
Former NCDOT Asphalt Testing Site No. 6-48
Sugar Lake Road, Pittsboro, North Carolina

SCALE: DATE: PROJECT NUMBER:
1"=30' 03/17/11 60154105.4

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	NO.:	DESCRIPTION:	DATE:	BY:
DRAWN BY:				
KLR				
CHECKED BY:				
APPROVED BY:				



SOIL TCE ISOCONCENTRATION MAP (6-8 FEET) – NOVEMBER 2010

Former NCDOT Asphalt Testing Site No. 6-48
Sugar Lake Road, Pittsboro, North Carolina

FIGURE NUMBER:
C110027B

SCALE: DATE: PROJECT NUMBER:
1"=30' 03/17/11 60154105.4

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DESIGNED BY:	REVISIONS			
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APPROVED BY:				

Table 1

Soil Boring Laboratory Analytical Results - November 2010

NCDOT - Former Asphalt Testing Plant Site

Pittsboro, North Carolina

Constituent (mg/kg)	HBSRG	PGSRG	20X	B-1				B-2				B-3				B-4				B-5			
				(0-2)	(2-4)	(4-6)	(6-8)	(0-2)	(2-4)	(4-6)	(6-8)	(0-2)	(2-4)	(4-6)	(6-8)	(0-2)	(2-4)	(4-6)	(6-8)	(0-2)	(2-4)	(4-6)	(6-8)
1,1,1-Trichloroethane	640	1.2	4	<0.00413	<0.00468	<0.00501	<0.00478	<0.0046	<0.00533	<0.00494	<0.0051	<0.00395	<0.0046	<0.0056	<0.005	<0.00415	<0.00481	<0.00497	<0.00535	<0.00475	<0.00532	<0.0053	<0.00533
1,1,2-Trichloroethane	0.32	0.0032	0.012	<0.00413	<0.00468	<0.00501	<0.00478	<0.0046	<0.00533	<0.00494	<0.0051	<0.00395	<0.0046	<0.0056	<0.005	<0.00415	<0.00481	<0.00497	<0.00535	<0.00475	<0.00532	<0.0053	<0.00533
1,2,3-Trichloroproppane	78	NV	0.0001	<0.00413	<0.00468	<0.00501	<0.00478	<0.0046	<0.00533	<0.00494	<0.0051	<0.00395	<0.0046	<0.0056	<0.005	<0.00415	<0.00481	<0.00497	<0.00535	<0.00475	<0.00532	<0.0053	<0.00533
Acetone	12000	24	120	0.223	0.0234 J	0.0156 J	0.0209 J	0.183	0.0208 J	0.0106 J	0.0103 J	0.392	0.183	0.0149 J	<0.05	0.171	0.046 J	0.0186 J	0.0108 J	0.0857	0.0269 J	0.0377 J	0.00961 J
Benzene	1.1	0.0073	0.02	<0.00413	<0.00468	<0.00501	<0.00478	<0.0046	<0.00533	<0.00494	<0.0051	<0.00395	<0.0046	<0.0056	<0.005	<0.00415	<0.00481	<0.00497	<0.00535	<0.00475	<0.00532	<0.0053	<0.00533
Bromodichloromethane	0.27	0.0029	0.012	<0.00413	<0.00468	<0.00501	<0.00478	<0.0046	<0.00533	<0.00494	<0.0051	<0.00395	<0.0046	<0.0056	<0.005	<0.00415	<0.00481	<0.00497	<0.00535	<0.00475	<0.00532	<0.0053	<0.00533
Bromoform	62	0.019	0.08	<0.00413	<0.00468	<0.00501	<0.00478	<0.0046	<0.00533	<0.00494	<0.0051	<0.00395	<0.0046	<0.0056	<0.005	<0.00415	<0.00481	<0.00497	<0.00535	<0.00475	<0.00532	<0.0053	<0.00533
Bromomethane	1.5	0.048	0.2	<0.00413	<0.00468	<0.00501	<0.00478	<0.0046	<0.00533	<0.00494	<0.0051	<0.00395	<0.0046	<0.0056	<0.005	<0.00415	<0.00481	<0.00497	<0.00535	<0.00475	<0.00532	<0.0053	<0.00533
Carbon tetrachloride	0.61	0.0021	0.006	<0.00413	<0.00468	<0.00501	<0.00478	<0.0046	<0.00533	<0.00494	<0.0051	<0.00395	<0.0046	<0.0056	<0.005	<0.00415	<0.00481	<0.00497	<0.00535	<0.00475	<0.00532	<0.0053	<0.00533
Tetrachloroethene	17	0.005	0.014	<0.00413	<0.00468	<0.00501	<0.00478	0.00148	<0.00533	<0.00494	<0.0051	0.00502	0.00131 J	<0.0056	<0.005	0.0009 J	<0.00481	<0.00497	<0.00535	<0.00475	<0.00532	<0.0053	<0.00533
Trichloroethene	0.88	0.018	0.06	<0.00413	<0.00468	0.00165 J	0.00304 J	0.0213	0.0217	0.0333	0.0162	0.0175	0.00542	0.0156	0.00131 J	<0.00481	<0.00497	<0.00535	0.0213	0.0287	0.00655	0.035	
Vinyl chloride	0.06	0.00019	0.0006	<0.00413	<0.00468	<0.00501	<0.00478	<0.0046	<0.00533	<0.00494	<0.0051	<0.00395	<0.0046	<0.0056	<0.005	<0.00415	<0.00481	<0.00497	<0.00535	<0.00475	<0.00532	<0.0053	<0.00533

