

ENVIROMARK, P.A.
ENVIRONMENTAL SERVICES
108 Coleman Avenue • Asheville, NC 28801
Tel (704) 254-4300

RECEIVED
N.C. Dept. of EHNR

AUG 25 1997

August 15, 1997

Mr. Thomas Moore, Hydrogeological Technician
NC DEHNR/DWQ Groundwater Section
585 Waughtown Street
Winston-Salem, NC 27107-2241

Winston-Salem
Regional Office

SUBJECT: Underground Storage Tank (UST) Closure Assessment at North Bridge Street BP, 666 N. Bridge Street, Elkin, Surry County.

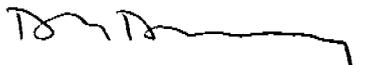
Dear Mr. Moore:

This letter is in response to the June 16, 1997 letter from the Groundwater Section of the Winston-Salem Regional Office to Mr. Ted M. Hall with Colonial Distributors Inc., requiring the following information to complete the UST Closure Assessment for North Bridge Street BP:

- A. Additional samples were taken and analyses were run for the completion of the original closure report.
- B. Samples were taken under the former waste oil tank, swing joint and dispenser per state guidelines (see map and analyses, attached).
- C. A sample was taken under the product line per state guidelines (see map and analyses, attached).
- D. Tanks were cut up by Colonial Distributors personnel and taken to a local scrap yard. No receipt or manifest was provided.
- E. A small quantity of sludge was generated, drummed and taken by Colonial Distributors for future disposal. Sludge is no longer present on-site.

Sincerely,

ENVIROMARK, P.A.


D. Mark Durway, LG 875

cc: Ted M. Hall



JUN-24-97 MON 11:42 AM COLONIAL DIST. INC.

1 910 526 2000

P.01

State of North Carolina
Department of Environment,
Health and Natural Resources
Winston-Salem Regional Office

James B. Hunt, Jr., Governor
Jonathan B. Howes, Secretary



June 16, 1997

AUG 25 1997

Winston-Salem
Regional Office

CERTIFIED MAIL: P-536 310 131
RETURN RECEIPT REQUESTED

Ted M. Hall
Colonial Distributors, Inc.
136 Bluff Street,
Jonesville, NC 28642

SUBJECT: Underground Storage Tank (UST) Closure Assessment at North Bridge Street
BP, 666 N. Bridge Street, Elkin, Surry County;

Dear Mr. Hall:

The Groundwater Section of the Winston-Salem Regional Office is now reviewing the UST closure assessment for the subject location. Originally, submitted reports are reviewed based on requirements outlined in representative guidelines at the time of UST permanent closure. In order to determine whether or not the closure was performed in accordance with State or Federal regulations and/or guidelines, the Groundwater Section must be provided with the following information:

- A. refer to the enclosed chart(s) for analyses that are required to be run and were not for the original closure report, please resample as needed;
- B. unless the tank excavation extended to all areas of the dispenser locations, samples are needed under associated dispensers -- one sample beneath each coupling joint location (swing joint, flexible connector) and one additional sample for every ten feet of island;
- C. sample under all associated product lines with no less than one sample for lines 20 feet or shorter, and at least one sample for every 20 feet thereafter;
- D. the disposal manifest for the tank(s) OR the address of the person/company the tank(s) were transferred to, along with their letter of acceptance; and,
- E. the disposal manifest for sludge contents from all tanks.

585 Waughtown Street
Winston-Salem, North Carolina 27107-2241
Voice 910-771-4600



FAX 910-771-4632
An Equal Opportunity/Affirmative Action Employer
50% recycled/10% post-consumer paper

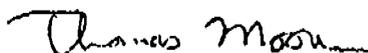
North Bridge Street BP**June 16, 1997****Page 2 of 2**

Due to staffing constraints and excessive workloads, we did not have the opportunity to review your report until now. The above referenced items required by our regulations and/or guidelines, appear to be missing from the closure report. The item(s) should have been included in the initial closure report. Your cooperation in submittal of this required information is appreciated. Submission of these items will allow for a final review and consideration for closeout of the subject site. Please be advised that failure to submit the requested item(s) by the deadline specified in this letter will result in our inability to close your site, and may result in the recommendation for enforcement action for failure to submit a complete report.

