

**Underground Storage Tank  
Closure Assessment Report  
Future Painter Boulevard - NCDOT  
Greensboro, North Carolina  
June 18, 1998**

*Prepared for*

**Four Seasons Environmental, Inc.  
Greensboro, North Carolina**

*Prepared by*

**Aquaterra, Inc.  
Greensboro, North Carolina**

June 18, 1998

Mr. John Richardson  
Four Seasons Environmental, Inc.  
3107 South Elm-Eugene Street  
Greensboro, North Carolina 27416-0590

Reference: UST Closure Assessment Report  
Future Painter Boulevard Location  
Greensboro, North Carolina  
Aquaterra Job No. 8302300

Dear Mr. Richardson:

Aquaterra, Inc., (Aquaterra) is pleased to submit this report documenting the underground storage tank (UST) removal and closure assessment activities conducted at the future Painter Boulevard location in Greensboro, North Carolina. The enclosed report details the field activities conducted, the analytical results, and Aquaterra's conclusions and recommendations.

If any additional information is required, please contact us at (336) 852-5003.

Sincerely,

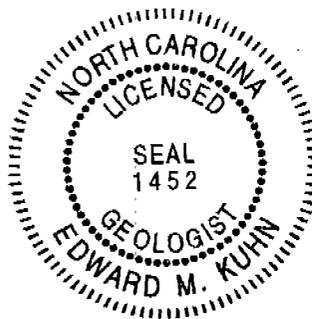
AQUATERRA, INC.



Robert L. Drake  
Project Specialist



Edward M. Kuhn, P.G.  
Project Manager



GR8048/RLD/EMK

## UNDERGROUND STORAGE TANK CLOSURE REPORT

*The closure report should contain, at a minimum, the following information. Any other information that is pertinent to the site should be included.*

### I. General Information

#### A. Ownership of UST(s)

1. Name of UST owner:

North Carolina Department of Transportation (NCDOT)

2. Owner address and telephone number:

North Carolina Department of Transportation  
P.O. Box 766  
Graham, NC 27253  
(336) 570-6830

#### B. Facility Information

1. Facility name:

Future Painter Boulevard

2. Facility ID #:

NA

3. Facility address, telephone number and county:

Future Painter Boulevard  
Guilford County  
Greensboro, NC

#### C. Contacts

1. Name, address, telephone number and job title of primary contact person:

Kent Boyer  
North Carolina Department of Transportation  
P.O. Box 766  
Graham, NC 27253  
(336) 570-6830

2. Name, address, and telephone number of closure contractor:

Four Seasons Environmental, Inc.  
John Richardson, Project Manager  
3107 South Elm-Eugene Street  
Greensboro, North Carolina 27416-0590  
Telephone: (336) 273-2718

3. Name, address, and telephone number of primary consultant:

Aquaterra, Inc.  
Edward Kuhn, P.G., Project Manager  
302-L Pomona Drive  
Greensboro, North Carolina 27407  
Telephone: (336) 852-5003

4. Name, address, telephone number, and State certification number of laboratory

Research & Analytical Laboratories, Inc.  
106 Short Street  
Kernersville, NC 27284  
Telephone: (336) 996-2841  
North Carolina Certification Number: 34

D. UST Information

1. Tank no.

T-1

2. Installation dates

Unknown

3. Size in Gallons

1,000

4. Tank Dimensions

10.5 ft. (length) x 4 ft. (diameter)

5. Last Contents

#2 Fuel Oil (home heating oil)

6. Previous Contents (if any)

Unknown

E. Site Characteristics

1. Describe any past releases at this site:

No information concerning past releases at this site was available.

2. Is the facility active or inactive at this time? If the facility is inactive note the last time the USTs were in operation:

The facility has been inactive for an unknown period of time.

3. Describe surrounding property use (for example, residential, commercial, farming, etc.)

The site is located outside of the city limits of Greensboro. The surrounding land use is farmland that is being converted into a future interstate. No water supply wells were located within 1,500 feet of the site.

4. Describe site geology/hydrogeology

The site is located in the Carolina Slate Belt of the Piedmont physiographic province. According to the 1985 Geologic Map of North Carolina the site is underlain by metamorphosed granitic rock.

