

Soil Cleanup Report with Site Closure Request

Franklin Baking Facility

1107 Myrtle Avenue

Greenville, Pitt County, North Carolina

ATC Project No. 45.18376.9921

NCDENR Facility ID No. 0-018614

NCDENR Risk Classification: Low

NCDENR Incident No.: 12444

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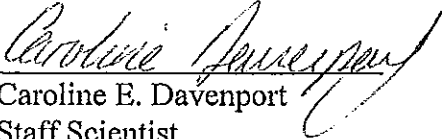
NCDENR Risk Classification: Low

NCDENR Incident No.: 12444

Latitude: 35° 36' 27" N

Longitude: 77° 23' 01" W

Prepared By:

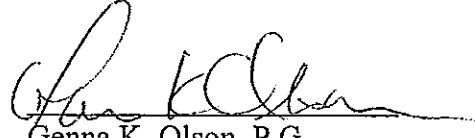

Caroline E. Davenport
Staff Scientist

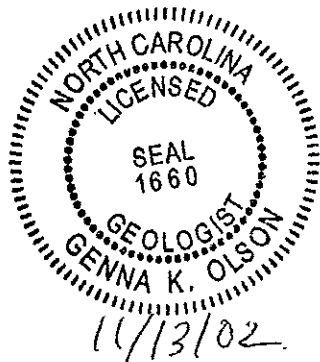
Submitted To:

**North Carolina Department of Environment
and Natural Resources
Washington Regional Office
Division of Waste Management
UST Section
943 Washington Square Mall
Washington, North Carolina 27889**

On Behalf Of:

**Franklin Baking Company
c/o Flowers Bakery
1925 Flowers Circle
Thomasville, North Carolina 31757
(229) 227-2283
(229) 225-3823**


Genna K. Olson, P.G.
Project Manager
N.C. Professional Geologist #1660



Prepared By:

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November 13, 2002

TABLE OF CONTENTS

1.0 INTRODUCTION.....	1
2.0 SITE HISTORY.....	1
3.0 EVALUATION OF REMEDIAL ALTERNATIVES	3
4.0 SITE REMEDIATION.....	3
5.0 POST REMEDIAL SAMPLING	4
6.0 CONCLUSIONS AND PETITION FOR SITE CLOSURE	4

TABLES

Table 1	UST System Information
Table 2	Historical Soil Analytical Results
Table 3	Post-Remediation Soil Analytical Results
Table 4	Adjacent Property Information

FIGURES

Figure 1	Site Topographic Map
Figure 2	Site Map
Figure 3	Historical Soil Analytical Data Map
Figure 4	Post-Remediation Soil Analytical Data Map

APPENDICES

Appendix A	Soil Disposal Manifests
Appendix B	Laboratory Analytical Results

1.0 INTRODUCTION

ATC Associates of North Carolina, P.C. (ATC) on behalf of Franklin Baking Company (care of Flowers Bakery Inc.), has completed this Soil Cleanup Report with Site Closure Request (SCR) for the Franklin Baking Facility located at 1107 Myrtle Street in Greenville, North Carolina. The site location is shown on *Figure 1*. This SCR was prepared to document soil remediation activities completed in October 2002 and to request site closure under 15A NCAC 2L.0115(h).

2.0 SITE HISTORY

The site is located at 1107 Myrtle Avenue in Greenville, Pitt County, North Carolina. The site is presently in use as a Bakery Thrift Store. The former underground storage tank (UST) system at the site included one 1,000-gallon gasoline UST and associated product lines and dispensing equipment. The UST was located in a tank pit west of the warehouse building. The UST was installed on May 4, 1972, and was permanently closed by removal on June 22, 1994. A site map is included as *Figure 2*.

Initial assessment activities were conducted by Contractors and Engineers Services Inc. (CES). Soil samples collected from the south and north ends of the UST excavation contained gasoline-range total petroleum hydrocarbons (TPH-GRO) at concentrations of 9,361 and 14,810 parts per million (ppm), respectively. Groundwater samples collected from a boring advanced to the former UST location contained BTEX (benzene, toluene, ethylbenzene, and total xylenes), MTBE (methyl tertiary butyl ether), and lead at concentrations above Title 15A NCAC 2L. 0202 Groundwater Standards (2L Standards).

In February 1996, CES installed eleven monitoring wells on the site and surrounding properties to delineate the extent of impacted groundwater. In July 1996, North Carolina Senate Bill 1317 was passed, which suspended all assessment and remedial activities at "CDE" ranked sites. The site was

assigned a CDE ranking and, as such, site assessment activities ceased. A report documenting the well installations was never submitted to the North Carolina Department of Environment and Natural Resources (NCDENR).

In January 1998, NCDENR implemented risk-based legislation relating to petroleum releases (15A NCAC 2L .0115). In accordance with the new rule, the site was automatically assigned a low risk classification based on the previous CDE designation. On June 6, 2001, NCDENR issued a notice of Regulatory Requirements (NORR) requesting preparation of a Limited Site Assessment. In the immediate vicinity of the former tank pit, benzene was detected in soil above the Soil-to-Groundwater Maximum Soil Contaminant Concentration (MSCC) in boring MW-1D, and a layer of free product ranging in thickness from a sheen to 0.02 feet was present on the groundwater (MW-2 and MW-4). Benzene and/or C5-C8 aliphatics were detected above 2L Standards in monitoring wells located downgradient of the former tank pit (MW-1 and MW-3). Based on the results of the LSA, NCDENR issued a NORR requesting preparation of a Comprehensive Site Assessment (CSA).

As part of the CSA activities, ATC advanced eleven soil borings (SB-1 through SB-11) and submitted soil samples for laboratory analysis during two events on December 11, 2001, and February 5, 2002. The results of the laboratory analyses reported concentrations of target compounds above Soil-to-Groundwater MSCCs in borings SB-2, SB-3, SB-5, SB-6, and SB-8. Soil borings SB-6 and SB-8 also contained concentrations of target compounds above Residential MSCCs. Target compounds were not detected above Industrial/Commercial MSCCs. One aggressive fluid vapor recovery (AFVR) event was conducted during the CSA investigation to recover free product. Subsequently, target compounds were not detected in groundwater above Gross Contaminant Levels (GCLs), nor was free product detected. ATC submitted the CSA to NCDENR on March 29, 2002. Upon review of the CSA, NCDENR assigned the site a low risk and residential classification.

On April 9, 2002, NCDENR issued a Notice of Regulatory Requirements requesting preparation of a Soil Cleanup Plan (SCP). ATC submitted a SCP which outlined a plan to excavate up to 555 tons of soil impacted above Residential MSCCs. The SCP was approved by NCDENR on June 19, 2002. This report was prepared to document soil excavation activities carried out in accordance with the approved SCP.

3.0 EVALUATION OF REMEDIAL ALTERNATIVES

Soil impacted above Residential MSCCs was encountered only in borings SB-6 and SB-8. Historical soil analytical data is summarized in Table 2 and Figure 3. Based on the small amount of impacted soil, ATC recommended that the site be remediated through soil excavation and disposal. ATC proposed to excavate a rectangular area measuring approximately 50 feet by 20 feet by 10 feet and centered around previous soil borings SB-6 and SB-8 as shown on *Figure 3*. Based on those measurements, the total volume of soil to be removed was estimated to be approximately 370 cubic yards, or 555 tons. Refer to the SCP for a detailed evaluation of remedial alternatives.

4.0 SITE REMEDIATION

Soil excavation activities were conducted on October 16 and 17, 2002. ATC used an excavator to remove impacted soil. Utility lines located within the excavation were temporarily disconnected and later repaired. ATC excavated the area until soil samples taken from the sidewalls of the excavation no longer exhibited signs of significant petroleum impact (such as strong petroleum odors, excessively stained soil, or a high reading on the OVA). The excavation measured 35 feet by 16 feet by 10 feet. The area of excavation was reduced in the field to correspond with signs of petroleum contamination in the sidewall soil samples. The base of the excavation was terminated at the groundwater table .

The impacted soil was transported off-site for disposal by A&D Environmental and Industrial Services (A&D). Disposal manifests for the soil are included in *Appendix A*. Approximately 302.14 tons of impacted soil were excavated. The excavation was backfilled with clean soil.

5.0 POST REMEDIAL SAMPLING

In accordance with the approved SCP, soil samples were collected on October 17, 2002, from six sidewall locations. Soil samples were collected manually at a depth of 3 to 5 feet below land surface (bls). The final depth of the excavation pit was approximately 10 feet bls. Soil samples were not collected at the base of the excavation pit because the excavation terminated at the groundwater table. Soil excavation sample locations are shown on *Figure 4*.

The soil samples were placed in appropriate laboratory-supplied containers, properly labeled and preserved on ice. The soil samples were transported under chain-of-custody to Hygeia Laboratories in Marietta, Georgia. The soil samples were analyzed for volatile organics by EPA Method 8260 and carbon fraction classes by Massachusetts Department of Environmental Protection (MADEP) Volatile Petroleum Hydrocarbon (VPH) Method. The results of the laboratory analyses indicated concentrations of benzene above Soil-to-Groundwater MSCCs in soil samples SW-2 through SW-6, and concentrations of 1,2-dichloroethane above Soil-to-Groundwater MSCCs in soil sample SW-5. Target compounds were not detected above Residential MSCCs or Industrial/Commercial MSCCs. Soil analytical results are shown in *Table 3*. The laboratory analytical results are shown in *Appendix B*.

6.0 CONCLUSIONS AND PETITION FOR SITE CLOSURE

ATC has presented the following information in this report:

- NCDENR requested the completion of a SCP in a letter dated April 9, 2002. The letter indicated the site is classified as low risk and residential. As such, the site should be eligible for site closure upon remediation of soil impacted above Residential MSCCs. ATC submitted a SCP in June 2002 that recommended soil excavation to remediate impacted soil.
- On October 16 and 17, 2002, approximately 302.14 tons of impacted soil were excavated from the site and transported off-site for disposal by A&D. Once soil removal was completed, ATC collected six soil samples from the sidewalls of the excavation pit at approximately 3 to 5 feet. Post-removal soil analytical results did not indicate target compounds above Residential MSCCs.

Based on a review of the site closure requirements as specified in 15A NCAC 2L .0115(h), ATC requests a petition for site closure specifying No Further Action (NFA). Upon receipt of the NFA, ATC will provide a public notice in accordance with 15A NCAC 2L .0115(k) to the following:

- Pitt County Environmental Health Department;
- City of Greenville Mayor; and
- Property owners within or adjacent to the area containing contamination (see *Table 4*).

The notices will be delivered by certified mail and proof of receipt will be forwarded to the NCDENR within 60 days of ATC receiving the NFA. ATC will also complete a deed restriction as part of the NFA as required.

TABLES

TABLE 1

UST SYSTEM INFORMATION

FRANKLIN BAKING FACILITY
 1107 MYRTLE AVENUE
 GREENVILLE, NORTH CAROLINA
 ATC PROJECT NO. 45.18376.9921
 NCDENR INCIDENT NO. 12444
 NCDENR FACILITY ID. 0-018614

UST ID Number	Product	Capacity (gallons)	Date Installed	Date Permanently Closed	Was Release Associated with UST System?
0-018614	Gasoline	1,000	5/4/72	6/22/94	Yes

UST ID Number	Name of Owner or Operator	Dates of Ownership/ Operation	Dates of Ownership/ Operation	Owner or Operator?
0-018614	Franklin Bakery	5/4/72 to 6/22/94	5/4/72 to 6/22/94	Owner
Address		Telephone Number		
P.O. Drawer 228		(919) 735-0344		
Goldsboro, NC 27533				

TABLE 2

HISTORICAL SOIL ANALYTICAL RESULTS

FRANKLIN BAKING FACILITY
 1107 MYRTLE AVENUE
 GREENVILLE, NORTH CAROLINA
 ATC PROJECT NO. 45.18376.9921
 NCDENR INCIDENT NO. 12444
 NCDENR FACILITY ID NO. 0-018614

EPA Method 8260	Boring 1 Sample Dept Date Sample	MW-12 5' 8/21/01	MW1D 5' 8/21/01	SB-1 4-5' 12/11/01	SB-2 6-8' 12/11/01	SB-3 6-8' 12/11/01	SB-4 0-2' 12/11/01	SB-5 6-8' 12/11/01	SB-6 6-8' 12/11/01	SB-7 4-5' 12/11/01	SB-8 6-8' 12/11/01	SB-9 0-2' 2/5/02	SB-10 0-2' 2/5/02	SB-11 0-2' 2/5/02	Residential MSCC	Industrial/ Commercial MSCC	Soil-to- Groundwater MSCC
Acetone		<0.05	0.686	<0.040	<2.50	<2.50	<0.040	<2.50	<2.50	<0.05	<2.50	<0.041	<0.044	1.100	1,564	40,880	3
Benzene		<0.005	0.043	<0.004	0.95	<0.25	<0.004	<0.25	1.52	<0.005	2.89	<0.004	<0.004	<0.005	22	200	0.0056
n-Butylbenzene		<0.005	<0.004	<0.004	0.93	0.85	<0.004	0.82	0.63	<0.005	8.58	<0.004	<0.004	0.005	156	4,088	4
s-Butylbenzene		<0.005	<0.004	<0.004	<0.25	<0.25	<0.004	<0.25	<0.25	<0.005	1.51	<0.004	<0.004	<0.005	156	4,088	3
Ethylbenzene		<0.005	0.009	<0.004	0.72	1.69	<0.004	<0.25	1.80	<0.005	28.1	<0.004	<0.004	0.005	1,560	40,000	0.24
Isopropylbenzene		<0.005	<0.004	<0.004	<0.25	<0.25	<0.004	<0.25	<0.25	<0.005	2.82	<0.004	0.009	<0.005	1,564	40,880	2
4-Isopropyltoluene		<0.005	<0.004	<0.004	<0.25	<0.25	<0.004	<0.25	<0.25	<0.005	1.09	<0.004	<0.004	<0.005	NE	NE	NE
Methylene Chloride		0.015	<0.009	<0.008	<0.50	<0.50	<0.008	<0.50	<0.50	<0.01	<0.5	<0.008	<0.009	<0.009	85	763	0.02
MEK		<0.05	0.211	<0.040	<2.50	<2.50	<0.040	<2.50	<2.50	<0.05	<2.50	<0.041	<0.044	0.069	9,385	245,280	0.7
MTBE		<0.005	0.268	<0.004	1.55	<0.25	0.011	<0.25	1.28	0.007	3.21	<0.004	<0.004	<0.005	156	4,088	0.92
Naphthalene		<0.005	<0.004	<0.004	0.27	1.55	<0.004	1.20	1.33	<0.005	29.8	<0.004	<0.004	0.024	63	1,635	0.58
n-Propylbenzene		<0.005	<0.004	<0.004	0.40	0.99	<0.004	0.43	0.86	<0.005	17.5	<0.004	<0.004	0.005	156	4,088	2
Toluene		<0.005	0.009	<0.004	5.40	2.59	<0.004	<0.25	5.51	<0.005	53.7	<0.004	0.031	<0.005	3,200	82,000	7
Total Xylenes		<0.005	0.028	<0.004	12.95	11.11	<0.004	1.77	10.01	<0.005	162.1	0.016	0.058	0.042	32,000	200,000	5
1,3,5-Trimethylbenzene		<0.005	0.009	<0.004	3.21	2.36	<0.004	1.50	1.83	<0.005	38.8	<0.004	0.006	0.015	782	20,440	7
1,2,4-Trimethylbenzene		<0.005	0.021	<0.004	9.38	7.53	<0.004	5.09	5.94	<0.005	118	0.005	0.023	0.057	782	20,440	8
MADRP VPH		Units															
C5-C8 Aliphatics		mg/kg	<3.75	<3.75	25.3	32.9	<3.75	39.2	1,060	<3.75	1,100	<3.75	<3.75	<3.75	939	24,528	72
C9-C12 Aliphatics		mg/kg	<2.75	<2.75	57.4	49.3	<2.75	164	1,270	<2.75	2,520	<2.75	<2.75	<2.75	9,386	245,280	3,255
C9-C10 Aromatics		mg/kg	<0.5	<0.42	28.0	24.4	<0.5	66	550	<0.5	1,130	<0.5	<0.5	<0.5	469	12,264	34