Please submit the requested information listed above *30 days from receipt of this letter.*

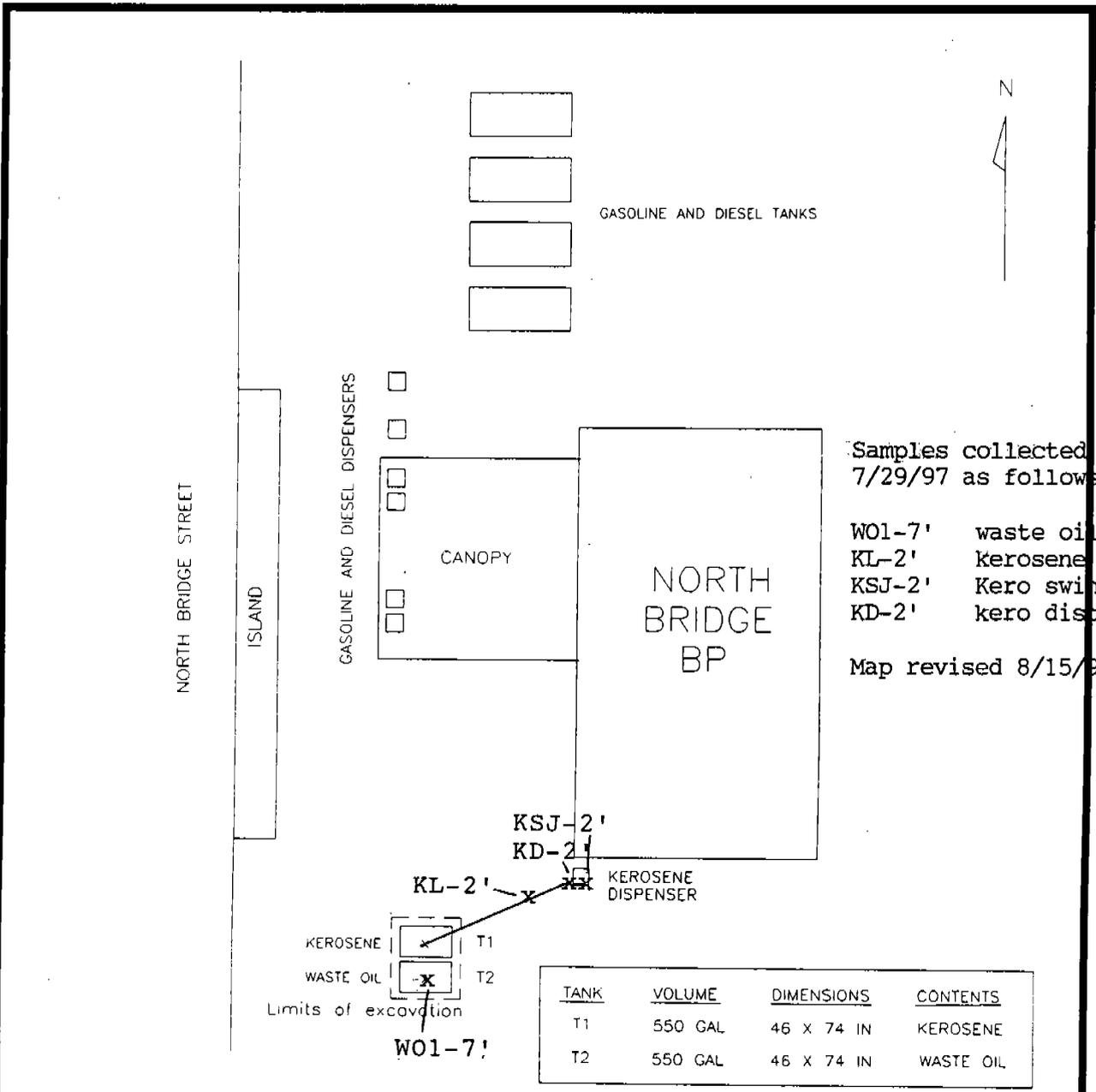
If sampling was requested, it must be conducted according to current guidelines. All soil/groundwater sample analyses must be accompanied by a chain-of-custody and the sampling protocol. *Please note that all subsurface investigative work is now required to be supervised by a North Carolina Licensed Geologist or Professional Engineer, with all reports signed and sealed by that professional.* Please refer to the file name, North Bridge Street BP, on the cover letter of your reply. This will help us speed up the review. If you have any questions, please contact me at the letterhead address and/or telephone number.