## **II. Closure Procedures**

A. Describe preparations for closure including the steps taken to notify authorities, permits obtained and the steps taken to clean and purge the tanks:

The UST was discovered during a road construction project. Therefore, notification to the Guilford County Public Health Department-Environmental Health Division was made by telephone. The Guilford County Fire Department was notified of the UST removal, however, they were not present during the UST removal. The oxygen content and Lower Explosive Limit (LEL) of the internal atmosphere of the UST was measured using an Oxygen/LEL meter. The UST was emptied prior to removal.

B. Note the amount of residual material pumped from the tank(s):

A total of 1,052 gallons of #2 fuel oil/water mixture were removed from the UST.

C. Describe the storage, sampling and disposal of the residual material:

Residual material from the UST was transported to the FSE facility in Greensboro, North Carolina for disposal via FSE's permitted fuels blending program (See Appendix B for manifest).

D. Excavation

*Note: Refer to the "Groundwater Section Guidelines for the Investigation and Remediation of Soils and Groundwater" on limiting excavations. The Trust Fund will not pay for excessive excavation unless it is justified and verified by laboratory results.*

1. Describe excavation procedures noting the condition of the soils and the dimensions of the excavation in relation to the tanks, piping and/or pumps:

FSE conducted the UST removal activities. Cover material was removed to expose the top of the UST and associated piping. The excavation was extended to the bottom of the UST. Subsurface soils were of natural color with no petroleum odor. All soil removed from the UST excavation was screened with a photoionization detector (PID) by Aquaterra personnel. A total of approximately 12 cubic yards of soil was excavated from the former UST area and stockpiled on site. The final dimensions of the UST excavation were 12 feet long by 6 feet wide by 6 feet deep.

2. Note the depth of tank burial(s) (from land surface to top of tank):

The UST was buried approximately two feet below grade.

3. Quantity of soil removed:

No soil was removed from the site.

4. Describe soil type(s):

Native soil observed in the walls of the excavation was noted to be a red, brown fine sandy silt.

5. Type and source of backfill used:

The former UST area was backfilled by Odebrecht Contractors.

#### E. Contaminated Soil

*Note: Suspected contaminated soil should be segregated from soil that appears to be uncontaminated and should be treated as contaminated until proven otherwise. It should not be used as backfill.*

1. Describe how it was determined to what extent to excavate the soil:

Field observation and soil screening with a PID were used to determine the extent of the excavation. Based upon these readings, approximately 12 cubic yards of soil was excavated from the UST area and stockpiled on-site.

2. Describe method of temporary storage, sampling and treatment/disposal of soil:

Excavated soil was stockpiled on-site by FSE.

### III. Site investigation

- A. Provide information on field screening and observations, include methods used to calibrate field screening instrument(s):

During the UST removal, representative samples of soil were subjected to headspace screening using a Photovac Microtip MP-1000 PID that had been calibrated in accordance with the manufacturer's instructions.

- B. Describe soil sampling points and sampling procedures used, including:

*Note: Refer to the "Groundwater Section Guidelines for the Investigation and Remediation of Soils and Groundwater" for information about sampling requirements.*

Two soil samples (T-N and T-S) were collected beneath the UST from a depth of approximately 8 feet below land surface (bls). One other soil sample (SP) was collected from the stockpiled soil excavated from the former UST area. Due to safety concerns, all soil samples were obtained from the excavator bucket. All soil samples were submitted to Research & Analytical Laboratories, Inc. in Kernersville, North Carolina. Samples T-N and T-S were analyzed using EPA Methods 8260 and 8270. Sample T-N was also analyzed for total petroleum hydrocarbons

(TPH) using EPA Methods 3550 and 5030. Sample SP was only analyzed for TPH using EPA Method 3550. See Figure 2 for soil sampling locations.

C. Describe groundwater or surface water sampling procedures used, including:

*Note: Refer to the "Groundwater Section Guidelines for the Investigation and Remediation of Soils and Groundwater" for information about sampling requirements.*

No ground water or surface water samples were collected during the UST closure.

