

*ally: Bill Linthicum
Unicom*



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MAY 2 1991

Westinghouse Environmental
and Geotechnical Services, Inc.

May 1, 1991

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(919) 855-7547
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Winston-Salem
Regional Office

North Carolina Department of
Environment, Health and
Natural Resources
8025 North Point Boulevard
Winston-Salem, North Carolina 27106

Attention: Mr. Tom Salley

Reference: W.E. Linthicum Tank Closure
Westinghouse Job No. GBW-A-284

Dear Mr. Salley:

This correspondence serves as documentation of removal of one underground storage tank at the W.E. Linthicum property in High Point, North Carolina. The following information is enclosed, conforming to published "Guidelines for Soil Sampling at Underground Storage Tank Closure Site's", Appendix G.

Two maps are enclosed for location purposes. The tank had a capacity of 1000 gallons and stored diesel fuel. Two soil samples were obtained, one at each end of the tank. The samples were collected from two feet below the tank in undisturbed material.

Each sample was collected using a clean hand-auger. Samples were placed in double plastic storage bags and chilled in a cooler in the field. They were transferred to glass jars and placed in a Westinghouse transpac for chilled shipment to the laboratory.

A copy of the original laboratory results is contained in this report. A site sensitivity sheet, also contained herein provides a total score of 29. Based on the low score, it is our opinion that the site presents a minimum risk to groundwater resources and that no further action at the site is needed.

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High Point 27261
1208 Glenw. 2k Ln.
Hove
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NCDEHNR
May 1, 1991
Page 2

Your attention to this information is appreciated. Please call me if you have any questions concerning this matter.

Sincerely,

Westinghouse Environmental and
Geotechnical Services, Inc.



Jim Buschur
Environmental Scientist

JB/vr

Enclosure(s)



Westinghouse Environmental
and Geotechnical Services, Inc.

9751 Southern Pine Boulevard
Charlotte, North Carolina 28273
P.O. Box 7668
Charlotte, North Carolina 28241-7668
(704) 523-4726
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Total Petroleum Hydrocarbons

Westinghouse Job No.: 1357-91-1246

Sample Identification: Lintilicum (GBWA2B4)