Sincerely,



Thomas Moore
Hydrogeological Technician

cc: Regional Office Files



Samples collected
7/29/97 as follows:

- W01-7' waste oil tank
- KL-2' kerosene line
- KSJ-2' Kero swing joint
- KD-2' kero dispenser

Map revised 8/15/97

TANK	VOLUME	DIMENSIONS	CONTENTS
T1	550 GAL	46 X 74 IN	KEROSENE
T2	550 GAL	46 X 74 IN	WASTE OIL

PUBLIC WELLS

AREA IS SERVICED BY CITY WATER LINES. NO WELLS ARE LOCATED WITHIN 1500 FT RADIUS OF SITE.

NEAREST PERENNIAL SURFACE WATER

SITE IS >1500 FT UPGRADIENT OF THE NEAREST PERENNIAL STREAM TO WHICH SITE AREA DRAINS.

UNDERGROUND UTILITIES

CITY WATER AND SEWER LINES. EXACT LOCATIONS UNKNOWN. POSSIBLE OTHER SUBSURFACE UTILITIES IN AREA.

ENVIRONMENTAL MARK
108 Coleman Avenue
Asheville, NC 28801
704-254-4300

DRAWN BY: JKC
DATE: 1-3-96
JOB#: 1154
CAD FILE: 1154BP.DWG

KEY

-- TANK PIT
X SAMPLE LOCATION
BDL BELOW DETECTION LIMIT
() TPH IN MG/KG

0 ————— 20
FEET

FIGURE 2. NORTH BRIDGE BP
666 NORTH BRIDGE ST
ELKIN, NC

SITE LAYOUT, SAMPLE LOCATIONS,
WATER SUPPLIES, AND OTHER
INFORMATION



ENVIRONMENTAL TESTING & CONSULTING, INC.

2924 Walnut Grove Road • Memphis, TN 38111 • (901) 327-2750 • FAX (901) 327-6384

Founded 1972

August 13, 1997

Mr. Mark Durway
Enviromark, P.A.
108 Coleman Avenue
Asheville, NC 28801

Ref: Analytical Testing
ETC Order # 9707933
Project Description 1154 NRBP

The above referenced project has been analyzed per your instructions. The analyses were performed in our laboratory in accordance with Standard Methods 17th/18th Edition; The Solid Waste Manual SW-846; EPA Methods for the Analysis of Water and Wastes and/or 40 CFR part 136.

The results are shown on the attached analysis sheet(s).

Please do not hesitate to contact our office if you have any questions.

Sincerely,

Nathan A. Pera, IV
Chief Executive Officer

rt
Attachment

ENVIROMARK

Certifications

Tennessee	#02027	New Jersey	#81617
Arkansas		Mississippi	
Alabama	#40730	Oklahoma	#9311
Kentucky	#90047	Virginia	#00106
North Carolina	#415	Washington	#C248
South Carolina	#84002002	US Army Corps of Engineers	
	#84002001		

ENVIRONMENTAL TESTING & CONSULTING, INC.