D. Quality control measures

- Describe sample handling procedures including sample preservation and transportation

Soil samples selected for laboratory analysis are collected into laboratory provided containers appropriate for the parameters being analyzed and are labeled with a minimum of the following information: sampler's name, date of collection, sample number, analysis to be performed, and project number. In order to prevent cross-contamination of samples, clean, new nitrile gloves are worn during sample collection and are changed between samples. Samples are stored and transported to the analytical laboratory in an insulated cooler chilled to approximately 4°C. To ensure sample integrity, all samples are transported in accordance with EPA chain-of-custody protocols.

- Describe decontamination procedures used

The decontamination procedures outlined below are used for field equipment (e.g., hand augers, split spoon sampling device, trowels) that comes into direct contact with the material being sampled and that is used more than once at a particular site.

1. Phosphate-free soap (Alconox or equivalent) and distilled water rinse (Note: If the equipment becomes contaminated with oils or other possible organic residues, then the equipment will be washed with isopropyl alcohol.)
2. Triple distilled water rinse

- Describe time and date samples were collected and date submitted to lab

Soil samples were collected between 11:30 AM and 11:40 AM on April 29, 1998. The samples were delivered to the analytical laboratory on April 29, 1998, at 2:45 PM.

- Describe samples collected for quality control purposes (e.g. duplicates, field blanks, trip blanks, etc.) Include methods used to obtain these samples and analytical parameters.

N/A

- Discuss how results of quality control samples may have affected your interpretation of soil, groundwater or surface water sample results

N/A

#### E. Investigation results

- Describe results of Site Sensitivity Evaluation (SSE), (if SSE was not conducted, explain why not)

Depth to groundwater was not determined at the time of the UST removal; therefore, an SSE was not conducted.

- Describe methods of analyses used (include U.S. EPA method number)

Soil samples T-N and T-S were analyzed using EPA Methods 8260 and 8270. Soil sample T-N was also analyzed using EPA Methods 3550 and 5030. Soil sample SP was analyzed using EPA Method 3550.

- Describe analytical results for samples; discuss in relation to site specific cleanup level or action level, as appropriate

The results of soil analysis by EPA Methods 8260 and 8270 indicated concentrations below the quantitation limit for soil samples T-N and T-S. The results of soil analysis by EPA Method 3550 and 5030 indicated TPH concentrations below the quantitation limit for soil samples T-N and SP (see Appendix E).

#### IV. Conclusions and Recommendations

Include probable sources of contamination, further investigation or remediation tasks, or whether no further action is required.

Field observations made during the UST closure indicated that no release has occurred from the UST. Confirmatory laboratory analytical results from the soil samples collected from beneath the UST and from the stockpiled soil confirmed that TPH as gasoline or diesel and volatile organic compounds (VOCs) were not present in concentrations exceeding the quantitation limits. Based on the analytical results obtained from the soil samples collected during the UST closure, Aquaterra recommends that no further action be requested for this site. As recommended by the Guilford County Department of Public Health, Aquaterra also recommends that the stockpiled soil excavated from the former UST area be incorporated as backfill for the highway project. It is also recommended that a copy of this report be submitted to the Guilford County Department of Public Health and the NCDENR, DWQ, Winston-Salem Regional Office.

#### V. Signature of Professional Engineer or Licensed Geologist

Professional Engineer Registration #:

Licensed Geologist License #: 1452

## VI. Enclosures

### A. Figures

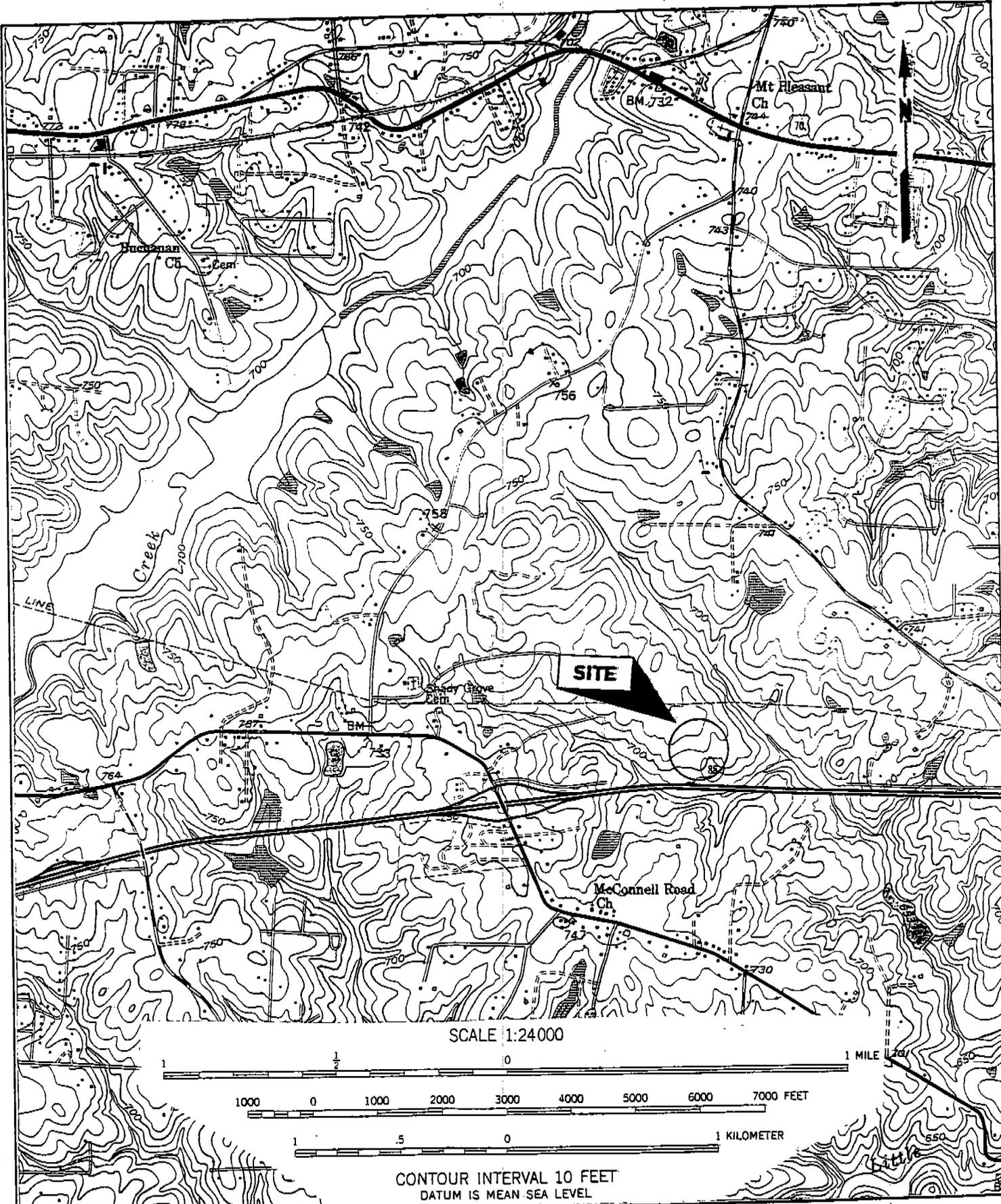
1. Site Location Map
2. Soil Sample Location Map

### B. Tables

1. Sample identifications with results

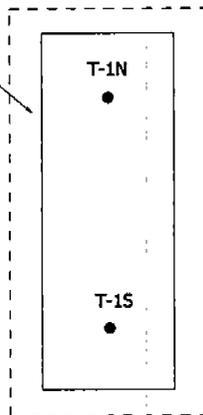
### C. Appendices

- Appendix A: Site Investigation Report for Permanent Closure or Change-in-Service of UST (GW/UST-2)
- Appendix B: Residual Material Manifest(s)
- Appendix C: Certificate of Tank Disposal
- Appendix D: Copy of all laboratory analytical records



Author	Drawing	Layers	Date	Title
RLD			05-04-98	Site Location Map
Job No.	Revision	Figure	Scale	Project
8302300		1		NCDOT - Future Painter Boulevard Greensboro, North Carolina

Tank T-1  
(1,000 gallons)



Author RLD	Drawing	Layers	Date 6-15-98	Title Soil Sample Location Map
Job No. 8302300	Revision	Figure 2	Scale 1" = 5'	Project Future Painter Boulevard Greensboro, North Carolina