- Notes:
1. MSCC = Maximum Soil Contaminant Concentration established by NCDENR.
 2. MTBE = Methyl-tert-butyl-ether.
 3. MEK = Methyl ethyl ketone.
 4. mg/kg = milligram per kilogram.
 5. "<" = None detected above method detection limit.
 6. NE = Not Established.
 7. Values in BOLD indicate concentrations above Soil-to-Groundwater MSCCs.
 8. Values in *italics* indicate concentrations above Residential MSCCs.
 9. Table shows compounds detected above laboratory method detection limits.
 10. Samples analyzed by EPA Method 8260 and MADRP VPH Method.
 11. Soil samples SB-1 through SB-8 were collected on December 11, 2001.
 12. Soil samples SB-9 through SB-11 were collected on February 5, 2002.

TABLE 3

POST-REMEDIATION SOIL ANALYTICAL RESULTS

FRANKLIN BAKING FACILITY
 1107 MYRTLE AVENUE
 GREENVILLE, NORTH CAROLINA
 ATC PROJECT NO. 45.18376.9921
 NCDENR INCIDENT NO. 12444
 NCDENR FACILITY ID NO. 0-018614

EPA Method 8260	Sample ID Sample Depth Date Sampled	Units	SW-1	SW-2	SW-3	SW-4	SW-5	SW-6	Residential MSCC	Industrial/ Commercial MSCC	Soil-to- Groundwater MSCC
			3-5' 10/17/02	3-5' 10/17/02	3-5' 10/17/02	3-5' 10/17/02	3-5' 10/17/02	3-5' 10/17/02			
Acetone		mg/kg	<2.50	0.109	0.126	0.080	0.088	0.071	1,564	40,880	3
Benzene		mg/kg	<0.25	0.053	0.009	0.011	0.011	0.006	22	200	0.0056
1,2-Dichloroethane		mg/kg	<0.25	<0.004	<0.005	<0.005	0.007	<0.005	7	63	0.0018
Toluene		mg/kg	<0.25	0.074	<0.005	<0.005	0.016	<0.005	3,200	82,000	7
Ethylbenzene		mg/kg	<0.25	0.024	<0.005	<0.005	<0.005	<0.005	1,560	40,000	0.24
Total Xylenes		mg/kg	<0.25	0.172	<0.005	<0.005	0.029	0.014	32,000	200,000	5
MTBE		mg/kg	0.40	0.863	0.009	0.006	0.063	<0.005	156	4,088	0.92
n-Propylbenzene		mg/kg	<0.25	0.014	<0.005	<0.005	<0.005	<0.005	156	4,088	2
1,3,5-Trimethylbenzene		mg/kg	<0.25	0.045	<0.005	<0.005	0.007	0.006	782	20,440	7
1,2,4-Trimethylbenzene		mg/kg	<0.25	0.168	0.009	<0.005	0.052	0.018	782	20,440	8
n-Butylbenzene		mg/kg	<0.25	0.014	<0.005	<0.005	<0.005	<0.005	156	4,088	4
Naphthalene		mg/kg	0.28	0.102	0.007	<0.005	0.054	<0.005	63	1,635	0.58
MADep VPH		Units									
C5-C8 Aliphatics		mg/kg	<3.75	<3.72	<3.75	<3.76	<3.75	<3.75	939	24,528	72
C9-C12 Aliphatics		mg/kg	<2.75	6.29	<2.75	<2.76	<2.75	<2.75	9,386	245,280	3,255
C9-C10 Aromatics		mg/kg	1.20	3.72	<0.50	<0.50	<0.50	<0.50	469	12,264	34

Notes:

1. MSCC = Maximum Soil Contaminant Concentration established by NCDENR.
2. MTBE = Methyl-tert-butyl-ether.
3. mg/kg = milligram per kilogram.
4. "<" = None detected above method detection limit.
5. Values in **BOLD** indicate concentrations above Soil-to-Groundwater MSCCs.
6. Table shows compounds detected above laboratory method detection limits.
7. Samples analyzed by EPA Method 8260 and MADEP VPH Method.
8. Soil samples were collected on October 17, 2002.

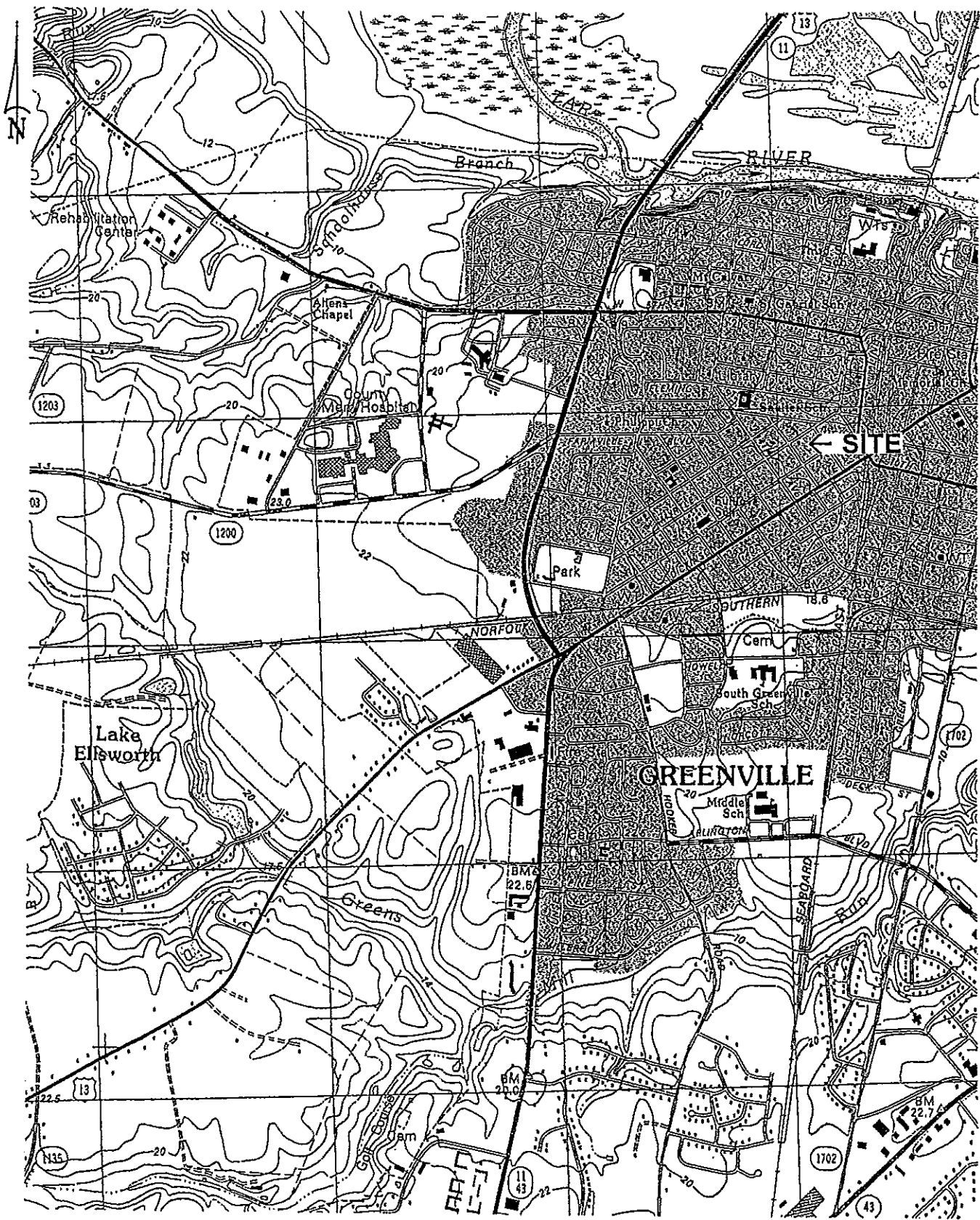
TABLE 4

ADJACENT PROPERTY INFORMATION

FRANKLIN BAKING FACILITY
 1107 MYRTLE AVENUE
 GREENVILLE, NORTH CAROLINA
 ATC PROJECT NO. 45.18376.9921
 NCDENR INCIDENT NO. 12444
 NCDENR FACILITY ID. 0-018614

Property Location Property Address	Owner's Name and Address	Land Use Parcel Identification Number
Site 1107 Myrtle Avenue Greenville, NC	Franklin Baking Facility P.O Drawer 228 Goldsboro, NC	Commercial 7998
East of Site 1103 Myrtle Avenue Greenville, NC	James Hudson and Jean Maebelle 1198 Forlines Road Winterville, NC	Commercial/Vacant 11435
Southeast of Site 1108 Chestnut Street Greenville, NC	SAAD Rentals, LLC P.O. Box 774 Greenville, NC	Residential 11483
South of Site 1113 Myrtle Avenue Greenville, NC	Jimmy A. Hughes 307 Horseshoe Drive Greenville, NC	Residential 540
West of Site 202 Pennsylvania Avenue Greenville, NC	George W. F. and Fay M. Sutton 2929 Bell Arthur Road Greenville, NC	Residential 23425
Northwest of Site (across Myrtle Avenue) 1112 Myrtle Avenue Greenville, NC	James Davis Unknown	Residential 11750
Northwest of Site (across Myrtle Avenue) 1110 Myrtle Avenue Greenville, NC	Walter Parker 2609 Cherokee Drive Greenville, NC	Residential 20549 and 21347
North of Site (across Myrtle Avenue) 307 Spruce Street Greenville, NC	Melvin and Sandra McLawhorn 100 Allendale Drive Greenville, NC	Commerical (Play School) 19992

FIGURES

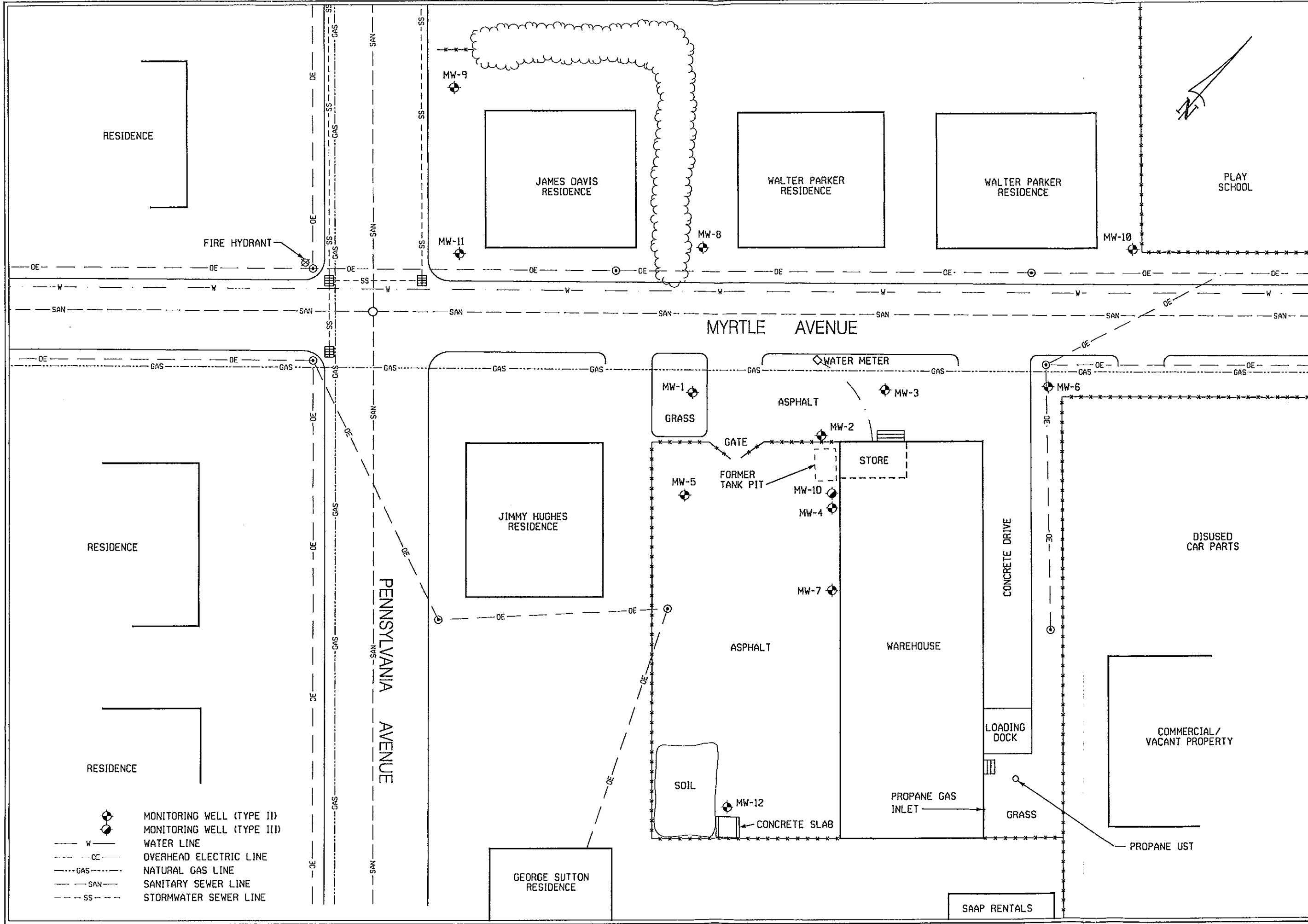


TITLE FIGURE 1
 SITE TOPOGRAPHIC MAP
 FRANKLIN BAKERY FACILITY
 1607 MYRTLE STREET
 GREENVILLE, NORTH CAROLINA



Raleigh, North Carolina 27615 (919)871-0999 FAX (919)871-0335

CAD FILE 1251288.DGN	TYPE CODE	PREP. BY CD	REV. BY GO	SCALE 1:2000	DATE 03-29-2002	PROJECT NO. 45.18376.9921
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- MONITORING WELL (TYPE II)
- MONITORING WELL (TYPE III)
- WATER LINE
- OVERHEAD ELECTRIC LINE
- NATURAL GAS LINE
- SANITARY SEWER LINE
- STORMWATER SEWER LINE



