GEO-TECH PROJECT NO. 01216

LIMITED SITE ASSESSMENT REPORT

BELL DRY CLEANERS
11600 JONES ROAD
HOUSTON, TEXAS 77070

RESPONSIBLE PARTY:

STERLING BANK
11600 JONES ROAD
HOUSTON, TEXAS 76541

REPORT DATE
JULY 9, 2001

SUBMITTED BY:
GEO-TECH ENVIRONMENTAL, INC.
RCAS NO. 0008

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1.0 PROJECT SUMMARY

1.1 Project Background

Geo-Tech Environmental, Inc. (Geo-Tech) was retained to perform a Limited Site Assessment (LSA) on Bell Dry Cleaners located at 11600 Jones Road. A review of past environmental documentation shows two previous Phase I's have been conducted on the Retail Shopping Center located at 11600 Jones Road, which includes the Bell Dry Cleaners.

On November 1994, Associated Environmental Consultants, Inc. conducted a Phase I Environmental Site Assessment. During this investigation it was recommended that a response action was not necessary at the time. However, the tenants, Bell Cleaners, and Advanced Auto Repair, should be continually monitored to ensure that the operations and facilities are in compliance with applicable local, state and federal regulations.

Geo-Tech conducted a Phase I Environmental Assessment on June 5, 2001. In this assessment it was stated that due to the inherent risk associated with dry cleaning operations it cannot be clearly stated that no environmental impact has occurred. Geo-Tech recommended that a subsurface investigation and groundwater study (LSA) be conducted around the dry cleaners to determine if typical dry cleaning chemicals are present in quantities above the regulatory limit.

The attached report details the findings of the LSA investigation.

1.2 Scope of Work

1. Advance three borings onsite, then convert the borings into temporary monitoring wells.
2. Submit one soil and one groundwater sample per boring and well to the laboratory for Volatile Organic Compound (VOC) analyses.
3. Evaluate initial sample results.
4. Prepare a report documenting findings.

1.3 Findings and Conclusions

Geo-Tech has completed its Limited Site Assessment. The laboratory analyses showed VOC levels below laboratory Practical Quantitation Levels (PQL) in all samples tested with the exception of samples B3-25, TMW1, TMW2 and TMW3.

Soil sample B3-25 was below laboratory PQL with the exception of two analytes, Dichloroethene cis -1.2 (0.326 mg/kg) and Tetrachloroethene (0.767 mg/kg), which are above the Texas Natural Resource Conservation Commission (TNRCC) Texas Risk Reduction Program (TRRP) Levels of 0.025 mg/kg and 0.500 mg/kg, respectively.

Groundwater samples TMW-1, TMW-2, and TMW-3 were below laboratory PQL with the exception of three analytes, Vinyl Chloride CC (0.122 mg/L), (0.028 mg/L), (0.007 mg/L), Trichloroethene (0.242 mg/L), (0.010 mg/L), (0.025 mg/L), and Tetrachloroethene (0.833 mg/L), (0.028 mg/L), (0.339 mg/L), which are above the TNRCC TRRP Levels of (0.002 mg/L), (0.005 mg/L), (0.005 mg/L), respectively.

The above analytes are all chemicals associated with dry cleaning operations. The most important hazard associated with dry cleaning operations arises from the use of a liquid known as perchloroethylene (PERC). Chemicals typically associated with PERC are Trichloroethene and tetrachloroethene. Although PERC is the most common cleaning solvent used in the dry cleaning industry, it is also suspected of causing cancer and has been found to be moderately toxic to people. It is classified as a pollutant in both air and water regulations, and its disposal is regulated as a hazardous waste.

1.4 Recommendations:

Geo-Tech recommends reporting all lab results to the TNRCC. Geo-Tech will notify the TNRCC at the request of the property owner. The property owner should comply with all TNRCC directives, if any.

The owner of the subject property should consider entering into the TNRCC Voluntary Cleanup Program (VCP). The Texas VCP provides administrative, technical, and legal incentives to encourage the cleanup of contaminated sites in Texas. Since all non-responsible parties, including future lenders and landowners, receive protection from liability by the state of Texas for clean-up of sites under the VCP, most of the constraints for completing real estate transactions at those sites are eliminated. As a result, many unused or under used properties may be restored to economically productive use, or use benefiting the community. Also under the VCP, site cleanups follow a streamlined approach to reduce future human and environmental risk to safe levels. Any site not subject to an order or permit from the TNRCC is eligible to enter the VCP, except where TNRCC enforcement action is pending. Typical applicants include dry cleaners, manufacturing facilities, shopping centers, warehouses, and other commercial and industrial enterprises.

Through past experience we have found the best and most cost-effective solution to this type of environmental situation is to enter into the Voluntary Cleanup Program (VCP). Entering into the VCP entails filling out an application and submitting pertinent documents, including a Site Investigative Report (SIR), to the TNRCC for review. It would have to be accompanied by a $1,000.00 check to the TNRCC. The cost to prepare a (SIR) is $2500.00. Upon review of the SIR, the TNRCC coordinator may require additional assessment before issuing a closure. The time frame is approximately 60 days to prepare, submit and receive feedback from the TNRCC. Should they require additional cleanup, Geo-Tech could design a remediation strategy to obtain a closure.

1.5 Limitations of Assessment:

This Report was commissioned and prepared for the sole benefit of Sterling Bank. Geo-Tech has prepared this report and has no objections to the client's reliance upon it subject to the limitations outlined in this report and in Geo-Tech's Standard Agreement. This report may not be relied upon by any other persons or entity without the written authorization of Geo-Tech.

In preparing this report, Geo-Tech has utilized information gathered by our own inspection, in-house interpretation, information obtained from public records research (State, Federal, and local databases, laboratory data, other secondary sources), and personal interviews to compile this report. Except as set forth in this report, Geo-Tech has made no independent investigation as to the accuracy or completeness of the information obtained from these secondary sources or personal interviews, and has assumed such information to be accurate and complete.

All findings, conclusions, and recommendations in this report are based on facts and circumstances as they existed when it was prepared. A change in any material fact or circumstance therefore, may similarly affect the findings, conclusions, and recommendations outlined in this report.