**Table 1. Soil Analytical Results, Future Painter Boulevard - NCDOT, Greensboro, North Carolina.**

Sample ID	Date	Depth (ft)	PID Reading (ppm)	EPA Method 3550	EPA Method 5030	EPA Method 8260	EPA Method 8270
T-S	04/29/98	8	0.0	NA	NA	BQL	BQL
T-N	04/29/98	8	0.0	BQL	BQL	BQL	BQL
SP	04/29/98	NAP	0.0	BQL	NA	NA	NA

*Notes:*

*Analytical results reported in mg/kg unless otherwise noted.  
Analytical Laboratory: Research & Analytical Laboratories, Inc., Kernersville, North Carolina*

*BQL Below Quantitation Limit  
NA Not Analyzed  
NAP Not Applicable  
SP Stock Pile*

FOR  
TANKS  
IN  
NC

Return Completed Form To:  
The appropriate DEM Regional Office according to the county of the facility's location.  
[SEE MAP ON REVERSE SIDE OF OWNER'S COPY (PINK) FOR REGIONAL OFFICE ADDRESS].

State Use Only  
I.D. Number \_\_\_\_\_  
Date Received \_\_\_\_\_

INSTRUCTIONS

Complete and return within (30) days following completion of site investigation.

I. Ownership of Tank(s)

Owner Name: NC DEPT OF TRANSPORTATION  
Corporation, Individual, Public Agency, or Other Entity)  
Street Address: PO BOX 766  
County: \_\_\_\_\_  
City: GRAHAM State: NC Zip Code: 27253  
Telephone Number: ( 910 ) 570-6830  
(Area Code)

II. Location of Tank(s)

Facility Name: MC DOT - PAINTER BLVD  
(or Company)  
Facility ID # (if available): \_\_\_\_\_  
Street Address: I-85 & MCCONNELL RD  
(or State Road)  
County: GUILFORD City: 6580 Zip Code: \_\_\_\_\_  
Telephone Number: ( ) N/A  
(Area Code)

III. Contact Person

Name: KENT ROYEL Job Title: \_\_\_\_\_ Tel. No.: 336-570-6830  
Closure Contractor: FULL SEASONS ENV. SCS Address: 3107 S. ELM - EUGENE ST 6580, NC Tel. No.: 336-273-2718  
Primary Consultant: AQUATERRA, INC Address: 302-L ROMANA DR 6580, NC Tel. No.: 336-852-5003  
Lab: RJA LABORATORIES Address: 106 SHORT ST KERNERSVILLE, NC Tel. No.: 336-996-2841

IV. U.S.T. Information

V. Excavation Condition

VI. Additional Information Required

Tank No.	Size in Gallons	Tank Dimensions	Last Contents	Water In Excavation		Free Product		Notable Odor or Visible Soil Contamination	
				Yes	No	Yes	No	Yes	No
1	1,000	10'6" X 4'	#2 FUEL OIL		X		X		X

See reverse side of pink copy (owner's copy) for additional information required by N.C. - DEM in the written report and sketch.

NOTE: The site assessment portion of the tank closure must be conducted under the supervision of a Professional Engineer or Licensed Geologist.

VII. Check List (Check the activities completed)

PERMANENT CLOSURE (For Removing or Abandoning-in-place)

- Contact local fire marshal.
  - Notify DEM Regional Office before abandonment.
  - Drain & flush piping into tank.
  - Remove all product and residuals from tank.
  - Excavate down to tank.
  - Clean and inspect tank.
  - Remove drop tube, fill pipe, gauge pipe, vapor recovery tank connections, submersible pumps and other tank fixtures.
  - Cap or plug all lines except the vent and fill lines.
  - Purge tank of all product & flammable vapors.
  - Cut one or more large holes in the tanks.
  - Backfill the area.
- Date Tank(s) Permanently closed: 4/24/98  
Date of Change-in-Service: \_\_\_\_\_

ABANDONMENT IN PLACE

- Fill tank until material overflows tank opening.
- Plug or cap all openings.
- Disconnect and cap or remove vent line.
- Solid inert material used - specify: \_\_\_\_\_

REMOVAL

- Create vent hole.
  - Label tank.
  - Dispose of tank in approved manner.
- Final tank destination: OH BRIFAN, GREENSBORO NC

VIII. Certification (Read and Sign)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Print name and official title of owner or owner's authorized representative

Signature

Date Signed

EDWARD M. KUTN, PROJECT MANAGER, AQUATERRA, INC

[Signature]