Raleigh, North Carolina 27615 (919)871-0999 FAX (919)871-0335

PROJECT NO. 45.18376.9921
DATE 10-31-2002
SCALE 1" = 30'

TITLE FIGURE 2
SITE MAP
FRANKLIN BAKING COMPANY
1107 MYRTLE AVENUE
GREENVILLE, NORTH CAROLINA

REV. BY GO
PREP. BY CD
TYPE CODE
CAD FILE 1251352.DGN

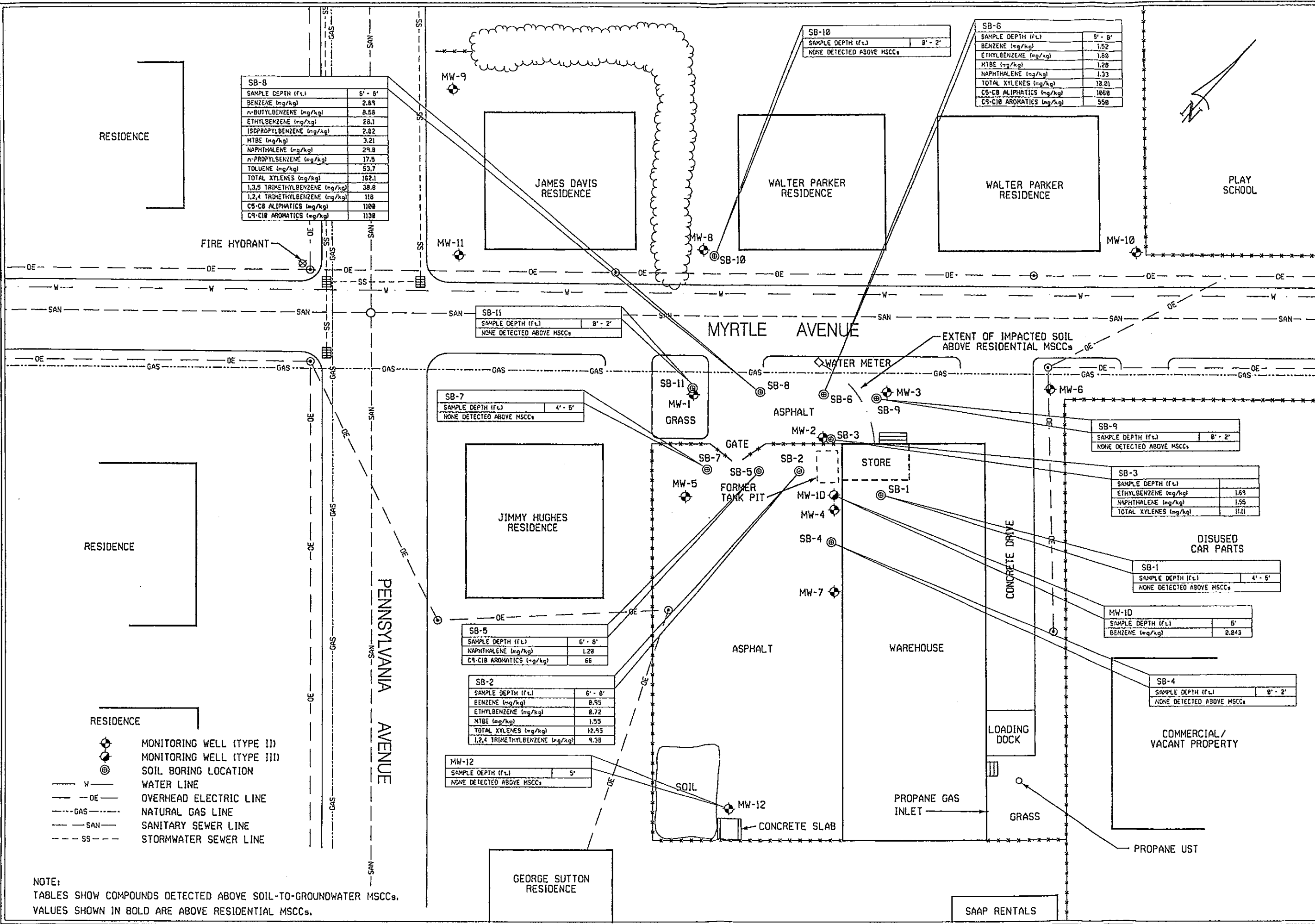
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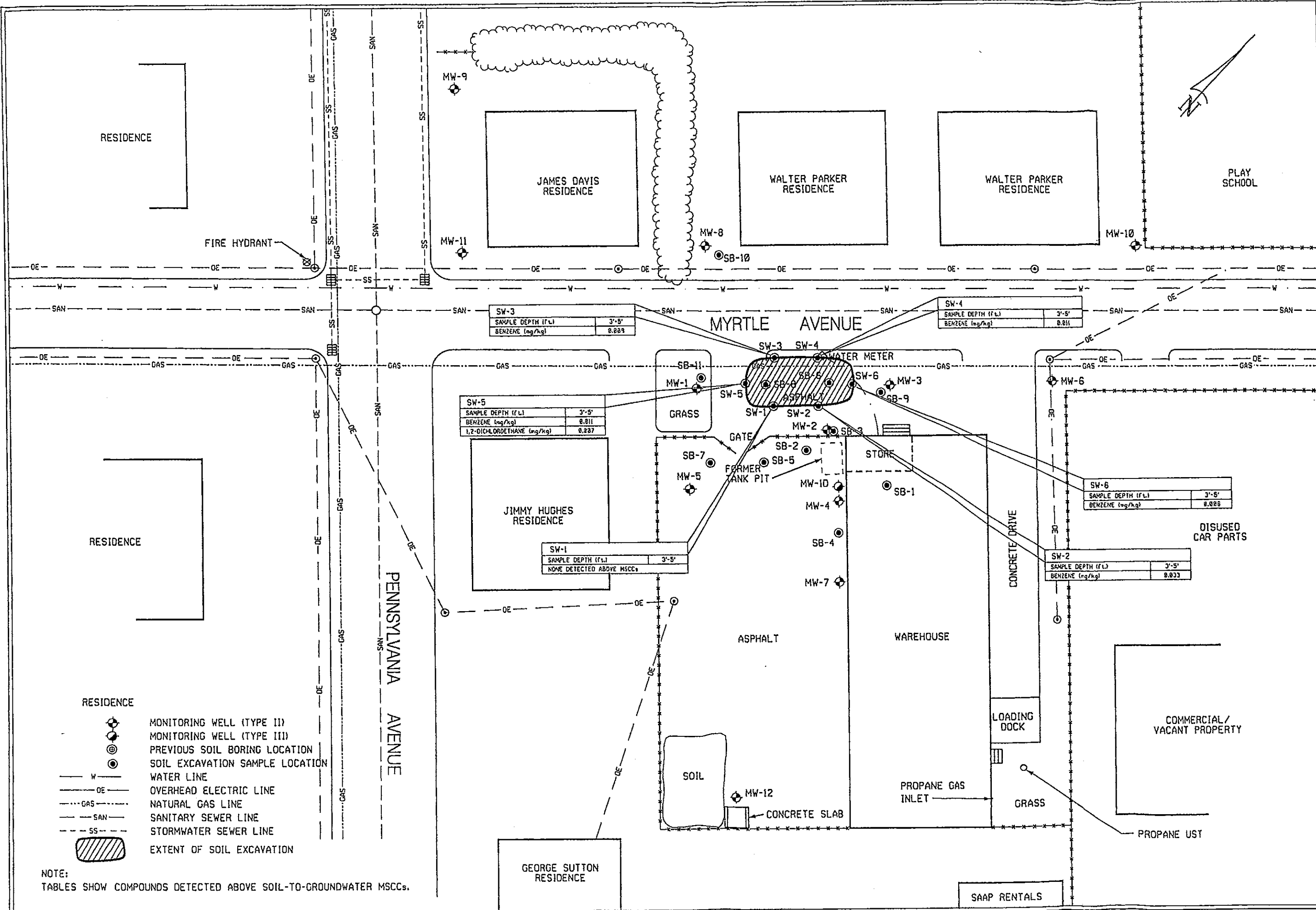


Raleigh, North Carolina 27615 (919)871-0999 FAX (919)871-0335
 PROJECT NO. 45.18376.9921
 DATE 10-31-2002
 SCALE 1" = 30'

TITLE FIGURE 3
 HISTORICAL SOIL ANALYTICAL DATA MAP
 FRANKLIN BAKING COMPANY
 1107 MYRTLE AVENUE
 GREENVILLE, NORTH CAROLINA
 REV. BY CP
 TYPE CODE
 CAD FILE 1251352.DGN

NOTES:
 1. SOIL SAMPLES WERE COLLECTED ON 12/11/2001 & 02/05/2002.





TITLE FIGURE 4
POST-REMEDIATION SOIL ANALYTICAL DATA MAP
FRANKLIN BAKING COMPANY
1107 MYRTLE AVENUE
GREENVILLE, NORTH CAROLINA

NOTES:
 1. SOIL EXCAVATION SAMPLES WERE COLLECTED ON 10/17/2002.

Raleigh, North Carolina 27615 (919)871-0999 FAX (919)871-0335
 SCALE 1" = 30'
 DATE 10-31-2002
 PROJECT NO. 45.18376.9921

CAD FILE 1251352.DGN
 TYPE CODE
 PREP. BY CP
 REV. BY GO

APPENDIX A
SOIL DISPOSAL MANIFESTS

SOILWORKS

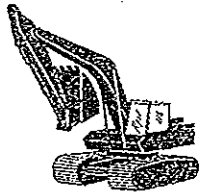
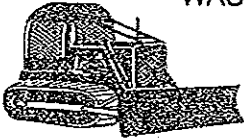
12861 NC96
Zebulon, NC 27597
Telephone: (919) 366-1500

OCT 2 3 2001

**NON-HAZARDOUS
PETROLEUM CONTAMINATED SOIL**

Please Check Appropriate Block

**NON-HAZARDOUS
WASTE MANIFEST**



TPH/PPM _____

- Gasoline
- Kerosene
- Diesel
- Jet Fuel
- Light Oil

APPROVAL # _____

MANIFEST # _____

BROKER/CONTRACTOR: A&D Environmental & Trd Svcs TELEPHONE: (800) 434 7450

2718 Uwharrie Rd.

Archdale NC 27263

GENERATOR: A7C Associates

Franklin Park, N.C.

1109 Myrtle St

Greenville, N.C.

TRANSPORTER: A&D Environmental & Trd Svcs TELEPHONE: _____

2718 Uwharrie Rd.

Archdale NC 27263

GROSS WEIGHT 71.20

TRUCK TAG # & STATE: NC 2K1699

TARE WEIGHT 3.980

TRUCK #: A7-9

NET WGT. 40.640

DRIVER'S SIGNATURE: [Signature]

EQUIV. TONS 20.32

DATE & TIME DISPATCHED: 10/2/01

BY: _____

DATE & TIME WEIGHED: _____

BY: _____

WEIGH MASTER SIG.: _____

INSPECTED & ACCEPTED BY: (SOILWORKS) [Signature]

DATE & TIME RECEIVED: _____

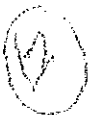
<input type="checkbox"/> A.M.	WEATHER	<input type="checkbox"/> P.M.
<input type="checkbox"/> Clear		<input type="checkbox"/> Overcast
<input type="checkbox"/> Rain	<input type="checkbox"/> Drizzle	<input type="checkbox"/> Snow

NOTICE TO TRUCKER:
TRUCKS WILL NOT BE PERMITTED TO ENTER THE
FACILITY WITHOUT THIS ENTRANCE FORM:

White - Billing
Yellow - Generator
Pink - Filing
Gold - Trucker

White, Yellow and Pink copies of this form must be left at Soilworks.

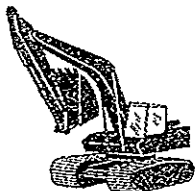
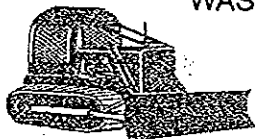
SOILWORKS
12861 NC96
Zebulon, NC 27597
Telephone: (919) 366-1500



**NON-HAZARDOUS
PETROLEUM CONTAMINATED SOIL**

Please Check Appropriate Block

**NON-HAZARDOUS
WASTE MANIFEST**



TPH/PPM _____

- Gasoline Kerosene
 Diesel Jet Fuel Light Oil

APPROVAL # _____

MANIFEST # _____

BROKER/CONTRACTOR: A&D Environmental & Ind. Svcs. TELEPHONE: (800) 434-7450

2718 Uwharrie Rd.
Archdale, NC 27263

GENERATOR: ATC Associates

Franklin Building Co.
1107 Myrtle St.
Crawfordsville, N.C.

