How Failed Code:		***CR Non US State:***	
How Failed Desc:		***CR Fed DOT ID:***	90792
Failure Cause Code:	508	***CR Hazmat Reg ID:***	
Failure Cause Desc:	Defective Component or Device	***CR Country:***	US
Ident. Markings:		***Shipper Name:***	STALLINGS OIL CO
Cont1 Pkging Type:		***Shipper Street Name:***	
Cont1 Const Mat:		***Shipper City:***	ROCKY MOUNT
Cont1 Head Type:		***Shipper State:***	NC
Cont1 Pkg Capacity:	9400	***Shipper Postal:***	
C1 Capacity UOM:	LGA	***Shipper Non US St:***	
Cont1 Pkg Amt:	0	***Shipper Country:***	US
C1 Pkg Amt UOM:		***Shipper Waybill:***	T TKT 440477
Cont1 Pkg No:	1	***Ship Hazmat Reg ID:***	
C1 Pkg NO Failed:	1	***Origin City:***	
Cont1 Pkg Mnfctr:	FRUEHAUF CORP	***Origin State:***	
Cont1 Pkg Mnfct Dt:	0-00-00 00:00:00	***Origin Postal:***	
Cont1 Pkg Serial NO:	4KL020916	***Origin Non US St:***	
C1 Pkg Last Test Dt:	0-00-00 00:00:00	***Origin Country:***	US
C1 Test Const Mat:		***Destination City:***	KINSTON
C1 Pkg Dsign Pres.:	0	***Destination State:***	NORTH CAROLINA
C1 Dsign Press UOM:		***Destination Postal:***	
C1 Pkg Shell Thick:	0	***Destination Non US:***	
C1 Shell Thick UOM:		***Destination Country:***	US
C1 Head Thickness:	0	***Cont2 Package Type:***	
C1 Head Thick UOM:		***Cont2 Const Mat:***	
C1 Pkg Srvc Pres.:	0	***Cont2 Pkg Capacity:***	0
C1 Srvc Press UOM:		***Cont2 Capacity UOM:***	
C1 Valve/Device Fail?:	No	***Cont2 Pkg Amount:***	0
C1 Device Type:		***Cont2 Pkg Amt UOM:***	
C1 Device Mnfctr:		***Cont2 Pkg No:***	0
C1 Device Model:		***Cont2 Pkg No Failed:***	0
NRC No:			

RAM Pkg Category:		***Haz NonHosp Public:***	0
RAM Pkg Cert.:	FALSE	***Haz NonHosp Old:***	
RAM Pkg Cert. NBR:		***Tot Haz Non Hosp Inj:***	
RAM Nuclide S:		***Total Hazmat Injuries:***	0
RAM Transport Index:		***Evacuation Indicator:***	No
RAM UOM:		***Public Evacuated:***	0
RAM Activity Rpted:	0	***Employees Evac:***	0
RAM UOM Rpted:		***Total Evacuated:***	0
RAM Activity:	0	***Total Evacuation Hrs:***	0
RAM Activity UOM:		***Major Artery Closed:***	No
RAM Mat Safety:		***Mjr Artery Hrs Closed:***	0
Spillage Result:	Yes	***Material Involved:***	No
Fire Result:	No	***Estimated Speed:***	0
Explosion Result:	No	***Weather Conditions:***	
Water Sewer Result:	No	***Vehicle Overturn:***	No
Gas Dispersion:	No	***Vehicle Left Roadway:***	No
Environment Damage:	No	***Passenger Aircraft:***	No
No Release Result:	No	***Cargo Baggage:***	
Fire EMS Report:	No	***Ship Non Transport:***	No
Fire EMS EMS Report:		***Ship Air First Flight:***	No
Police Report:	No	***Ship Air Subflight:***	No
Police Report No:		***Ship Init Transport:***	No
In House Cleanup:	No	***Ship Phase Transfer:***	No
Other Cleanup:	No	***Contact Name:***	R B HEINISCH
Damage > 500:	No	***Contact Title:***	DIR OF SAFETY
Material Loss:	20	***Contact Business:***	
Carrier Damage:	0	***Contact Street:***	
Property Damage:	0	***Contact City:***	
Response Cost:	0	***Contact State:***	
Remediation Cost:	0	***Contact Postal:***	
Damage Old Form:	0	***Contact Non US St:***	
Total Damages Amt:	20	***Contact Country:***	US
Hazmat Fatality:	No	***Inc. Report Prepared:***	
Haz Fatal Employees:	0	***HMIS Serious Incidnt:***	No
Haz Fatal Respndrs:	0	***HMIS Serious Fatality:***	No
Haz Fatal Gen Public:	0	***HMIS Serious Injury:***	No
Tot Hazmat Fatalities:	0	***HMIS Flight Plan:***	No
Non Hazmat Fatality:	No	***HMIS Serious Evacs:***	No

Non Hazmat Fatals:	0	***HMIS Major Artery:***	No
Hazmat Injury:	No	***HMIS Bulk Release:***	No
Haz Hospital Empl:	0	***HMIS Marine Pollutnt:***	No
Haz Hospital Resp:	0	***HMIS Radioactive:***	No
Haz Hosp Gen Public:	0	***HMIS Gen Pkg Type:***	TANK
Haz Hosp Old Form:	0	***HMIS Container Code:***	TANK TRK
Total Haz Hosp Inj:	0	***HMIS Container Desc:***	Tank truck, tank mounted on truck chassis
Haz Non Hosp Empl:	0	***HMIS Bulk Incident:***	Yes
Haz Non Hosp Resp:	0	***Undeclared Shipment:***	No

Description of Events: DRIVER PARKED UNIT ON THE YARD AT RYDER TRUCK RENTAL, INC AND WENT INSIDE T HE BUILDING. WHILE HE WAS INSIDE, GAS CAME OUT OF THE TOP OF THE TRAILER FR OM AROUND A GASKET THAT WAS INSTALLED BY THE MANUFACTURER. SPILL WAS CLEANED UP AND PROPERLY DISPOSED OF. NO ACTION TAKEN AGAINST DRIV ER.

Recommend Actions Taken:

Site:

HIGHWAY 55 APEX NC

HMIRS

Incident County: WAKE

HMIR Historical Reports

Report No:	I-1997071391	***Fed DOT Agency Nm:***	
Report Type:	A hazardous material incident	***Fed DOT Report No:***	
Date of Incident:	1997-07-02	***Report Submit Src:***	Paper
Time of Incident:	1600	***Inc Multiple Rows:***	No
Haz Class Code:		***Inc Non US State:***	
Hazardous Class:	2.0	***Mode Transport:***	Highway
Commodity Short Nm:	FUEL OIL, NO. 1, 2, 4, 5	***Transport Phase:***	Unloading
Commodity Long Nm:	FUEL OIL, NO. 1, 2, 4, 5, OR 6	***Incident Occrrnce:***	
Trade Name:	DIESEL FUEL	***Mat Ship Approval?:***	No
ID No:	NA1993	***Mat Ship Approv No:***	
Haz Waste Ind:	No	***Undecl Hazmat Ship?:***	No
Haz Waste EPA No:		***Packaging Type:***	Cargo Tank Motor Vehicle (CTMV)
HMIS Tox Inhalation?:	No	***Packing Group:***	
TIH Hazard Zone:		***Carrier Reporter:***	KENAN TRANSPORT CO INC
Qty Released:	150	***CR Street Name:***	P O BOX 2729
Unit of Measure:	Liquid - Gallon	***CR City:***	CHAPEL HILL
What Failed:		***CR State:***	NC
What Failed Desc:		***CR Postal Code:***	275152729
How Failed Code:		***CR Non US State:***	
How Failed Desc:		***CR Fed DOT ID:***	90831
Failure Cause Code:	529	***CR Hazmat Reg ID:***	
Failure Cause Desc:	Overfilled	***CR Country:***	US
Ident. Markings:		***Shipper Name:***	START ENTERPRISES
Cont1 Pkging Type:		***Shipper Street Name:***	PO BOX 674411
Cont1 Const Mat:		***Shipper City:***	HOUSTON
Cont1 Head Type:		***Shipper State:***	TX
Cont1 Pkg Capacity:	9400	***Shipper Postal:***	
C1 Capacity UOM:	LGA	***Shipper Non US St:***	
Cont1 Pkg Amt:	0	***Shipper Country:***	US
C1 Pkg Amt UOM:		***Shipper Waybill:***	038005-038021
Cont1 Pkg No:	1	***Ship Hazmat Reg ID:***	
C1 Pkg NO Failed:	1	***Origin City:***	APEX
Cont1 Pkg Mnfctr:	FRUEHAUF CORP	***Origin State:***	NC
Cont1 Pkg Mnfct Dt:	0-00-00 00:00:00	***Origin Postal:***	
Cont1 Pkg Serial NO:	1H4TO4328J	***Origin Non US St:***	
C1 Pkg Last Test Dt:	1996-08-01 00:00:00	***Origin Country:***	US
C1 Test Const Mat:		***Destination City:***	APEX
C1 Pkg Dsign Pres.:	0	***Destination State:***	NORTH CAROLINA
C1 Dsign Press UOM:		***Destination Postal:***	
C1 Pkg Shell Thick:	0	***Destination Non US:***	
C1 Shell Thick UOM:		***Destination Country:***	US
C1 Head Thickness:	0	***Cont2 Package Type:***	
C1 Head Thick UOM:		***Cont2 Const Mat:***	
C1 Pkg Srvc Pres.:	0	***Cont2 Pkg Capacity:***	0
C1 Srvc Press UOM:		***Cont2 Capacity UOM:***	
C1 Valve/Device Fail?:	No	***Cont2 Pkg Amount:***	0
C1 Device Type:		***Cont2 Pkg Amt UOM:***	

C1 Device Mnfctr:		***Cont2 Pkg No:***	0
C1 Device Model:		***Cont2 Pkg No Failed:***	0
NRC No:			
RAM Pkg Category:		***Haz NonHosp Public:***	0
RAM Pkg Cert.:	FALSE	***Haz NonHosp Old:***	
RAM Pkg Cert. NBR:		***Tot Haz Non Hosp Inj:***	
RAM Nuclide S:		***Total Hazmat Injuries:***	0
RAM Transport Index:		***Evacuation Indicator:***	No
RAM UOM:		***Public Evacuated:***	0
RAM Activity Rpted:	0	***Employees Evac:***	0
RAM UOM Rpted:		***Total Evacuated:***	0
RAM Activity:	0	***Total Evacuation Hrs:***	0
RAM Activity UOM:		***Major Artery Closed:***	No
RAM Mat Safety:		***Mjr Artery Hrs Closed:***	0
Spillage Result:	Yes	***Material Involved:***	No
Fire Result:	No	***Estimated Speed:***	0
Explosion Result:	No	***Weather Conditions:***	
Water Sewer Result:	No	***Vehicle Overturn:***	No
Gas Dispersion:	No	***Vehicle Left Roadway:***	No
Environment Damage:	No	***Passenger Aircraft:***	No
No Release Result:	No	***Cargo Baggage:***	
Fire EMS Report:	No	***Ship Non Transport:***	No
Fire EMS EMS Report:		***Ship Air First Flight:***	No
Police Report:	No	***Ship Air Subflight:***	No
Police Report No:		***Ship Init Transport:***	No
In House Cleanup:	No	***Ship Phase Transfer:***	No
Other Cleanup:	No	***Contact Name:***	KATHERINE D HOEFLER
Damage > 500:	Yes	***Contact Title:***	CLAIMS ANALYST
Material Loss:	150	***Contact Business:***	
Carrier Damage:	0	***Contact Street:***	
Property Damage:	0	***Contact City:***	
Response Cost:	0	***Contact State:***	
Remediation Cost:	6000	***Contact Postal:***	
Damage Old Form:	0	***Contact Non US St:***	
Total Damages Amt:	6150	***Contact Country:***	US
Hazmat Fatality:	No	***Inc. Report Prepared:***	
Haz Fatal Employees:	0	***HMIS Serious Incidnt:***	Yes
Haz Fatal Respndrs:	0	***HMIS Serious Fatality:***	No
Haz Fatal Gen Public:	0	***HMIS Serious Injury:***	No
Tot Hazmat Fatalities:	0	***HMIS Flight Plan:***	No
Non Hazmat Fatality:	No	***HMIS Serious Evacs:***	No
Non Hazmat Fatals:	0	***HMIS Major Artery:***	No
Hazmat Injury:	No	***HMIS Bulk Release:***	Yes
Haz Hospital Empl:	0	***HMIS Marine Pollutnt:***	No
Haz Hospital Resp:	0	***HMIS Radioactive:***	No
Haz Hosp Gen Public:	0	***HMIS Gen Pkg Type:***	TANK
Haz Hosp Old Form:	0	***HMIS Container Code:***	MC306
Total Haz Hosp Inj:	0	***HMIS Container Desc:***	Cargo tanks
Haz Non Hosp Empl:	0	***HMIS Bulk Incident:***	Yes
Haz Non Hosp Resp:	0	***Undeclared Shipment:***	No

Description of Events: DRIVER WAS IN THE PROCESS OF UNLOADING WHEN HE TURNED ON THE WRONG VALVE. THE PRODUCT WAS PUMPED BACK ONTO OUR TRAILER FROM THE CUSTOMER TANK. APPROXIMATELY 150 GALLONS OF PRODUCT SPILLED FROM THE TOP OF OUR TRAILER. SPILLED WAS CLEANED UP BY ENVIROCHEM WITHOUT FURTHER INCIDENT.