Date Analyzed: 4/29/91 Analyst: Zedric Ware/Stephanie Davis

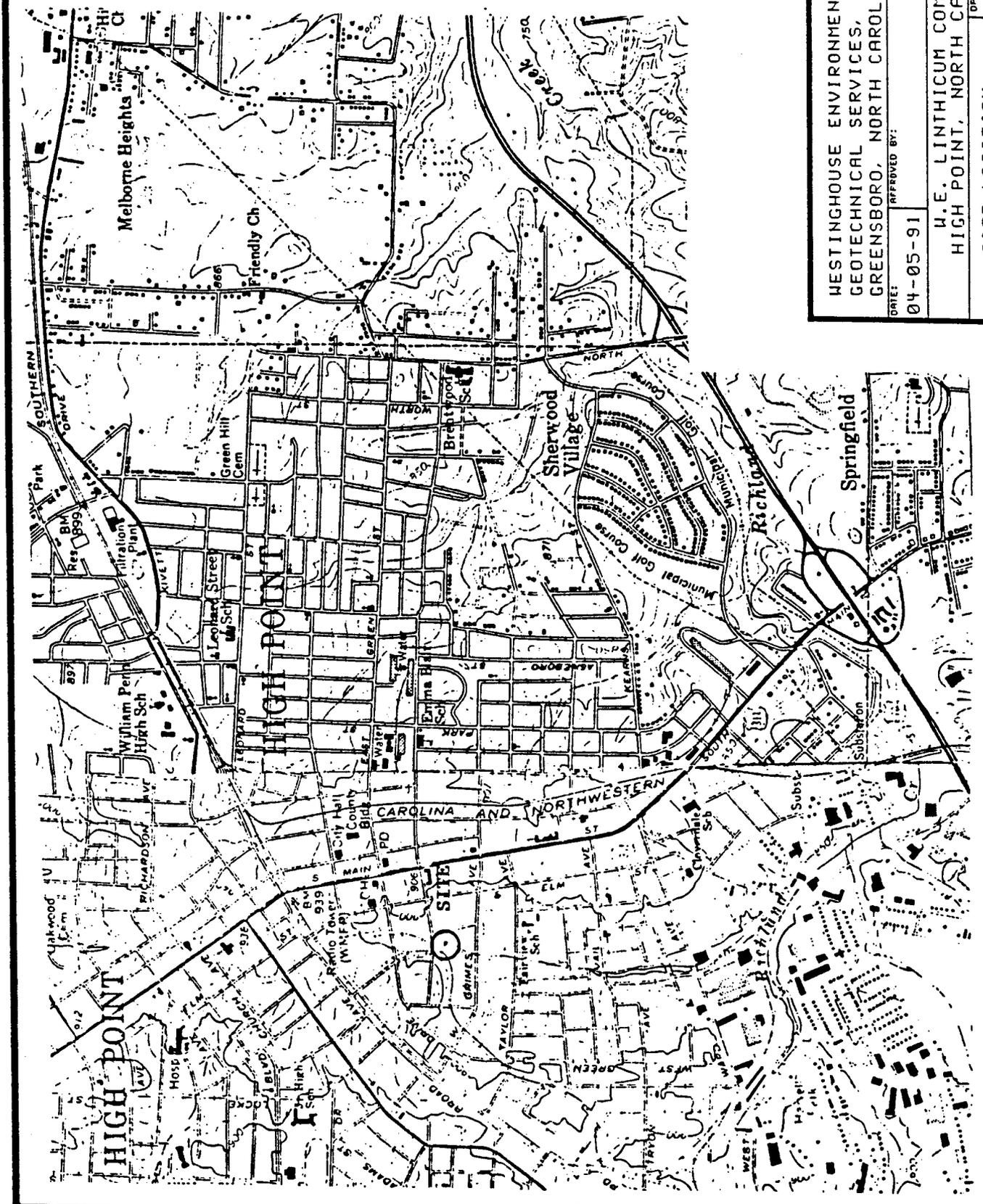
<u>Sample I.D.</u>	<u>Lab No.</u>	<u>Semi-Volatiles</u>		<u>Volatiles</u>	
		<u>Quant. Limit</u> <u>mg/Kg</u>	<u>Results</u> <u>mg/Kg</u>	<u>Quant. Limit</u> <u>mg/Kg</u>	<u>Results</u> <u>mg/Kg</u>
# 1	6178	5.0	24.8	0.1	4.5
# 2	6179	5.0	14.8	0.1	4.8

Comments: Semi-Volatile analysis: Extraction (SW-846, Method 3550); results expressed as mg diesel fuel per kg soil.
Volatile analysis: Purge and Trap (SW-846, Method 5030); results expressed as mg gasoline per kg soil.