TRANSPORTER: A&D Environmental & Ind. Svcs. TELEPHONE: _____

2718 Uwharrie Rd.
Archdale, NC 27263

GROSS WEIGHT 72200

TRUCK TAG # & STATE: _____

TARE WEIGHT 32840

TRUCK #: RT-8

NET WGT. 39360

DRIVER'S SIGNATURE: [Signature]

EQUIV. TONS 19.6

DATE & TIME DISPATCHED: _____

BY: _____

DATE & TIME WEIGHED: _____

BY: [Signature]

WEIGH MASTER SIG.: _____

INSPECTED & ACCEPTED BY: (SOILWORKS) [Signature]

DATE & TIME RECEIVED: _____

<input type="checkbox"/> A.M.	WEATHER	<input type="checkbox"/> P.M.
<input type="checkbox"/> Clear		<input type="checkbox"/> Overcast
<input type="checkbox"/> Rain	<input type="checkbox"/> Drizzle	<input type="checkbox"/> Snow

NOTICE TO TRUCKER:
TRUCKS WILL NOT BE PERMITTED TO ENTER THE
FACILITY WITHOUT THIS ENTRANCE FORM:

White - Billing
Yellow - Generator
Pink - Filing
Gold - Trucker

White, Yellow and Pink copies of this form must be left at Soilworks.

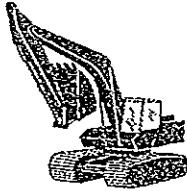
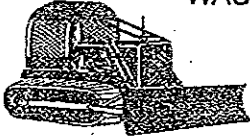
SOILWORKS

12861 NC96
Zebulon, NC 27597
Telephone: (919) 366-1500

**NON-HAZARDOUS
PETROLEUM CONTAMINATED SOIL**

Please Check Appropriate Block

**NON-HAZARDOUS
WASTE MANIFEST**



TPH/PPM _____

- Gasoline
- Kerosene
- Diesel
- Jet Fuel
- Light Oil

APPROVAL # _____

MANIFEST # _____

BROKER/CONTRACTOR: A&D Environmental & Ind. Svcs. TELEPHONE: (800) 434-7750

2718 Uwharrie Rd.
Archdale, NC 27263

GENERATOR: ATC Associates
Franklin's Plumbing Co.

1107 W. 1st St.
Cornelius, N.C.

TRANSPORTER: A&D Environmental & Ind. Svcs. TELEPHONE: _____

2718 Uwharrie Rd.
Archdale, NC 27263

GROSS WEIGHT 72720

TRUCK TAG # & STATE: _____

TARE WEIGHT 31400

TRUCK #: BC1

NET WGT. 41320

DRIVER'S SIGNATURE: [Signature]

EQUIV. TONS 20.66

DATE & TIME DISPATCHED: _____

BY: _____

DATE & TIME WEIGHED: _____

BY: _____

WEIGH MASTER SIG.: _____

INSPECTED & ACCEPTED BY: (SOILWORKS) [Signature]

DATE & TIME RECEIVED: _____

<input type="checkbox"/> A.M.	WEATHER	<input type="checkbox"/> P.M.
<input type="checkbox"/> Clear		<input type="checkbox"/> Overcast
<input type="checkbox"/> Rain		<input type="checkbox"/> Snow
<input type="checkbox"/> Drizzle		

NOTICE TO TRUCKER:
TRUCKS WILL NOT BE PERMITTED TO ENTER THE FACILITY WITHOUT THIS ENTRANCE FORM:

White - Billing
Yellow - Generator
Pink - Filing
Gold - Trucker

White, Yellow and Pink copies of this form must be left at Soilworks.

SOILWORKS

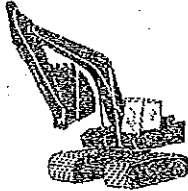
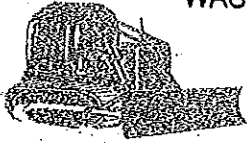
12861 NC96
Zebulon, NC 27597
Telephone: (919) 366-1500

4

**NON-HAZARDOUS
PETROLEUM CONTAMINATED SOIL**

Please Check Appropriate Block

**NON-HAZARDOUS
WASTE MANIFEST**



TPH/PPM _____

- Gasoline
- Kerosene
- Diesel
- Jet Fuel
- Light Oil

APPROVAL # _____

MANIFEST # _____

BROKER/CONTRACTOR: A&D ENVIRONMENTAL

TELEPHONE: 800-434-7750

P.O. Box 484

High Point, NC 27261

GENERATOR: _____

TRANSPORTER: Buffalo Creek

Wendell NC

TELEPHONE: _____

TRUCK TAG # & STATE: _____

GROSS WEIGHT 65120

TARE WEIGHT 32000

TRUCK #: _____

NET WGT. 33120

DRIVER'S SIGNATURE: [Signature]

EQUIV. TONS 16.54

DATE & TIME DISPATCHED: _____

BY: _____

DATE & TIME WEIGHED: _____

BY: _____

WEIGH MASTER SIG.: _____

INSPECTED & ACCEPTED BY: (SOILWORKS) _____

DATE & TIME RECEIVED: _____

<input type="checkbox"/> A.M.	WEATHER	<input type="checkbox"/> P.M.
<input type="checkbox"/> Clear		<input type="checkbox"/> Overcast
<input type="checkbox"/> Rain	<input type="checkbox"/> Drizzle	<input type="checkbox"/> Snow

NOTICE TO TRUCKER:
TRUCKS WILL NOT BE PERMITTED TO ENTER THE
FACILITY WITHOUT THIS ENTRANCE FORM:

White - Billing
Yellow - Generator
Pink - Filing
Gold - Trucker

White, Yellow and Pink copies of this form must be left at Soilworks.

SOILWORKS

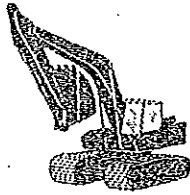
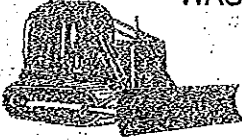
12861 NC96
Zebulon, NC 27597
Telephone: (919) 366-1500



**NON-HAZARDOUS
PETROLEUM CONTAMINATED SOIL**

Please Check Appropriate Block

**NON-HAZARDOUS
WASTE MANIFEST**



TPH/PPM _____

- Gasoline
- Kerosene
- Diesel
- Jet Fuel
- Light Oil

APPROVAL # _____

MANIFEST # _____

BROKER/CONTRACTOR: A&D ENVIRONMENTAL

TELEPHONE: 800-434-7750

P.O. Box 484

High Point, NC 27261

GENERATOR: _____

TRANSPORTER: Marom

TELEPHONE: _____

TRUCK TAG # & STATE: _____

GROSS WEIGHT 56960

TARE WEIGHT 28200

TRUCK #: _____

NET WGT. ~~28,760~~ 28,760

DRIVER'S SIGNATURE: James Cooper

EQUIV. TONS ~~14.38~~ 14.38

DATE & TIME DISPATCHED: _____

BY: _____

DATE & TIME WEIGHED: _____

BY: _____

WEIGH MASTER SIG.: _____

INSPECTED & ACCEPTED BY: (SOILWORKS) _____

DATE & TIME RECEIVED: _____

<input type="checkbox"/> A.M.	WEATHER	<input type="checkbox"/> P.M.
<input type="checkbox"/> Clear		<input type="checkbox"/> Overcast
<input type="checkbox"/> Rain	<input type="checkbox"/> Drizzle	<input type="checkbox"/> Snow

NOTICE TO TRUCKER:
TRUCKS WILL NOT BE PERMITTED TO ENTER THE
FACILITY WITHOUT THIS ENTRANCE FORM:

White - Billing
Yellow - Generator
Pink - Filing
Gold - Trucker

White, Yellow and Pink copies of this form must be left at Soilworks.

SOILWORKS

12861 NC96
Zebulon, NC 27597
Telephone: (919) 366-1500

6

**NON-HAZARDOUS
PETROLEUM CONTAMINATED SOIL**

Please Check Appropriate Block

**NON-HAZARDOUS
WASTE MANIFEST**



TPH/PPM _____

- Gasoline
- Diesel
- Kerosene
- Jet Fuel
- Light Oil

APPROVAL # _____

MANIFEST # _____

BROKER/CONTRACTOR: A&D ENVIRONMENTAL
P.O. Box 484
High Point, NC 27261

TELEPHONE: 800-434-7750

GENERATOR: _____

TRANSPORTER: MRM

TELEPHONE: _____

TRUCK TAG # & STATE: _____

GROSS WEIGHT 18220

TRUCK #: _____

TARE WEIGHT 31

DRIVER'S SIGNATURE: Bobby A. [Signature]

NET WGT. 47260

DATE & TIME DISPATCHED: _____

EQUIV. TONS 23.63

DATE & TIME WEIGHED: _____

BY: _____

WEIGH MASTER SIG.: _____

BY: _____

INSPECTED & ACCEPTED BY: (SOILWORKS) _____

DATE & TIME RECEIVED: _____

<input type="checkbox"/> A.M.	WEATHER	<input type="checkbox"/> P.M.
<input type="checkbox"/> Clear		<input type="checkbox"/> Overcast
<input type="checkbox"/> Rain	<input type="checkbox"/> Drizzle	<input type="checkbox"/> Snow

NOTICE TO TRUCKER:
TRUCKS WILL NOT BE PERMITTED TO ENTER THE FACILITY WITHOUT THIS ENTRANCE FORM:

White - Billing
Yellow - Generator
Pink - Filing
Gold - Trucker

White, Yellow and Pink copies of this form must be left at Soilworks.

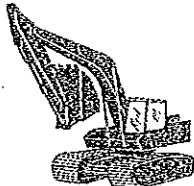
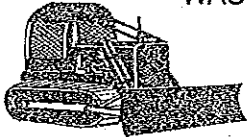
SOILWORKS

12861 NC96
Zebulon, NC 27597
Telephone: (919) 366-1500

**NON-HAZARDOUS
PETROLEUM CONTAMINATED SOIL**

Please Check Appropriate Block

**NON-HAZARDOUS
WASTE MANIFEST**



TPH/PPM _____

- Gasoline
- Kerosene
- Diesel
- Jet Fuel
- Light Oil

APPROVAL # _____

MANIFEST # _____

BROKER/CONTRACTOR: AsDENV + WJ SERV.

TELEPHONE: (800) 434 7750

GENERATOR: Franklin Perkins CD
1107 MYRTLE AVE
GREENVILLE, NC

TRANSPORTER: AsDENV ENVIRONMENTAL FUND SERV
301 271 8 UWHAZIE RD
REHOBOTH NC 27263

TELEPHONE: _____

TRUCK TAG # & STATE: 6/12/99 12.35

GROSS WEIGHT 84560

TRUCK #: 47-9

TARE WEIGHT 31950

DRIVER'S SIGNATURE: [Signature]

NET WGT. 52610

DATE & TIME DISPATCHED: 12/5

EQUIV. TONS 26.44

DATE & TIME WEIGHED: _____

BY: _____

WEIGH MASTER SIG.: _____

BY: [Signature]

INSPECTED & ACCEPTED BY: (SOILWORKS) _____

DATE & TIME RECEIVED: _____

<input type="checkbox"/> A.M.	WEATHER	<input type="checkbox"/> P.M.
<input type="checkbox"/> Clear		<input type="checkbox"/> Overcast
<input type="checkbox"/> Rain	<input checked="" type="checkbox"/> Drizzle	<input type="checkbox"/> Snow

NOTICE TO TRUCKER:
TRUCKS WILL NOT BE PERMITTED TO ENTER THE FACILITY WITHOUT THIS ENTRANCE FORM:

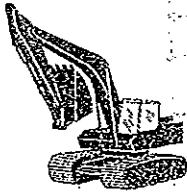
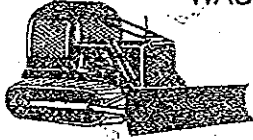
White - Billing
Yellow - Generator
Pink - Filing
Gold - Trucker

White, Yellow and Pink copies of this form must be left at Soilworks.

SOILWORKS

12861 NC96
Zebulon, NC 27597
Telephone: (919) 366-1500

**NON-HAZARDOUS
WASTE MANIFEST**



**NON-HAZARDOUS
PETROLEUM CONTAMINATED SOIL**

Please Check Appropriate Block

TPH/PPM _____

- Gasoline
- Kerosene
- Diesel
- Jet Fuel
- Light Oil

APPROVAL # _____

MANIFEST # _____

BROKER/CONTRACTOR: A&D Environmental & Tech Svc TELEPHONE: (800) 434-7450
2718 Uwharrie Rd.
Archdale, NC 27263

GENERATOR: _____

TRANSPORTER: A&D Environmental & Tech Svc TELEPHONE: _____
2718 Uwharrie Rd.
Archdale, NC 27263

TRUCK TAG # & STATE: _____

GROSS WEIGHT 90760

TARE WEIGHT 28500

TRUCK #: RT8

NET WGT. 57920

DRIVER'S SIGNATURE: [Signature]

EQUIV. TONS 28.9

DATE & TIME DISPATCHED: _____

BY: _____

DATE & TIME WEIGHED: _____

BY: _____

WEIGH MASTER SIG.: _____

INSPECTED & ACCEPTED BY: (SOILWORKS) [Signature]

DATE & TIME RECEIVED: _____

<input type="checkbox"/> A.M.	WEATHER	<input type="checkbox"/> P.M.
<input type="checkbox"/> Clear		<input type="checkbox"/> Overcast
<input type="checkbox"/> Rain	<input type="checkbox"/> Drizzle	<input type="checkbox"/> Snow

NOTICE TO TRUCKER:
TRUCKS WILL NOT BE PERMITTED TO ENTER THE FACILITY WITHOUT THIS ENTRANCE FORM:

White - Billing
Yellow - Generator
Pink - Filing
Gold - Trucker

White, Yellow and Pink copies of this form must be left at Soilworks.

