



**DAACO, INC.**

Pumps and Tank Contractors

53 West Market Street

Greensboro, N.C. 27409

Phone (919) 294-3199

North Carolina Department of  
Environmental Health and Natural Resources  
8025 North Point Blvd., Suite 100  
Winston Salem, N.C. 27106-3295

November 15, 1990

Attn: Tom Salley

*Copy*

**RE: Site Sensitivity Evaluation for 6000 Gallon, #2 Fuel  
Oil Tank at North State Telephone at Hayden Place.**

Sir,

Enclosed is the evaluation sheet with the information that I could furnish. Two of the categories are left blank, and I will have to take the default values. In the event our score is too high for the 13PPM one of our tests indicated, then we will put in a boring to determine the water table and bedrock depths.

I have included a brief description of how the values were obtained. Our soil pH test was obtained using a sterile container with the soil sample diluted with deionized water, the test was taken six times with the same results of 6 to 7 on the pH scale. A new excavation dug twenty feet west of the existing tank revealed red clay soil with no sign of sedimentary structures or layering of any kind. This excavation was ten feet wide and twelve feet deep as shown on the plot map. There are no artificial conduits running through or beneath the tank hole.

Please call if I can be of further help or if there are any questions.

Sincerely,

DAACO, INC.

*James Harris*  
James Harris

**DAACO, INC.**

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Environment, Health and Natural Resources  
8025 North Point Blvd., Suite 100  
Winston Salem, N.C. 27106-3295

1-21-91

RE: In Place Tank Closure at North State Telephone in High  
Point.

Attn: Tom Salley

Sir,

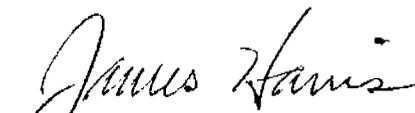
I've enclosed a plot map showing the location of both the new and original underground tanks. Soil samples were taken in June for the closure in place of the existing tank with one sample returning with a value of 16ppm. I spoke with you about the results and you suggested a site sensitivity evaluation to help determine if any remedial action was necessary. The SSE was faxed in November 15, (copies enclosed), and in a phone conversation later that day you said further remediation wouldn't be necessary.

The tank was pumped out and cleaned with county agent Terry Cole inspecting it before it was filled with hydraulic cement. The owners have placed a small building over the existing tank location and intend to install emergency switching equipment in this structure. They would like to obtain a letter of acceptance for the closure and verification that further remediation will not be necessary before permanently installing the equipment. Thank you for your time and attention on this matter. A copy of the lab analysis is attached and was obtained using the 3550 extraction method. The chain of custody was:  
From job site to lab, Billy Grubb

Please contact me if you have any questions.

Sincerely,

DAACO, INC.

  
James Harris



**GUILFORD LABORATORIES, INC.**  
P.O. Box 9735/Plaza Station/Greensboro, N.C. 27408

June 26, 1990

REPORT OF ANALYSIS

JOB #: DAC00621

CUSTOMER: Daaco Inc

ATTN: Chip Harris

P.O.#: JOB 598

SAMPLE: # 3123 SOIL TEST #1  
# 3124 SOIL TEST #2RESULTSTotal Petroleum Hydrocarbons (ppm)  
by Method 355031233124

16

(10)

Guilford Laboratories, Inc.