Recommend Actions Taken:

Site: ***RYDER TRUCK RENTAL INC***
HWY 55 APEX NC 27502

RCRA NON GEN

EPA Handler ID:	NCD986231355
Gen Status Universe:	No Report
Contact Name:	EUGENE HUNTER
Contact Address:	HWY 55 , , APEX , NC, 27502 , US
Contact Phone No and Ext:	919-362-0301
Contact Email:	
Contact Country:	US
County Name:	WAKE
EPA Region:	04
Land Type:	Private

Receive Date: 20130513
Location Latitude:
Location Longitude:
Recycler Activity?: NO
Recycler Activity Note: This facility has no indication of Recycling Activity.

Violation/Evaluation Summary

Note: NO RECORDS: As of Oct 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No
Recycler Activity: No
Recycler Activity Without Storage: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19930423
Handler Name: RYDER TRUCK RENTAL INC
Source Type: Notification
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20130513
Handler Name: RYDER TRUCK RENTAL INC
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Private
Name: RYDER TRUCK RENTAL INC
Date Became Current:
Date Ended Current:
Phone: 305-593-6203
Source Type: Implementer
Street No:
Street 1: PO BOX 020816
Street 2:
City: MIAMI
State: FL
Country:
Zip Code: 33102-0816

Owner/Operator Ind: Current Owner
Street No:

Type:	Private	***Street 1:***	PO BOX 020816
Name:	RYDER TRUCK RENTAL INC	***Street 2:***	
Date Became Current:		***City:***	MIAMI
Date Ended Current:		***State:***	FL
Phone:	305-593-6203	***Country:***	
Source Type:	Notification	***Zip Code:***	33102-0816

Historical Handler Details

Receive Dt:	19930423
Generator Code Description:	Very Small Quantity Generator
Handler Name:	RYDER TRUCK RENTAL INC

Site: ***MERRITT TRUCKING CO INC***
HWY 55 S APEX NC 27502

RCRA NON GEN

EPA Handler ID:	NCD981856214
Gen Status Universe:	No Report
Contact Name:	DOUG E MERRITT
Contact Address:	612 PASTEUR DRIVE SUITE 110 , , GREENSBORO , NC, 27403 , US
Contact Phone No and Ext:	919-362-6627
Contact Email:	
Contact Country:	US
County Name:	WAKE
EPA Region:	04
Land Type:	Private
Receive Date:	20000124
Location Latitude:	
Location Longitude:	
Recycler Activity?:	NO
Recycler Activity Note:	This facility has no indication of Recycling Activity.

Violation/Evaluation Summary

Note:	VIOLATION or UNDETERMINED: There are VIOLATION or UNDETERMINED details or records associated with this facility (EPA ID) in the Compliance Monitoring and Enforcement table dated Oct, 2024.

Violation Details

Found Violation:	Yes
Citation:	SR - 262.41
Violation Short Description:	Generators - General
Violation Type:	262.A
Violation Determined Date:	19951019
Scheduled Compliance Date:	19951106
Return to Compliance:	Observed
Actual Return to Compl:	19970424
Violation Responsible Agency:	State

Enforcement Details

Enforcement Type:	120
Enforcement Type Description:	WRITTEN INFORMAL
Enforcement Action Date:	19951019
Enf Disposition Status:	
Disposition Status Date:	
Enforcement Lead Agency:	State
Proposed Penalty Amount:	
Final Amount:	
Paid Amount:	

Violation Details

Found Violation:	Yes
Citation:	SR - 130A-294-1
Violation Short Description:	Generators - General

Violation Type: 262.A
Violation Determined Date: 19941123
Scheduled Compliance Date: 19941231
Return to Compliance: Observed
Actual Return to Compl: 19950104
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19941123
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Evaluation Details

Evaluation Start Date: 19970424
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19951019
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Violation Short Description: Generators - General
Return to Compliance Date: 19970424
Evaluation Agency: State

Evaluation Start Date: 19950104
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19941123
Evaluation Type Description: FOLLOW-UP INSPECTION
Violation Short Description: Generators - General
Return to Compliance Date: 19950104
Evaluation Agency: State

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No
Recycler Activity: No
Recycler Activity Without Storage: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20000124
Handler Name: MERRITT TRUCKING CO INC
Source Type: Notification
Federal Waste Generator Code:
Generator Code Description:

Waste Code Details

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F004
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLIC ACID, AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE SOLVENTS; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Private	***Street 1:***	612 PASTEUR DR SUITE 110
Name:	ROGER RIGGS AND DOUG MERRITT	***Street 2:***	
Date Became Current:		***City:***	GREENSBORO
Date Ended Current:		***State:***	NC
Phone:	336-379-0123	***Country:***	
Source Type:	Notification	***Zip Code:***	27429

Site: ***APEX SANITARY LANDFILL***
HIGHWAY 55 APEX NC

SHWS

EPA ID:	NCD980502793	***Y2 (Web):***	
County (DL):	WAKE	***X2 (Web):***	
Latitude (DL):	35.738573125746065	***County:***	
Longitude (DL):	-78.86325268583333	***Y:***	
County (Web):		***X:***	
Zip (Web):			

Site Name (DL): APEX SANITARY LANDFILL
Address(DL): HIGHWAY 55
City (DL): APEX
Site Name (Web):
Addr (Web):
City (Web):
Site Name:
Addr:
City:
Original Source(s): Inactive Hazardous Sites Inventory Database (DL)
Note: Documents related to facilities in NC can be searched on the NC DEQ Laser Fiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

NCDEQ - Location Detail

Source: USGS 7.5 Minute Quad
Geolocation Code Desc: Hard Copy Map (24,000 Resolution)

NCDEQ - Site Categories Detail

SPL Score: 32.16
Category: Other Agency Lead

Partial AA: FALSE

Site:

Hwy 1, Near Exit 96 Apex NC

SPILLS

Incident No: 201800846
Region: Raleigh
County: Wake
Address: Exit 96
State: NC
Zipcode: 27539

Latitude:
Longitude:

Enforcement Details

Enforcement No:
Enforcement Year:
Permit Status:
Permit Version:
Program: Water Quality
CPA Case No:
Incident Category: Incident
Inc Report Type:
Inc Start Time: 10:42:00 PM
Ro Contact:
Rpt Taken By: Management Emergency
Spill to Surf Water: Yes
Storage Tank:
Violation Action:
Level of Treatment:
Action Taken: Fuel was offloaded and tanker righted with crane
Cause Obser of Incident: Fuel Tanker overturned
Comments Findings: Cleanup by Eastern Environmental HazMat
Weather Conditions:
Estimated Fish Kill:
Est Suface Water Vol Uom:
Est Total Volume Uom:
Waterbody Name: Harris Creek (Peeples Creek) (Wake Crossroads Lake)

Material Category:
Nod Case No:
Est Total Vol:
Est Surf Wtr Vol:
Wtrbody Cur Class: C;NSW
Admin Region Name: Raleigh
County Name: Wake
Nov Sent Date:
Penalty Asses Dt:
An Ag Confidential:
An Ag Viol Determin:
Basin Name: Neuse
Nod Letter Sent Dt:
Farm No:
Fish Kill: Unknown

Site:

U.S. Highway 1 between exits 89 and 95 Apex NC

SPILLS

Incident No: 201601225
Region: Raleigh
County: Wake
Address: US Hwy 1 Between Exits 89 And 95
State: NC
Zipcode: 27502

Latitude:
Longitude:

Enforcement Details

Enforcement No:
Enforcement Year:
Permit Status:
Permit Version:
Program: Water Quality
CPA Case No:
Incident Category: Incident
Inc Report Type:
Inc Start Time: 2:00:00 PM
Ro Contact: Rick Bolich
Rpt Taken By: Rick Bolich
Spill to Surf Water: No
Storage Tank:
Violation Action:
Level of Treatment:
Action Taken: NCDOT contained and retrieved the residuals and placed them into another truck owned by Granville Farms for disposal.
Cause Obser of Incident: Tandem truck carrying Class A water treatment plant residuals from EM Johnson Water Treatment Plant in Raleigh

Material Category:
Nod Case No:
Est Total Vol:
Est Surf Wtr Vol: 0
Wtrbody Cur Class:
Admin Region Name: Raleigh
County Name: Wake
Nov Sent Date:
Penalty Asses Dt:
An Ag Confidential:
An Ag Viol Determin:
Basin Name:
Nod Letter Sent Dt:
Farm No:
Fish Kill: Unknown

overturned. Truck was owned and operated by Granville Farms.

Comments Findings: Cleaned up. No noted impacts to surface water.
Weather Conditions:
Estimated Fish Kill:
Est Suface Water Vol Uom:
Est Total Volume Uom:
Waterbody Name:

Site:
NC 55 NC

SPILLS

Incident No: 200800828
Region: Raleigh
County: Wake
Address:
State:
Zipcode:

Latitude:
Longitude:

Enforcement Details

Enforcement No: NOV-2008-WQ-0036
Enforcement Year:
Permit Status:
Permit Version:
Program: Water Quality
CPA Case No:
Incident Category: Incident
Inc Report Type:
Inc Start Time: 10:00:00 AM
Ro Contact: Lauren M Witherspoon
Rpt Taken By: Lauren M Witherspoon
Spill to Surf Water: Unknown
Storage Tank:
Violation Action: Proceed to NOV
Level of Treatment:

Material Category:
Nod Case No:
Est Total Vol:
Est Surf Wtr Vol:
Wtrbody Cur Class:
Admin Region Name: Raleigh
County Name: Wake
Nov Sent Date:
Penalty Asses Dt:
An Ag Confidential:
An Ag Viol Determin:
Basin Name:
Nod Letter Sent Dt:
Farm No:
Fish Kill: Unknown

Action Taken: proceed to NOV
Cause Obser of Incident: Removal of vegetation in buffer, grubbing and ditching in wetland
Comments Findings:
Weather Conditions:
Estimated Fish Kill:
Est Suface Water Vol Uom:
Est Total Volume Uom:
Waterbody Name:

Site: ***KENAN TRANSPORT CO INC***
HWY 55 SOUTH APEX NC 27502

UST

Facility ID: 00-0-0000000585
Perm Close:
Fac Owner Type:
No Reg Tanks:
No Non-Reg Tanks:
Non-Reg/Com Tanks:
Latitude (Map):
Fac Name (Report): KENAN TRANSPORT CO INC
Address1 (Report): HWY 55 SOUTH
Address2 (Report):
City (Report): APEX
State (Report): NC
Zip (Report): 27502
Contact (Report): KENAN TRANSPORT CO
Contact Address 1 (Report): BOX 2729
Contact Address 2 (Report):
Contact City (Report): CHAPEL HILL
Contact State (Report): NC
Contact Zip (Report): 27514
Fac Name (GIS):
Fac Address (GIS):

Longitude (Map):
Latitude (Report): 0
Longitude (Report): 0
Latitude: 0
Longitude: 0
Latitude (GIS):
Longitude (GIS):

Fac City (GIS):
Fac Zip (GIS):
Fac Phone (GIS):
Facility Name (Map):
Address (Map):
City (Map):
Facility Name: KENAN TRANSPORT CO INC
Address1: HWY 55 SOUTH
Address2:
City: APEX
State: NC
Zip: 27502
Facility ID (Permit):
Facility Name (Permit):
Fac Street Addr (Permit):
City (Permit):
County (Permit):
Data Source: Underground Storage Tank Databases and Reports - Registered Tanks Database Text File (Report); Underground Storage Tank Databases and Reports - Registered Tanks Database Access File
Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Tank Info (UST Databases and Reports)

Tank ID: 005
Tank Status: Removed
Compartment Tank: NO
Manifold Tank:
Main Tank: NO
Root Tank ID:
Tank Cert No:
Cert No:
Installation Date: 1/1/1973
Perm Close Date: 26-AUG-96
Capacity: 1000
Commercial: YES
FR Bus Name:
Other CP Tank:
Other CP Name:
Leak Detection Key:
Overfill Protection Key:
Piping Constr Key:
Piping System Key:
Product Key:
Spill Protection Key:
Tank Constr Key:
Tank Status Key: 0

Regulated: YES
Product: Oil New/Used/Mix
OvrfllProtection:
Leak Detection:
Spill Protection:
Piping Constr:
Tank Constr: Single Wall Steel
Piping System: Unknown
FIPS County Desc: Wake
FR Amt:
FR Desc:
Last Update Date:

Tank Info (UST Databases and Reports)

Tank ID: 001
Tank Status: Removed
Compartment Tank: NO
Manifold Tank:
Main Tank: NO
Root Tank ID:
Tank Cert No:
Cert No:
Installation Date: 1/6/1971
Perm Close Date: 26-AUG-96
Capacity: 10000
Commercial: YES
FR Bus Name:
Other CP Tank:
Other CP Name:
Leak Detection Key:
Overfill Protection Key:
Piping Constr Key:
Piping System Key:

Regulated: YES
Product: Diesel
OvrfllProtection:
Leak Detection:
Spill Protection:
Piping Constr:
Tank Constr: Single Wall Steel
Piping System: Unknown
FIPS County Desc: Wake
FR Amt:
FR Desc:
Last Update Date:

Product Key:
Spill Protection Key:
Tank Constr Key:
Tank Status Key: 0

Tank Info (UST Databases and Reports)

Tank ID: 002
Tank Status: Removed
Compartment Tank: NO
Manifold Tank:
Main Tank: NO
Root Tank ID:
Tank Cert No:
Cert No:
Installation Date: 1/6/1971
Perm Close Date: 26-AUG-96
Capacity: 3000
Commercial: YES
FR Bus Name:
Other CP Tank:
Other CP Name:
Leak Detection Key:
Overfill Protection Key:
Piping Constr Key:
Piping System Key:
Product Key:
Spill Protection Key:
Tank Constr Key:
Tank Status Key: 0