SOILWORKS

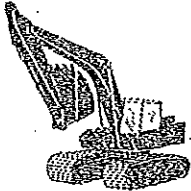
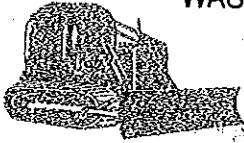
12861 NC96
Zebulon, NC 27597
Telephone: (919) 366-1500

10

**NON-HAZARDOUS
PETROLEUM CONTAMINATED SOIL**

Please Check Appropriate Block

**NON-HAZARDOUS
WASTE MANIFEST**



TPH/PPM _____

- Gasoline
- Diesel
- Kerosene
- Jet Fuel
- Light Oil

APPROVAL # _____

MANIFEST # _____

BROKER/CONTRACTOR: A&D ENVIRONMENTAL

TELEPHONE: 800-434-7750

P.O. Box 484

High Point, NC 27261

GENERATOR: Franklin Bakery

1107 Murrell Avenue

Greenville, NC

TRANSPORTER: MARM

Wilmington, NC

TELEPHONE: _____

GROSS WEIGHT 82540

TARE WEIGHT 31400

NET WGT. 49140

EQUIV. TONS 24.57 24.57

TRUCK TAG # & STATE: _____

TRUCK #: _____

DRIVER'S SIGNATURE: Billy A.

DATE & TIME DISPATCHED: _____

DATE & TIME WEIGHED: _____

WEIGH MASTER SIG.: _____

BY: _____

BY: _____

INSPECTED & ACCEPTED BY: (SOILWORKS) _____

DATE & TIME RECEIVED 10-15-00 (5:30 AM)

<input type="checkbox"/> A.M.	WEATHER	<input type="checkbox"/> P.M.
<input type="checkbox"/> Clear		<input type="checkbox"/> Overcast
<input type="checkbox"/> Rain	<input type="checkbox"/> Drizzle	<input type="checkbox"/> Snow

NOTICE TO TRUCKER:
TRUCKS WILL NOT BE PERMITTED TO ENTER THE FACILITY WITHOUT THIS ENTRANCE FORM:

White - Billing
Yellow - Generator
Pink - Filing
Gold - Trucker

White, Yellow and Pink copies of this form must be left at Soilworks.

SOILWORKS

12661 NC99

Zebulon, NC 27597

Telephone: (919) 388-1600

**NON-HAZARDOUS
WASTE MANIFEST**

**NON-HAZARDOUS
PETROLEUM CONTAMINATED SOIL**

Please Check Appropriate Block

TPH/PPM _____

Gasoline

Kerosene

Diesel

Jet Fuel

Light Oil

APPROVAL # _____

MANIFEST # _____

BROKER/CONTRACTOR: A&D ENVIRONMENTAL

TELEPHONE: 800-434-7750

P.O. Box 484

High Point, NC 27261

GENERATOR: Franklin Baking Company

107 Murphree Avenue

Greenville, NC

TRANSPORTER: Buffalo Creek

Wendell, NC

TELEPHONE: _____

TRUCK TAG # & STATE: _____

GROSS WEIGHT 94600

TARE WEIGHT 33120

TRUCK # MT16

NET WGT. 51480

DRIVER'S SIGNATURE: [Signature]

EQUIV. TONS 25.7 tons

DATE & TIME DISPATCHED: 10/15/02

BY: [Signature]

DATE & TIME WEIGHED: 10/15/02

BY: _____

WEIGH MASTER SIG: _____

INSPECTED & ACCEPTED BY: (SOILWORKS) _____

[Signature]

DATE & TIME RECEIVED: 10/15/02

<input type="checkbox"/> A.M.	WEATHER	<input type="checkbox"/> P.M.
<input type="checkbox"/> Clear		<input type="checkbox"/> Overcast
<input type="checkbox"/> Rain		<input type="checkbox"/> Snow

NOTICE TO TRUCKER:
TRUCKER WILL NOT BE PERMITTED TO ENTER THE FACILITY WITHOUT THIS ENTRANCE FORM.

White - Existing

Yellow and Pink copies of this form must be left at Soilworks.

Blue - Filing

Gold - Transfer

SOILWORKS

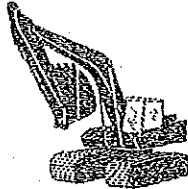
12861 NC96
Zebulon, NC 27597
Telephone: (919) 366-1500

12

**NON-HAZARDOUS
PETROLEUM CONTAMINATED SOIL**

Please Check Appropriate Block

**NON-HAZARDOUS
WASTE MANIFEST**



TPH/PPM _____

- Gasoline
- Kerosene
- Diesel
- Jet Fuel
- Light Oil

APPROVAL # _____

MANIFEST # _____

BROKER/CONTRACTOR: A&D ENVIRONMENTAL
P.O. Box 484

TELEPHONE: 800-434-7750

High Point, NC 27261

GENERATOR: Franklin Radio Company
1107 Mistle Street
Greenville, NC

TRANSPORTER: Buffalo Creek
Wendell, NC

TELEPHONE: _____

TRUCK TAG # & STATE: _____

GROSS WEIGHT 79020

TRUCK #: _____

TARE WEIGHT 31480

DRIVER'S SIGNATURE: _____

NET WGT. 47620

DATE & TIME DISPATCHED: _____

EQUIV. TONS 23.81

DATE & TIME WEIGHED: _____

BY: 24 57 24 97

WEIGH MASTER SIG.: _____

BY: _____

INSPECTED & ACCEPTED BY: (SOILWORKS) _____

DATE & TIME RECEIVED: _____

<input type="checkbox"/> A.M.	WEATHER	<input type="checkbox"/> P.M.
<input type="checkbox"/> Clear		<input type="checkbox"/> Overcast
<input type="checkbox"/> Rain	<input type="checkbox"/> Drizzle	<input type="checkbox"/> Snow

NOTICE TO TRUCKER:
TRUCKS WILL NOT BE PERMITTED TO ENTER THE
FACILITY WITHOUT THIS ENTRANCE FORM:

White - Billing
Yellow - Generator
Pink - Filing
Gold - Trucker

White, Yellow and Pink copies of this form must be left at Soilworks.

SOILWORKS

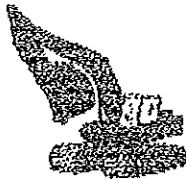
12851 NC98
Zebulon, NC 27887
Telephone: (919) 368-1500

12-B

**NON-HAZARDOUS
PETROLEUM CONTAMINATED SOIL**

Please Check Appropriate Block

**NON-HAZARDOUS
WASTE MANIFEST**



TPH/PPM _____

- Gasoline
- Kerosene
- Diesel
- Jet Fuel
- Light Oil

APPROVAL # _____

MANIFEST # _____

BROKER/CONTRACTOR: A&D ENVIRONMENTAL

TELEPHONE: 800-434-7750

P.O. Box 484

High Point, NC 27261

GENERATOR: Franklin Baking Company

1157 Myrtle Street

Greenville, NC

TRANSPORTER: Morgan Transport Co

Wendell, NC

TELEPHONE: (919) 291-9185

TRUCK TAG # & STATE: _____

GROSS WEIGHT: ~~28200~~ 65580

TRUCK #: _____

TARE WEIGHT: 28200

DRIVER'S SIGNATURE: _____

NET WGT. 37380

DATE & TIME DISPATCHED: 10/15/02

EQUIV. TONS 18.7 tons

DATE & TIME WEIGHED: 10/15/02

BY: [Signature]

WEIGHMASTER SIG: _____

BY: _____

INSPECTED & ACCEPTED BY: (SOILWORKS) [Signature]

DATE & TIME RECEIVED: 10/15/02

<input type="checkbox"/> A.M.	WEATHER	<input type="checkbox"/> P.M.
<input type="checkbox"/> Clear		<input type="checkbox"/> Overcast
<input type="checkbox"/> Rain	<input type="checkbox"/> Drizzle	<input type="checkbox"/> Snow

NOTICE TO TRUCKER:
TRUCKS WILL NOT BE PERMITTED TO ENTER THE FACILITY WITHOUT THIS ENTRANCE FORM:

White - Billing
Yellow - Generator
Pink - Filing
Gold - Tracker

White, Yellow and Pink copies of this form must be left at Soilworks.

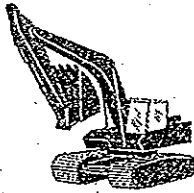
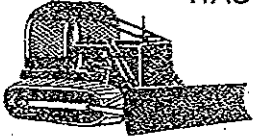
SOILWORKS

12861 NC96
Zebulon, NC 27597
Telephone: (919) 366-1500

**NON-HAZARDOUS
PETROLEUM CONTAMINATED SOIL**

Please Check Appropriate Block

**NON-HAZARDOUS
WASTE MANIFEST**



TPH/PPM _____

- Gasoline
- Diesel
- Kerosene
- Jet Fuel
- Light Oil

APPROVAL # _____

MANIFEST # _____

BROKER/CONTRACTOR: A&D Environmental & Trd Svcs TELEPHONE: (800) 434 7450
2718 Unharnie Rd.
Archdale, NC 27263

GENERATOR: Franklin Balesia Company
1107 Middle Road
Greenville, NC

TRANSPORTER: A&D Environmental & Trd Svcs TELEPHONE: _____
2718 Unharnie Rd.
Archdale, NC 27263

TRUCK TAG # & STATE: N.C. 1K6699

GROSS WEIGHT 84730

TRUCK #: RT-9

TARE WEIGHT 31980

DRIVER'S SIGNATURE: _____

NET WGT. 52740

DATE & TIME DISPATCHED: _____

EQUIV. TONS 263740

DATE & TIME WEIGHED: _____

BY: _____

WEIGH MASTER SIG.: _____

BY: _____

INSPECTED & ACCEPTED BY: (SOILWORKS) _____

DATE & TIME RECEIVED: _____

<input type="checkbox"/> A.M.	WEATHER	<input type="checkbox"/> P.M.
<input type="checkbox"/> Clear	<input checked="" type="checkbox"/> Overcast	
<input type="checkbox"/> Rain	<input type="checkbox"/> Drizzle	<input type="checkbox"/> Snow

NOTICE TO TRUCKER:
TRUCKS WILL NOT BE PERMITTED TO ENTER THE FACILITY WITHOUT THIS ENTRANCE FORM:

White - Billing
Yellow - Generator
Pink - Filing
Gold - Trucker

White, Yellow and Pink copies of this form must be left at Soilworks.

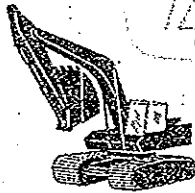
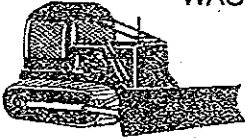
SOILWORKS

12861 NC96
Zebulon, NC 27597
Telephone: (919) 366-1500

**NON-HAZARDOUS
PETROLEUM CONTAMINATED SOIL**

Please Check Appropriate Block

**NON-HAZARDOUS
WASTE MANIFEST**



TPH/PPM _____

- Gasoline
- Diesel
- Kerosene
- Jet Fuel
- Light Oil

APPROVAL # _____

MANIFEST # _____

BROKER/CONTRACTOR: A&D Environmental & Trl Svcs TELEPHONE: (800) 434 7150
2718 Uwharrie Rd.
Archdale, NC 27263

GENERATOR: Franklin Bakery
1107 Myrtle St
Exmore, Va, N.C.

TRANSPORTER: A&D Environmental & Trl Svcs TELEPHONE: _____
2718 Uwharrie Rd.
Archdale NC 27263

TRUCK TAG # & STATE: _____

GROSS WEIGHT 58900

TRUCK #: AT-8

TARE WEIGHT 32840

DRIVER'S SIGNATURE: [Signature]

NET WGT. 25860

DATE & TIME DISPATCHED: _____

EQUIV. TONS 10.9

DATE & TIME WEIGHED: _____

BY: _____

WEIGH MASTER SIG.: [Signature]

BY: _____

INSPECTED & ACCEPTED BY: (SOILWORKS) [Signature]

DATE & TIME RECEIVED: _____

<input type="checkbox"/> A.M.	WEATHER	<input type="checkbox"/> P.M.
<input type="checkbox"/> Clear		<input type="checkbox"/> Overcast
<input type="checkbox"/> Rain		<input type="checkbox"/> Snow
<input type="checkbox"/> Drizzle		

NOTICE TO TRUCKER:
 TRUCKS WILL NOT BE PERMITTED TO ENTER THE
 FACILITY WITHOUT THIS ENTRANCE FORM:

White - Billing
 Yellow - Generator
 Pink - Filing
 Gold - Trucker

White, Yellow and Pink copies of this form must be left at Soilworks.

APPENDIX B

LABORATORY ANALYTICAL RESULTS



HYGEIA LABORATORIES, INC.

1300 Williams Drive, Suite A - Marietta, Georgia 30066-6299 - (770) 514-6933, FAX (770) 514-6966

OCT 30 2002

Lab Project No. **M0210180**

Report Date: 10/25/02 1 of 14

Client Name: **ATC Associates of North Carolina, P.C.**

Contact: **Genna Olson**

Address: **2725 East Millbrook Road**

Suite 121

Raleigh, NC 27604

Project Name: **Franklin Bakery - Greenville**

Project ID: **45.18376.9921**

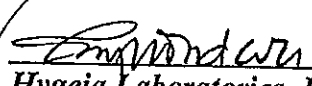
Receipt Date: **10/17/2002**

Case Narrative

1. The sample holding times were met for all analyses.
2. Where applicable, results & reporting limits are based on wet weight; dry weight calculations available.
3. The temperature of the sample cooler as received by the laboratory was 4°C.
4. The MADEP-VPH Quality Control Calibration Sheet is attached at the end of this report.

Reviewed By: 

Respectively Submitted:


Genna Olson
Hygeia Laboratories, Inc.