This Limited Site Assessment was conducted according to principles and practices of those engaged in the industry. It is impossible to guarantee that every factor will be discovered. No warranty, either expressed or implied, is made on the completeness or accuracy of this work.

Respectfully submitted,

GEO-TECH ENVIRONMENTAL, INC.

Michael T. Harol
Vice-President

2.0 ASSESSMENT

This section describes the soil investigation, sampling methodology including laboratory testing methods and the sample results. Further, this section describes the current general TNRCC guidelines for assessing the releases at this site.

2.1 Investigation

Three borings were advanced onsite by Geo-Tech to a depth of 25'. Field tests using an Organic Vapor Analyzer (OVA) did not indicate any VOCs so a composite sample was made from each boring from a depth of one to twenty five feet. Boring B1 was located at the south side of the building. Boring B2 and B3 were advanced at opposite corners of the building along the north side. The three borings were converted into temporary monitoring wells and three water samples were collected. The samples were then submitted to A & B laboratory for analyses. The lithology was similar for all three borings, the following is a description of the borings.

Depth	Description
0'-2"	Concrete, Grass and Overburden
2"-5'	Light gray plastic clay with minor silt components
5'-10"	Light gray to green silty clay with reddish brown streaks
10'-20'	Reddish brown plastic silty clay
20'	Groundwater
20'-25'	Reddish brown moist silt white calcareous concretions (caliche) at the bottom

2.2 Discussion of Analysis

The laboratory analyses showed VOC levels below laboratory Practical Quantitation Levels (PQL) in all samples tested with the exception of sample B3-25, TMW1, TMW2 and TMW3.

Soil sample B3-25 was below laboratory PQL with the exception of two analytes, Dichloroethene cis -1.2 (0.326 mg/kg) and Tetrachloroethene (0.767 mg/kg), which are above the TNRCC TRRP Levels of 0.025 mg/kg and 0.500 mg/kg, respectively.

Groundwater samples TMW-1, TMW-2, and TMW-3 were below laboratory PQL with the exception of three analytes, Vinyl Chloride CC (0.122 mg/L), (0.028 mg/L), (0.007 mg/L), Trichloroethene (0.242 mg/L), (0.010 mg/L), (0.025 mg/L), and Tetrachloroethene (0.833 mg/L), (0.028 mg/L), (0.339 mg/L), which are above the TNRCC TRRP Levels of (0.002 mg/L), (0.005 mg/L), (0.005 mg/L), respectively.

Soil conditions at the site were evaluated at the sample locations shown on the Site Diagram (Figure 1, Section 3) of this report. The following table summarizes the results:

TABLE I-ANALYTICAL RESULTS

SOIL

SAMPLE NUMBER	DATE	DEPTH (FEET)	Dichloroethene cis -1.2 (mg/kg)	Tetrachloroethene (mg/kg)	DESCRIPTION
B1-25	6/25/01	25	<0.250	<0.250	Boring 1 @ 25ft
B2-25	6/25/01	25	<0.250	<0.250	Boring 2 @ 25ft
B3-25	6/25/01	25	0.326	0.767	Boring 3 @ 25ft
TRRP	NA	NA	0.025	0.500	TNRCC TRRP Levels

Mg/kg-milligrams per kilogram, < -less than,

GROUNDWATER

SAMPLE NUMBER	DATE	DEPTH (FEET)	Vinyl Chloride CC (mg/L)	Trichloroethene (mg/L)	Tetrachloroethene (mg/L)	DESCRIPTION
TMW1	6/25/01	NA	0.122	0.242	0.833	Temporary Well 1
TMW2	6/25/01	NA	0.028	0.010	0.028	Temporary Well 2
TMW3	6/25/01	NA	0.007	0.025	0.339	Temporary Well 3
TRRP	NA	NA	0.002	0.005	0.005	TNRCC TRRP Levels

Mg/L-milligrams per liter, < -less than,

2.3 On-Site Procedures

Prior to sampling, each piece of equipment was decontaminated using a high-pressure steam cleaner or wash water bucket with a mild biodegradable soap.

2.4 Field Procedures

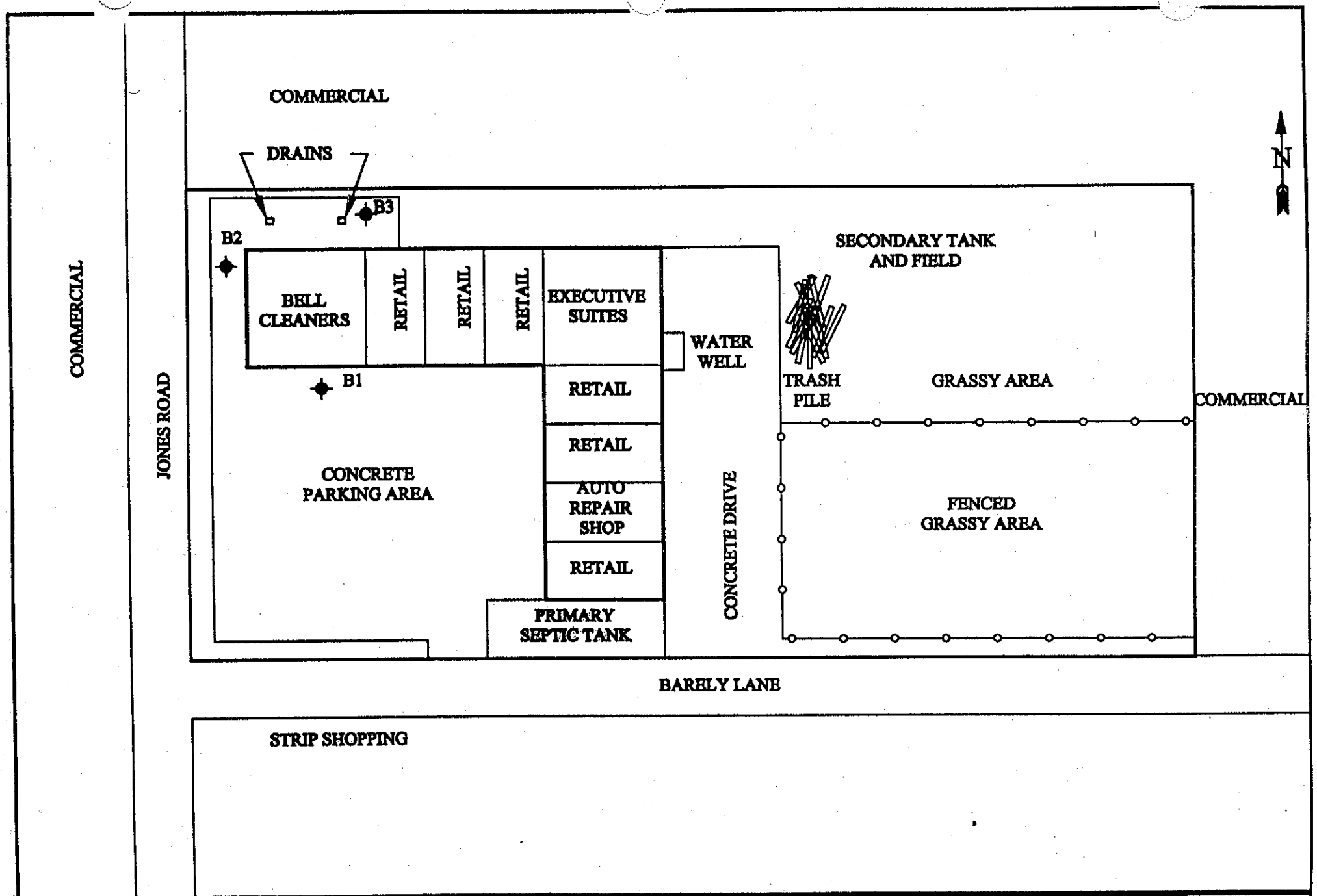
On-site field investigation procedures consisted of sampling around the various areas of interest, and collecting at least one sample from each sampling location. The sampling activities took place on June 25, 2001. Select samples were submitted to the laboratory for testing.