6/18/98



A GREAT LAKES CHEMICAL CORPORATION COMPANY  
 P.O. BOX 16590 • GREENSBORO, NC 27416-0590 • (910) 273-2718

15854

**MATERIAL MANIFEST**

MANIFEST#  F.S.E. JOB # SRU 98-9801  
 Date: 4/28/98  
 Generator: NCDOT Phone No: \_\_\_\_\_  
McCormell Road EPA ID No: \_\_\_\_\_  
Greensboro NC

Process which generated material: \_\_\_\_\_  
 I certify that the materials described below are properly classified, packaged, marked & labeled, and are in the proper condition to be transported as specified by the Department of Transportation. I certify that the material described below is not a hazardous waste in accordance with the Environmental Protection Agency. I certify that the specific material was delivered to the carrier named below for transport to the facility indicated.

Date \_\_\_\_\_ Signature \_\_\_\_\_

HAZ	PROPER SHIPPING NAME AS LISTED ON 172.101 TABLE	HAZ CLASS	DOT I.D. NUMBER	PG GROUP	QUANTITY	CIRCLE UNIT	CONTAINER NO. TYPE	ERG. NO.
X	Flammable liq., N.O.S. (Kerosene, Water) #2 fuel oil	3	UN 1993	I II III	<del>1052</del>	Gals. Pounds Tons Cu. Yds.	TT DT CM DM DF	

**FOUR SEASONS ENVIRONMENTAL USE ONLY**

DESCRIPTION OF MATERIAL	CIRCLE FORM	AMOUNT SOLIDS		AMOUNT LIQUIDS	
		GALLONS	TONS	NO. DRUMS	GALLONS
Kerosene & Water	SOLID				
CONTAINER NUMBER	LIQUID				
	SLUDGE				

**FACILITY USE ONLY**

Transporter: Four Seasons Environmental Unit Number (s) BT18 T10  
Po Box 16590 Phone No.: \_\_\_\_\_  
Greensboro NC 27416-0590 EPA ID No: \_\_\_\_\_  
 Vehicle License Tag Number (s) \_\_\_\_\_ Container: Tanker

Transporter Certification:  
 I certify that the specified material was transferred in a registered (licensed) vehicle to the facility named and was accepted.

Pick-up Driver's Signature [Signature] Date 4-28-98  
 Delivering Driver's Signature [Signature] Date 4-28-98

Facility: Four Seasons Environmental Phone No.: \_\_\_\_\_  
519 Park Ave Contact: \_\_\_\_\_  
Greensboro N.C.

Handling Method: A5032 A5021

Facility Certification:  
 I certify that the transporter above delivered the specified material to this facility and was handled in the above listed handling method. We authorize and qualified by the State of NC to handle this material.

Date 5-4-98 Signature: [Signature]



**CORPORATE HEADQUARTERS:**  
 3107 SOUTH ELM-EUGENE STREET  
 P.O. Box 18590 • GREENSBORO, NC 27416-0590 • (910) 273-2718 • FAX (910) 274-5798

**TANK DISPOSAL MANIFEST**

1) **Tank Owner/Authorized Representative: Name and Mailing Address** \_\_\_\_\_  
NC - DOT  
IE 85 + M<sup>C</sup> CONNELL RD GREENSBORO NC

2) **Tank Owner/Authorized Representative: Phone No.** ( ) NA

3) **Description of Tanks:**

Tank No.	Capacity	Previous Contents	Comments
<u>1</u>	<u>1000gal</u>	<u>#2 FUEL OIL</u>	<u>NOT UNDER FREE</u>

4) **Tank Owner/Authorized Representative Certification:** The undersigned certifies that the above listed storage tanks have been removed from the premises of the tank Owner.

DAVID CHEEK [Signature] 4/29/98  
 Printed/Typed Name Signature Month/Day/Year

5) **Transporter:** The undersigned certifies that the above listed storage tanks have been transported to the designated disposal facility.

Allen Warren [Signature] 4-29-98  
 Printed/Typed Name Signature Month/Day/Year

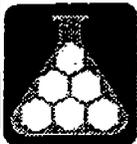
6) **Decontamination Manager:** The undersigned certifies that the above listed storage tanks have been cleaned and scrapped.