Sample Identification

<u>Lab Sample #</u>	<u>Client Sample ID</u>	<u>Sample Supply</u>	<u>Collected</u>
M0210180-01	SW-1	Soil	10/16/02
M0210180-02	SW-2	Soil	10/16/02
M0210180-03	SW-3	Soil	10/16/02
M0210180-04	SW-4	Soil	10/16/02
M0210180-05	SW-5	Soil	10/16/02
M0210180-06	SW-6	Soil	10/16/02

Lab Project No. **M0210180**

Report Date: 10/25/02 2 of 14

Volatile Organics

Units: mg/Kg (ppm)

Method #: EPA_8260B

Matrix: Soil

Analysis Date: 10/19/2002

Prep Date: 10/18/2002

Analyst: DR

Lab Sample #: M0210180-01

Client ID: SW-1

Analyte(s)	CAS #	Result	Report Limit	Flag Code
Dichlorodifluoromethane	75-71-8	BRL	0.25	
Chloromethane	74-87-3	BRL	0.25	
Vinyl chloride	75-01-4	BRL	0.10	
Bromomethane	74-83-9	BRL	0.25	
Chloroethane	75-00-3	BRL	0.25	
Trichlorofluoromethane	75-69-4	BRL	0.25	
Acetone	67-64-1	BRL	2.50	
1,1-Dichloroethene	75-35-4	BRL	0.25	
Acrolein	107-02-8	BRL	2.50	
Iodomethane (Methyl iodide)	74-88-4	BRL	0.25	
Methylene chloride	75-09-2	BRL	0.50	
Carbon disulfide	75-15-0	BRL	0.25	
t-1,2-Dichloroethene	156-60-5	BRL	0.25	
Acrylonitrile (2-propenenitrile)	107-13-1	BRL	2.50	
methyl-tert-butyl ether (MTBE)	1634-04-4	0.40	0.25	
Vinyl acetate	108-05-4	BRL	0.25	
1,1-Dichloroethane	75-34-3	BRL	0.25	
2-Butanone (methyl ethyl ketone)	78-93-3	BRL	2.50	
2,2-Dichloropropane	594-20-7	BRL	0.25	
c-1,2-Dichloroethene	156-59-2	BRL	0.25	
Bromochloromethane	74-97-5	BRL	0.25	
Chloroform	67-66-3	BRL	0.25	
1,1,1-Trichloroethane	71-55-6	BRL	0.25	
Carbon tetrachloride	56-23-5	BRL	0.25	
1,1-Dichloropropene	563-58-6	BRL	0.25	
Benzene	71-43-2	BRL	0.25	
1,2-Dichloroethane	107-06-2	BRL	0.25	
Trichloroethene	79-01-6	BRL	0.25	
1,2-Dichloropropane	78-87-5	BRL	0.25	
Dibromomethane	74-95-3	BRL	0.25	
Bromodichloromethane	75-27-4	BRL	0.25	
2-Chloroethyl vinyl ether	110-75-8	BRL	2.50	
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	2.50	
c-1,3-Dichloropropene	10061-01-5	BRL	0.25	
Toluene	108-88-3	BRL	0.25	
t-1,3-Dichloropropene	10061-02-6	BRL	0.25	
1,1,2-Trichloroethane	79-00-5	BRL	0.25	
2-Hexanone	591-78-6	BRL	2.50	
Tetrachloroethene	127-18-4	BRL	0.25	
1,3-Dichloropropane	142-28-9	BRL	0.25	
Dibromochloromethane	124-48-1	BRL	0.25	
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.25	
Chlorobenzene	108-90-7	BRL	0.25	
1,1,1,2-Tetrachloroethane	630-20-6	BRL	0.25	
Ethylbenzene	100-41-4	BRL	0.25	
m&p-Xylene	108-38-3	BRL	0.25	
o-Xylene	95-47-6	BRL	0.25	

Lab Project No. **M0210180**

Report Date: 10/25/02 3 of 14

Volatile Organics

Units: mg/Kg (ppm)

Method #: EPA_8260B

Matrix: Soil

Analysis Date: 10/19/2002

Prep Date: 10/18/2002

Analyst: DR

Lab Sample #: M0210180-01

Client ID: SW-1

Analyte(s)	CAS #	Result	Report Limit	Flag Code
Styrene	100-42-5	BRL	0.25	
Bromoform	75-25-2	BRL	0.25	
Isopropylbenzene	98-82-8	BRL	0.25	
Bromobenzene	108-86-1	BRL	0.25	
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.25	
1,2,3-Trichloropropane	96-18-4	BRL	0.25	
t-1,4-Dichloro-2-butene	110-67-6	BRL	0.25	
n-Propylbenzene	103-65-1	BRL	0.25	
2-Chlorotoluene	95-49-8	BRL	0.25	
4-Chlorotoluene	106-43-4	BRL	0.25	
1,3,5-Trimethylbenzene	108-67-8	BRL	0.25	
t-Butylbenzene	98-06-6	BRL	0.25	
1,2,4-Trimethylbenzene	95-63-6	BRL	0.25	
s-Butylbenzene	135-98-8	BRL	0.25	
1,3-Dichlorobenzene	541-73-1	BRL	0.25	
4-Isopropyltoluene	99-87-6	BRL	0.25	
1,4-Dichlorobenzene	106-46-7	BRL	0.25	
1,2-Dichlorobenzene	95-50-1	BRL	0.25	
n-Butylbenzene	104-51-8	BRL	0.25	
1,2-Dibromo-3-chloropropane	96-12-8	BRL	0.25	
1,2,4-Trichlorobenzene	120-82-1	BRL	0.25	
Hexachlorobutadiene	87-68-3	BRL	0.25	
Naphthalene	91-20-3	0.28	0.25	
1,2,3-Trichlorobenzene	87-61-6	BRL	0.25	

SURROGATE:

Percent Recoveries

Report Limit

DIBROMOFLUOROMETHANE	101%	70 - 130
1,2-DICHLOROETHANE-d4	103%	70 - 130
TOLUENE-d8	97%	70 - 130
4-BROMOFLUOROBENZENE	104%	70 - 130
1,2-DICHLOROETHANE-d4	100%	70 - 130

MADEP-VPH

Units: mg/Kg (ppm)

Method #: MADEP-VPH

Matrix: Soil

Analysis Date: 10/24/2002

Prep Date: 10/24/2002

Analyst: RR

Lab Sample #: M0210180-01

Client ID: SW-1

Analyte(s)	CAS #	Result	Report Limit	Flag Code
C5-C8 Aliphatics	na	BRL	3.75	
C9-C12 Aliphatics	na	BRL	2.75	
C9-C10 Aromatics	na	1.20	0.50	

SURROGATE:

Percent Recoveries

Report Limit

2,5-DIBROMOTOLUENE (PID)	87%	70 - 130
2,5-DIBROMOTOLUENE (FID)	90%	70 - 130

Lab Project No. M0210180

Report Date: 10/25/02 4 of 14

Volatile Organics

Units: mg/Kg (ppm)

Method #: EPA_8260B

Matrix: Soil

Analysis Date: 10/21/2002

Prep Date: 10/18/2002

Analyst: DR

Lab Sample #: M0210180-02

Client ID: SW-2

Analyte(s)	CAS #	Result	Report Limit	Flag Code
Dichlorodifluoromethane	75-71-8	BRL	0.004	
Chloromethane	74-87-3	BRL	0.004	
Vinyl chloride	75-01-4	BRL	0.002	
Bromomethane	74-83-9	BRL	0.004	
Chloroethane	75-00-3	BRL	0.004	
Trichlorofluoromethane	75-69-4	BRL	0.004	
Acetone	67-64-1	0.109	0.045	
1,1-Dichloroethene	75-35-4	BRL	0.004	
Acrolein	107-02-8	BRL	0.045	
Iodomethane (Methyl iodide)	74-88-4	BRL	0.004	
Methylene chloride	75-09-2	BRL	0.009	
Carbon disulfide	75-15-0	BRL	0.004	
t-1,2-Dichloroethene	156-60-5	BRL	0.004	
Acrylonitrile (2-propenenitrile)	107-13-1	BRL	0.045	
methyl-tert-butyl ether (MTBE)	1634-04-4	0.863	0.025	
Vinyl acetate	108-05-4	BRL	0.004	
1,1-Dichloroethane	75-34-3	BRL	0.004	
2-Butanone (methyl ethyl ketone)	78-93-3	BRL	0.045	
2,2-Dichloropropane	594-20-7	BRL	0.004	
c-1,2-Dichloroethene	156-59-2	BRL	0.004	
Bromochloromethane	74-97-5	BRL	0.004	
Chloroform	67-66-3	BRL	0.004	
1,1,1-Trichloroethane	71-55-6	BRL	0.004	
Carbon tetrachloride	56-23-5	BRL	0.004	
1,1-Dichloropropene	563-58-6	BRL	0.004	
Benzene	71-43-2	0.033	0.004	
1,2-Dichloroethane	107-06-2	BRL	0.004	
Trichloroethene	79-01-6	BRL	0.004	
1,2-Dichloropropane	78-87-5	BRL	0.004	
Dibromomethane	74-95-3	BRL	0.004	
Bromodichloromethane	75-27-4	BRL	0.004	
2-Chloroethyl vinyl ether	110-75-8	BRL	0.045	
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.045	
c-1,3-Dichloropropene	10061-01-5	BRL	0.004	
Toluene	108-88-3	0.074	0.004	
t-1,3-Dichloropropene	10061-02-6	BRL	0.004	
1,1,2-Trichloroethane	79-00-5	BRL	0.004	
2-Hexanone	591-78-6	BRL	0.045	
Tetrachloroethene	127-18-4	BRL	0.004	
1,3-Dichloropropane	142-28-9	BRL	0.004	
Dibromochloromethane	124-48-1	BRL	0.004	
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.004	
Chlorobenzene	108-90-7	BRL	0.004	
1,1,1,2-Tetrachloroethane	630-20-6	BRL	0.004	
Ethylbenzene	100-41-4	0.024	0.004	
m&p-Xylene	108-38-3	0.118	0.004	
o-Xylene	95-47-6	0.054	0.004	

Lab Project No. **M0210180**

Report Date: 10/25/02 5 of 14

Volatile Organics Units: mg/Kg (ppm) Method #: EPA_8260B
 Matrix: Soil Analysis Date: 10/21/2002 Prep Date: 10/18/2002 Analyst: DR
 Lab Sample #: M0210180-02 Client ID: SW-2

Analyte(s)	CAS #	Result	Report Limit	Flag Code
Styrene	100-42-5	BRL	0.004	
Bromoform	75-25-2	BRL	0.004	
Isopropylbenzene	98-82-8	BRL	0.004	
Bromobenzene	108-86-1	BRL	0.004	
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.004	
1,2,3-Trichloropropane	96-18-4	BRL	0.004	
t-1,4-Dichloro-2-butene	110-67-6	BRL	0.004	
n-Propylbenzene	103-65-1	0.014	0.004	
2-Chlorotoluene	95-49-8	BRL	0.004	
4-Chlorotoluene	106-43-4	BRL	0.004	
1,3,5-Trimethylbenzene	108-67-8	0.045	0.004	
t-Butylbenzene	98-06-6	BRL	0.004	
1,2,4-Trimethylbenzene	95-63-6	0.168	0.004	
s-Butylbenzene	135-98-8	BRL	0.004	
1,3-Dichlorobenzene	541-73-1	BRL	0.004	
4-Isopropyltoluene	99-87-6	BRL	0.004	
1,4-Dichlorobenzene	106-46-7	BRL	0.004	
1,2-Dichlorobenzene	95-50-1	BRL	0.004	
n-Butylbenzene	104-51-8	0.014	0.004	
1,2-Dibromo-3-chloropropane	96-12-8	BRL	0.004	
1,2,4-Trichlorobenzene	120-82-1	BRL	0.004	
Hexachlorobutadiene	87-68-3	BRL	0.004	
Naphthalene	91-20-3	0.102	0.004	
1,2,3-Trichlorobenzene	87-61-6	BRL	0.004	

<u>SURROGATE:</u>	<u>Percent Recoveries</u>	<u>Report Limit</u>
DIBROMOFLUOROMETHANE	104%	70 - 130
1,2-DICHLOROETHANE-d4	99%	70 - 130
TOLUENE-d8	97%	70 - 130
4-BROMOFLUOROBENZENE	117%	70 - 130
1,2-DICHLOROETHANE-d4	105%	70 - 130

MADEP-VPH Units: mg/Kg (ppm) Method #: MADEP-VPH
 Matrix: Soil Analysis Date: 10/24/2002 Prep Date: 10/24/2002 Analyst: RR
 Lab Sample #: M0210180-02 Client ID: SW-2

Analyte(s)	CAS #	Result	Report Limit	Flag Code
C5-C8 Aliphatics	na	BRL	3.72	
C9-C12 Aliphatics	na	6.29	2.72	
C9-C10 Aromatics	na	3.72	0.50	

<u>SURROGATE:</u>	<u>Percent Recoveries</u>	<u>Report Limit</u>
2,5-DIBROMOTOLUENE (PID)	92%	70 - 130
2,5-DIBROMOTOLUENE (FID)	90%	70 - 130

Lab Project No. M0210180

Report Date: 10/25/02 6 of 14

Volatile Organics

Units: mg/Kg (ppm)