2.5 Sampling Procedure

Recovered soil material was first examined in the field for lithology. A portion was then placed in 100-ml glass jars (limiting headspace), and capped with a Teflon lined lid. Each jar was labeled with the job number, sample identification number, date and time, name of the sampler, and the type of analyses required.

2.6 Methodology

Immediately upon collection, the soil samples were sealed in appropriate sample containers, placed in an ice chest, and transported to A & B Laboratories for VOC analyses. The samples were analyzed using EPA Method 8260. Appropriate Chain of Custody documents were maintained for each sample collected.



geo-tech

Commercial Property
11600 Jones Road
Houston, Harris County, Texas

Geo-Tech Environmental, Inc.
12714 Settemont
Missouri City, Texas
Job# 01205

Not To Scale
June 2001
By: J.T.Warley

A and B Environmental Services, Inc.
1643 Federal Road
Houston, Texas 77015
(713) 453-6060

June 29, 2001

LABORATORY ANALYSIS REPORT

A and B Sample ID: 45224-11

Geo-Tech Environmental, Inc.		Client PO #:	01216
Attn: Cindi Dean		Date Received:	6/26/01 13:45
12714 Settemon:		Collected By:	
Missouri City TX	77489	Collection Date:	6/25/01

Client Project ID:	01216 Bell Dry Cleaners 11600 Jones Rd.		
Client Sample ID:	B1-25	Matrix Type:	Soil
Location/Other Info:			

Cover Page for the attached report.

Approved By: Lila T. Walker

Title: QA Officer

Date: 6/29/01

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METHOD 8260 VOC ANALYSIS SOIL

Data File Name	VA9589.D
Date Acquired	27 Jun 2001 5:13 pm
Sample Name	45224.11
Operator	BY/YZ

Extracted Mass (g)	10
Extracted Final Volume (ml)	10
Injection Volume (ml)	0.100
Dilution Factor	50.000

Analyte	Amount Found (mg/kg)	PQL mg/kg
Dichlorodifluoromethane	<0.250	0.250
Chloromethane SP	<0.250	0.250
Vinyl Chloride CC	<0.200	0.200
Bromomethane	<0.250	0.250
Chloroethane	<0.250	0.250
Trichlorofluoromethane	<0.250	0.250
1,1-Dichloroethene CC	<0.250	0.250
Dichloromethane	<0.250	0.250
trans-1,2-Dichloroethene	<0.250	0.250
1,1-Dichloroethane SP	<0.250	0.250
2,2-Dichloropropane	<0.250	0.250
cis-1,2-Dichloroethene	<0.250	0.250
Chloroform CC	<0.250	0.250
Bromochloromethane	<0.250	0.250
1,1,1-Trichloroethane	<0.250	0.250
1,1-Dichloropropene	<0.250	0.250
Carbon Tetrachloride	<0.250	0.250
1,2-Dichloroethane	<0.250	0.250
Benzene	<0.250	0.250
Trichloroethene	<0.250	0.250
1,2-Dichloropropane CC	<0.250	0.250
Bromodichloromethane	<0.250	0.250
Dibromomethane	<0.250	0.250
cis-1,3-Dichloropropene	<0.250	0.250
Toluene CC	<0.250	0.250
trans-1,3-Dichloropropene	<0.250	0.250
1,1,2-Trichloroethane	<0.250	0.250
1,3-Dichloropropane	<0.250	0.250
Tetrachloroethene	<0.250	0.250