Notes:

NV - No Value

mg/kg - milligrams per kilogram.

HBSRG - IHSSB Residential Health Based Soil Remediation Goal

PGSRG - IHSSB Protection of Groundwater Soil remediation Goal

20X Rule - Section D.2.1.2 of the REC Program Guidance (August 2010).

< constituent detected below laboratory reporting limit shown.

Bold values indicate an exceedance of the 20X concentration.

Bold font with shading indicates exceedance of HBSRG

(0-2) Sample interval below ground surface in feet

Table 1

Soil Boring Laboratory Analytical Results - November 2010

NCDOT - Former Asphalt Testing Plant Site

Pittsboro, North Carolina

Constituent (mg/kg)	HBSRG	PGSRG	20X	B-6				B-7				B-8				B-9				B-10				
				(0-2)	(2-4)	(4-6)	(6-8)	(0-2)	(2-4)	(4-6)	(6-8)	(8-10)	(2-4)	(4-6)	(6-8)	(8-10)	(0-2)	(2-4)	(4-6)	(6-8)	(0-2)	(2-4)	(4-6)	(6-8)
1,1,1-Trichloroethane	--	--	4	0.00294 J	<0.00616	<0.00539	<0.00565	0.00517	<0.0051	<0.00572	<0.00589	0.00145 J	0.0153 J	<0.0537	<0.0514	0.0456 J	<0.0477	<0.0647	<0.0544	<0.0527	<0.0482	<0.00458	<0.00524	<0.0062
1,1,2-Trichloroethane	640	1.2	0.012	<0.00522	<0.00616	<0.00539	<0.00565	<0.00436	<0.0051	<0.00572	<0.00589	<0.00473	<0.0493	<0.0537	<0.0514	<0.0557	<0.0477	<0.0647	<0.0544	<0.0527	<0.0482	<0.00458	<0.00524	<0.0062
1,2,3-Trichloroproppane	0.005	0.000032	0.0001	<0.00522	<0.00616	<0.00539	<0.00565	<0.00436	<0.0051	<0.00572	<0.00589	<0.00473	<0.0493	<0.0537	<0.0514	<0.0557	<0.0477	<0.0647	<0.0544	<0.0527	<0.0482	<0.00458	<0.00524	<0.0062
Acetone	12000	24	120	0.0601	0.0925	0.0385 J	0.029 J	0.354	0.0559	0.186	0.0217 J	0.0221 J	<1.23	<1.34	<1.39	<1.19	<1.29	<1.62	<1.36	<1.32	<1.21	0.0314 J	0.0423 J	0.0196 J
Benzene	1.1	0.0073	0.02	<0.00522	<0.00616	<0.00539	<0.00565	<0.00436	<0.0051	<0.00572	<0.00589	<0.00473	<0.0493	<0.0537	<0.0514	<0.0557	<0.0477	<0.0647	<0.0544	<0.0527	<0.0482	<0.00458	<0.00524	<0.0062