Method #: EPA_8260B

Matrix: Soil

Analysis Date: 10/18/2002

Prep Date: 10/18/2002

Analyst: DR

Lab Sample #: M0210180-03

Client ID: SW-3

Analyte(s)	CAS #	Result	Report Limit	Flag Code
Dichlorodifluoromethane	75-71-8	BRL	0.005	
Chloromethane	74-87-3	BRL	0.005	
Vinyl chloride	75-01-4	BRL	0.002	
Bromomethane	74-83-9	BRL	0.005	
Chloroethane	75-00-3	BRL	0.005	
Trichlorofluoromethane	75-69-4	BRL	0.005	
Acetone	67-64-1	0.126	0.050	
1,1-Dichloroethene	75-35-4	BRL	0.005	
Acrolein	107-02-8	BRL	0.050	
Iodomethane (Methyl iodide)	74-88-4	BRL	0.005	
Methylene chloride	75-09-2	BRL	0.010	
Carbon disulfide	75-15-0	BRL	0.005	
t-1,2-Dichloroethene	156-60-5	BRL	0.005	
Acrylonitrile (2-propenenitrile)	107-13-1	BRL	0.050	
methyl-tert-butyl ether (MTBE)	1634-04-4	0.009	0.005	
Vinyl acetate	108-05-4	BRL	0.005	
1,1-Dichloroethane	75-34-3	BRL	0.005	
2-Butanone (methyl ethyl ketone)	78-93-3	BRL	0.050	
2,2-Dichloropropane	594-20-7	BRL	0.005	
c-1,2-Dichloroethene	156-59-2	BRL	0.005	
Bromochloromethane	74-97-5	BRL	0.005	
Chloroform	67-66-3	BRL	0.005	
1,1,1-Trichloroethane	71-55-6	BRL	0.005	
Carbon tetrachloride	56-23-5	BRL	0.005	
1,1-Dichloropropene	563-58-6	BRL	0.005	
Benzene	71-43-2	0.009	0.005	
1,2-Dichloroethane	107-06-2	BRL	0.005	
Trichloroethene	79-01-6	BRL	0.005	
1,2-Dichloropropane	78-87-5	BRL	0.005	
Dibromomethane	74-95-3	BRL	0.005	
Bromodichloromethane	75-27-4	BRL	0.005	
2-Chloroethyl vinyl ether	110-75-8	BRL	0.050	
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.050	
c-1,3-Dichloropropene	10061-01-5	BRL	0.005	
Toluene	108-88-3	BRL	0.005	
t-1,3-Dichloropropene	10061-02-6	BRL	0.005	
1,1,2-Trichloroethane	79-00-5	BRL	0.005	
2-Hexanone	591-78-6	BRL	0.050	
Tetrachloroethene	127-18-4	BRL	0.005	
1,3-Dichloropropane	142-28-9	BRL	0.005	
Dibromochloromethane	124-48-1	BRL	0.005	
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.005	
Chlorobenzene	108-90-7	BRL	0.005	
1,1,1,2-Tetrachloroethane	630-20-6	BRL	0.005	
Ethylbenzene	100-41-4	BRL	0.005	
m&p-Xylene	108-38-3	BRL	0.005	
o-Xylene	95-47-6	BRL	0.005	

Lab Project No. **M0210180**

Report Date: 10/25/02 7 of 14

Volatile Organics

Matrix: Soil

Units: mg/Kg (ppm)

Method #: EPA_8260B

Analysis Date: 10/18/2002

Prep Date: 10/18/2002

Analyst: DR

Lab Sample #: M0210180-03

Client ID: SW-3

Analyte(s)	CAS #	Result	Report Limit	Flag Code
Styrene	100-42-5	BRL	0.005	
Bromoform	75-25-2	BRL	0.005	
Isopropylbenzene	98-82-8	BRL	0.005	
Bromobenzene	108-86-1	BRL	0.005	
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.005	
1,2,3-Trichloropropane	96-18-4	BRL	0.005	
t-1,4-Dichloro-2-butene	110-67-6	BRL	0.005	
n-Propylbenzene	103-65-1	BRL	0.005	
2-Chlorotoluene	95-49-8	BRL	0.005	
4-Chlorotoluene	106-43-4	BRL	0.005	
1,3,5-Trimethylbenzene	108-67-8	BRL	0.005	
t-Butylbenzene	98-06-6	BRL	0.005	
1,2,4-Trimethylbenzene	95-63-6	0.009	0.005	
s-Butylbenzene	135-98-8	BRL	0.005	
1,3-Dichlorobenzene	541-73-1	BRL	0.005	
4-Isopropyltoluene	99-87-6	BRL	0.005	
1,4-Dichlorobenzene	106-46-7	BRL	0.005	
1,2-Dichlorobenzene	95-50-1	BRL	0.005	
n-Butylbenzene	104-51-8	BRL	0.005	
1,2-Dibromo-3-chloropropane	96-12-8	BRL	0.005	
1,2,4-Trichlorobenzene	120-82-1	BRL	0.005	
Hexachlorobutadiene	87-68-3	BRL	0.005	
Naphthalene	91-20-3	0.007	0.005	
1,2,3-Trichlorobenzene	87-61-6	BRL	0.005	

SURROGATE:

	Percent Recoveries	Report Limit
DIBROMOFLUOROMETHANE	89%	70 - 130
1,2-DICHLOROETHANE-d4	89%	70 - 130
TOLUENE-d8	96%	70 - 130
4-BROMOFLUOROBENZENE	110%	70 - 130
1,2-DICHLOROETHANE-d4	101%	70 - 130

MADEP-VPH

Matrix: Soil

Units: mg/Kg (ppm)

Method #: MADEP-VPH

Analysis Date: 10/24/2002

Prep Date: 10/24/2002

Analyst: RR

Lab Sample #: M0210180-03

Client ID: SW-3

Analyte(s)	CAS #	Result	Report Limit	Flag Code
C5-C8 Aliphatics	na	BRL	3.75	
C9-C12 Aliphatics	na	BRL	2.75	
C9-C10 Aromatics	na	BRL	0.50	

SURROGATE:

	Percent Recoveries	Report Limit
2,5-DIBROMOTOLUENE (PID)	90%	70 - 130
2,5-DIBROMOTOLUENE (FID)	86%	70 - 130

Lab Project No. **M0210180**

Report Date: 10/25/02 8 of 14

Volatile Organics

Units: mg/Kg (ppm)

Method #: EPA_8260B

Matrix: Soil

Analysis Date: 10/18/2002

Prep Date: 10/18/2002

Analyst: DR

Lab Sample #: M0210180-04

Client ID: SW-4

Analyte(s)	CAS #	Result	Report Limit	Flag Code
Dichlorodifluoromethane	75-71-8	BRL	0.005	
Chloromethane	74-87-3	BRL	0.005	
Vinyl chloride	75-01-4	BRL	0.002	
Bromomethane	74-83-9	BRL	0.005	
Chloroethane	75-00-3	BRL	0.005	
Trichlorofluoromethane	75-69-4	BRL	0.005	
Acetone	67-64-1	0.080	0.048	
1,1-Dichloroethene	75-35-4	BRL	0.005	
Acrolein	107-02-8	BRL	0.048	
Iodomethane (Methyl iodide)	74-88-4	BRL	0.005	
Methylene chloride	75-09-2	BRL	0.010	
Carbon disulfide	75-15-0	BRL	0.005	
t-1,2-Dichloroethene	156-60-5	BRL	0.005	
Acrylonitrile (2-propenenitrile)	107-13-1	BRL	0.048	
methyl-tert-butyl ether (MTBE)	1634-04-4	0.006	0.005	
Vinyl acetate	108-05-4	BRL	0.005	
1,1-Dichloroethane	75-34-3	BRL	0.005	
2-Butanone (methyl ethyl ketone)	78-93-3	BRL	0.048	
2,2-Dichloropropane	594-20-7	BRL	0.005	
c-1,2-Dichloroethene	156-59-2	BRL	0.005	
Bromochloromethane	74-97-5	BRL	0.005	
Chloroform	67-66-3	BRL	0.005	
1,1,1-Trichloroethane	71-55-6	BRL	0.005	
Carbon tetrachloride	56-23-5	BRL	0.005	
1,1-Dichloropropene	563-58-6	BRL	0.005	
Benzene	71-43-2	0.011	0.005	
1,2-Dichloroethane	107-06-2	BRL	0.005	
Trichloroethene	79-01-6	BRL	0.005	
1,2-Dichloropropane	78-87-5	BRL	0.005	
Dibromomethane	74-95-3	BRL	0.005	
Bromodichloromethane	75-27-4	BRL	0.005	
2-Chloroethyl vinyl ether	110-75-8	BRL	0.048	
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.048	
c-1,3-Dichloropropene	10061-01-5	BRL	0.005	
Toluene	108-88-3	BRL	0.005	
t-1,3-Dichloropropene	10061-02-6	BRL	0.005	
1,1,2-Trichloroethane	79-00-5	BRL	0.005	
2-Hexanone	591-78-6	BRL	0.048	
Tetrachloroethene	127-18-4	BRL	0.005	
1,3-Dichloropropane	142-28-9	BRL	0.005	
Dibromochloromethane	124-48-1	BRL	0.005	
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.005	
Chlorobenzene	108-90-7	BRL	0.005	
1,1,1,2-Tetrachloroethane	630-20-6	BRL	0.005	
Ethylbenzene	100-41-4	BRL	0.005	
m&p-Xylene	108-38-3	BRL	0.005	
o-Xylene	95-47-6	BRL	0.005	

Lab Project No. **M0210180**

Report Date: 10/25/02 9 of 14

Volatile Organics
 Matrix: Soil Units: mg/Kg (ppm) Method #: EPA_8260B
 Analysis Date: 10/18/2002 Prep Date: 10/18/2002 Analyst: DR
 Lab Sample #: M0210180-04 Client ID: SW-4

Analyte(s)	CAS #	Result	Report Limit	Flag Code
Styrene	100-42-5	BRL	0.005	
Bromoform	75-25-2	BRL	0.005	
Isopropylbenzene	98-82-8	BRL	0.005	
Bromobenzene	108-86-1	BRL	0.005	
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.005	
1,2,3-Trichloropropane	96-18-4	BRL	0.005	
t-1,4-Dichloro-2-butene	110-67-6	BRL	0.005	
n-Propylbenzene	103-65-1	BRL	0.005	
2-Chlorotoluene	95-49-8	BRL	0.005	
4-Chlorotoluene	106-43-4	BRL	0.005	
1,3,5-Trimethylbenzene	108-67-8	BRL	0.005	
t-Butylbenzene	98-06-6	BRL	0.005	
1,2,4-Trimethylbenzene	95-63-6	BRL	0.005	
s-Butylbenzene	135-98-8	BRL	0.005	
1,3-Dichlorobenzene	541-73-1	BRL	0.005	
4-Isopropyltoluene	99-87-6	BRL	0.005	
1,4-Dichlorobenzene	106-46-7	BRL	0.005	
1,2-Dichlorobenzene	95-50-1	BRL	0.005	
n-Butylbenzene	104-51-8	BRL	0.005	
1,2-Dibromo-3-chloropropane	96-12-8	BRL	0.005	
1,2,4-Trichlorobenzene	120-82-1	BRL	0.005	
Hexachlorobutadiene	87-68-3	BRL	0.005	
Naphthalene	91-20-3	BRL	0.005	
1,2,3-Trichlorobenzene	87-61-6	BRL	0.005	

<u>SURROGATE:</u>	<u>Percent Recoveries</u>	<u>Report Limit</u>
DIBROMOFLUOROMETHANE	94%	70 - 130
1,2-DICHLOROETHANE-d4	93%	70 - 130
TOLUENE-d8	96%	70 - 130
4-BROMOFLUOROBENZENE	110%	70 - 130
1,2-DICHLOROBENZENE-d4	101%	70 - 130

MADEP-VPH
 Matrix: Soil Units: mg/Kg (ppm) Method #: MADEP-VPH
 Analysis Date: 10/24/2002 Prep Date: 10/24/2002 Analyst: RR
 Lab Sample #: M0210180-04 Client ID: SW-4

Analyte(s)	CAS #	Result	Report Limit	Flag Code
C5-C8 Aliphatics	na	BRL	3.76	
C9-C12 Aliphatics	na	BRL	2.76	
C9-C10 Aromatics	na	BRL	0.50	

<u>SURROGATE:</u>	<u>Percent Recoveries</u>	<u>Report Limit</u>
2,5-DIBROMOTOLUENE (PID)	87%	70 - 130
2,5-DIBROMOTOLUENE (FID)	84%	70 - 130

Lab Project No. **M0210180**

Report Date: 10/25/02 10 of 14

Volatile Organics

Units: mg/Kg (ppm)

Method #: EPA_8260B

Matrix: Soil

Analysis Date: 10/19/2002

Prep Date: 10/18/2002

Analyst: DR

Lab Sample #: M0210180-05

Client ID: SW-5

Analyte(s)	CAS #	Result	Report Limit	Flag Code
Dichlorodifluoromethane	75-71-8	BRL	0.005	
Chloromethane	74-87-3	BRL	0.005	
Vinyl chloride	75-01-4	BRL	0.002	
Bromomethane	74-83-9	BRL	0.005	
Chloroethane	75-00-3	BRL	0.005	
Trichlorofluoromethane	75-69-4	BRL	0.005	
Acetone	67-64-1	0.088	0.050	
1,1-Dichloroethene	75-35-4	BRL	0.005	
Acrolein	107-02-8	BRL	0.050	
Iodomethane (Methyl iodide)	74-88-4	BRL	0.005	
Methylene chloride	75-09-2	BRL	0.010	
Carbon disulfide	75-15-0	BRL	0.005	
t-1,2-Dichloroethene	156-60-5	BRL	0.005	
Acrylonitrile (2-propenenitrile)	107-13-1	BRL	0.050	
methyl-tert-butyl ether (MTBE)	1634-04-4	0.063	0.005	
Vinyl acetate	108-05-4	BRL	0.005	
1,1-Dichloroethane	75-34-3	BRL	0.005	
2-Butanone (methyl ethyl ketone)	78-93-3	BRL	0.050	
2,2-Dichloropropane	594-20-7	BRL	0.005	
c-1,2-Dichloroethene	156-59-2	BRL	0.005	
Bromochloromethane	74-97-5	BRL	0.005	
Chloroform	67-66-3	BRL	0.005	
1,1,1-Trichloroethane	71-55-6	BRL	0.005	
Carbon tetrachloride	56-23-5	BRL	0.005	
1,1-Dichloropropene	563-58-6	BRL	0.005	
Benzene	71-43-2	0.011	0.005	
1,2-Dichloroethane	107-06-2	0.007	0.005	
Trichloroethene	79-01-6	BRL	0.005	
1,2-Dichloropropane	78-87-5	BRL	0.005	
Dibromomethane	74-95-3	BRL	0.005	
Bromodichloromethane	75-27-4	BRL	0.005	
2-Chloroethyl vinyl ether	110-75-8	BRL	0.050	
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.050	
c-1,3-Dichloropropene	10061-01-5	BRL	0.005	
Toluene	108-88-3	0.016	0.005	
t-1,3-Dichloropropene	10061-02-6	BRL	0.005	
1,1,2-Trichloroethane	79-00-5	BRL	0.005	
2-Hexanone	591-78-6	BRL	0.050	
Tetrachloroethene	127-18-4	BRL	0.005	
1,3-Dichloropropane	142-28-9	BRL	0.005	
Dibromochloromethane	124-48-1	BRL	0.005	
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.005	
Chlorobenzene	108-90-7	BRL	0.005	
1,1,1,2-Tetrachloroethane	630-20-6	BRL	0.005	
Ethylbenzene	100-41-4	BRL	0.005	
m&p-Xylene	108-38-3	0.018	0.005	
o-Xylene	95-47-6	0.011	0.005	