2924 Walnut Grove Road - Memphis, TN 38111 - (901)327-2750

INORGANIC ANALYSIS DATA SHEET

Client Name **Enviromark, P.A.**
108 Coleman Avenue
Asheville, NC 28801

Project #
FID #

Site ID 1154 NRBP

Date Arrived 07/31/97
ETC Order Number 9707933

ETC Lab ID 9707933-01
Sample ID: WO1-7'

Matrix :SOLID
Sample Date :07/29/97

TEST	RESULT UNITS: (mg/L)	DL	DATE ANALYZED	BY	METHOD
Arsenic - TCLP	<0.250	0.250	08/04/97	TD	6010A
Barium - TCLP	0.646	0.010	08/04/97	TD	6010A
Cadmium - TCLP	<0.020	0.020	08/04/97	TD	6010A
Chromium - TCLP	<0.035	0.035	08/04/97	TD	6010A
Lead - TCLP	0.682	0.225	08/04/97	TD	SW6010A
Mercury - TCLP	<0.001	0.001	08/12/97	TD	7470
Selenium - TCLP	<0.375	0.375	08/04/97	TD	6010A
Silver - TCLP	<0.035	0.035	08/04/97	TD	6010A
TCLP Extraction	Leachate			TL	1311

DL - Detection Limit


LABORATORY MANAGER

ENVIRONMENTAL TESTING & CONSULTING, INC.

2924 Walnut Grove Road - Memphis, TN 38111 - (901)327-2750

ORGANIC ANALYSIS DATA SHEET

Client Name **Enviromark, P.A.**
108 Coleman Avenue
Asheville, NC 28801

Project #
FID #

Site ID 1154 NRBP

Date Arrived 07/31/97
ETC Order Number 9707933

ETC Lab ID 9707933-01
Sample ID: WO1-7'

Matrix :SOLID
Sample Date :07/29/97

TEST	RESULT	UNITS	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	BY	METHOD
Aromatic Volatiles							8021
					08/01/97	MK	
Dichlorodifluoromethane	ND	ug/Kg	1.00				
Chloromethane	ND	ug/Kg	1.00				
Vinyl Chloride	ND	ug/Kg	1.00				
Bromomethane	ND	ug/Kg	1.00				
Chloroethane	ND	ug/Kg	1.00				
Trichlorofluoromethane	ND	ug/Kg	1.00				
1,1-Dichloroethene	ND	ug/Kg	1.00				
Methylene Chloride	ND	ug/Kg	1.00				
trans-1,2-Dichloroethane	ND	ug/Kg	1.00				
1,1-Dichloroethane	ND	ug/Kg	1.00				
2,2-Dichloropropane	ND	ug/Kg	1.00				
cis-1,2-Dichloroethene	ND	ug/Kg	1.00				
Chloroform	ND	ug/Kg	1.00				
Bromochloromethane	ND	ug/Kg	1.00				
1,1,1-Trichloroethane	ND	ug/Kg	1.00				
1,1-Dichloropropene	ND	ug/Kg	1.00				
Carbon Tetrachloride	ND	ug/Kg	1.00				
Benzene	ND	ug/Kg	1.00				
1,2-Dichloroethane	ND	ug/Kg	1.00				
Trichloroethene	ND	ug/Kg	1.00				
1,2-Dichloropropane	ND	ug/Kg	1.00				
Bromodichloromethane	ND	ug/Kg	1.00				
Dibromomethane	ND	ug/Kg	1.00				
Toluene	ND	ug/Kg	1.00				
1,1,2-Trichloroethane	ND	ug/Kg	1.00				
Tetrachloroethene	ND	ug/Kg	1.00				
1,3-Dichloropropane	ND	ug/Kg	1.00				
Dibromochloromethane	ND	ug/Kg	1.00				
1,2-Dibromomethane	ND	ug/Kg	1.00				
Chlorobenzene	ND	ug/Kg	1.00				
Ethyl benzene	ND	ug/Kg	1.00				
1,1,1,2-Tetrachloroethane	ND	ug/Kg	1.00				
m,p-Xylene	ND	ug/Kg	1.00				
o-Xylene	ND	ug/Kg	1.00				
Styrene	ND	ug/Kg	1.00				
Isopropyl benzene	ND	ug/Kg	1.00				
Bromoform	ND	ug/Kg	1.00				
1,1,2,2-Tetrachloroethane	ND	ug/Kg	1.00				
1,2,3-Trichloropropane	ND	ug/Kg	1.00				
n-Propyl benzene	ND	ug/Kg	1.00				
Bromobenzene	ND	ug/Kg	1.00				
1,3,5-Trimethyl benzene	ND	ug/Kg	1.00				

ND - Not Detected


LABORATORY MANAGER

ENVIRONMENTAL TESTING & CONSULTING, INC.