Analyte	Amount Found (mg/kg)	PQL mg/kg
Dibromochloromethane	<0.250	0.250
1,2-Dibromoethane	<0.250	0.250
Chlorobenzene SP	<0.250	0.250
1,1,1,2-Tetrachloroethane	<0.250	0.250
Ethylbenzene CC	<0.250	0.250
m- & p-Xylenes	<0.250	0.250
o-Xylene	<0.250	0.250
Styrene	<0.250	0.250
iso-Propylbenzene	<0.250	0.250
Bromoform SP	<0.250	0.250
1,1,2,2-Tetrachloroethane SP	<0.250	0.250
1,2,3-Trichloropropane	<0.250	0.250
n-Propylbenzene	<0.250	0.250
Bromobenzene	<0.250	0.250
1,3,5-Trimethylbenzene	<0.250	0.250
2-Chlorotoluene	<0.250	0.250
4-Chlorotoluene	<0.250	0.250
t-Butylbenzene	<0.250	0.250
1,2,4-Trimethylbenzene	<0.250	0.250
sec-Butylbenzene	<0.250	0.250
4-iso-Propyltoluene	<0.250	0.250
1,3-Dichlorobenzene	<0.250	0.250
1,4-Dichlorobenzene	<0.250	0.250
n-Butylbenzene	<0.250	0.250
1,2,4-Trichlorobenzene	<0.250	0.250
1,2-Dichlorobenzene	<0.250	0.250
1,2-Dibromo-3-chloropropane	<0.250	0.250
1,2,3-Trichlorobenzene	<0.250	0.250
Naphthalene	<0.250	0.250

Surrogate	Amount Found (mg/kg)	spike mg/kg	Rev. %	Recovery Limit
Dibromofluoromethane	0.025	0.020	125.0	70-130%
Toluene-d8	0.018	0.020	91.5	71-117%
p-Bromofluorobenzene	0.020	0.020	98.5	74-121%

PQL -The Pratical Quantitation Limit represents the level below which an analyte may be identified but not accurately quantified.

Data release authorized by

A and B Environmental Services, Inc.
1643 Federal Road
Houston, Texas 77015
(713) 453-6060

June 29, 2001

LABORATORY ANALYSIS REPORT

A and B Sample ID: 45224-12

Geo-Tech Environmental Inc.		Client PO #	01216	
Attn: Cindi Dean		Date Received:	6/26/01	13:45
12714 Settemont		Collected By:	Mike Harol	
Missouri City TX	77489	Collection Date:	6/25/01	

Client Project ID:	01216 Bell Dry Cleaners 11600 Jones Rd.		
Client Sample ID:	B2-25	Matrix Type:	Soil
Location/Other info:			

Cover Page for the attached report.

Approved By: [signature]

Date: 6/29/01

Title: QA Officer

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METHOD 8260 VOC ANALYSIS SOIL

Data File Name	VA9590.D
Date Acquired	27 Jun 2001 5:51 pm
Sample Name	45224.12
Operator	BY/YZ

Extracted Mass (g)	10
Extracted Final Volume (ml	10
Injection Volume (ml)	0.100
Dilution Factor	50.000

Analyte	Amount Found (mg/kg)	PQL mg/kg
Dichlorodifluoromethane	<0.250	0.250
Chloromethane SP	<0.250	0.250
Vinyl Chloride CC	<0.200	0.200
Bromomethane	<0.250	0.250
Chloroethane	<0.250	0.250
Trichlorofluoromethane	<0.250	0.250
1,1-Dichloroethene CC	<0.250	0.250
Dichloromethane	<0.250	0.250
trans-1,2-Dichloroethene	<0.250	0.250
1,1-Dichloroethane SP	<0.250	0.250
2,2-Dichloropropane	<0.250	0.250
cis-1,2-Dichloroethene	<0.250	0.250
Chloroform CC	<0.250	0.250
Bromochloromethane	<0.250	0.250
1,1,1-Trichloroethane	<0.250	0.250
1,1-Dichloropropene	<0.250	0.250
Carbon Tetrachloride	<0.250	0.250
1,2-Dichloroethane	<0.250	0.250
Benzene	<0.250	0.250
Trichloroethene	<0.250	0.250
1,2-Dichloropropane CC	<0.250	0.250
Bromodichloromethane	<0.250	0.250
Dibromomethane	<0.250	0.250
cis-1,3-Dichloropropene	<0.250	0.250
Toluene CC	<0.250	0.250
trans-1,3-Dichloropropene	<0.250	0.250
1,1,2-Trichloroethane	<0.250	0.250
1,3-Dichloropropane	<0.250	0.250
Tetrachloroethene	<0.250	0.250

Analyte	Amount Found (mg/kg)	PQL mg/kg
Dibromochloromethane	<0.250	0.250
1,2-Dibromoethane	<0.250	0.250
Chlorobenzene SP	<0.250	0.250
1,1,1,2-Tetrachloroethane	<0.250	0.250
Ethylbenzene CC	<0.250	0.250
m- & p-Xylenes	<0.250	0.250
o-Xylene	<0.250	0.250
Styrene	<0.250	0.250
Iso-Propylbenzene	<0.250	0.250
Bromoform SP	<0.250	0.250
1,1,2,2-Tetrachloroethane SP	<0.250	0.250
1,2,3-Trichloropropane	<0.250	0.250
n-Propylbenzene	<0.250	0.250
Bromobenzene	<0.250	0.250
1,3,5-Trimethylbenzene	<0.250	0.250
2-Chlorotoluene	<0.250	0.250
4-Chlorotoluene	<0.250	0.250
t-Butylbenzene	<0.250	0.250
1,2,4-Trimethylbenzene	<0.250	0.250
sec-Butylbenzene	<0.250	0.250
4-iso-Propyltoluene	<0.250	0.250
1,3-Dichlorobenzene	<0.250	0.250
1,4-Dichlorobenzene	<0.250	0.250
n-Butylbenzene	<0.250	0.250
1,2,4-Trichlorobenzene	<0.250	0.250
1,2-Dichlorobenzene	<0.250	0.250
1,2-Dibromo-3-chloropropane	<0.250	0.250
1,2,3-Trichlorobenzene	<0.250	0.250
Naphthalene	<0.250	0.250

Surrogate	Amount Found (mg/kg)	spike mg/kg	Rev. %	Recovery Limit
Dibromofluoromethane	0.015	0.020	72.8	70-130%
Toluene-d8	0.023	0.020	112.7	71-117%
p-Bromofluorobenzene	0.023	0.020	117.4	74-121%

PQL - The Pratical Quantitation Limit represents the level below which an analyte may be identified but not accurately quantified.