Regulated: YES
Product: Diesel
OvrfllProtection:
Leak Detection:
Spill Protection:
Piping Constr:
Tank Constr: Single Wall Steel
Piping System: Unknown
FIPS County Desc: Wake
FR Amt:
FR Desc:
Last Update Date:

Tank Info (UST Databases and Reports)

Tank ID: 003
Tank Status: Removed
Compartment Tank: NO
Manifold Tank:
Main Tank: NO
Root Tank ID:
Tank Cert No:
Cert No:
Installation Date: 1/5/1975
Perm Close Date: 26-AUG-96
Capacity: 10000
Commercial: YES
FR Bus Name:
Other CP Tank:
Other CP Name:
Leak Detection Key:
Overfill Protection Key:
Piping Constr Key:
Piping System Key:
Product Key:
Spill Protection Key:
Tank Constr Key:
Tank Status Key: 0

Regulated: YES
Product: Diesel
OvrfllProtection:
Leak Detection:
Spill Protection:
Piping Constr:
Tank Constr: Single Wall Steel
Piping System: Unknown
FIPS County Desc: Wake
FR Amt:
FR Desc:
Last Update Date:

Tank Info (UST Databases and Reports)

Tank ID: 004
Tank Status: Removed
Compartment Tank: NO
Manifold Tank:
Main Tank: NO
Root Tank ID:
Tank Cert No:
Cert No:
Installation Date: 1/5/1974

Regulated: YES
Product: Motor Oil
OvrfllProtection:
Leak Detection:
Spill Protection:
Piping Constr:
Tank Constr: Single Wall Steel
Piping System: Unknown
FIPS County Desc: Wake

Perm Close Date:	26-AUG-96	***FR Amt:***	
Capacity:	2000	***FR Desc:***	
Commercial:	YES	***Last Update Date:***	
FR Bus Name:			
Other CP Tank:			
Other CP Name:			
Leak Detection Key:			
Overfill Protection Key:			
Piping Constr Key:			
Piping System Key:			
Product Key:			
Spill Protection Key:			
Tank Constr Key:			
Tank Status Key:	0		

Owner Information

Contact Key:	38399.00	***Phone:***	
Facility Key:		***Affiliate Type:***	
FIPS County Desc:		***End Date:***	

Site: ***SOUTHERN EQUIPMENT CO INC***
HWY 55 EAST APEX NC 27502

UST

Facility ID:	00-0-0000001708	***Longitude (Map):***	
Perm Close:		***Latitude (Report):***	0
Fac Owner Type:		***Longitude (Report):***	0
No Reg Tanks:		***Latitude:***	0
No Non-Reg Tanks:		***Longitude:***	0
Non-Reg/Com Tanks:		***Latitude (GIS):***	
Latitude (Map):		***Longitude (GIS):***	

Fac Name (Report):	SOUTHERN EQUIPMENT CO INC
Address1 (Report):	HWY 55 EAST
Address2 (Report):	
City (Report):	APEX
State (Report):	NC
Zip (Report):	27502
Contact (Report):	SOUTHERN EQUIPMENT COMPANY INC.
Contact Address 1 (Report):	3200 SPRING FOREST RD
Contact Address 2 (Report):	SUITE 210
Contact City (Report):	RALEIGH
Contact State (Report):	NC
Contact Zip (Report):	27616-2812
Fac Name (GIS):	
Fac Address (GIS):	
Fac City (GIS):	
Fac Zip (GIS):	
Fac Phone (GIS):	
Facility Name (Map):	
Address (Map):	
City (Map):	
Facility Name:	SOUTHERN EQUIPMENT CO INC
Address1:	HWY 55 EAST
Address2:	
City:	APEX
State:	NC
Zip:	27502
Facility ID (Permit):	
Facility Name (Permit):	
Fac Street Addr (Permit):	
City (Permit):	
County (Permit):	
Data Source:	Underground Storage Tank Databases and Reports - Registered Tanks Database Text File (Report); Underground Storage Tank Databases and Reports - Registered Tanks Database Access File
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Tank Info (UST Databases and Reports)

Tank ID:	001	***Regulated:***	YES
Tank Status:	Removed	***Product:***	Diesel
Compartment Tank:	NO	***OvrfllProtection:***	
Manifold Tank:		***Leak Detection:***	
Main Tank:	NO	***Spill Protection:***	
Root Tank ID:		***Piping Constr:***	
Tank Cert No:		***Tank Constr:***	Single Wall Steel
Cert No:		***Piping System:***	Unknown
Installation Date:	4/4/1973	***FIPS County Desc:***	Wake
Perm Close Date:	03-DEC-91	***FR Amt:***	
Capacity:	10000	***FR Desc:***	
Commercial:	YES	***Last Update Date:***	
FR Bus Name:			
Other CP Tank:			
Other CP Name:			
Leak Detection Key:			
Overfill Protection Key:			
Piping Constr Key:			
Piping System Key:			
Product Key:			
Spill Protection Key:			
Tank Constr Key:			
Tank Status Key:	0		

Owner Information

Contact Key:	66088.00	***Phone:***	
Facility Key:		***Affiliate Type:***	
FIPS County Desc:		***End Date:***	

Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ERIS updates databases as set out in ASTM Standard E1527-13 and E1527-21, Section 8.1.8 Sources of Standard Source Information:

"Government information from nongovernmental sources may be considered current if the source updates the information at least every 90 days, or, for information that is updated less frequently than quarterly by the government agency, within 90 days of the date the government agency makes the information available to the public."

Standard Environmental Record Sources

Federal

National Priority List: NPL

The U.S. Environmental Protection Agency (EPA)'s National Priorities List (NPL) includes the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program, based primarily on the score a site receives from EPA's Hazard Ranking System. A site must be on the NPL to receive money from the Superfund Trust Fund for remedial action. This data includes NPL sites represented as polygons, where available, that can be sourced from the EPA NPL Superfund Site Boundaries dataset, refreshed by the Shared Enterprise Geodata and Services (SEGS). These site boundaries represent the footprint of a whole site, the sum of all the Operable Units (OUs) and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. As site investigation and remediation progress, OUs may be added, modified or refined. Data provided by external parties is not independently verified by EPA. This boundary data is made available to the public strictly for informational purposes. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Sep 25, 2024

National Priority List - Proposed: PROPOSED NPL

Sites proposed by the U.S. Environmental Protection Agency (EPA), the state agency, or concerned citizens for addition to the National Priorities List (NPL) due to contamination by hazardous waste and identified by the EPA as a candidate for cleanup because it poses a risk to human health and/or the environment. Sites represented as polygons, where available, can be sourced from the EPA NPL Superfund Site Boundaries dataset, refreshed by the Shared Enterprise Geodata and Services (SEGS). These site boundaries represent the footprint of a whole site, the sum of all the Operable Units (OUs) and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Data provided by external parties is not independently verified by EPA. This boundary data is made available to the public strictly for informational purposes. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Sep 25, 2024

Deleted NPL: DELETED NPL

Sites deleted from the U.S. Environmental Protection Agency (EPA)'s National Priorities List (NPL). The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate. Sites represented as polygons, where available, can be sourced from the EPA NPL Superfund Site Boundaries dataset, refreshed by the Shared Enterprise Geodata and Services (SEGS). These site boundaries represent the footprint of a whole site, the sum of all the Operable Units (OUs) and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Data provided by external parties is not independently verified by EPA. This boundary data is made available to the public strictly for informational purposes. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Sep 25, 2024

SEMS List 8R Active Site Inventory: SEMS

The U.S. Environmental Protection Agency's (EPA) Superfund Program has deployed the Superfund Enterprise Management System (SEMS), which integrates multiple legacy systems into a comprehensive tracking and reporting tool. This inventory contains active sites evaluated by the Superfund program that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The Active Site Inventory Report displays site and location information at active SEMS sites. An active site is one at which site assessment, removal, remedial, enforcement, cost recovery, or oversight activities are being planned or conducted. This data includes SEMS sites from the List 8R Active file as well as applicable sites from the EPA's Facility Registry Service map tool.

Government Publication Date: Oct 24, 2024

SEMS List 8R Archive Sites: SEMS ARCHIVE

The U.S. Environmental Protection Agency's (EPA) Superfund Enterprise Management System (SEMS) Archived Site Inventory displays site and location information at sites archived from SEMS. An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. This data includes sites from the List 8R Archived site file.

Government Publication Date: Oct 24, 2024

Inventory of Open Dumps, June 1985: ODI

The Resource Conservation and Recovery Act (RCRA) provides for publication of an inventory of open dumps. The Act defines "open dumps" as facilities which do not comply with EPA's "Criteria for Classification of Solid Waste Disposal Facilities and Practices" (40 CFR 257).

Government Publication Date: Jun 1985

Comprehensive Environmental Response, Compensation and Liability Information System - CERCLIS: CERCLIS

Superfund is a program administered by the United States Environmental Protection Agency (EPA) to locate, investigate, and clean up the worst hazardous waste sites throughout the United States. CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The EPA administers the Superfund program in cooperation with individual states and tribal governments; this database is made available by the EPA.

Government Publication Date: Oct 25, 2013

EPA Report on the Status of Open Dumps on Indian Lands: IODI

Public Law 103-399, The Indian Lands Open Dump Cleanup Act of 1994, enacted October 22, 1994, identified congressional concerns that solid waste open dump sites located on American Indian or Alaska Native (AI/AN) lands threaten the health and safety of residents of those lands and contiguous areas. The purpose of the Act is to identify the location of open dumps on Indian lands, assess the relative health and environment hazards posed by those sites, and provide financial and technical assistance to Indian tribal governments to close such dumps in compliance with Federal standards and regulations or standards promulgated by Indian Tribal governments or Alaska Native entities.

Government Publication Date: Dec 31, 1998

CERCLIS - No Further Remedial Action Planned: CERCLIS NFRAP

An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. The Archive designation means that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL). This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Government Publication Date: Oct 25, 2013

CERCLIS Liens: CERCLIS LIENS

A Federal Superfund lien exists at any property where EPA has incurred Superfund costs to address contamination ("Superfund site") and has provided notice of liability to the property owner. A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. This database is made available by the United States Environmental Protection Agency (EPA). This database was provided by the United States Environmental Protection Agency (EPA). Refer to SEMS LIEN as the current data source for Superfund Liens.

Government Publication Date: Jan 30, 2014

RCRA CORRACTS-Corrective Action: RCRA CORRACTS

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. At these sites, the Corrective Action Program ensures that cleanups occur. EPA and state regulators work with facilities and communities to design remedies based on the contamination, geology, and anticipated use unique to each site.

Government Publication Date: Oct 21, 2024

RCRA non-CORRACTS TSD Facilities: RCRA TSD

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. This database includes Non-Corrective Action sites that have indicated engagement in the treatment, storage, or disposal of hazardous waste which requires a RCRA hazardous waste permit.

Government Publication Date: Oct 21, 2024

RCRA Generator List: RCRA LQG

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Large Quantity Generators (LQGs) generate 1,000 kilograms per month or more of hazardous waste or more than one kilogram per month of acutely hazardous waste.

Government Publication Date: Oct 21, 2024

RCRA Small Quantity Generators List: RCRA SQG

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Small Quantity Generators (SQGs) generate more than 100 kilograms, but less than 1,000 kilograms, of hazardous waste per month.

Government Publication Date: Oct 21, 2024

RCRA Very Small Quantity Generators List: RCRA VSQG

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Very Small Quantity Generators (VSQG) generate 100 kilograms or less per month of hazardous waste, or one kilogram or less per month of acutely hazardous waste. Additionally, VSQG may not accumulate more than 1,000 kilograms of hazardous waste at any time.

Government Publication Date: Oct 21, 2024

RCRA Non-Generators: RCRA NON GEN

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Non-Generators do not presently generate hazardous waste.

Government Publication Date: Oct 21, 2024

RCRA Sites with Controls: RCRA CONTROLS

List of Resource Conservation and Recovery Act (RCRA) facilities with institutional controls in place. RCRA gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances.

Government Publication Date: Oct 21, 2024

Federal Engineering Controls-ECs: FED ENG

List of Engineering controls (ECs) made availabe by the United States Environmental Protection Agency (EPA). ECs encompass a variety of engineered and constructed physical barriers (e.g., soil capping, sub-surface venting systems, mitigation barriers, fences) to contain and/or prevent exposure to contamination on a property. The EC listing includes remedy component data from Superfund decision documents for applicable sites on the final or deleted on the National Priorities List (NPL); and sites with a Superfund Alternative Approach (SAA) Agreement in place. The only sites included that are not on the NPL; proposed for NPL; or removed from proposed NPL, are those with an SAA Agreement in place.

Government Publication Date: Nov 20, 2024

Federal Institutional Controls- ICs: FED INST

List of Institutional controls (ICs) made available by the United States Environmental Protection Agency (EPA). ICs are non-engineered instruments, such as administrative and legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Although it is EPA's expectation that treatment or engineering controls will be used to address principal threat wastes and that groundwater will be returned to its beneficial use whenever practicable, ICs play an important role in site remedies because they reduce exposure to contamination by limiting land or resource use and guide human behavior at a site. The IC listing includes remedy component data from Superfund decision documents for applicable sites on the final or deleted on the National Priorities List (NPL); and sites with a Superfund Alternative Approach (SAA) Agreement in place. The only sites included that are not on the NPL; proposed for NPL; or removed from proposed NPL, are those with an SAA Agreement in place.

Government Publication Date: Nov 20, 2024

Land Use Control Information System: LUCIS

The LUCIS database is maintained by the U.S. Department of the Navy and contains information for former Base Realignment and Closure (BRAC) properties across the United States.