2924 Walnut Grove Road - Memphis, TN 38111 - (901)327-2750

ORGANIC ANALYSIS DATA SHEET

Client Name **Enviromark, P.A.**
108 Coleman Avenue
Asheville, NC 28801

Project #
FID #

Site ID 1154 NRBP

Date Arrived 07/31/97
ETC Order Number 9707933

ETC Lab ID 9707933-01
Sample ID: WO1-7'

Matrix :SOLID
Sample Date :07/29/97

TEST	RESULT	UNITS	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	BY	METHOD
Aromatic Volatiles							
					08/01/97	MK	8021
2-Chlorotoluene	ND	ug/Kg	1.00				
4-Chlorotoluene	ND	ug/Kg	1.00				
tert-butyl benzene	ND	ug/Kg	1.00				
1,2,4-Trimethylbenzene	ND	ug/Kg	1.00				
sec-Butylbenzene	ND	ug/Kg	1.00				
p-Isopropyltoluene	ND	ug/Kg	1.00				
1,3-Dichlorobenzene	ND	ug/Kg	1.00				
1,4-Dichlorobenzene	ND	ug/Kg	1.00				
n-butylbenzene	ND	ug/Kg	1.00				
1,2-Dichlorobenzene	ND	ug/Kg	1.00				
1,2-Dibromo-3-Chloropropane	ND	ug/Kg	1.00				
1,2,4-Trichlorobenzene	ND	ug/Kg	1.00				
Hexachlorobutadiene	ND	ug/Kg	1.00				
Napthalene	ND	ug/Kg	1.00				
1,2,3-Trichlorobenzene	ND	ug/Kg	1.00				
Surrogate Standard							
		% Recovery		QC Limits			
S1 - Dichlorobutane		100	25	110			
S2 - Fluorobenzene		87	25	110			

ND - Not Detected


LABORATORY MANAGER

ENVIRONMENTAL TESTING & CONSULTING, INC.
 2924 Walnut Grove Road - Memphis, TN 38111 - (901)327-2750
ORGANIC ANALYSIS DATA SHEET

Client Name **Enviromark, P.A.**
 108 Coleman Avenue
 Asheville, NC 28801

Project #
 FID #

Site ID 1154 NRBP

Date Arrived 07/31/97
 ETC Order Number 9707933

ETC Lab ID 9707933-02
Sample ID: KL-2'

Matrix :SOIL
 Sample Date :07/29/97

TEST	RESULT	UNITS	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	BY	METHOD
Petroleum Hydrocarbons EXT							8015M
Extractable Range	ND	mg/Kg	10.0	08/04/97	08/05/97	JP	
<u>Surrogate Standard</u>	<u>% Recovery</u>		<u>QC Limits</u>				
S1 - OTP	64		50	150			

ND - Not Detected

Michael J. Guffman
 LABORATORY MANAGER

ENVIRONMENTAL TESTING & CONSULTING, INC.

2924 Walnut Grove Road - Memphis, TN 38111 - (901)327-2750

ORGANIC ANALYSIS DATA SHEET

Client Name: Enviromark, P.A.
108 Coleman Avenue
Asheville, NC 28801

Project #
FID #

Site ID: 1154 NRBP

Date Arrived: 07/31/97
ETC Order Number: 9707933

ETC Lab ID: 9707933-02

Sample ID: KL-2'

Matrix: SOIL
Sample Date: 07/29/97

TEST	RESULT	UNITS	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	BY	METHOD
Petroleum Hydrocarbons VOC							8015M
Volatile Range	ND	mg/Kg	10.0	08/01/97	08/01/97	QM	
<u>Surrogate Standard</u>	<u>% Recovery</u>		<u>QC Limits</u>				
S1 - BFB	109		50	150			