Data release authorized by: Kelly T. Wolfe

A and B Environmental Services, Inc.
1643 Federal Road
Houston, Texas 77015
(713) 453-6060

June 29, 2001

LABORATORY ANALYSIS REPORT

A and B Sample ID: 45224-13

Geo-Tech Environmental Inc
Attn: Cindi Dean
12714 Settemont
Missouri City TX 77489

Client PO #: 01216
Date Received: 6/26/01 13:45
Collected By: Mike Harol
Collection Date: 6/25/01

Client Project ID: 01216 Bell Dry Cleaners 11600 Jones Rd.
Client Sample ID: B3-25
Location/Other Info:

Matrix Type: Soil

Cover Page for the attached report.

Approved By: Lila T. Walker
Title: QA Officer

Date: 6/29/01

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METHOD 8260 VOC ANALYSIS - SOIL

Data File Name	VA9594.D
Date Acquired	27 Jun 2001 [redacted] pm
Sample Name	45224.13
Operator	BY/YZ

Extracted Mass (g)	10
Extracted Final Volume (ml)	10
Injection Volume (ml)	0.100
Dilution Factor	50.000

Analyte	Amount Found (mg/kg)	PQL mg/kg
Dichlorodifluoromethane	<0.250	0.250
Chloromethane SP	<0.250	0.250
Vinyl Chloride CC	<0.200	0.200
Bromomethane	<0.250	0.250
Chloroethane	<0.250	0.250
Trichlorofluoromethane	<0.250	0.250
1,1-Dichloroethene CC	<0.250	0.250
Dichloromethane	<0.250	0.250
trans-1,2-Dichloroethene	<0.250	0.250
1,1-Dichloroethane SP	<0.250	0.250
2,2-Dichloropropane	<0.250	0.250
cis-1,2-Dichloroethene	0.326	0.250
Chloroform CC	<0.250	0.250
Bromochloromethane	<0.250	0.250
1,1,1-Trichloroethane	<0.250	0.250
1,1-Dichloropropene	<0.250	0.250
Carbon Tetrachloride	<0.250	0.250
1,2-Dichloroethane	<0.250	0.250
Benzene	<0.250	0.250
Trichloroethene	<0.250	0.250
1,2-Dichloropropane CC	<0.250	0.250
Bromodichloromethane	<0.250	0.250
Dibromomethane	<0.250	0.250
cis-1,3-Dichloropropene	<0.250	0.250
Toluene CC	<0.250	0.250
trans-1,3-Dichloropropene	<0.250	0.250
1,1,2-Trichloroethane	<0.250	0.250
1,3-Dichloropropane	<0.250	0.250
Tetrachloroethene	0.767	0.250

Analyte	Amount Found (mg/kg)	PQL mg/kg
Dibromochloromethane	<0.250	0.250
1,2-Dibromoethane	<0.250	0.250
Chlorobenzene SP	<0.250	0.250
1,1,1,2-Tetrachloroethane	<0.250	0.250
Ethylbenzene CC	<0.250	0.250
m- & p-Xylenes	<0.250	0.250
o-Xylene	<0.250	0.250
Styrene	<0.250	0.250
iso-Propylbenzene	<0.250	0.250
Bromoform SP	<0.250	0.250
1,1,2,2-Tetrachloroethane SP	<0.250	0.250
1,2,3-Trichloropropane	<0.250	0.250
n-Propylbenzene	[redacted]	0.250
Bromobenzene	<0.250	0.250
1,3,5-Trimethylbenzene	<0.250	0.250
2-Chlorotoluene	<0.250	0.250
4-Chlorotoluene	<0.250	0.250
t-Butylbenzene	<0.250	0.250
1,2,4-Trimethylbenzene	<0.250	0.250
sec-Butylbenzene	<0.250	0.250
4-iso-Propyltoluene	<0.250	0.250
1,3-Dichlorobenzene	<0.250	0.250
1,4-Dichlorobenzene	<0.250	0.250
n-Butylbenzene	<0.250	0.250
1,2,4-Trichlorobenzene	<0.250	0.250
1,2-Dichlorobenzene	<0.250	0.250
1,2-Dibromo-3-chloropropane	<0.250	0.250
1,2,3-Trichlorobenzene	<0.250	0.250
Naphthalene	<0.250	0.250

Surrogate	Amount Found (mg/kg)	spike mg/kg	Rev. %	Recovery Limit
Dibromofluoromethane	0.025	0.020	125.4	70-130%
Toluene-d8	0.018	0.020	90.3	71-117%
p-Bromofluorobenzene	0.021	0.020	104.1	74-121%

PQL -The Pratical Quantitation Limit represents the level below which an analyte may be identified but not accurately quantified.

Data release authorized by: [signature]

A and B Environmental Services, Inc.
1643 Federal Road
Houston, Texas 77015
(713) 453-6060

June 29, 2001

LABORATORY ANALYSIS REPORT

A and B Sample ID: 45224-14

Geo-Tech Environmental, Inc.
Attn: Cindi Dean
12714 Settemont
Missouri City TX 77489

Client PO #: 01216
Date Received: 6/26/01 13:45
Collected By: Mike Harol
Collection Date: 6/25/01

Client Project ID: 01216 Bell Dry Cleaners 11600 Jones Rd.
Client Sample ID: TMW-1
Location/Other Info:
Matrix Type: Water

Cover Page for the attached report.

Approved By: [signature]
Title: [signature]
Date: 6/29/01

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METHOD 624 VOC ANALYSIS WATER

Data File Name	VA9579.D
Date Acquired	27 Jun 2001 11:02 am
Sample Name	45224.14
Operator	BY/YZ