Government Publication Date: Sep 1, 2006

Institutional Control Boundaries at NPL sites: NPL IC

These boundaries of Institutional Control areas at sites on the U.S. Environmental Protection Agency's (EPA) National Priorities List (NPL), or as Proposed or Deleted, are sourced from the EPA NPL Superfund Site Boundaries dataset, refreshed by the Shared Enterprise Geodata and Services (SEGS). The EPA's NPL includes the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. Institutional controls are non-engineered instruments such as administrative and legal controls that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Data provided by external parties is not independently verified by EPA. This boundary data is made available to the public strictly for informational purposes.

Government Publication Date: Sep 25, 2024

Emergency Response Notification System: ERNS 1982 TO 1986

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1982-1986

Emergency Response Notification System: ERNS 1987 TO 1989

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1987-1989

Emergency Response Notification System: ERNS

Database of oil and hazardous substances spill reports made available by the United States Coast Guard National Response Center (NRC). The NRC fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. These data contain initial incident data that has not been validated or investigated by a federal/state response agency.

Government Publication Date: Oct 15, 2024

The Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database: FED BROWNFIELDS

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties protects the environment, reduces blight, and takes development pressures off greenspaces and working lands. This data is provided by the United States Environmental Protection Agency (EPA) and includes Brownfield sites from the Cleanups in My Community (CIMC) web application.

Government Publication Date: Feb 7, 2024

FEMA Underground Storage Tank Listing: FEMA UST

The Federal Emergency Management Agency (FEMA) of the Department of Homeland Security maintains a list of FEMA owned underground storage tanks.

Government Publication Date: Dec 31, 2017

Facility Response Plan: FRP

This listing contains facilities that have submitted Facility Response Plans (FRPs) to the U.S. Environmental Protection Agency (EPA). Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit FRPs. Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments. This listing includes FRP facilities from an applicable EPA FOIA file and Homeland Infrastructure Foundation-Level Data (HIFLD) data file.

Government Publication Date: Jan 9, 2024

Delisted Facility Response Plans: DELISTED FRP

Facilities that once appeared in - and have since been removed from - the list of facilities that have submitted Facility Response Plans (FRP) to EPA. Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit Facility Response Plans (FRPs). Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments.

Government Publication Date: Jan 9, 2024

Historical Gas Stations: HIST GAS STATIONS

This historic directory of service stations is provided by the Cities Service Company. The directory includes Cities Service filling stations that were located throughout the United States in 1930.

Government Publication Date: Jul 1, 1930

Petroleum Refineries: REFN

This list of petroleum refineries is sourced from the U.S. Energy Information Administration (EIA), Refinery Capacity Report. The listing includes operating and idle petroleum refineries (including new refineries under construction) and refineries shut down during the previous year. The geographic area the report covers is the 50 States, the District of Columbia, Puerto Rico, the U.S. Virgin Islands, Guam, and other U.S. possessions. Per the EIA, the facility location data represents the approximate location based on research of publicly available information from sources such as Federal agencies, company websites, and satellite images on public websites.

Government Publication Date: Oct 31, 2024

Petroleum Product and Crude Oil Rail Terminals: BULK TERMINAL

A list of petroleum product and crude oil rail terminals from the U.S. Energy Information Administration (EIA), as well as petroleum terminals sourced from the Federal Communications Commission Data hosted by the Homeland Infrastructure Foundation-Level Database. Data includes operable bulk petroleum product terminals with a total bulk shell storage capacity of 50,000 barrels or more, and/or the ability to receive volumes from tanker, barge, or pipeline; also rail terminals handling the loading and unloading of crude oil with activity between 2017 and 2018. EIA petroleum product terminal data comes from the EIA-815 Bulk Terminal and Blender Report, which includes working, shell in operation, and shell idle for several major product groupings.

Government Publication Date: Jun 6, 2024

LIEN on Property: SEMS LIEN

The U.S. Environmental Protection Agency's (EPA) Superfund Enterprise Management System (SEMS) provides Lien details on applicable properties, such as the Superfund lien on property activity, the lien property information, and the parties associated with the lien.

Government Publication Date: Oct 24, 2024

Superfund Decision Documents: SUPERFUND ROD

This database contains a list of decision documents for Superfund sites. Decision documents serve to provide the reasoning for the choice of (or) changes to a Superfund Site cleanup plan. The decision documents include completed Records of Decision (ROD), ROD Amendments, Explanations of Significant Differences (ESD) for active and archived sites stored in the Superfund Enterprise Management System (SEMS), along with other associated memos and files. This information is maintained and made available by the U.S. Environmental Protection Agency.

Government Publication Date: Oct 24, 2024

Formerly Utilized Sites Remedial Action Program: DOE FUSRAP

The U.S. Department of Energy (DOE) established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from the Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations. The DOE Office of Legacy Management (LM) established long-term surveillance and maintenance (LTS&M) requirements for remediated FUSRAP sites. DOE evaluates the final site conditions of a remediated site on the basis of risk for different future uses. DOE then confirms that LTS&M requirements will maintain protectiveness.

Government Publication Date: Mar 4, 2017

State

Inactive Hazardous Sites and Federal Remediation Branch Sites: SHWS

Sites on the Inactive Hazardous Sites Inventory and Federal Remediation Branch sites made available by the Division of Waste Management in the North Carolina Department of Environmental Quality (DEQ). "Inactive Hazardous Sites" by definition are any areas where a hazardous substance release has come to be located and would include active and inactive facilities and a variety of property types. The term "inactive" refers to the fact that cleanup was inactive at large numbers of sites at the time of program enactment. The Federal Remediation Branch works cooperatively with the US Environmental Protection Agency (EPA) to implement the federal Superfund program under the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA) as amended.

Government Publication Date: Oct 1, 2024

Delisted Inactive Hazardous Sites Inventory: DELISTED SHWS

List of sites that were once included in - and have since been removed from - the inventory of Inactive Hazardous Sites made available by the Division of Waste Management in the North Carolina Department of Environmental Quality (DEQ).

Government Publication Date: Oct 1, 2024

State Trust Funds Database: LUST TRUST

The Trust Fund Branch administers the Leaking Petroleum Underground Storage Tank Cleanup Funds and Environmental Protection Agency (EPA) grants. The Underground Storage Tank (UST) funds provide reimbursement for costs incurred during the cleanup of soil and groundwater contamination resulting from a release of petroleum from an underground storage tank. Two funds, the Commercial Trust Fund and the Non-Commercial Trust Fund, have been established to reimburse tank owners, operators, and landowners for costs associated with cleanups. This was made available by the Division of Waste Management in the Department of Environmental Quality (DEQ).

Government Publication Date: Jan 10, 2025

Solid Waste Facilities and Landfills: SWF/LF

List of permitted solid waste facilities, landfills, and septage waste sites made available by the Division of Waste Management in the North Carolina Department of Environmental Quality (DEQ).

Government Publication Date: Mar 28, 2022

Old Landfill Inventory: OLD LF

The Old Landfill Inventory, made available by the Division of Waste Management in the North Carolina Department of Environment and Natural Resources (NCDENR), lists locations of non-permitted landfills that were closed prior to January 1, 1983 when waste disposal permitting regulations commenced. Legislation in 2007 (SB1492) resulted in adding new provisions to the Inactive Hazardous Sites Response Act for addressing these landfills. The Old Landfill Inventory is managed by the Pre-Regulatory Landfill Unit within the Inactive Hazardous Sites Branch.

Government Publication Date: Jun 14, 2024

Coal Ash Disposal Sites: COAL ASH LF

The Department of Environmental Quality (DEQ) Division of Waste Management's Solid Waste Program regulates coal combustion residuals (CCR) from coal-fired electric power plants that are disposed of on land in accordance with North Carolina General Statute 130a, which includes the Coal Ash Management Act of 2014 (SL 2014-122 on August 20, 2014). CCRs primarily consist of coal bottom and fly ash, and flue gas desulfurization residuals.

Government Publication Date: Aug 4, 2021

Hazard Substance Disposal Sites: HSDS

A list of Hazard Substance Disposal Sites that are maintained by North Carolina Center for Geographic Information and Analysis. This list monitors the locations of unregulated and uncontrolled hazard waste sites. This list is the state equivalent of National Priority List (NPL).

Government Publication Date: Jan 1, 1999

Incident Management Database (Regional Underground Storage Tanks): LUST

List of sites where there has been a release of petroleum to the soil and/or groundwater, from an Underground Storage Tank (UST) system. Data is extracted from the Regional Underground Storage Tank (RUST) database made available by the Division of Waste Management in the North Carolina Department of Environmental Quality (DEQ).

Government Publication Date: Jul 3, 2024

Aboveground Incident Management Database (Regional Aboveground Storage Tanks): LAST

This list of sites where there has been a discharge of petroleum to the soil and/or groundwater, from a source other than an Underground Storage Tank (UST) system (i.e., Aboveground Storage Tank (AST) system, spills, dumping, etc.) is provided by The Division of Waste Management (DWM) in the North Carolina Department of Environmental Quality (DEQ). The data is compiled from the DEQ's Aboveground Incident Management Database (Regional Aboveground Storage Tanks), Online GIS Data Set, and DWM's Site Locator Map Tool.

Government Publication Date: Oct 2, 2024

Delisted Leaking Storage Tanks: DELISTED LST

List of leaking storage tank sites which were once included, but have since been removed from the Incident Management Databases made available by the North Carolina Department of Environmental Quality (DEQ)'s Division of Waste Management.

Government Publication Date: Oct 2, 2024

Registered Tanks Database: UST

List of registered underground storage tanks made available by the Division of Waste Management in North Carolina's Department of Environmental Quality (DEQ).

Government Publication Date: Oct 18, 2024

Aboveground Storage Tanks: AST

A listing of registered Aboveground Storage Tank sites made available by the North Carolina Department of Environmental Quality (DEQ). Note that aboveground storage tanks are only required to be registered with NC DEQ if they meet the definition of an Oil Terminal Facility.

Government Publication Date: Nov 18, 2024

Petroleum Storage Tanks: TANK

A list of petroleum storage tanks made available by the Division of Waste Management in the North Carolina Department of Environmental Quality (DEQ).

Government Publication Date: Sep 13, 2024

Delisted Storage Tanks: DTNK

List of sites which were once included, but have since been removed from the Underground or Aboveground Storage Tank databases made available by the Division of Waste Management in the North Carolina Department of Environmental Quality (DEQ).

Government Publication Date: Oct 18, 2024

Petroleum Contaminated Soil Remediation Permits: SOIL REM PERMITS

A list of sites that have received a permit or Certificate of Approval from the North Carolina Underground Storage Tank Section, under the Petroleum Contaminated Soil Remediation Permit Program. This list is made available by the North Carolina Department of Environmental Quality (NCDEQ), Division of Waste Management (DWM).

Government Publication Date: Aug 9, 2022

No Further Action Sites with Land Use Restrictions Monitoring: INST

This list of No Further Action Sites with Land Use Restrictions recorded as part of the remedy, originates from the North Carolina Department of Environmental Quality (DEQ), Division of Waste Management's Inactive hazardous Sites data.

Government Publication Date: Oct 1, 2024

Land Use Restriction and/or Notices: LUR

Locations of sites or projects managed by the NCDEQ, Division of Waste Management (DWM) having a Notice and/or Land Use Restrictions recorded at a local register of deeds office. The location data is a combined collection from eight (8) sections or programs operating within the DWM. The Notice and/or Land Use Restrictions are allowed based on the following North Carolina General Statutes: Notice of Open Dump; G.S. §130A-301(f); Notice of Inactive Hazardous Substance or Waste Disposal Site; G.S. §130A-310.8; Notice of Brownfields Property; G.S. §130A-310.35; Notice of Oil or Hazardous Substance Discharge Site; G.S. §143-215.85A; Notice of Dry-Cleaning Solvent Remediation; G.S. §143-215.104M; Notice of Contaminated Site; G.S. §143B-279.10; Notice of Residual Petroleum; G.S. §143B-279.11; Notice of Residual Contamination; G.S. §130A-310.71(e).

Government Publication Date: Jun 26, 2024

Fuel Service Stations: FUEL STATIONS

List of active fuel service stations made available by the North Carolina Department of Agriculture & Consumer Services (NCDA&CS). The NCDA&CS have responsibilities in regulatory and service areas covering agronomy including weights and measures and gas and oil inspection.

Government Publication Date: Aug 28, 2024

Delisted Fuel Service Stations: DELISTED FSS

A list of Fuel Service Stations that has been delisted from the active fuel service stations list which is made available by the North Carolina Department of Agriculture & Consumer Services (NCDA&CS).

Government Publication Date: Aug 28, 2024

Responsible Party Voluntary Action Sites: VCP

List of Responsible Party Voluntary Action Sites administered by the Inactive Hazardous Sites Branch of the Superfund Section of the North Carolina Department of Environmental Quality (DEQ). This site listing originates from the DEQ's Inactive Hazardous Sites data.
Government Publication Date: Oct 1, 2024

Brownfields Projects Inventory: BROWNFIELDS
A "brownfields site" is an abandoned, idled or underused property where the threat of environmental contamination has hindered redevelopment. The North Carolina Brownfields Program, which is administered by the Division of Waste Management in the North Carolina Department of Environmental Quality (DEQ), is the state's effort to break this barrier to the redevelopment of these sites.
Government Publication Date: Oct 9, 2024

Tribal

Leaking Underground Storage Tanks on Tribal/Indian Lands: INDIAN LUST
This list of leaking underground storage tanks (LUSTs) on Tribal/Indian Lands in Region 4, which includes North Carolina, is made available by the United States Environmental Protection Agency (EPA).
Government Publication Date: May 14, 2024

Underground Storage Tanks on Tribal/Indian Lands: INDIAN UST
This list of underground storage tanks (USTs) on Tribal/Indian Lands in Region 4, which includes North Carolina, is made available by the United States Environmental Protection Agency (EPA).
Government Publication Date: May 14, 2024

Delisted Tribal Leaking Storage Tanks: DELISTED INDIAN LST
Leaking Underground Storage Tank (LUST) facilities which once appeared on - and have since been removed from - the Regional Tribal/Indian LUST lists made available by the United States Environmental Protection Agency (EPA).
Government Publication Date: May 7, 2024

Delisted Tribal Underground Storage Tanks: DELISTED INDIAN UST
Underground Storage Tank (UST) facilities which once appeared on - and have since been removed from - the Regional Tribal/Indian UST lists made available by the United States Environmental Protection Agency (EPA).
Government Publication Date: May 7, 2024

County

No County standard environmental record sources available for this State.