ND - Not Detected


LABORATORY MANAGER

ENVIRONMENTAL TESTING & CONSULTING, INC.
 2924 Walnut Grove Road - Memphis, TN 38111 - (901)327-2750
ORGANIC ANALYSIS DATA SHEET

Client Name **Enviromark, P.A.**
 108 Coleman Avenue
 Asheville, NC 28801

Project #
 FID #

Site ID 1154 NRBP

Date Arrived 07/31/97
 ETC Order Number 9707933

ETC Lab ID 9707933-03
Sample ID: KD-2'

Matrix :SOIL
 Sample Date :07/29/97

TEST	RESULT	UNITS	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	BY	METHOD
Petroleum Hydrocarbons EXT							8015M
Extractable Range	ND	mg/Kg	10.0	08/04/97	08/05/97	JP	
Surrogate Standard	% Recovery		QC Limits				
S1 - OTP	69		50	150			

ND - Not Detected

 LABORATORY MANAGER

ENVIRONMENTAL TESTING & CONSULTING, INC.

2924 Walnut Grove Road - Memphis, TN 38111 - (901)327-2750

ORGANIC ANALYSIS DATA SHEET

Client Name **Enviromark, P.A.**
108 Coleman Avenue
Asheville, NC 28801

Project #
FID #

Site ID 1154 NRBP

Date Arrived 07/31/97
ETC Order Number 9707933

ETC Lab ID 9707933-03

Sample ID: KD-2'

Matrix :SOIL
Sample Date :07/29/97

TEST	RESULT	UNITS	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	BY	METHOD
Petroleum Hydrocarbons VOC							8015M
Volatile Range	ND	mg/Kg	10.0	08/01/97	08/01/97	QM	
<u>Surrogate Standard</u>	<u>% Recovery</u>		<u>QC Limits</u>				
S1 - BFB	99		50	150			

ND - Not Detected


LABORATORY MANAGER

ENVIRONMENTAL TESTING & CONSULTING, INC.
 2924 Walnut Grove Road - Memphis, TN 38111 - (901)327-2750
ORGANIC ANALYSIS DATA SHEET

Client Name **Enviromark, P.A.**
 108 Coleman Avenue
 Asheville, NC 28801

Project #
 FID #

Site ID 1154 NRBP

Date Arrived 07/31/97
 ETC Order Number 9707933

ETC Lab ID 9707933-04
Sample ID: KSJ-2'

Matrix :SOIL
 Sample Date :07/29/97

TEST	RESULT	UNITS	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	BY	METHOD
Petroleum Hydrocarbons EXT							8015M
Extractable Range	ND	mg/Kg	10.0	08/04/97	08/05/97	JP	
Surrogate Standard	% Recovery		QC Limits				
S1 - OTP	61		50	150			

ND - Not Detected

Michael Kaufman
 LABORATORY MANAGER

ENVIRONMENTAL TESTING & CONSULTING, INC.
 2924 Walnut Grove Road - Memphis, TN 38111 - (901)327-2750
ORGANIC ANALYSIS DATA SHEET

Client Name **Enviromark, P.A.**
 108 Coleman Avenue
 Asheville, NC 28801

Project #
 FID #

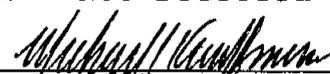
Site ID 1154 NRBP

Date Arrived 07/31/97
 ETC Order Number 9707933

ETC Lab ID 9707933-04
Sample ID: KSJ-2'

Matrix :SOIL
 Sample Date :07/29/97

TEST	RESULT	UNITS	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	BY	METHOD
Petroleum Hydrocarbons VOC							8015M
Volatile Range	ND	mg/Kg	10.0	08/01/97	08/01/97	QM	
<u>Surrogate Standard</u>	<u>% Recovery</u>		<u>OC Limits</u>				
S1 - BFB	98		50	150			

ND - Not Detected

 LABORATORY MANAGER