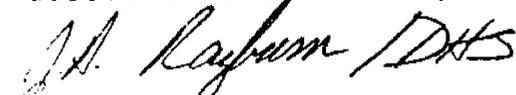
  
J.A. Rayburn

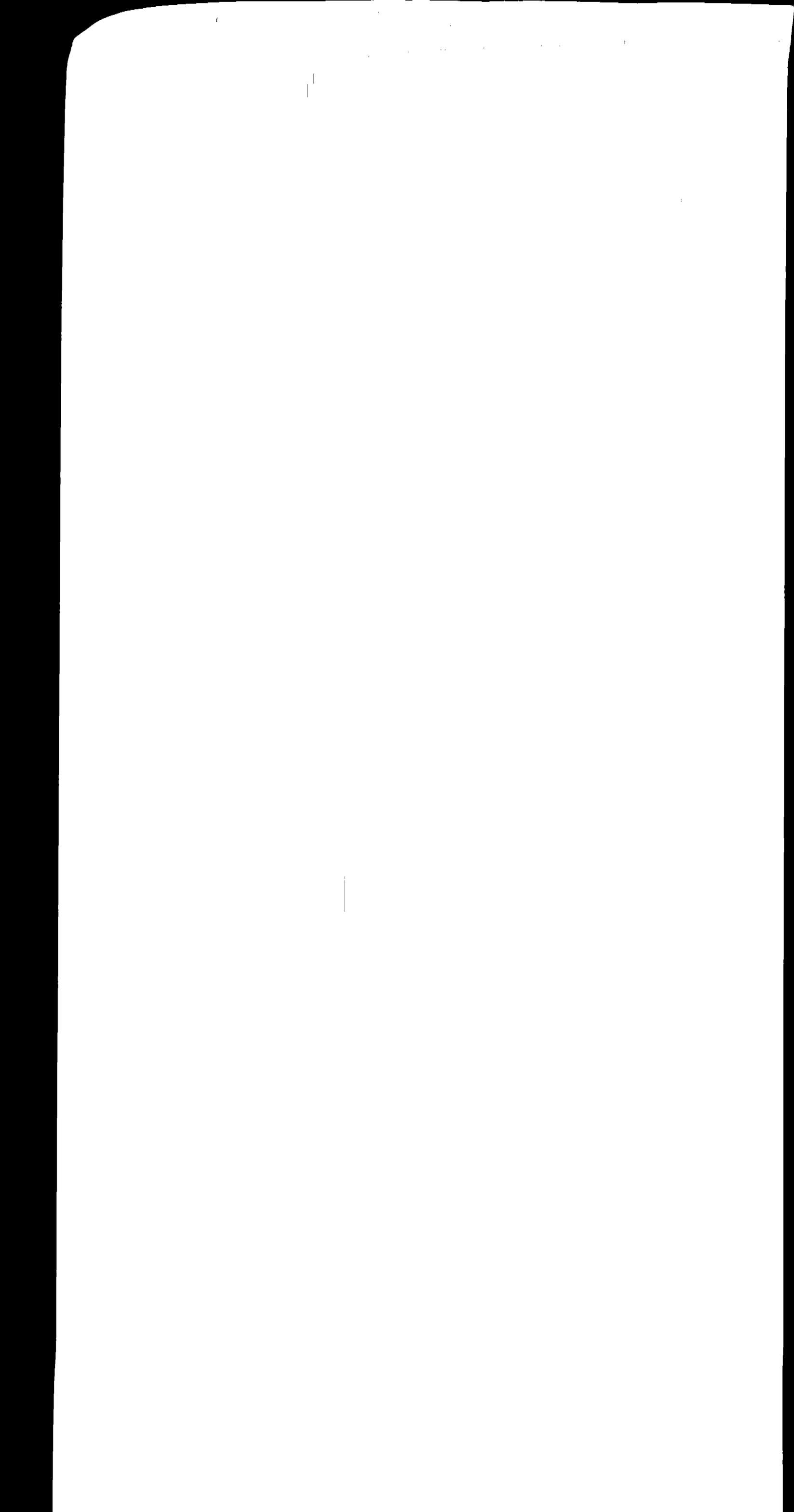
Figure 2

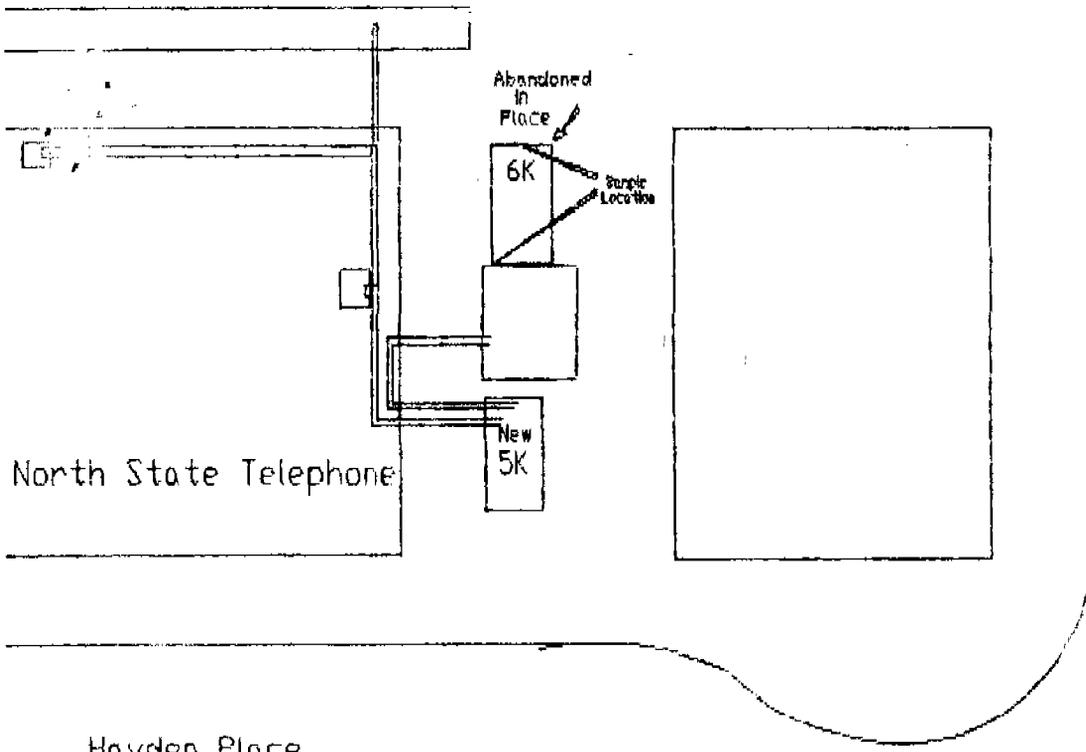
# Site Sensitivity Evaluation (SSE)

Guidelines for Remediation of Soil Contaminated by Petroleum  
North Carolina Division of Environmental Management

Characteristic	Condition	Rating	
Soil pH	pH < 5.0 or pH > 9.0	4	0
	8.0 < pH < 9.0	2	
	5.0 ≤ pH < 6.0	2	
	6.0 ≤ pH ≤ 8.0	0	
Grain Size* Udden-Wentworth Scale	Contains >2/3, Gravel to Coarse Sand. (>1/2mm)	10	0
	Contains >2/3, Medium to Fine Sand (<1/2mm - 1/8mm)	7	
	Contains >2/3, Very Fine Sand to Coarse Silt (<1/8mm - 1/32mm)	4	
	Contains >2/3, Medium Silt and Clay (<1/32mm)	0	
Are Relict Structures, Sedimentary Structures, and/or Textures present in the zone of contamination & underlying "soils"	Present and intersecting the Seasonal High Water Table	10	0
	Present but not intersecting the Seasonal High Water Table	5	
	None Present	0	
Contaminant Class	I Low to Medium Boiling Point Hydrocarbons [C1-C15] and "some military jet fuels"	10	5
	II High Boiling Hydrocarbons [C12-C20] and "other jet fuels"	5	
Distance from Location of Deepest Contaminated Soil (>10 ppm TPH) to Seasonal High Water Table	5 - 10 feet	10	
	>10-40	5	
	>40 feet	0	
Is the Top of Bedrock located above the Seasonal Low Water Table ?	Yes	5	
	No	0	
Is a Confining Layer present between bottom of contaminated soil and water table ?	No	5	5
	Yes	0	
Time since release of contaminant has occurred	>1 yr. or unknown	10	0
	6 months-1 year	5	
	<6 months	0	
Artificial Conduits present within the zone of contamination	Present & intersecting the Seasonal High Water Table	10	0
	Present but not intersecting the Seasonal High Water Table	5	
	Not Present	0	
		<b>TOTAL SCORE</b>	