Ronald T Sims [Signature] 4-30-98  
 Printed/Typed Name Signature Month/Day/Year

7) **Disposal Certification:** The undersigned certifies that the above listed storage tank(s) have been scrapped and accepted by the designated disposal facility.

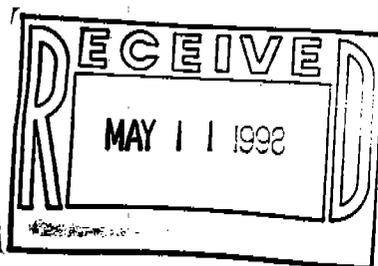
**Disposal Facility:** D.H. Griffin Cary NC

[Signature] [Signature] 5-4-98  
 Printed/Typed Name Signature Month/Day/Year



# RESEARCH & ANALYTICAL LABORATORIES, INC.

Analytical/Process Consultations



## Chemical Analysis for Selected Parameters and Soil Samples Identified as McConnell Rd-NCDOT (An Aquaterra/Four Seasons Environmental Project #8302300, 29 April 1998)

Volatile Organics				III Semi-Volatile Organics					
EPA Method 8260	Quantitation Limit	T-N 8'	T-S 8'	SP 8'	EPA Method 8270	Quantitation Limit	T-N 8'	T-S 8'	SP 8'
Parameter	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	Parameter	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Methylene Chloride	0.020	BQL	BQL	NR	4-Chloro-3-methylphenol	0.33	BQL	BQL	NR
Trichlorofluoromethane	0.005	BQL	BQL	NR	2-Chlorophenol	0.33	BQL	BQL	NR
1,1-Dichloroethene	0.005	BQL	BQL	NR	2,4-Dichlorophenol	0.33	BQL	BQL	NR
1,1-Dichloroethane	0.005	BQL	BQL	NR	2,4-Dimethylphenol	0.33	BQL	BQL	NR
Chloroform	0.005	BQL	BQL	NR	2,4-Dinitrophenol	1.65	BQL	BQL	NR
Carbon Tetrachloride	0.010	BQL	BQL	NR	2-Methyl-4,6-dinitrophenol	1.65	BQL	BQL	NR
1,2-Dichloropropane	0.005	BQL	BQL	NR	2-Nitrophenol	0.33	BQL	BQL	NR
Trichloroethene	0.005	BQL	BQL	NR	4-Nitrophenol	1.65	BQL	BQL	NR
Dibromochloromethane	0.005	BQL	BQL	NR	Pentachlorophenol	1.65	BQL	BQL	NR
1,1,2-Trichloroethane	0.005	BQL	BQL	NR	Phenol	0.33	BQL	BQL	NR
Tetrachloroethene	0.005	BQL	BQL	NR	2,4,6-Trichlorophenol	0.33	BQL	BQL	NR
Chlorobenzene	0.005	BQL	BQL	NR	Acenaphthene	0.33	BQL	BQL	NR
Trans-1,2-Dichloroethene	0.005	BQL	BQL	NR	Acenaphthylene	0.33	BQL	BQL	NR
1,2-Dichloroethane	0.005	BQL	BQL	NR	Anthracene	0.33	BQL	BQL	NR
1,1,1-Trichloroethane	0.005	BQL	BQL	NR	Benzo(a)anthracene	0.33	BQL	BQL	NR
Bromodichloromethane	0.005	BQL	BQL	NR	Benzo(a)pyrene	0.33	BQL	BQL	NR
Cis-1,3-Dichloropropene	0.010	BQL	BQL	NR	Benzo(b)fluoranthene	0.33	BQL	BQL	NR
Benzene	0.005	BQL	BQL	NR	Benzo(g,h)perylene	0.33	BQL	BQL	NR
Trans-1,3-Dichloropropene	0.010	BQL	BQL	NR	Benzo(k)fluoranthene	0.33	BQL	BQL	NR
Bromoform	0.005	BQL	BQL	NR	Benzyl butyl phthalate	0.33	BQL	BQL	NR