Bromodichloromethane	0.27	0.0029	0.012	<0.00522	<0.00616	<0.00539	<0.00565	<0.00436	<0.0051	<0.00572	<0.00589	<0.00473	<0.0493	<0.0537	<0.0514	<0.0557	<0.0477	<0.0647	<0.0544	<0.0527	<0.0482	<0.00458	<0.00524	<0.0062
Bromoform	61	0.019	0.08	<0.00522	<0.00616	<0.00539	<0.00565	<0.00436	<0.0051	<0.00572	<0.00589	<0.00473	<0.0493	<0.0537	<0.0514	<0.0557	<0.0477	<0.0647	<0.0544	<0.0527	<0.0482	<0.00458	<0.00524	<0.0062
Bromomethane	1.5	0.048	0.2	<0.00522	<0.00616	<0.00539	<0.00565	<0.00436	<0.0051	<0.00572	<0.00589	<0.00473	<0.0493	<0.0537	<0.0514	<0.0557	<0.0477	<0.0647	<0.0544	<0.0527	<0.0482	<0.00458	<0.00524	<0.0062
Carbon tetrachloride	0.61	0.002	0.006	<0.00522	<0.00616	<0.00539	<0.00565	<0.00436	<0.0051	<0.00572	<0.00589	<0.00473	<0.0493	<0.0537	<0.0514	<0.0557	<0.0477	<0.0647	<0.0544	<0.0527	<0.0482	<0.00458	<0.00524	<0.0062
Tetrachloroethene	0.55	0.005	0.014	0.00136 J	<0.00616	<0.00539	<0.00565	0.00411 J	<0.0051	<0.00572	<0.00589	<0.00473	0.00789 J	<0.0537	<0.0514	<0.0557	<0.0477	<0.0647	<0.0544	<0.0527	<0.0482	<0.00458	<0.00524	<0.0062
Trichloroethene	2.8	0.018	0.06	0.2	0.0219	0.00993	0.009	0.128	0.0266	0.0392	0.0473	0.0494	0.664	0.0923	0.292	1.31	0.972	0.801	0.691	0.547	0.254	0.0477	0.0682	0.0606
Vinyl chloride	0.06	0.00019	0.0006	<0.00522	<0.00616	<0.00539	<0.00565	<0.00436	<0.0051	<0.00572	<0.00589	<0.00473	<0.0493	<0.0537	<0.0514	<0.0557	<0.0477	<0.0647	<0.0544	<0.0527	<0.0482	<0.00458	<0.00524	<0.0062

Notes:

NV - No Value

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PGSRG - IHSSB Protection of Groundwater Soil remediation Goal

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< constituent detected below laboratory reporting limit shown.

Bold values indicate an exceedance of the 20X concentration.

Bold font with shading indicates exceedance of HBSRG

(0-2) Sample interval below ground surface in feet

Table 1

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NCDOT - Former Asphalt Testing Plant Site