Additional Environmental Record Sources

Federal

PFAS Greenhouse Gas Emissions Data: PFAS GHG
The U.S. Environmental Protection Agency's Greenhouse Gas Reporting Program (GHGRP) collects Greenhouse Gas (GHG) data from large emitting facilities (25,000 metric tons of carbon dioxide equivalent (CO2e) per year), and suppliers of fossil fuels and industrial gases that results in GHG emissions when used. Includes GHG emissions data for facilities that emit or have emitted since 2010 chemicals identified in EPA's CompTox Chemicals Dashboard list of PFAS without explicit structures and list of PFAS structures by DSSTox. PFAS emissions data has been identified for facilities engaged in the following industrial processes: Aluminum Production (GHGRP Subpart F), HCFC-22 Production and HFC-23 Destruction (Subpart O), Electronics Manufacturing (Subpart I), Fluorinated Gas Production (Subpart L), Magnesium Production (Subpart T), Electrical Transmission and Distribution Equipment Use (Subpart DD), and Manufacture of Electric Transmission and Distribution Equipment (Subpart SS). Over time, other industrial processes with required GHGRP reporting may include PFAS emissions data and the list of reportable gases may change over time.
Government Publication Date: Aug 5, 2024

On-Scene Coordinator Response Sites: OSC RESPONSE

This list of On-Scene Coordinator (OSC) Response Sites is provided by the U.S. Environmental Protection Agency (EPA). OSCs are the federal officials responsible for monitoring or directing responses to all oil spills and hazardous substance releases reported to the federal government. OSCs coordinate all federal efforts with, and provide support and information to local, state, and regional response communities. An OSC is an agent of either EPA or the U.S. Coast Guard (USCG), depending on where the incident occurs. EPA's OSCs have primary responsibility for spills and releases to inland areas and waters. USCG OSCs have responsibility for coastal waters and the Great Lakes. In general, an OSC has the following key responsibilities during and after a response: Assessment, Monitoring, Response Assistance, and Evaluation.

Government Publication Date: Apr 4, 2024

Facility Registry Service/Facility Index: FINDS/FRS

The Facility Registry Service (FRS) is a centrally managed database that identifies facilities, sites, or places subject to environmental regulations or of environmental interest. FRS creates high-quality, accurate, and authoritative facility identification records through rigorous verification and management procedures that incorporate information from program national systems, state master facility records, and data collected from EPA's Central Data Exchange registrations and data management personnel. This list is made available by the U.S. Environmental Protection Agency (EPA).

Government Publication Date: Aug 1, 2024

Toxics Release Inventory (TRI) Program: TRIS

The U.S. Environmental Protection Agency's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of toxic chemicals from U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment. There are currently 770 individually listed chemicals and 33 chemical categories covered by the TRI Program. Facilities that manufacture, process or otherwise use these chemicals in amounts above established levels must submit annual reporting forms for each chemical. Note that the TRI chemical list does not include all toxic chemicals used in the U.S. One of TRI's primary purposes is to inform communities about toxic chemical releases to the environment. This database includes TRI Reporting Data for calendar years 1987 through 2021 and Preliminary Data for 2022.

Government Publication Date: Sep 20, 2023

PFOA/PFOS Contaminated Sites: PFAS NPL

This list of Superfund Sites with Per- and Polyfluoroalkyl Substances (PFAS) detections is made available by the U.S. Environmental Protection Agency (EPA) in their PFAS Analytic Tools data, previously the list was obtained by EPA FOIA requests. EPA's Office of Land and Emergency Management and EPA Regional Offices maintain what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment. Limitations: Detections of PFAS at National Priorities List (NPL) sites do not mean that people are at risk from PFAS, are exposed to PFAS, or that the site is the source of the PFAS. The information in the Superfund NPL and Superfund Alternative Agreement (SAA) PFAS detection site list is years old and may not be accurate today. Site information such as site name, site ID, and location has been confirmed for accuracy; however, PFAS-related information such as media sampled, drinking water being above the health advisory, or mitigation efforts has not been verified. For Federal Facilities data, the other Federal agencies (OFA) are the lead agency for their data and provided them to EPA.

Government Publication Date: Dec 17, 2024

Federal Agency Locations with Known or Suspected PFAS Detections: PFAS FED SITES

This list of federal agency locations with known or suspected detections of Per- and Polyfluoroalkyl Substances (PFAS) is made available by the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools data. The EPA outlines that these data are gathered from several federal entities, such as the federal Superfund program, Department of Defense (DOD), National Aeronautics and Space Administration (NASA), Department of Transportation (DOT), and Department of Energy (DOE). The dates this data was extracted for the PFAS Analytic Tools range from 2022 to 2024. Sites on this list do not necessarily reflect the source/s of PFAS contamination and detections do not indicate level of risk or human exposure at the site. Agricultural notifications in this data are limited to DOD sites only. At this time, the EPA is aware that this list is not comprehensive of all Federal agencies.

Government Publication Date: Oct 24, 2024

SSEHRI PFAS Contamination Sites: PFAS SSEHRI

This PFAS Contamination Site Tracker database is compiled by the PFAS Project Lab, part of the Social Science Environmental Health Research Institute (SSEHRI) at Northeastern University. According to the SSEHRI, the database records qualitative and quantitative data from each known site of PFAS contamination, including timeline of discovery, sources, levels, health impacts, community response, and government response. The goal of this database is to compile information and support public understanding of the rapidly unfolding issue of PFAS contamination. All data presented was extracted from government websites, news articles, or publicly available documents. Locations for the Known PFAS Contamination Sites are sourced from the PFAS Sites and Community Resources Map by the PFAS-REACH team, credited to PFAS Project Lab, Silent Spring Institute, and PFAS Exchange. Disclaimer: The source conveys the data undergoes regular updates as new information becomes available, some sites may be missing and/or contain information that is incorrect or outdated, as well as their information represents all contamination sites SSEHRI is aware of, not all possible contamination sites. This data is not intended to be used for legal purposes. Access the following source link for the most current information: https://pfasproject.com/pfas-sites-and-community-resources/

Government Publication Date: Jun 27, 2024

National Response Center PFAS Spills: PFAS ERNS

This Per- and Poly-Fluoroalkyl Substances (PFAS) Spills dataset is made available via the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools. The National Response Center (NRC), operated by the U.S. Coast Guard, is the designated federal point of contact for reporting all oil, chemical, and other discharges into the environment, for the United States and its territories. This dataset contains NRC spill information from 1990 to the present that is restricted to records associated with PFAS and PFAS-containing materials. Incidents are filtered to include only records with a "Material Involved" or "Incident Description" related to Aqueous Film Forming Foam (AFFF). The keywords used to filter the data included "AFFF," "Fire Fighting Foam," "Aqueous Film Forming Foam," "Fire Suppressant Foam, "PFAS," "PERFL," "PFOA," "PFOS," and "Genx." Limitations: The data from the NRC website contains initial incident data that has not been validated or investigated by a federal/state response agency. Keyword searches may misidentify some incident reports that do not contain PFAS. This dataset should also not be considered to be exhaustive of all PFAS spills/release incidents.

Government Publication Date: Dec 9, 2024

PFAS NPDES Discharge Monitoring: PFAS NPDES

This list of National Pollutant Discharge Elimination System (NPDES) permitted facilities with required monitoring for Per- and Polyfluoroalkyl (PFAS) Substances is made available via the U.S. Environmental Protection Agency (EPA)'s PFAS Analytic Tools. Any point-source wastewater discharger to waters of the United States must have a NPDES permit, which defines a set of parameters for pollutants and monitoring to ensure that the discharge does not degrade water quality or impair human health. This list includes NPDES permitted facilities associated with permits that monitor for Per- and Polyfluoroalkyl Substances (PFAS), limited to the years 2007 - present. EPA further advises the following regarding these data: currently, fewer than half of states have required PFAS monitoring for at least one of their permittees, and fewer states have established PFAS effluent limits for permittees. For states that may have required monitoring, some reporting and data transfer issues may exist on a state-by-state basis.

Government Publication Date: Dec 16, 2024

Perfluorinated Alkyl Substances (PFAS) from Toxic Release Inventory: PFAS TRI

List of Toxics Release Inventory (TRI) facilities at which the reported chemical is a per- or polyfluoroalkyl (PFAS) substance included in the U.S. Environmental Protection Agency's (EPA) consolidated PFAS Master List of PFAS Substances. Encompasses Toxics Release Inventory records included in the EPA PFAS Analytic Tools. The EPA's TRI database currently tracks information on disposal or releases of 770 individually listed toxic chemicals and 33 chemical categories from thousands of U.S. facilities and details about how facilities manage those chemicals through recycling, energy recovery, and treatment. This listing includes TRI Reporting Data for calendar years 1987 through 2021 and Preliminary Data for 2022.

Government Publication Date: Sep 20, 2023

PFAS Water Quality Portal Sampling Data: PFAS WATER

This Per- and Poly-Fluoroalkyl Substances (PFAS) Environmental Media Sampling Data is made available via the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools. The Water Quality Portal (WQP), as a cooperative service sponsored by the United States Geological Survey, the EPA, and the National Water Quality Monitoring Council, is part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations, and individuals submit project details and sampling results to this public repository. Limitations: EPA did not carry out the sampling or testing of a majority of the data in the WQP PFAS dataset. EPA can only speak to the accuracy and completeness of the data from projects like the National Aquatic Resource Surveys for which EPA is the data owner/organization. Data may exist within the file on Quality Assurance Project Plans (QAPPs) and the approving agency of the QAPP, if a QAPP is entered.

Government Publication Date: Jul 22, 2024

PFAS TSCA Manufacture and Import Facilities: PFAS TSCA

The U.S. Environmental Protection Agency (EPA) issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. This list is specific only to TSCA Manufacture and Import Facilities with reported per- and poly-fluoroalkyl (PFAS) substances. Data file is sourced from EPA's PFAS Analytic Tools TSCA dataset which includes CDR/Inventory Update Reporting data from 1998 up to 2020. Disclaimer: This data file includes production and importation data for chemicals identified in EPA's CompTox Chemicals Dashboard list of PFAS without explicit structures and list of PFAS structures in DSSTox. Note that some regulations have specific chemical structure requirements that define PFAS differently than the lists in EPA's CompTox Chemicals Dashboard. Reporting information on manufactured or imported chemical substance amounts should not be compared between facilities, as some companies claim Chemical Data Reporting Rule data fields for PFAS information as Confidential Business Information.

Government Publication Date: Jan 5, 2023

PFAS Waste Transfers from RCRA e-Manifest : PFAS E-MANIFEST

This Per- and Poly-Fluoroalkyl Substances (PFAS) Waste Transfers dataset is made available via the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools. Every shipment of hazardous waste in the U.S. must be accompanied by a shipment manifest, which is a critical component of the cradle-to-grave tracking of wastes mandated by the Resource Conservation and Recovery Act (RCRA). According to the EPA, currently no Federal Waste Code exists for any PFAS compounds. To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: • PFAS • PFOA • PFOS • PERFL • AFFF • GENX • GEN-X (plus the Vermont state-specific waste codes). Limitations: Amount or concentration of PFAS being transferred cannot be determined from the manifest information. Keyword searches may misidentify some manifest records that do not contain PFAS. This dataset should also not be considered to be exhaustive of all PFAS waste transfers.

Government Publication Date: Dec 15, 2024

PFAS Industry Sectors: PFAS IND

This Per- and Poly-Fluoroalkyl Substances (PFAS) Industry Sectors dataset is made available via the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools. The EPA developed the dataset from various sources that show which industries may be handling PFAS including: EPA's Enforcement and Compliance History Online (ECHO) records restricted to potential PFAS-handling industry sectors; ECHO records for Fire Training Sites identified where fire-fighting foam may have been used in training exercises; and 14 CFR Part 139 Airports compiled from historic and current records from the FAA Airport Data and Information Portal. Since July 2006, all certificated Part 139 Airports are required to have fire-fighting foam onsite that meet certain military specifications, which to date have been fluorinated (Aqueous Film Forming Foam). Limitations: Inclusion in this dataset does not indicate that PFAS are being manufactured, processed, used, or released by the facility. Listed facilities potentially handle PFAS based on their industrial profile, but are unconfirmed by the EPA. Keyword searches in ECHO for Fire Training sites may misidentify some facilities and should not be considered to be an exhaustive list of fire training facilities in the U.S.

Government Publication Date: Dec 16, 2024

Hazardous Materials Information Reporting System: HMIRS

The Hazardous Materials Incident Reporting System (HMIRS) database contains unintentional hazardous materials release information reported to the U.S. Department of Transportation, Pipeline and Hazardous Materials Safety Administration.

Government Publication Date: May 29, 2024

National Clandestine Drug Labs: NCDL

The U.S. Department of Justice ("the Department"), Drug Enforcement Administration (DEA), provides this data as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy.