Purge Volume (ml)	5
Dilution Factor	1

Analyte	Amount Found (mg/l)	PQL mg/l
Chloromethane SP	<0.005	0.005
Vinyl Chloride CC	0.122	0.002
Bromomethane	<0.005	0.005
Chloroethane	<0.005	0.005
Trichlorofluoromethane	<0.005	0.005
1,1-Dichloroethene CC	<0.005	0.005
Dichloromethane	<0.005	0.005
trans-1,2-Dichloroethene	<0.005	0.005
1,1-Dichloroethane SP	<0.005	0.005
Chloroform CC	<0.005	0.005
1,1,1-Trichloroethane	<0.005	0.005
Carbon Tetrachloride	<0.005	0.005
1,2-Dichloroethane	<0.005	0.005
Benzene	<0.005	0.005
Trichloroethene	0.242	0.005
1,2-Dichloropropane CC	<0.005	0.005
Bromodichloromethane	<0.005	0.005
cis-1,3-Dichloropropene	<0.005	0.005
Toluene CC	<0.005	0.005
trans-1,3-Dichloropropene	<0.005	0.005
1,1,2-Trichloroethane	<0.005	0.005
Tetrachloroethene	0.333	0.005
Dibromochloromethane	<0.005	0.005
Chlorobenzene SP	<0.005	0.005
Ethylbenzene CC	<0.005	0.005
Chloroethyl vinyl ether	<0.005	0.005
Bromoform SP	<0.005	0.005
1,1,2,2-Tetrachloroethane SP	<0.005	0.005
1,3-Dichlorobenzene	<0.005	0.005
1,4-Dichlorobenzene	<0.005	0.005
1,2-Dichlorobenzene	<0.005	0.005

Surrogate	Amount Found (mg/l)	spike mg/l	Rev. %	Recovery Limit
SS Dibromofluoromethane	0.025	0.02	124.9	70-130%
IS Chlorobenzene-d5	0.020	0.02	100.0	81-117%
SS p-Bromofluorobenzene	0.021	0.02	104.6	70-121%

PQL -The Pratical Quantitation Limit represents the level below which an analyte may be identified but not accurately identified

Data release authorized by: Keelan T. Walker

A and B Environmental Services, Inc.
1643 Federal Road
Houston, Texas 77015
(713) 453-6060

June 29, 2001

LABORATORY ANALYSIS REPORT

A and B Sample ID: 45224-15

Geo-Tech Environmental, Inc.		Client PO #:	01216
Attn: Cindi Dean		Date Received:	6/26/01 13:45
12714 Settemont		Collected By:	Mike Harol
Missouri City TX	77489	Collection Date:	6/25/01

Client Project ID:	01216 Bell Dry Cleaners 11600 Jones Rd		
Client Sample ID:	TMW-2	Matrix Type:	Water
Location/Other Info:			

Cover Page for the attached report.

Approved By: Rita T. Walker

Title: QA Officer

Date: 6/29/01

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METHOD 624 VOC ANALYSIS FOR WATER

Data File Name	VA9580.D
Date Acquired	27 Jun 2001 11:39 am
Sample Name	45224.15
Operator	BYYZ

Purge Volume (ml)	5
Dilution Factor	1

Analyte	Amount Found (mg/l)	PQL mg/l
Chloromethane SP	<0.005	0.005
Vinyl Chloride CC	0.028	0.002
Bromomethane	<0.005	0.005
Chloroethane	<0.005	0.005
Trichlorofluoromethane	<0.005	0.005
1,1-Dichloroethene CC	<0.005	0.005
Dichloromethane	<0.005	0.005
trans-1,2-Dichloroethene	<0.005	0.005
1,1-Dichloroethane SP	<0.005	0.005
Chloroform CC	<0.005	0.005
1,1,1-Trichloroethane	<0.005	0.005
Carbon Tetrachloride	<0.005	0.005
1,2-Dichloroethane	<0.005	0.005
Benzene	<0.005	0.005
Trichloroethene	0.010	0.005
1,2-Dichloropropane CC	<0.005	0.005
Bromodichloromethane	<0.005	0.005
cis-1,3-Dichloropropene	<0.005	0.005
Toluene CC	<0.005	0.005
trans-1,3-Dichloropropene	<0.005	0.005
1,1,2-Trichloroethane	<0.005	0.005
Tetrachloroethene	0.028	0.005
Dibromochloromethane	<0.005	0.005
Chlorobenzene SP	<0.005	0.005
Ethylbenzene CC	<0.005	0.005
Chloroethyl vinyl ether	<0.005	0.005
Bromoform SP	<0.005	0.005
1,1,2,2-Tetrachloroethane SP	<0.005	0.005
1,3-Dichlorobenzene	<0.005	0.005
1,4-Dichlorobenzene	<0.005	0.005
1,2-Dichlorobenzene	<0.005	0.005

Surrogate	Amount Found (mg/l)	spike mg/l	Rev. %	Recovery Limit
SS Dibromofluoromethane	0.022	0.02	108.6	70-130%
IS Chlorobenzene-d5	0.020	0.02	100.0	81-117%
SS p-Bromofluorobenzene	0.019	0.02	97.2	70-121%

PQL -The Practical Quantitation Limit represents the level below which an analyte may be identified but not accurately identified

Data release authorized by: Kelly T. Walke

A and B Environmental Services, Inc.
1643 Federal Road
Houston, Texas 77015
(713) 453-6060

June 29, 2001

LABORATORY ANALYSIS REPORT

A and B Sample ID: 45224-16

Geo-Tech Environmental, Inc.
Attn: Cindi Dean
12714 Settemont
Missouri City TX 77489

Client PO #: 01216
Date Received: 6/26/01 13:45
Collected By: Mike Harol
Collection Date: 6/25/01

Client Project ID: 01216 Bell Dry Cleaners 11600 Jones Rd.
Client Sample ID: TMW-3
Location/Other Info:

Matrix Type: Water

Cover Page for the attached report.