Pittsboro, North Carolina

Constituent (mg/kg)	HBSRG	PGSRG	20X	B-11			B-12				B-13				B-14				B-15			
				(2-4)	(4-6)	(6-8)	(0-2)	(2-4)	(4-6)	(6-8)	(0-2)	(2-4)	(4-6)	(6-8)	(2-4)	(4-6)	(6-8)	(8-10)	(0-2)	(2-4)	(4-6)	(6-8)
1,1,1-Trichloroethane	--	--	4	<0.00606	<0.00638	<0.00578	0.00671 J	0.0105 J	0.00738 J	0.0368 J	0.231	12	7.17	16.3	0.0392 J	0.12	0.11	0.695	<0.0469	0.055 J	<0.0636	0.0168 J
1,1,2-Trichloroethane	640	1.2	0.012	<0.00606	<0.00638	<0.00578	<0.048	<0.0554	<0.0527	<0.102	<0.0860	<10.5	<4.81	<9.87	<0.0445	<0.0448	<0.0602	<0.267	<0.0469	<0.0965	<0.0636	<0.0599
1,2,3-Trichloroproppane	0.005	0.000032	0.0001	<0.00606	<0.00638	<0.00578	<0.048	<0.0554	<0.0527	<0.102	<0.0860	<10.5	<4.81	<9.87	<0.0445	<0.0448	<0.0602	<0.267	<0.0469	<0.0965	<0.0636	<0.0599
Acetone	12000	24	120	0.0551 J	0.0809	0.0626	<1.2	<1.38	<1.32	<2.56	<2.15	<261	<120	<247	<1.11	<1.12	<1.51	<6.68	<1.17	<2.41	<1.59	<1.5
Benzene	1.1	0.0073	0.02	<0.00606	<0.00638	<0.00578	<0.048	<0.0554	<0.0527	<0.102	<0.0860	<10.5	<4.81	<9.87	<0.0445	<0.0448	<0.0602	<0.267	<0.0469	<0.0965	<0.0636	<0.0599
Bromodichloromethane	0.27	0.0029	0.012	<0.00606	<0.00638	<0.00578	<0.048	<0.0554	<0.0527	<0.102	<0.0860	<10.5	<4.81	<9.87	<0.0445	<0.0448	<0.0602	<0.267	<0.0469	<0.0965	<0.0636	<0.0599
Bromoform	61	0.019	0.08	<0.00606	<0.00638	<0.00578	<0.048	<0.0554	<0.0527	<0.102	<0.0860	<10.5	<4.81	<9.87	<0.0445	<0.0448	<0.0602	<0.267	<0.0469	<0.0965	<0.0636	<0.0599
Bromomethane	1.5	0.048	0.2	<0.00606	<0.00638	<0.00578	<0.048	<0.0554	<0.0527	<0.102	<0.0860	<10.5	<4.81	<9.87	<0.0445	<0.0448	<0.0602	<0.267	<0.0469	<0.0965	<0.0636	<0.0599
Carbon tetrachloride	0.61	0.002	0.006	<0.00606	<0.00638	<0.00578	<0.048	<0.0554	<0.0527	<0.102	<0.0860	<10.5	<4.81	<9.87	<0.0445	<0.0448	<0.0602	<0.267	<0.0469	<0.0965	<0.0636	<0.0599
Tetrachloroethene	0.55	0.005	0.014	<0.00606	<0.00638	<0.00578	<0.048	<0.0554	<0.0527	<0.102	0.0507 J	3.87 J	1.11 J	<9.87	<0.0445	<0.0448	<0.0602	<0.267	0.0112 J	<0.0965	<0.0636	<0.0599
Trichloroethene	2.8	0.018	0.06	0.00408 J	0.00281 J	0.0348	0.275	0.43	0.267	1.64	2.75	156	71.9	138	0.31	0.936	1.15	6.28	1.21	1.59	0.485	0.59
Vinyl chloride	0.06	0.00019	0.0006	<0.00606	<0.00638	<0.00578	<0.048	<0.0554	<0.0527	<0.102	<0.0860	<10.5	<4.81	<9.87	<0.0445	<0.0448	<0.0602	<0.267	<0.0469	<0.0965	<0.0636	<0.0599

Notes:

NV - No Value

mg/kg - milligrams per kilogram.

HBSRG - IHSB Residential Health Based Soil Remediation Goal

PGSRG - IHSB Protection of Groundwater Soil remediation Goal

20X Rule - Section D.2.1.2 of the REC Program Guidance (August 2010).

< constituent detected below laboratory reporting limit shown.

Bold values indicate an exceedance of the 20X concentration.

Bold font with shading indicates exceedance of HBSRG

(0-2) Sample interval below ground surface in feet

Table 1**Soil Boring Laboratory Analytical Results - November 2010****NCDOT - Former Asphalt Testing Plant Site****Pittsboro, North Carolina**