BQL = Below Quantitation Limit

QA/QC Supervisor: Fred L. Koenig Date: 4/30/91

N.C. State Wastewater #321, S.C.D.H.E.C. #99033

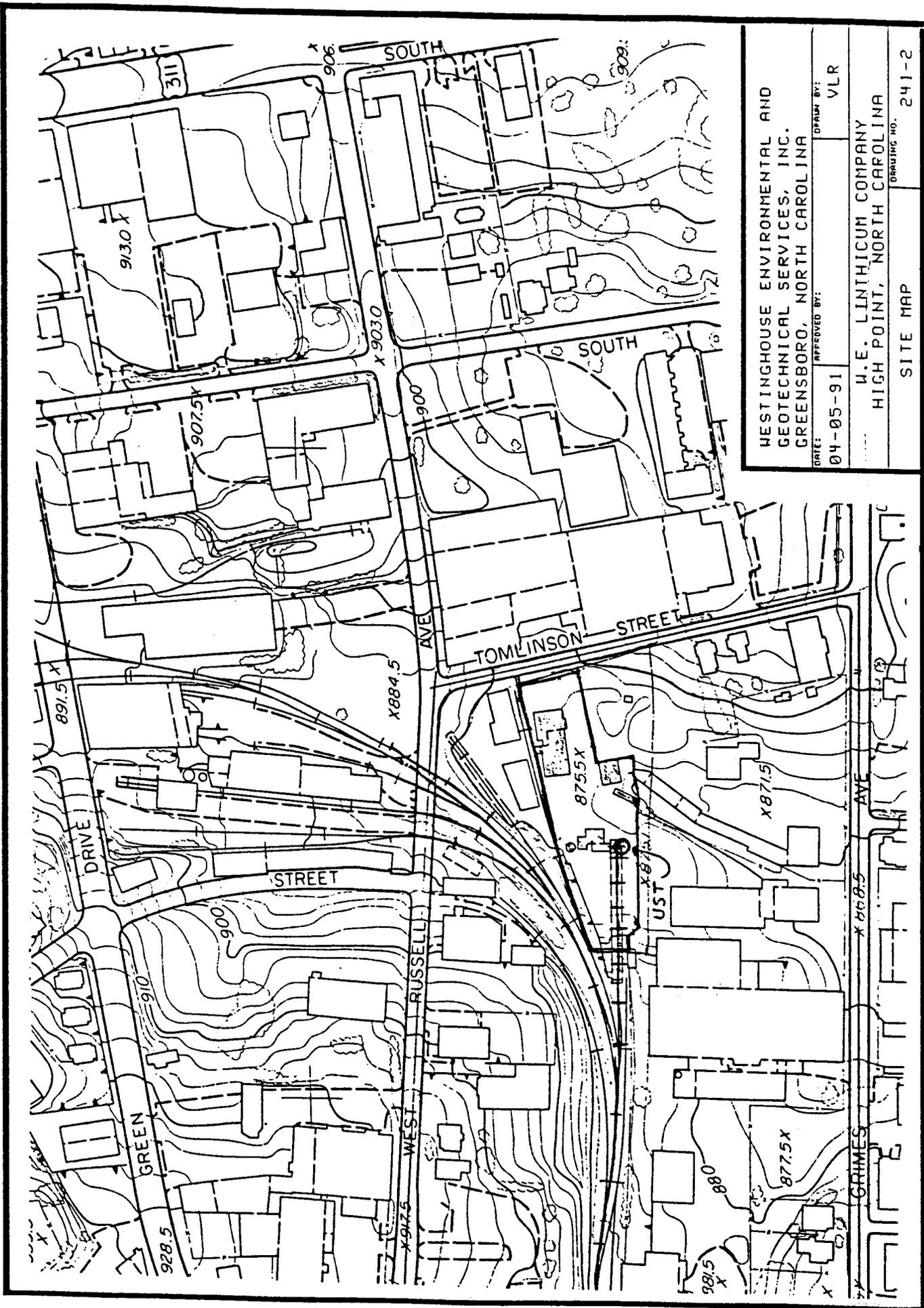


WESTINGHOUSE ENVIRONMENTAL AND
 GEOTECHNICAL SERVICES, INC.
 GREENSBORO, NORTH CAROLINA

DATE: 04-05-91 APPROVED BY: VLR

U.E. LINTHICUM COMPANY
 HIGH POINT, NORTH CAROLINA

SITE LOCATION DRAWING NO. 241-1



WESTINGHOUSE ENVIRONMENTAL AND
 GEOTECHNICAL SERVICES, INC.
 GREENSBORO, NORTH CAROLINA

DATE: 04-05-91 APPROVED BY: VLR

U.E. LINTHICUM COMPANY
 HIGH POINT, NORTH CAROLINA

SITE MAP DRAWING NO. 241-2

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	4
	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
	>10-40	5	
	>40 feet	0	
Is the Top of Bedrock located above the Seasonal Low Water Table ?	Yes	5	0
	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	5
	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	

* Figure 3

**TOTAL
SCORE**

29