Government Publication Date: Nov 30, 2023

Toxic Substances Control Act: TSCA

The U.S. Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule. The CDR enables EPA to collect and publish information on the manufacturing, processing, and use of commercial chemical substances and mixtures (referred to hereafter as chemical substances) on the TSCA Chemical Substance Inventory (TSCA Inventory). This includes current information on chemical substance production volumes, manufacturing sites, and how the chemical substances are used. This information helps the Agency determine whether people or the environment are potentially exposed to reported chemical substances. EPA publishes submitted CDR data that is not Confidential Business Information (CBI). EPA CDR collections occur approximately every four years and reporting requirements change per collection.

Government Publication Date: May 12, 2022

Hist TSCA: HIST TSCA

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The 2006 IUR data summary report includes information about chemicals manufactured or imported in quantities of 25,000 pounds or more at a single site during calendar year 2005. In addition to the basic manufacturing information collected in previous reporting cycles, the 2006 cycle is the first time EPA collected information to characterize exposure during manufacturing, processing and use of organic chemicals. The 2006 cycle also is the first time manufacturers of inorganic chemicals were required to report basic manufacturing information.

Government Publication Date: Dec 31, 2006

FTTS Administrative Case Listing: FTTS ADMIN

An administrative case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

FTTS Inspection Case Listing: FTTS INSP

An inspection case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

Potentially Responsible Parties List: PRP

Early in the site cleanup process, the U.S. Environmental Protection Agency (EPA) conducts a search to find the Potentially Responsible Parties (PRPs). The EPA looks for evidence to determine liability by matching wastes found at the site with parties that may have contributed wastes to the site. This listing contains PRPs, Noticed Parties, at sites in the EPA's Superfund Enterprise Management System (SEMS).

Government Publication Date: Nov 20, 2024

State Coalition for Remediation of Drycleaners Listing: SCRD DRYCLEANER

The State Coalition for Remediation of Drycleaners (SCRD) was established in 1998, with support from the U.S. Environmental Protection Agency (EPA) Office of Superfund Remediation and Technology Innovation. Coalition members are states with mandated programs and funding for drycleaner site remediation. Current members are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin. Since 2017, the SCRD no longer maintains this data, refer to applicable state source data where available.

Government Publication Date: Nov 08, 2017

Integrated Compliance Information System (ICIS): ICIS

The Integrated Compliance Information System (ICIS) database contains integrated enforcement and compliance information across most of U.S. Environmental Protection Agency's (EPA) programs. The vision for ICIS is to replace EPA's independent databases that contain enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions and a subset of the Permit Compliance System (PCS), which supports the National Pollutant Discharge Elimination System (NPDES). This information is maintained by the EPA Headquarters and at the Regional offices. A future release of ICIS will completely replace PCS and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities that support compliance and enforcement programs, including incident tracking, compliance assistance, and compliance monitoring.

Government Publication Date: Apr 13, 2024

Drycleaner Facilities: FED DRYCLEANERS

A list of drycleaner facilities from Enforcement and Compliance History Online (ECHO) data as made available by the U.S. Environmental Protection Agency (EPA), sourced from the ECHO Exporter file. The EPA tracks facilities that possess NAIC and SIC codes that classify businesses as drycleaner establishments.

Government Publication Date: May 5, 2024

Delisted Drycleaner Facilities: DELISTED FED DRY

List of sites removed from the list of Drycleaner Facilities (sites in the EPA's Integrated Compliance Information System (ICIS) with NAIC or SIC codes identifying the business as a drycleaner establishment).

Government Publication Date: May 5, 2024

Formerly Used Defense Sites: FUDS

Formerly Used Defense Sites (FUDS) are properties that were formerly owned by, leased to, or otherwise possessed by and under the jurisdiction of the Secretary of Defense prior to October 1986, where the Department of Defense (DOD) is responsible for an environmental restoration. The FUDS Annual Report to Congress (ARC) is published by the U.S. Army Corps of Engineers (USACE). This data is compiled from the USACE's Geospatial FUDS data layers and Homeland Infrastructure Foundation-Level Data (HIFLD) FUDS dataset which applies to the Fiscal Year 2021 FUDS Inventory.

Government Publication Date: May 15, 2023

FUDS Munitions Response Sites: FUDS MRS

Boundaries of Munitions Response Sites (MRS), published with the Formerly Used Defense Sites (FUDS) Annual Report to Congress (ARC) by the U.S. Army Corps of Engineers (USACE). An MRS is a discrete location within a Munitions response area (MRA) that is known to require a munitions response. An MRA means any area on a defense site that is known or suspected to contain unexploded ordnance (UXO), discarded military munitions (DMM), or munitions constituents (MC). This data is compiled from the USACE's Geospatial MRS data layers and Homeland Infrastructure Foundation-Level Data (HIFLD) MRS dataset.

Government Publication Date: May 15, 2023

Former Military Nike Missile Sites: FORMER NIKE

This information was taken from report DRXTH-AS-IA-83A016 (Historical Overview of the Nike Missile System, 12/1984) which was performed by Environmental Science and Engineering, Inc. for the U.S. Army Toxic and Hazardous Materials Agency Assessment Division. The Nike system was deployed between 1954 and the mid-1970's. Among the substances used or stored on Nike sites were liquid missile fuel (JP-4); starter fluids (UDKH, aniline, and furfuryl alcohol); oxidizer (IRFNA); hydrocarbons (motor oil, hydraulic fluid, diesel fuel, gasoline, heating oil); solvents (carbon tetrachloride, trichloroethylene, trichloroethane, stoddard solvent); and battery electrolyte. The quantities of material a disposed of and procedures for disposal are not documented in published reports. Virtually all information concerning the potential for contamination at Nike sites is confined to personnel who were assigned to Nike sites. During deactivation most hardware was shipped to depot-level supply points. There were reportedly instances where excess materials were disposed of on or near the site itself at closure. There was reportedly no routine site decontamination.
Government Publication Date: Dec 2, 1984

PHMSA Pipeline Safety Flagged Incidents: PIPELINE INCIDENT

This list of flagged pipeline incidents is made available by the U.S. Department of Transportation (US DOT) Pipeline and Hazardous Materials Safety Administration (PHMSA). PHMSA regulations require incident and accident reports for five different pipeline system types. Accidents reported on hazardous liquid gravity lines (§195.13) and reporting-regulated-only hazardous liquid gathering lines (§195.15) and incidents reported on Type R gas gathering (§192.8(c)) are not included in the flagged incident file data.
Government Publication Date: May 6, 2024

Material Licensing Tracking System (MLTS): MLTS

A list of sites that store radioactive material subject to the Nuclear Regulatory Commission (NRC) licensing requirements. This list is maintained by the NRC. As of September 2016, the NRC no longer releases location information for sites. Site locations were last received in July 2016.
Government Publication Date: May 11, 2021

Historic Material Licensing Tracking System (MLTS) sites: HIST MLTS

A historic list of sites that have inactive licenses and/or removed from the Material Licensing Tracking System (MLTS). In some cases, a site is removed from the MLTS when the state becomes an "Agreement State". An Agreement State is a State that has signed an agreement with the Nuclear Regulatory Commission (NRC) authorizing the State to regulate certain uses of radioactive materials within the State.
Government Publication Date: Jan 31, 2010

Mines Master Index File: MINES

The Master Index File (MIF) is provided by the United States Department of Labor, Mine Safety and Health Administration (MSHA). This file, which was originally created in the 1970's, contained many Mine-IDs that were invalid. MSHA removes invalid IDs from the MIF upon discovery. MSHA applicable data includes the following: all Coal and Metal/Non-Metal mines under MSHA's jurisdiction since 1/1/1970; mine addresses for all mines in the database except for Abandoned mines prior to 1998 from MSHA's legacy system (addresses may or may not correspond with the physical location of the mine itself); violations that have been assessed penalties as a result of MSHA inspections beginning on 1/1/2000; and violations issued as a result of MSHA inspections conducted beginning on 1/1/2000.
Government Publication Date: Feb 5, 2024

Surface Mining Control and Reclamation Act Sites: SMCRA

This inventory of land and water impacted by past mining (primarily legacy coal mining operations) is maintained by the U.S. Department of the Interior's Office of Surface Mining Reclamation and Enforcement (OSMRE), as it provides information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). This inventory contains information on the type and extent of Abandoned Mine Land (AML) Problems, as well as information on the cost associated with the reclamation of those problems. The data is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed. Disclaimer: Per the OSMRE, States and tribes who enter their data into e-AMLIS (AML Inventory System) may truncate their latitude and longitude so the precise location of usually dangerous AMLs is not revealed in an effort to protect the public from searching for these AMLs, most of which are on private property. If more precise location information is needed, please contact the applicable state/tribe of interest.
Government Publication Date: May 20, 2024

Mineral Resource Data System: MRDS

The Mineral Resource Data System (MRDS) is a collection of reports describing metallic and nonmetallic mineral resources throughout the world. Included are deposit name, location, commodity, deposit description, geologic characteristics, production, reserves, resources, and references. This database contains the records previously provided in the Mineral Resource Data System (MRDS) of USGS and the Mineral Availability System/Mineral Industry Locator System (MAS/MILS) originated in the U.S. Bureau of Mines, which is now part of USGS. The USGS has ceased systematic updates of the MRDS database with their focus more recently on deposits of critical minerals while providing a well-documented baseline of historical mine locations from USGS topographic maps.
Government Publication Date: Mar 15, 2016

DOE Legacy Management Sites: LM SITES

The U.S. Department of Energy (DOE) Office of Legacy Management (LM) currently manages radioactive and chemical waste, environmental contamination, and hazardous material at over 100 sites across the U.S. The LM manages sites with diverse regulatory drivers (statutes or programs that direct cleanup and management requirements at DOE sites) or as part of internal DOE or congressionally-recognized programs, such as but not limited to: Formerly Utilized Sites Remedial Action Program (FUSRAP), Uranium Mill Tailings Radiation Control Act (UMTRCA Title I, Tile II), Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), Resource Conservation and Recovery Act (RCRA), Decontamination and Decommissioning (D&D), Nuclear Waste Policy Act (NWPA). This site listing includes data exported from the DOE Office of LM's Geospatial Environmental Mapping System (GEMS). GEMS Data disclaimer: The DOE Office of LM makes no representation or warranty, expressed or implied, regarding the use, accuracy, availability, or completeness of the data presented herein.

Government Publication Date: Dec 12, 2023

Alternative Fueling Stations: ALT FUELS

This list of alternative fueling stations is sourced from the Alternative Fuels Data Center (AFDC). The U.S. Department of Energy's Office of Energy Efficiency & Renewable Energy launched the AFDC in 1991 as a repository for alternative fuel vehicle performance data, which provides a wealth of information and data on alternative and renewable fuels, advanced vehicles, fuel-saving strategies, and emerging transportation technologies. The data includes Biodiesel (B20 and above), Compressed Natural Gas (CNG), Electric, Ethanol (E85), Hydrogen, Liquefied Natural Gas (LNG), Propane (LPG), and Renewable Diesel (R20 and above) fuel type locations.

Government Publication Date: Aug 29, 2024

Superfunds Consent Decrees: CONSENT DECREES

This list of Superfund consent decrees is provided by the Department of Justice, Environment & Natural Resources Division (ENRD) through a Freedom of Information Act (FOIA) applicable file. This listing includes Cases filed since 2010 limited to the following: Consent Decrees for CERCLA or Superfund Sites filed and/or as proposed within the ENRD's Case Management System (CMS); and applicable ENRD's Environmental Defense Section (EDS) CERCLA Cases with "Consent" in History Note. CMS may not reflect the latest developments in a case, nor can the agency guarantee the accuracy of the data. ENRD Disclaimer: Congress excluded three discrete categories of law enforcement and national security records from the requirements of the FOIA; response is limited to those records that are subject to the requirements of the FOIA; however, this should not be taken as an indication that excluded records do, or do not, exist.

Government Publication Date: Jun 26, 2024

Air Facility System: AFS

This EPA retired Air Facility System (AFS) dataset contains emissions, compliance, and enforcement data on stationary sources of air pollution. Regulated sources cover a wide spectrum; from large industrial facilities to relatively small operations such as dry cleaners. AFS does not contain data on facilities that are solely asbestos demolition and/or renovation contractors, or landfills. ECHO Clean Air Act data from AFS are frozen and reflect data as of October 17, 2014; the EPA retired this system for Clean Air Act stationary sources and transitioned to ICIS-Air.

Government Publication Date: Oct 17, 2014

Registered Pesticide Establishments: SSTS

This national list of active EPA-registered foreign and domestic pesticide and/or device-producing establishments is based on data from the Section Seven Tracking System (SSTS). The Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) Section 7 requires that each producing establishment must place its EPA establishment number on the label or immediate container of each pesticide, active ingredient or device produced. An EPA establishment number on a pesticide product label identifies the EPA registered location where the product was produced. The list of establishments is made available by the U.S. Environmental Protection Agency (EPA).

Government Publication Date: Feb 29, 2024

Polychlorinated Biphenyl (PCB) Transformers: PCBT

Locations of Transformers Containing Polychlorinated Biphenyls (PCBs) registered with the United States Environmental Protection Agency. PCB transformer owners must register their transformer(s) with EPA. Although not required, PCB transformer owners who have removed and properly disposed of a registered PCB transformer may notify EPA to have their PCB transformer de-registered. Data made available by EPA.

Government Publication Date: Oct 15, 2019

Polychlorinated Biphenyl (PCB) Notifiers: PCB

Facilities included in the national list of facilities that have notified the United States Environmental Protection Agency (EPA) of Polychlorinated Biphenyl (PCB) activities. Any company or person storing, transporting or disposing of PCBs or conducting PCB research and development must notify the EPA and receive an identification number.