Constituent (mg/kg)	HBSRG	PGSRG	20X	B-16				B-17				B-18				B-19				B-20			
				(0-2)	(2-4)	(4-6)	(6-8)	(0-2)	(2-4)	(4-6)	(6-8)	(0-2)	(2-4)	(4-6)	(6-8)	(0-2)	(2-4)	(4-6)	(6-8)	(2-4)	(4-6)	(6-8)	(8-10)
1,1,1-Trichloroethane	--	--	4	<0.0424	0.00136 J	<0.0543	<0.0502	0.00359 J	0.0101	0.00597	0.00352 J	0.0238 J	0.0571	0.054 J	0.0499 J	0.00283 J	0.00668	0.00755	0.0185 J	0.00774	0.00496	0.00256 J	0.00187 J
1,1,2-Trichloroethane	640	1.2	0.012	<0.0424	<0.00544	<0.0543	<0.0502	<0.00434	<0.00533	<0.00591	<0.00511	<0.045	<0.045	<0.062	<0.0519	<0.00466	<0.00512	<0.00554	<0.045	<0.00424	<0.00406	<0.0046	<0.0048
1,2,3-Trichloroproppane	0.005	0.000032	0.0001	<0.0424	<0.00544	<0.0543	<0.0502	<0.00434	<0.00533	<0.00591	<0.00511	<0.045	<0.045	<0.062	<0.0519	<0.00466	<0.00512	<0.00554	<0.045	<0.00424	<0.00406	<0.0046	<0.0048
Acetone	12000	24	120	<1.06	0.109	<1.36	<1.25	0.082	0.0225 J	0.0374 J	0.0523	<1.12	<1.12	<1.55	<1.3	0.171	0.0259 J	0.0293 J	<1.13	0.329	0.165	0.0414 J	0.0155 J
Benzene	1.1	0.0073	0.02	<0.0424	<0.00544	<0.0543	<0.0502	<0.00434	<0.00533	<0.00591	<0.00511	<0.045	<0.045	<0.062	<0.0519	<0.00466	<0.00512	<0.00554	<0.045	<0.00424	<0.00406	<0.0046	<0.0048
Bromodichloromethane	0.27	0.0029	0.012	<0.0424	<0.00544	<0.0543	<0.0502	<0.00434	<0.00533	<0.00591	<0.00511	<0.045	<0.045	<0.062	<0.0519	<0.00466	<0.00512	<0.00554	<0.045	<0.00424	<0.00406	<0.0046	<0.0048
Bromoform	61	0.019	0.08	<0.0424	<0.00544	<0.0543	<0.0502	<0.00434	<0.00533	<0.00591	<0.00511	<0.045	<0.045	<0.062	<0.0519	<0.00466	<0.00512	<0.00554	<0.045	<0.00424	<0.00406	<0.0046	<0.0048
Bromomethane	1.5	0.048	0.2	<0.0424	<0.00544	<0.0543	<0.0502	<0.00434	<0.00533	<0.00591	<0.00511	<0.045	<0.045	<0.062	<0.0519	<0.00466	<0.00512	<0.00554	<0.045	<0.00424	<0.00406	<0.0046	<0.0048
Carbon tetrachloride	0.61	0.002	0.006	<0.0424	<0.00544	<0.0543	<0.0502	<0.00434	<0.00533	<0.00591	<0.00511	<0.045	<0.045	<0.062	<0.0519	<0.00466	<0.00512	<0.00554	<0.045	<0.00424	<0.00406	<0.0046	<0.0048
Tetrachloroethene	0.55	0.005	0.014	<0.0424	0.00203 J	<0.0543	<0.0502	0.0009 J	0.00144 J	<0.00591	<0.00511	<0.045	<0.045	<0.062	<0.0519	<0.00466	<0.00512	<0.00554	<0.045	0.00463	0.00148 J	<0.0046	<0.0048
Trichloroethylene	2.8	0.018	0.06	0.2	0.185	0.156	0.347	0.0372	0.128	0.126	0.0562	0.36	0.698	0.865	0.877	0.00439 J	0.0377	0.093	0.222	0.0323	0.014	0.0071	0.0101
Vinyl chloride	0.06	0.00019	0.0006	<0.0424	<0.00544	<0.0543	<0.0502	<0.00434	<0.00533	<0.00591	<0.00511	<0.045	<0.045	<0.062	<0.0519	<0.00466	<0.00512	<0.00554	<0.045	<0.00424	<0.00406	<0.0046	<0.0048

Notes:

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(0-2) Sample interval below ground surface in feet