Approved By: [signature]
Title: QA Officer

Date: 6/29/01

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METHOD 624 VOC ANALYSIS WATER

Data File Name	VA9581.D
Date Acquired	27 Jun 2001 12:16 pm
Sample Name	45224.16
Operator	BY/YZ

Purge Volume (ml)	5
Dilution Factor	1

Analyte	Amount Found (mg/l)	PQL mg/l
Chloromethane SP	<0.005	0.005
Vinyl Chloride CC	0.007	0.002
Bromomethane	<0.005	0.005
Chloroethane	<0.005	0.005
Trichlorofluoromethane	<0.005	0.005
1,1-Dichloroethene CC	<0.005	0.005
Dichloromethane	<0.005	0.005
trans-1,2-Dichloroethene	<0.005	0.005
1,1-Dichloroethane SP	<0.005	0.005
Chloroform CC	<0.005	0.005
1,1,1-Trichloroethane	<0.005	0.005
Carbon Tetrachloride	<0.005	0.005
1,2-Dichloroethane	<0.005	0.005
Benzene	<0.005	0.005
Trichloroethene	0.025	0.005
1,2-Dichloropropane CC	<0.005	0.005
Bromodichloromethane	<0.005	0.005
cis-1,3-Dichloropropene	<0.005	0.005
Toluene CC	<0.005	0.005
trans-1,3-Dichloropropene	<0.005	0.005
1,1,2-Trichloroethane	<0.005	0.005
Tetrachloroethene	0.339	0.005
Dibromochloromethane	<0.005	0.005
Chlorobenzene SP	<0.005	0.005
Ethylbenzene CC	<0.005	0.005
Chloroethyl vinyl ether	<0.005	0.005
Bromoform SP	<0.005	0.005
1,1,2,2-Tetrachloroethane SP	<0.005	0.005
1,3-Dichlorobenzene	<0.005	0.005
1,4-Dichlorobenzene	<0.005	0.005
1,2-Dichlorobenzene	<0.005	0.005

Surrogate	Amount Found (mg/l)	Spike (mg/l)	Rev. %	Recovery Limit
SS Dibromofluoromethane	0.015	0.02	75.0	70-130%
IS Chlorobenzene-d5	0.020	0.02	100.0	81-117%
SS p-Bromofluorobenzene	0.021	0.02	104.6	70-121%

PQL - The Pratical Quantitation Limit represents the level below which an analyte may be identified but not accurately identified

Data release authorized by: Kelly T. Welke

VOC Spike Recovery and RPD Summary Report

45224

Method	HPCHEM METHODS VOCA0625.M
Operator	YYZ
Batch ID	VA0627A.S
QC Sample Type	Soil

	Non-Spike	Spike	Spike Duplicate
QC Sample Run ID	45224.13	45224.13s	45224.13d
Data File Names	VA9594.D	VA9605.D	VA9606.D
Date Acquired	27 Jun 2001 8:19 pm	28 Jun 2001 3:04 am	28 Jun 2001 3:42 am

Analyte	Sample Conc (mg/kg)	Spike Added (mg/kg)	MS Res (mg/kg)	MSD Res (mg/kg)	MS %Rec	MSD %Rec	RPD %	QC Limits RPD	QC Limits %Rec
1,1-Dichloroethene CC	0.000	1.000	0.932	1.160	93.2	116.0	21.8	25	70-125
Benzene	0.008	1.000	0.913	0.834	90.5	82.5	9.1	20	71-120
Trichloroethene	0.118	1.000	0.914	0.837	79.6	71.9	8.8	20	70-127
Toluene CC	-0.026	1.000	0.826	0.826	85.3	85.2	0.1	20	75-130
Chlorobenzene SP	-0.051	1.000	0.931	0.922	98.2	97.4	0.9	20	75-130

Data release authorized by Kelly J. Walke

45224

SAMPLE CHECKLIST

Lab ID # 45224 Date/Time Received 6/26/01 1:45

Company Name/ Sampling Site: Geo-Tech Env. 012116

# of Coolers: 1 Temperature: on ice

Sample pH ____ ____ ____ ____ ____ ____ ____

Check Points:	Yes	No
1. Cooler seals (COC seals, not tape)	✓	
2. Chain of Custody:	✓	
3. Bottles broken or leaking (comment if Yes):		✓
4. Samples in appropriate containers (TCLP Volatiles should be in 40 mL VOA vials):	✓	
5. Containers labeled (comment if No):	✓	
6. Water: ✓ (5x's 14-16) Soil: ✓ (5x's 11-13) Waste: ___ Other: ___ (comment)		
7. Chain of Custody signed with date & time:	✓	
8. COC agrees with bottle count (comment if No):	✓	
9. COC agrees with labels (comment if No):	✓	
10. VOA samples filled completely (turn upside down, if no air space or bubbles are present the samples are filled completely):	✓	
*11. VOA samples preserved:	✓	
12. Sample volume sufficient to complete analyses	✓	
13. Sample accepted:	✓	
14. Sample received within holding time	✓	

COMMENTS: Include actions taken to resolve discrepancies/problems.

Check-In by/Date: BH 6/26/01

Log-In by/Date: BH 6/26/01

A&B LABS
1643 Federal Road
Houston, Texas 77015
713-453-6060
713-453-6091 Fax

A&B Lab ID# 45224

5. Project # 01216

1. REPORT TO:
Company: Geo-Tech Environmental
Address: 12714 Settemont
Missouri City, TX 77489
Contact: Cindi Dean
Phone: 281 835 9500
Fax: 281 835 8972

2. INVOICE TO:
Company:
Address:
Contact: Yinka Odubela
Phone:
3. PO/SO #: 01216

4. Turnaround Time
Standard X
Rush
Super Rush

FOR LAB USE ONLY
Sampling Fee: ____ Hrs.
Equipment Rental Fee:

6. Project Name / Location
Dell Dry Cleaners 11600 Jones Rd

7. Special Detection Limits

8. Sampler's Name & Company: Mike Harol Geo-Tech
Sampler's Signature

14. No. of Containers
15. Preservatives: C
16. Containers**: 40V
17. Analyses Requested: VOC

Preservative Codes (for Item 15)
C = Cool
H = Hydrochloric Acid
M = Monochloroacetic Acid
N = Nitric Acid
OH = Sodium Hydroxide
S = Sulfuric Acid
T = Sodium Thiosulfate
X = Other

LAB USE ONLY LAB SAMPLE NO.	Item	9. Sample ID or No.	10. Sample Name	11. Collection Date	Time	12. Comp.	Grab	13. Matrix*	No. of Containers	VOC	18. REMARKS
11	1	B1-25		6-25-01		/		S	1	/	
12	2	B2-25				/		S	1	/	
13	3	B3-25				/		S	1	/	
14	4	TMW-1				/		W	2	/	
15	5	TMW-2				/		W	2	/	
16	6	TMW-3				/		W	2	/	
	7										
	8										
	9										
	10										