Lab Project No. M0210180

Report Date: 10/25/02 11 of 14

Volatile Organics Units: mg/Kg (ppm) Method #: EPA_8260B
 Matrix: Soil Analysis Date: 10/19/2002 Prep Date: 10/18/2002 Analyst: DR
 Lab Sample #: M0210180-05 Client ID: SW-5

Analyte(s)	CAS #	Result	Report Limit	Flag Code
Styrene	100-42-5	BRL	0.005	
Bromoform	75-25-2	BRL	0.005	
Isopropylbenzene	98-82-8	BRL	0.005	
Bromobenzene	108-86-1	BRL	0.005	
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.005	
1,2,3-Trichloropropane	96-18-4	BRL	0.005	
t-1,4-Dichloro-2-butene	110-67-6	BRL	0.005	
n-Propylbenzene	103-65-1	BRL	0.005	
2-Chlorotoluene	95-49-8	BRL	0.005	
4-Chlorotoluene	106-43-4	BRL	0.005	
1,3,5-Trimethylbenzene	108-67-8	0.007	0.005	
t-Butylbenzene	98-06-6	BRL	0.005	
1,2,4-Trimethylbenzene	95-63-6	0.032	0.005	
s-Butylbenzene	135-98-8	BRL	0.005	
1,3-Dichlorobenzene	541-73-1	BRL	0.005	
4-Isopropyltoluene	99-87-6	BRL	0.005	
1,4-Dichlorobenzene	106-46-7	BRL	0.005	
1,2-Dichlorobenzene	95-50-1	BRL	0.005	
n-Butylbenzene	104-51-8	BRL	0.005	
1,2-Dibromo-3-chloropropane	96-12-8	BRL	0.005	
1,2,4-Trichlorobenzene	120-82-1	BRL	0.005	
Hexachlorobutadiene	87-68-3	BRL	0.005	
Naphthalene	91-20-3	0.054	0.005	
1,2,3-Trichlorobenzene	87-61-6	BRL	0.005	

SURROGATE:

	Percent Recoveries	Report Limit
DIBROMOFLUOROMETHANE	88%	70 - 130
1,2-DICHLOROETHANE-d4	88%	70 - 130
TOLUENE-d8	96%	70 - 130
4-BROMOFLUOROBENZENE	106%	70 - 130
1,2-DICHLOROBENZENE-d4	100%	70 - 130

MADEP-VPH Units: mg/Kg (ppm) Method #: MADEP-VPH
 Matrix: Soil Analysis Date: 10/24/2002 Prep Date: 10/24/2002 Analyst: RR
 Lab Sample #: M0210180-05 Client ID: SW-5

Analyte(s)	CAS #	Result	Report Limit	Flag Code
C5-C8 Aliphatics	na	BRL	3.75	
C9-C12 Aliphatics	na	BRL	2.75	
C9-C10 Aromatics	na	BRL	0.50	

SURROGATE:

	Percent Recoveries	Report Limit
2,5-DIBROMOTOLUENE (PID)	83%	70 - 130
2,5-DIBROMOTOLUENE (FID)	82%	70 - 130

Lab Project No. **M0210180**

Report Date: 10/25/02 12 of 14

Volatile Organics

Units: mg/Kg (ppm)

Method #: EPA_8260B

Matrix: Soil

Analysis Date: 10/19/2002

Prep Date: 10/18/2002

Analyst: DR

Lab Sample #: M0210180-06

Client ID: SW-6

Analyte(s)	CAS #	Result	Report Limit	Flag Code
Dichlorodifluoromethane	75-71-8	BRL	0.005	
Chloromethane	74-87-3	BRL	0.005	
Vinyl chloride	75-01-4	BRL	0.002	
Bromomethane	74-83-9	BRL	0.005	
Chloroethane	75-00-3	BRL	0.005	
Trichlorofluoromethane	75-69-4	BRL	0.005	
Acetone	67-64-1	0.071	0.050	
1,1-Dichloroethene	75-35-4	BRL	0.005	
Acrolein	107-02-8	BRL	0.050	
Iodomethane (Methyl iodide)	74-88-4	BRL	0.005	
Methylene chloride	75-09-2	BRL	0.010	
Carbon disulfide	75-15-0	BRL	0.005	
t-1,2-Dichloroethene	156-60-5	BRL	0.005	
Acrylonitrile (2-propenenitrile)	107-13-1	BRL	0.050	
methyl-tert-butyl ether (MTBE)	1634-04-4	BRL	0.005	
Vinyl acetate	108-05-4	BRL	0.005	
1,1-Dichloroethane	75-34-3	BRL	0.005	
2-Butanone (methyl ethyl ketone)	78-93-3	BRL	0.050	
2,2-Dichloropropane	594-20-7	BRL	0.005	
c-1,2-Dichloroethene	156-59-2	BRL	0.005	
Bromochloromethane	74-97-5	BRL	0.005	
Chloroform	67-66-3	BRL	0.005	
1,1,1-Trichloroethane	71-55-6	BRL	0.005	
Carbon tetrachloride	56-23-5	BRL	0.005	
1,1-Dichloropropene	563-58-6	BRL	0.005	
Benzene	71-43-2	0.006	0.005	
1,2-Dichloroethane	107-06-2	BRL	0.005	
Trichloroethene	79-01-6	BRL	0.005	
1,2-Dichloropropane	78-87-5	BRL	0.005	
Dibromomethane	74-95-3	BRL	0.005	
Bromodichloromethane	75-27-4	BRL	0.005	
2-Chloroethyl vinyl ether	110-75-8	BRL	0.050	
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.050	
c-1,3-Dichloropropene	10061-01-5	BRL	0.005	
Toluene	108-88-3	BRL	0.005	
t-1,3-Dichloropropene	10061-02-6	BRL	0.005	
1,1,2-Trichloroethane	79-00-5	BRL	0.005	
2-Hexanone	591-78-6	BRL	0.050	
Tetrachloroethene	127-18-4	BRL	0.005	
1,3-Dichloropropane	142-28-9	BRL	0.005	
Dibromochloromethane	124-48-1	BRL	0.005	
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.005	
Chlorobenzene	108-90-7	BRL	0.005	
1,1,1,2-Tetrachloroethane	630-20-6	BRL	0.005	
Ethylbenzene	100-41-4	BRL	0.005	
m&p-Xylene	108-38-3	0.007	0.005	
o-Xylene	95-47-6	0.007	0.005	

Lab Project No. **M0210180**

Report Date: 10/25/02 13 of 14

Volatile Organics Units: mg/Kg (ppm) Method #: EPA_8260B
 Matrix: Soil Analysis Date: 10/19/2002 Prep Date: 10/18/2002 Analyst: DR
 Lab Sample #: M0210180-06 Client ID: SW-6

Analyte(s)	CAS #	Result	Report Limit	Flag Code
Styrene	100-42-5	BRL	0.005	
Bromoform	75-25-2	BRL	0.005	
Isopropylbenzene	98-82-8	BRL	0.005	
Bromobenzene	108-86-1	BRL	0.005	
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.005	
1,2,3-Trichloropropane	96-18-4	BRL	0.005	
t-1,4-Dichloro-2-butene	110-67-6	BRL	0.005	
n-Propylbenzene	103-65-1	BRL	0.005	
2-Chlorotoluene	95-49-8	BRL	0.005	
4-Chlorotoluene	106-43-4	BRL	0.005	
1,3,5-Trimethylbenzene	108-67-8	0.006	0.005	
t-Butylbenzene	98-06-6	BRL	0.005	
1,2,4-Trimethylbenzene	95-63-6	0.018	0.005	
s-Butylbenzene	135-98-8	BRL	0.005	
1,3-Dichlorobenzene	541-73-1	BRL	0.005	
4-Isopropyltoluene	99-87-6	BRL	0.005	
1,4-Dichlorobenzene	106-46-7	BRL	0.005	
1,2-Dichlorobenzene	95-50-1	BRL	0.005	
n-Butylbenzene	104-51-8	BRL	0.005	
1,2-Dibromo-3-chloropropane	96-12-8	BRL	0.005	
1,2,4-Trichlorobenzene	120-82-1	BRL	0.005	
Hexachlorobutadiene	87-68-3	BRL	0.005	
Naphthalene	91-20-3	BRL	0.005	
1,2,3-Trichlorobenzene	87-61-6	BRL	0.005	

<u>SURROGATE:</u>	<u>Percent Recoveries</u>	<u>Report Limit</u>
DIBROMOFLUOROMETHANE	82%	70 - 130
1,2-DICHLOROETHANE-d4	86%	70 - 130
TOLUENE-d8	92%	70 - 130
4-BROMOFLUOROBENZENE	111%	70 - 130
1,2-DICHLOROBENZENE-d4	97%	70 - 130

MADEP-VPH Units: mg/Kg (ppm) Method #: MADEP-VPH
 Matrix: Soil Analysis Date: 10/24/2002 Prep Date: 10/24/2002 Analyst: RR
 Lab Sample #: M0210180-06 Client ID: SW-6

Analyte(s)	CAS #	Result	Report Limit	Flag Code
C5-C8 Aliphatics	na	BRL	3.75	
C9-C12 Aliphatics	na	BRL	2.75	
C9-C10 Aromatics	na	BRL	0.50	

<u>SURROGATE:</u>	<u>Percent Recoveries</u>	<u>Report Limit</u>
2,5-DIBROMOTOLUENE (PID)	82%	70 - 130
2,5-DIBROMOTOLUENE (FID)	80%	70 - 130

NOTES:

- Results relate only to the samples tested as received (See Chain-of-Custody).
- BRL = "Below Reporting Limit"
- RL = "Reporting Limit"
- E = "Estimated Result"
- Dates are presented in the format "month/day/year"

Certifications

Alabama - Lab ID 40970; Arkansas; Connecticut - No. PH 0208; Delaware - GA040; Georgia - No. 804; Indiana - Lab ID C-GA-01
Kentucky - Lab ID 90053, UST - No. 0005; Louisiana; Maryland - No. 293; Massachusetts No. M - GA040; North Carolina - No. 409
Rhode Island, License No. 245; South Carolina - No. 98012001; Tennessee - Lab ID 02827; Virginia - Lab ID 00024
South Carolina - No. 98012; Tennessee - Lab ID 02827 (DW), UST Program; Virginia - Lab ID 0024

Accreditations

American Association for Laboratory Accreditation, A2LA - No. 330.01;
American Industrial Hygiene Association, AIHA - Lab ID 100649; NELAC - State of Florida DOH, No. E87257

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Volatile Petroleum Hydrocarbons (VPH)

Units: ug/Kg (ppb)

Method: MA DEP-VPH

Calibration and QA/QC Information

Calibration Ranges and Limits

Range	MDL (a)	ML (b)	RL
C5 - C8 Aliphatics	22.6	71.7	75
C9 - C12 Aliphatics	20.0	63.7	55
C9 - C10 Aromatics	10.6	33.7	10

Method of Quantitation: *Calibration Curve*

(a) MDL Date: 06/26/00

Significant Modification: *None*

(b) ML = MDL X 3.18

Calibration Concentration Levels

Date: 10/04/2002

Range	Concentration	%RSD or CCC
C5 - C8 Aliphatics	3.5	<u>RSD</u> %
	7	
	35	
	175	
	350	
	700	
	1750	
	5250	
C9 - C12 Aliphatics	7000	<u>CCC</u> 0.9985
	3	
	6	
	30	
	150	
	300	
	600	
	1500	
	3000	
	4500	
C9 - C10 Aromatics	6000	<u>RSD</u> %
	0.5	
	1	
	5	
	25	
	50	
	100	
	250	
500		
750	<u>CCC</u> 0.9981	

MDL=Method Detection Limit

ML = Minimum Limit

RL = Reportable Limit

(higher of ML vs MDL conc.)

RF = Response Factor

(units = conc./area)

%RSD = Percent Relative Standard Deviation

CCC = Correlation Coefficient of Curve

Continuing Calibration Check #1

Date 10/24/2002

Range	Conc.	Measured	% Recovery
C5 - C8 Aliphatics	700	808.28	115%
C9 - C12 Aliphatics	600	660.44	110%
C9 - C10 Aromatics	100	116.02	116%

Recovery Limits

Upper 125%

Lower 75%

RPD = Relative Percent Difference

CHAIN OF CUSTODY RECORD

PROJ. NO. 45-18376-9921 PROJECT NAME FRANKLIN BALBOY GREENVILLE CLIENT AIC RALEIGH		PROJECT LOCATION NC LAB PROJ. NO. MOZ10180 40C, R7 EPA METH 8280 WADDER VPH		HYGEIA LABORATORIES, INC. 1300 Williams Drive, Suite A Marietta, Georgia 30066-6299 (770) 514-6933 FAX (770) 514-6966												
REPORT FORMAT <input checked="" type="checkbox"/> WET WEIGHT <input type="checkbox"/> DRY WEIGHT		SAMPLE LOCATION / REMARKS														
SAMPLING METHOD	SAMPLE I.D. NO.	DATE	TIME	COMPOSITE	GRAB	WATER	SOIL	FILTERED	ACIDIFIED	ICED	NUMBER OF CONTAINERS	LAB I.D. NUMBER	Date / Time	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
BACILLIDE SUCCT	SW1	10/16/02	8:45		X		X			X	3	1A	25g ENCORE RAD out of 5g			
	SW2	10/16/02	8:50		X		X			X	6	2A				
	SW3	10/16/02	8:55		X		X			X	3	3A	25g ENCORE RAD out of 5g			
	SW4	10/16/02	9:00		X		X			X	5	4A				
	SW5	10/16/02	12:00		X		X			X	2	5A	25g ENCORE - RAD OUT OF 5g 25g ENCORE RAD out of 5g			
	SW6	10/16/02	12:05		X		X			X	2	6A				
Relinquished by: (Signature) <i>[Signature]</i>													Relinquished by: (Signature) 10/14/02 6:30	Relinquished by: (Signature) 10-17-02 10:28 Project Manager / Phone #: GENNA OLSON (917) 871-0999	Received by: (Signature) <i>[Signature]</i>	