1,1,2,2-Tetrachloroethane	0.005	BQL	BQL	NR	Bis(2-chloroethyl)methane	0.33	BQL	BQL	NR
Toluene	0.005	BQL	BQL	NR	Bis(2-chloroethyl)ether	0.33	BQL	BQL	NR
Ethyl Benzene	0.010	BQL	BQL	NR	Bis(2-chloroisopropyl)ether	0.33	BQL	BQL	NR
Chloromethane	0.010	BQL	BQL	NR	Bis(2-ethyl-hexyl)phthalate	0.33	BQL	BQL	NR
Bromomethane	0.010	BQL	BQL	NR	4-Bromophenyl phenyl ether	0.33	BQL	BQL	NR
Vinyl Chloride	0.010	BQL	BQL	NR	2-Chloronaphthalene	0.33	BQL	BQL	NR
Chloroethane	0.010	BQL	BQL	NR	4-Chlorophenyl phenyl ether	0.33	BQL	BQL	NR
Acetone	0.100	BQL	BQL	NR	Chrysene	0.33	BQL	BQL	NR
Carbon Disulfide	0.100	BQL	BQL	NR	Dibenz(a,h)anthracene	0.33	BQL	BQL	NR
Vinyl Acetate	0.050	BQL	BQL	NR	1,2-Dichlorobenzene	0.33	BQL	BQL	NR
2-Butanone	0.100	BQL	BQL	NR	1,3-Dichlorobenzene	0.33	BQL	BQL	NR
4-Methyl-2-Pentanone	0.100	BQL	BQL	NR	1,4-Dichlorobenzene	0.33	BQL	BQL	NR
2-Hexanone	0.050	BQL	BQL	NR	3,3-Dichlorobenzidine	0.66	BQL	BQL	NR
Styrene	0.010	BQL	BQL	NR	Diethyl phthalate	0.33	BQL	BQL	NR
Total Xylenes	0.005	BQL	BQL	NR	Dimethyl phthalate	0.33	BQL	BQL	NR
Acrylonitrile	0.200	BQL	BQL	NR	Di-N-Butyl phthalate	0.33	BQL	BQL	NR
1,2-Dichlorobenzene	0.005	BQL	BQL	NR	2,4-Dinitrotoluene	0.33	BQL	BQL	NR
1,4-Dichlorobenzene	0.005	BQL	BQL	NR	2,6-Dinitrotoluene	0.33	BQL	BQL	NR
Trans-1,4-Dichloro-2-butene	0.100	BQL	BQL	NR	Di-N-Octyl phthalate	0.33	BQL	BQL	NR
Cis-1,2-Dichloroethene	0.005	BQL	BQL	NR	1,2-Diphenylhydrazine	1.65	BQL	BQL	NR
Methyl Iodide	0.010	BQL	BQL	NR	Fluoranthene	0.33	BQL	BQL	NR
Bromochloromethane	0.005	BQL	BQL	NR	Fluorene	0.33	BQL	BQL	NR
Dibromomethane	0.010	BQL	BQL	NR	Hexachlorobenzene	0.33	BQL	BQL	NR
1,1,1,2-Tetrachloroethane	0.005	BQL	BQL	NR	Hexachlorobutadiene	0.33	BQL	BQL	NR
1,2,3-Trichloropropane	0.015	BQL	BQL	NR	Hexachlorocyclopentadiene	0.33	BQL	BQL	NR
1,2-Dibromo-3-Chloropropane (DBCP)	0.025	BQL	BQL	NR	Hexachloroethane	0.33	BQL	BQL	NR
1,2-Dibromoethane (EDB)	0.005	BQL	BQL	NR	Indeno(1,2,3-cd) pyrene	0.33	BQL	BQL	NR
					Isophorone	0.33	BQL	BQL	NR
					Naphthalene	0.33	BQL	BQL	NR
					Nitrobenzene	0.33	BQL	BQL	NR
					N-Nitrosodimethylamine	0.33	BQL	BQL	NR
					N-Nitrosodi-n-propylamine	0.33	BQL	BQL	NR
					N-Nitrosodiphenylamine	0.33	BQL	BQL	NR
					Phenanthrene	0.33	BQL	BQL	NR
					Pyrene	0.33	BQL	BQL	NR
					1,2,4-Trichlorobenzene	0.33	BQL	BQL	NR

BQL = Below Quantitation Limits  
mg/kg = milligrams per kilogram = part per million  
NR = Not Requested