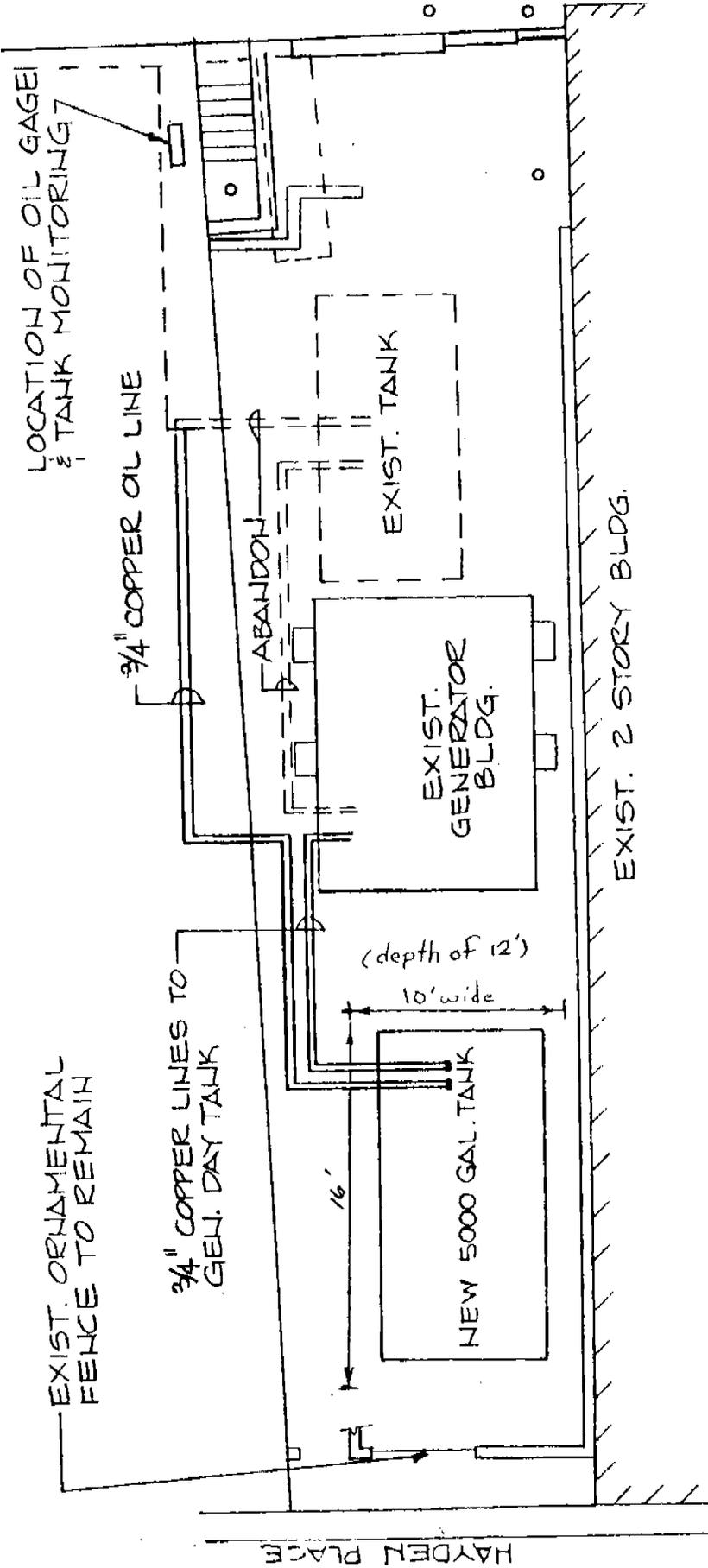
\* Figure 3





North State Telephone

Hayden Place



NEW UNDERGROUND FUEL TANK AT HAYDEN PLACE

1" = 10'-0"