Government Publication Date: May 23, 2024

Power Plants: POWER PLANTS

This list of power plants is provided by the U.S. Energy Information Administration (EIA). The listing includes operable electric generating plants in the United States by energy source, originating from the EIA-860, Annual Electric Generator Report; EIA-860M, Monthly Update to the Annual Electric Generator Report; and EIA-923, Power Plant Operations Report. It includes all operable plants by energy source with a combined nameplate capacity of 1 megawatt or more that are operating, are on standby, or out of service for short- or long-term.

Government Publication Date: Apr 15, 2024

State

Dry Cleaning Contamination and Solvent Cleanup Act (DSCA) Program: DRYC DSCA

List of Dry Cleaning sites known to the Division of Waste Management in the Department of Environmental Quality (DEQ), including: sites that have been certified into the Dry-Cleaning Solvent Cleanup Act Program (DSCA) Program; sites that are being investigated by the DSCA Program for dry-cleaning solvent contamination; sites that have been investigated and determined not to have been contaminated by dry-cleaning solvent contamination. Made available by the North Carolina Department of Environmental Quality.

Government Publication Date: Oct 3, 2024

Drycleaning Historical Boiler Inspections: DRYC HIST BOILER

North Carolina Department of Labor drycleaner boiler inspections between the years of 1970 and 2005. Made available by the North Carolina Department of Environmental Quality in their Online GIS, for visual reference of possible historical dry-cleaning activity.

Government Publication Date: Dec 6, 2021

Drycleaning City Directories: DRYC CITY DIR

Names and address of dry-cleaning businesses collected from historical city directories, made available by the North Carolina Department of Environmental Quality.

Government Publication Date: Jun 26, 2024

Dry Cleaning Facilities: DRYCLEANERS

A list of dry cleaners made available by the North Carolina Department of Environmental Quality (DEQ), Division of Waste Management. This listing includes active and inactive facilities that are subject to compliance inspections and also closed facilities that are no longer subject to compliance inspections.

Government Publication Date: Apr 27, 2022

Delisted Dry Cleaning Facilities: DELISTED DRYCLEANERS

List of dry cleaner locations which were once included, but no longer appear on, the list of dry cleaner locations made available by the Division of the Waste Management of North Carolina Department of Environmental Quality (DEQ).

Government Publication Date: Oct 3, 2024

Incident Management Database (Spills): SPILLS

This list of spill incidents is provided by the North Carolina Department of Environmental Quality (DEQ). The DEQ's Division of Water Resources is responsible for communications and coordination of cleanups from discharges related to oil spills, sewage spills, and fish kills or algal blooms, that threaten to reach surface waters. The listing includes various types of incidents reported to the DEQ since the early 2000's.

Government Publication Date: Oct 13, 2023

Manufactured Gas Plant (MGP) Sites: MGP

A list of Manufactured Gas Plant (MGP) sites participating in the MGP Assessment and Remediation Program as described in the Administrative Order on Consent 00-SF-192. This list is made available by the North Carolina Environmental Quality (NCDEQ) Division of Waste Management.

Government Publication Date: Dec 12, 2019

Per- and Polyfluoroalkyl Substances (PFAS): PFAS

A list of sites where Per- and Polyfluoroalkyl Substances (PFAS) has been identified, made available by the North Carolina Department of Environment Quality.

Government Publication Date: Aug 27, 2020

Recycling Markets Directory: SWRCY

List of recycling facilities made available by the Division of Environmental Assistance and Customer Service (DEACS) of the NC Department of Environmental Quality. Information is based on data supplied by the listed organizations to DEACS. DEACS is a non-regulatory state agency, does not regularly inspect facilities, and does not represent that the companies are, or are not, in compliance with applicable federal, state and local laws.

Government Publication Date: Feb 28, 2023

Hazardous Waste Sites: HAZ

A list of sites within North Carolina that are regulated by the hazardous waste portions of the Resource Conservation and Recovery Act (RCRA). This list is provided by the North Carolina Department of Environmental Quality (NC DEQ), Division of Waste Management.

Government Publication Date: May 29, 2024

Permitted Septage Sites: SDTF

List of active and permitted Septage Detention and Treatment Facility (SDTF) sites in North Carolina, made available by the North Carolina Department of Environmental Quality.

Government Publication Date: Sep 21, 2018

Tier 2 Report: TIER 2

A list of Tier 2 facilities in North Carolina. This list is made available by the North Carolina Department of Environmental Quality (NC DEQ).

Government Publication Date: Oct 30, 2020

Underground Injection Control Wells: UIC

This list of Underground Injection Control (UIC) Wells is made available by the North Carolina Department of Environment Quality (NCDEQ) Division of Water Resources. The list only includes Class V UIC wells because only Class V UIC wells can be installed in North Carolina.

Government Publication Date: May 9, 2024

Air Permitted Facilities: AIR PERMIT

This list of facilities with air quality permits is made available by the Air Quality Division of the North Carolina Department of Environment and Natural Resources.

Government Publication Date: Jul 21, 2020

Animal Feeding Operation Permits: FEEDLOTS

The Water Quality section of the North Carolina Department of Environmental Quality (NCDEQ) provides this list of permits for animal feeding operations and animal facilities.

Government Publication Date: Sep 8, 2024

Historic Potential Business Activity Risk: HIST RISK

Proprietary list of sites identified as potentially having engaged in business activity that poses a higher-than-normal risk of contamination. Records originate from historical city directories, and are included in this list based on broad business categories Potentially Hazardous Chemical Users and Fuel and Automotive, including but not limited to Dry Cleaners and Fuel Stations, Garages, etc. Inclusion in this listing does not indicate that there is or ever has been contamination; rather, sites are included in this list due to their potential for having engaged in a business activity presenting an elevated risk of contamination. The list was compiled from various city directories including Polks, Millers, Mullin Kille, Interstate Directory, and State Directory Co; spanning roughly 1920s through 1960 depending on information available by city.

Government Publication Date: Jan 1, 1960

Tribal

No Tribal additional environmental record sources available for this State.

County

No County additional environmental record sources available for this State.

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

APPENDIX D

USER, OWNER, AND REGULATORY AGENCY PROVIDED DOCUMENTATION

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Wake County Real Estate Data
Account Summary

Real Estate ID **0365842** PIN # **0741458832**

Location Address
930 S HUGHES ST

Property Description
LO11 BROADSTONE STATION BM2007-02419

Property Owner	Owner's Mailing Address	Property Location Address
KING INVESTMENT PROPERTIES LLC (Use the Deeds link to view any additional owners)	**PO BOX 1798** **APEX NC 27502-2798**	**930 S HUGHES ST** **APEX NC 27502-7731**

Administrative Data		**Transfer Information**		**Assessed Value**	
Old Map #	**672--**				
Map/Scale	**0741 10**	Deed Date	**2/16/2017**	Land Value Assessed	**$2,207,971**
VCS	**SWAP001**	Book & Page	**16696 1924**	Bldg. Value Assessed	
City	**APEX**	Revenue Stamps	**1872.00**		
Fire District		Pkg Sale Date			
Township	**WHITE OAK**	Pkg Sale Price		Tax Relief	
Land Class	**VACANT**	Land Sale Date	**2/16/2017**		
ETJ	**AP**	Land Sale Price	**$936,000**	Land Use Value	
Spec Dist(s)				Use Value Deferment	
Zoning	**PUD-CZ**	**Improvement Summary**		Historic Deferment	
History ID 1				Total Deferred Value	
History ID 2		Total Units	**0**		
Acreage	**5.28**	Recycle Units	**0**		
Permit Date	**5/29/2008**	Apt/SC Sqft		Use/Hist/Tax Relief	
Permit #	**0000005005**	Heated Area		Assessed	
				Total Value Assessed*	**$2,207,971**

*Wake County assessed building and land values reflect the market value as of January 1, 2024, which is the date of the last county-wide revaluation. Any inflation, deflation or other economic changes occurring after this date does not affect the assessed value of the property and cannot be lawfully considered when reviewing the value for adjustment.

The January 1, 2024 values will remain in effect until the next county-wide revaluation. Until that time, any real estate accounts created or new construction built is assessed according to the 2024 Schedule of Values.

For questions regarding the information displayed on this site, please contact the Department of Tax Administration at Taxhelp@wake.gov or call 919-856-5400.

Wake County Real Estate Data
Account Summary

Real Estate ID **0256562** PIN # **0741465131**

Location Address
0 S HUGHES ST

Property Description
PROP KING INVESTMENT PROP LLC BM1999-01822

Property Owner	Owner's Mailing Address	Property Location Address
KING INVESTMENT PROPERTIES LLC (Use the Deeds link to view any additional owners)	**PO BOX 1798** **APEX NC 27502-2798**	**0 S HUGHES ST** **APEX NC 27502-0000**

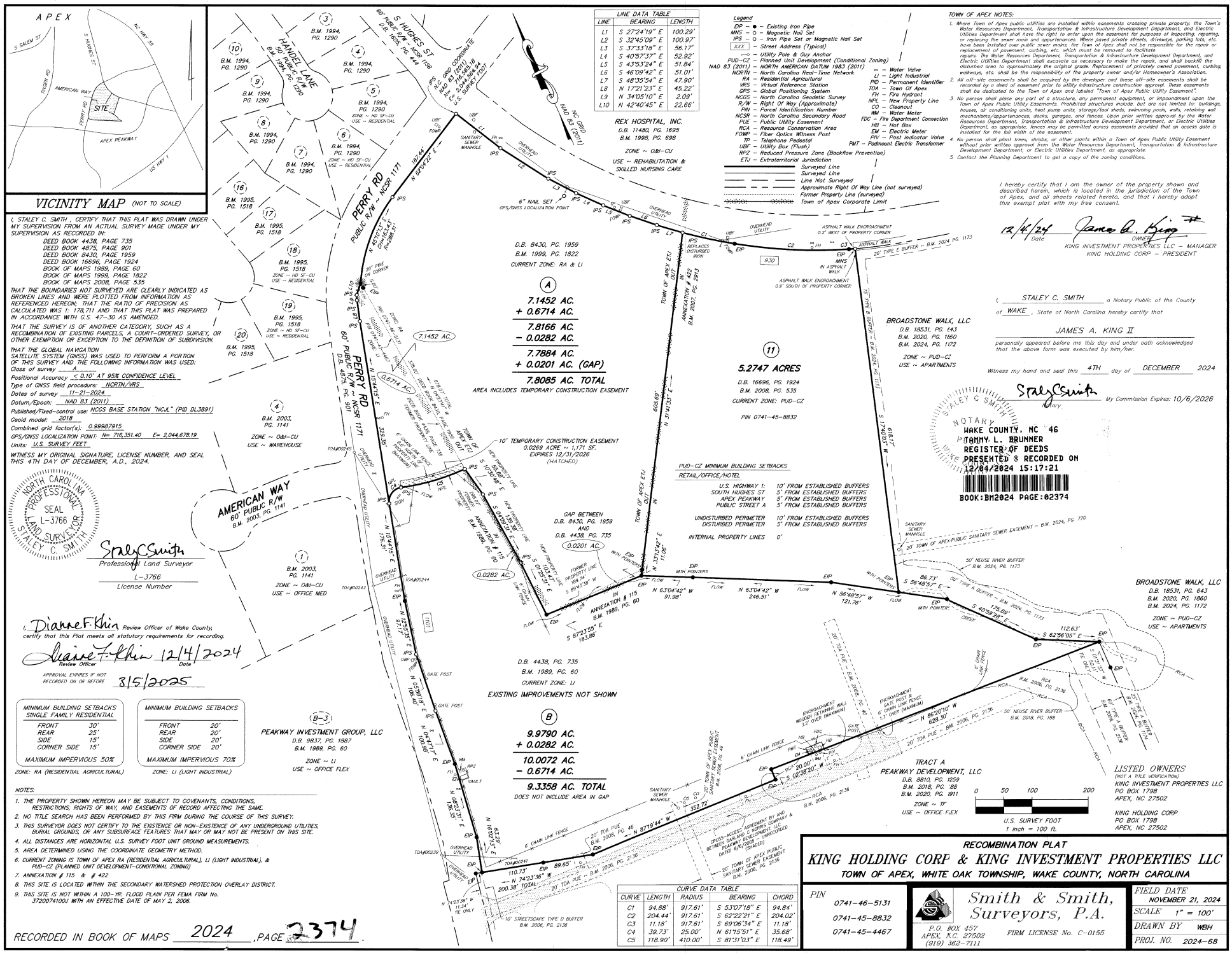
Administrative Data		**Transfer Information**		**Assessed Value**	
Old Map #	**011-00000-0000**				
Map/Scale	**0741 10**	Deed Date	**10/4/1999**	Land Value Assessed	**$1,061,000**
VCS	**20AP900**	Book & Page	**08430 1959**	Bldg. Value Assessed	
City		Revenue Stamps	**715.00**		
Fire District	**23**	Pkg Sale Date			
Township	**WHITE OAK**	Pkg Sale Price		Tax Relief	
Land Class	**VACANT**	Land Sale Date	**10/4/1999**		
ETJ	**AP**	Land Sale Price	**$357,500**	Land Use Value	
Spec Dist(s)				Use Value Deferment	
Zoning	**RA**	**Improvement Summary**		Historic Deferment	
History ID 1				Total Deferred Value	
History ID 2		Total Units	**0**		
Acreage	**7.15**	Recycle Units	**0**		
Permit Date		Apt/SC Sqft		Use/Hist/Tax Relief	
Permit #		Heated Area		Assessed	
				Total Value Assessed*	**$1,061,000**

*Wake County assessed building and land values reflect the market value as of January 1, 2024, which is the date of the last county-wide revaluation. Any inflation, deflation or other economic changes occurring after this date does not affect the assessed value of the property and cannot be lawfully considered when reviewing the value for adjustment.