	20. RELINQUISHED BY	DATE	TIME	21. RECEIVED BY	DATE	TIME
1	[illegible]	6-26-01	1:45	[illegible]	6-26-01	1:45
2						
3						
4						

19. KNOWN HAZARDS / COMMENTS

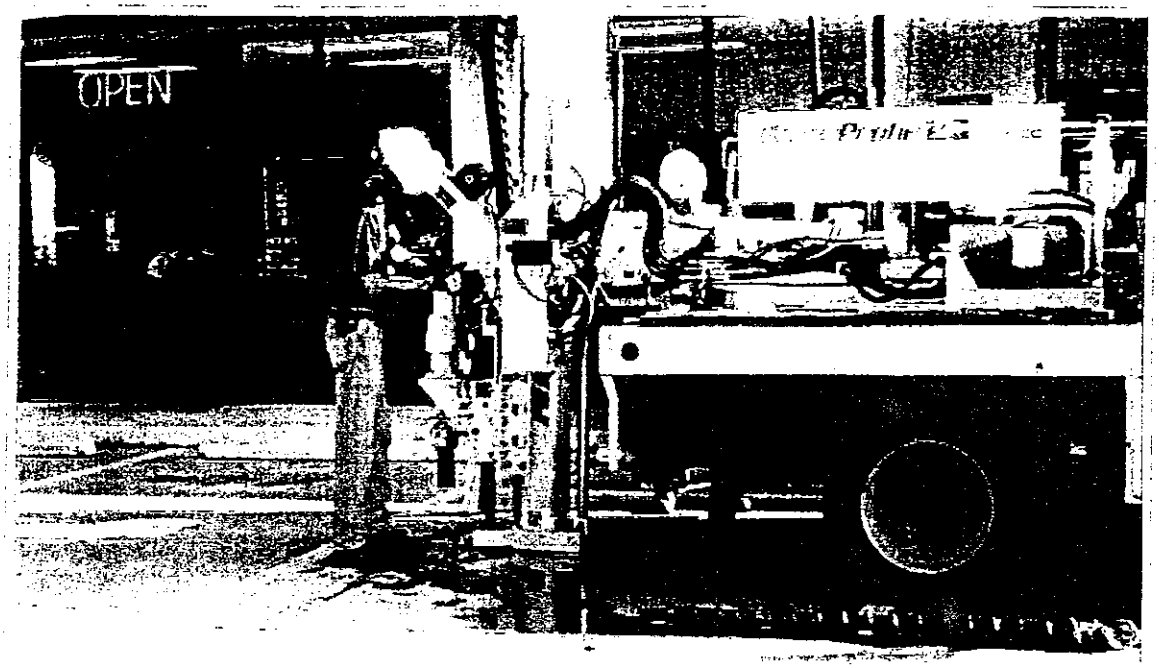
22. METHOD OF SHIPMENT

23. BILL OF LADING / TRACKING #

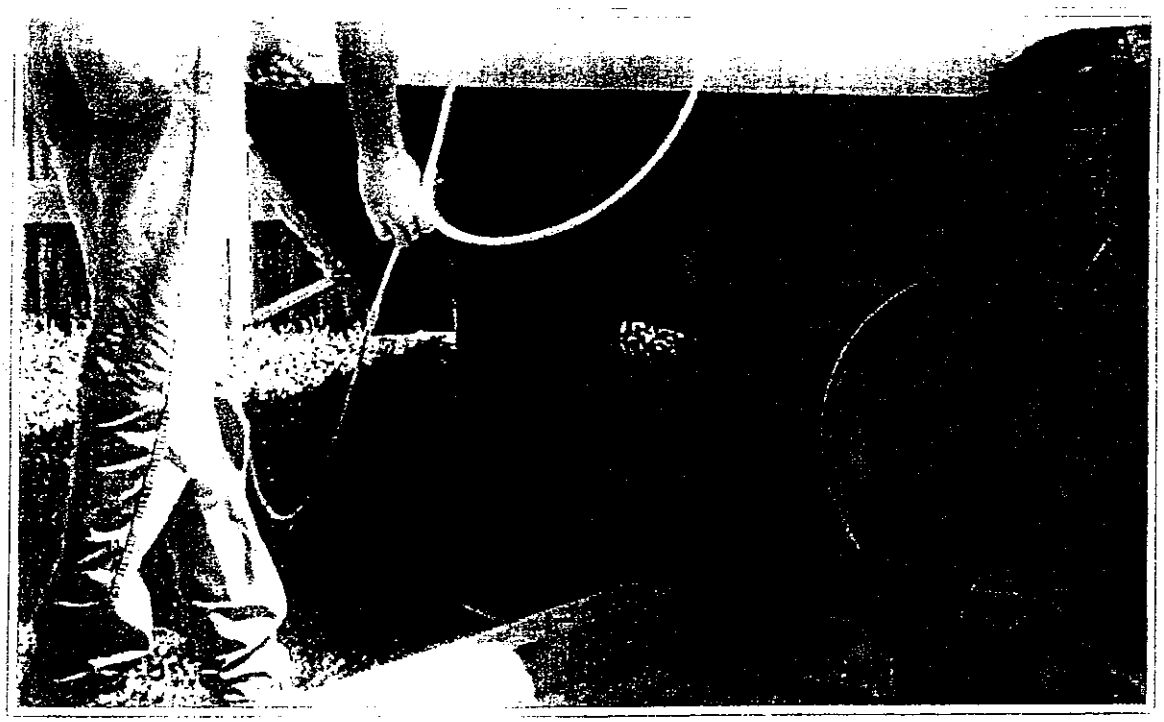
*Matrix WW-Wastewater W-Water S-Soil SD-Solid L-Liquid A-Air Bag C-Charcoal Tube SL-Sludge O-Oil OH-Other____
**Container VOA-40 ml vial A/G-Amber or Glass 1 Liter 4 oz-8 oz glass wide mouth P/O-Plastic or other____

A&B cannot accept verbal changes.
Please FAX written changes to 713-453-6091

LAB USE ONLY
Temp: 5 Ice



Boring B1 -in front of dry cleaner.



Boring 2 behind dry cleaner.