The January 1, 2024 values will remain in effect until the next county-wide revaluation. Until that time, any real estate accounts created or new construction built is assessed according to the 2024 Schedule of Values.

For questions regarding the information displayed on this site, please contact the Department of Tax Administration at Taxhelp@wake.gov or call 919-856-5400.

BKBM2024PG02374



BK013687PG01393

WAKE COUNTY, NC 308
LAURA M RIDDICK
REGISTER OF DEEDS
PRESENTED & RECORDED ON
09/02/2009 AT 15:38:00

BOOK:013687 PAGE:01393 - 01396

NOTICE OF RESIDUAL PETROLEUM

Kite Realty Peakway at 55, LLC property, 900 S. Hughes Street, Cary, Wake County, North Carolina
(Site name) RETURN TO: KITE REALTY PEAKWAY AT 55, LLC 30 S. MERIDIAN, SUITE 1100 INDIANAPOLIS, IN 46204

The property that is the subject of this Notice (hereinafter referred to as the "Site") contains residual petroleum and is an Underground Storage Tank (UST) incident under North Carolina's Statutes and Regulations, which consist of N.C.G.S. 143-215.94 and regulations adopted thereunder. This Notice is part of a remedial action for the Site that has been approved by the Secretary (or his/her delegate) of the North Carolina Department of Environment and Natural Resources (or its successor in function), as authorized by N.C.G.S. Section 143B-279.9 and 143B-279.11. The North Carolina Department of Environment and Natural Resources shall hereinafter be referred to as "DENR".

NOTICE

Petroleum product was released and/or discharged at the Site. **Petroleum constituents remain on the site, but are not a danger to public health and the environment, provided that the restrictions described herein, and any other measures required by DENR pursuant to N.C.G.S. Sections 143B-279.9 and 143B-279.11, are strictly complied with.** This "Notice of Residual Petroleum" is composed of a description of the property, the location of the residual petroleum and the land use restrictions on the Site. The Notice has been approved and notarized by DENR pursuant to N.C.G.S. Sections 143B-279.9 and 143B-279.11 and has/shall be recorded at the Wake County Register of Deeds' office Book ____, Page ____.

Any map or plat required by DENR has been/shall be recorded at the Wake County Register of Deeds' office Book ____, Page ____, and has been/shall be incorporated into the Notice by this reference.

Source Property

Kite Realty Peakway at 55, LLC of Indianapolis, Indiana, is the owner in fee simple of all or a portion of the Site, which is located in the County of Wake, State of North Carolina, and is known and legally described as:

Being portions of the lot or parcel as described by instruments recorded in Deed Book 12475 Pages 728-735

For protection of public health and the environment, the following land use restrictions required by N.C.G.S. Section 143B-279.9(b) shall apply to all of the above-described real property. These restrictions shall continue in effect as long as residual petroleum remains on the site in excess of unrestricted use standards and cannot be amended or cancelled unless and until the Wake County Register of Deed receives and records the written concurrence of the Secretary (or his/her delegate) of DENR (or its successor in function).

PERPETUAL LAND USE RESTRICTIONS

Groundwater: *Groundwater from the site is prohibited from use as a water supply. Water supply wells of any kind shall not be installed or operated on the site.*

ENFORCEMENT

The above land use restriction(s) shall be enforced by any owner, operator, or other party responsible for the Site. The above land use restriction(s) may also be enforced by DENR through any of the remedies provided by law or by means of a civil action, and may also be enforced by any unit of local government having jurisdiction over any part of the Site. Any attempt to cancel this Notice without the approval of DENR (or its successor in function) shall be subject to enforcement by DENR to the full extent of the law. Failure by any party required or authorized to enforce any of the above restriction(s) shall in no event be deemed a waiver of the right to do so thereafter as to the same violation or as to one occurring prior or subsequent thereto.

IN WITNESS WHEREOF, Kite Realty Peakway at 55, LLC has caused this Notice to be executed pursuant to N.C.G.S. Sections 143B-279.9 and 143B-279.11, this 23 day of December, 2008.

KITE REALTY PEAKWAY AT 55, LLC

By: _____
Thomas K. McGowan, Chief Operating Officer

Dec'd
ROS

STATE OF INDIANA

:SS

COUNTY OF MARION

I, Stacey D. Teeters, a Notary Public for said County and State, do hereby certify that Thomas K. McGowan personally came before me this day and acknowledged that he is the Chief Operating Officer of Kite Realty Peakway at 55, LLC, an Indiana limited liability company (the "Company"), and acknowledged, on behalf of the Company, the grantor the due execution of the foregoing instrument.

WITNESS my hand and official seal, this the 23rd day of December, 2008.

(Official Seal) _____
Notary Public (signature)

My commission expires April 14, 2012

STACEY D. TEETERS
Notary Public, State of Indiana
Madison County
My Commission Expires
April 14, 2012

Approved for the purposes of N.C.G.S. 143B-279.11

_____
(signature of Regional Supervisor)

MARK R. POWERS, Regional Supervisor
(printed name of Regional Supervisor)

RALEIGH Regional Office
UST Section
Division of Waste Management
Department of Environment and Natural Resources

NORTH CAROLINA
WAKE COUNTY

I certify that the following person(s) personally appeared before me this day, each acknowledging to me that he or she signed the foregoing document: MARK R. POWERS *(full printed name of Regional Supervisor)*

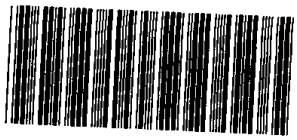
Date: 12/30/08

(Official Seal) KAREN N. MOORE NOTARY PUBLIC WAKE COUNTY, N.C.

_____
Notary Public

My commission expires: 4/16/2013

Revised September 28, 2007



BOOK:013687 PAGE:01393 - 01396

Yellow probate sheet is a vital part of your recorded document.
Please retain with original document and submit for rerecording.

Wake County Register of Deeds
Laura M. Riddick
Register of Deeds

This Customer Group
_____ # of Time Stamps Needed

This Document
_____ New Time Stamp GBJ
_____ # of Pages

22.004-1/20/06

Grant Burke

From: Johnson, LaTonya <latonya.johnson@deq.nc.gov>
Sent: Wednesday, January 22, 2025 4:16 PM
To: Grant Burke
Subject: DAQ Phase 1 [930 S Hughes St, Apex]

You don't often get email from latonya.johnson@deq.nc.gov. Learn why this is important

External Email

The Division of Air Quality's ArcGIS Facility Mapping Tool allows the public to search and find any facility permitted by the Division (excluding above-ground storage tanks). This includes any historical and present-day records on our facilities. Additional Air Quality files are available from Laserfiche. Please note that the Division would not have any records related to indoor air quality, asbestos or mold.

There are no records showing facility IDs, complaints, or above ground storage tanks with the associated address in the Division of Air Quality's database. PIOs from DEQ's other regulatory divisions will provide you with information about responsive records from their divisions separately.

Please let me know if I can be of further assistance.

LaTonya Johnson *(she/her/hers)*
Public Records Officer
North Carolina Department of Environmental Quality
latonya.johnson@deq.nc.gov

Email correspondence to and from this address is subject to the North Carolina Public Records Law and may be disclosed to third parties.

Email correspondence to and from this address may be subject to the North Carolina Public Records Law and may be disclosed to third parties by an authorized state official.

Grant Burke

From: Johnson, LaTonya <latonya.johnson@deq.nc.gov>
Sent: Wednesday, January 22, 2025 4:10 PM
To: Grant Burke
Subject: PRR 3688 [930 S Hughes St, Apex]

You don't often get email from latonya.johnson@deq.nc.gov. Learn why this is important

External Email

Hello Grant,

The Division of Waste Management has a great tool called the Site Locator Tool that allows the public to search and find any facility permitted by the Division. Most files associated with the facilities are also linked to the search results. The exception is underground storage tanks, which permits about 6,000 facilities and is in the process of converting paper records to electronic files. Feel free to access this system at: https://ncdenr.maps.arcgis.com/apps/webappviewer/index.html?id=7dd59be2750b40bebebfa49fc383f688.

I used the mapping tool and found some information on 930 S Hughes St, Apex:
https://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B[WM]:[Subdivision]=%22UST%22,[Program_ID]=%22*RA-5334*%22%7D&cr=1

https://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand={[WM]:[Subdivision]=%22UST%22,[Program_ID]=%22*RA-5335*%22}
Best regards,

LaTonya Johnson *(she/her/hers)*
Public Records Officer
North Carolina Department of Environmental Quality
latonya.johnson@deq.nc.gov

Email correspondence to and from this address is subject to the North Carolina Public Records Law and may be disclosed to third parties.

Email correspondence to and from this address may be subject to the North Carolina Public Records Law and may be disclosed to third parties by an authorized state official.

Grant Burke

From: Bethel, Leona <leona.bethel@deq.nc.gov>
Sent: Friday, January 24, 2025 9:08 AM
To: Grant Burke
Subject: Fw: [External] New DWR Public Record Request 3668

You don't often get email from leona.bethel@deq.nc.gov. Learn why this is important

External Email

Hi Grant,

I ran the address you provided through our Division of Water Resources (DWR) and our Energy, Mineral, and Land Resources (DEMLR) databases and was unable to locate requested information related to that site.

Other divisions may subsequently send information related to their programs.

Welcome to Laserfiche Weblink (nc.gov) is a tool that allows the public to search the Division of Water Resources Document Repository.

Also, feel free to use the Maps & Permit Data | NC DEQ and DWR Map Locator - Public (arcgis.com) to conduct your own search. Please let me know if you have any questions.

Thanks

Leona Bethel
Public Records Officer
North Carolina Department of Environmental Quality
Office: (919) 707-9052 |
leona.bethel@deq.nc.gov

NORTH CAROLINA
Department of Environmental Quality

Email correspondence to an
Carolina Public Records Lav

From: Smartsheet Automation <automation@app.smartsheet.com>
Sent: Wednesday, January 22, 2025 3:06 PM
To: Bethel, Leona <leona.bethel@deq.nc.gov>
Subject: [External] New DWR Public Record Request

CAUTION: External email. Do not click links or open attachments unless verified. Report suspicious emails with the Report Message button located on your Outlook menu bar on the Home tab.

New DWR Public Record Request

Your division has received a new public record request. Please enter the Request ID listed below into the Water Resources TRACKER sheet:
https://app.smartsheet.com/sheets/P8x9Vhm5M53GHV456V2xvhcjV7vCCRPVGjWpmMF1

New DWR Public Record Request

Your division has received a new public record request. Please enter the Request ID listed below into the Water Resources TRACKER sheet:
https://app.smartsheet.com/sheets/P8x9Vhm5M53GHV456V2xvhcjV7vCCRPVGjWpmMF1


PRR Intake MASTER FORM

Details

Changes since 1/22/25, 12:06 PM

1 row added

---

1 row added or updated (shown in yellow)

Row 3668

Request ID	3668
Name	Grant Edward Burke
Email	gburke@kleinfelder.com
Submit Date	
Phone Number	6785514184
Your Organization	Kleinfelder
Division	All Divisions
Division (Other)	
Request Category	Phase 1

Request Description	Good afternoon, We are conducting an environmental assessment for an approximately 12.43-acre tract of land located at parcel numbers: 0741458832 & 0741465131; the property currently is located at 930 S Hughes St, Apex, NC 27502. We are seeking information regarding building permits, groundwater use permits, USTs, ASTs, hazardous material use, fires, spills, and/or any other environmental impacts that you may have on file for this site or vicinity of this site. If you do have any information regarding these environmental concerns, please let me know through this email. Thank you, Grant Burke
Email Date Start	
Email Date End	
Emails from (Name or Group)	
Keywords to Search	
Permit Number	
Document Site Name	
Document Site Address	

Phase 1 Site Name	Kleinfelder
Phase 1 Site Address	1200 Abernathy Road NE Suite 400 Atlanta, GA 30328

Changes made by web-form@smartsheet.com

You are receiving this email because you are subscribed to a workflow "Copy to Water Resources" (ID# 7039305806833540) on sheet PRR Intake MASTER FORM
Exclude your changes from all notifications | Unsubscribe
Powered by Smartsheet Inc. | Privacy Policy | Report Abuse/Spam

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Email correspondence to and from this address may be subject to the North Carolina Public Records Law and may be disclosed to third parties by an authorized state official.

Pipeline and Hazardous Materials Safety Administration

NATIONAL PIPELINE MAPPING SYSTEM

Legend

- Gas Transmission Pipelines
- Hazardous Liquid Pipelines

500 m
1000 ft

Pipelines depicted on this map represent gas transmission and hazardous liquid lines only. Gas gathering and gas distribution systems are not represented.

This map should never be used as a substitute for contacting a one-call center prior to excavation activities. Please call 811 before any digging occurs.

Questions regarding this map or its contents can be directed to npms@dot.gov.

Projection: Geographic

Datum: NAD83

Map produced by the Public Viewer application at www.npms.phmsa.dot.gov

World Imagery map service data is attributed to Esri, Maxar, Earthstar Geographics, and the GIS User Community.

Date Printed: Jan 28, 2025

811 Know what's below. Call before you dig.

North Carolina Department of Environment and Natural Resources

Michael F. Easley, Governor
William G. Ross Jr., Secretary

Division of Waste Management
Underground Storage Tank Section

Dexter R. Matthews, Director

December 31, 2008

Ms. Mildred Rigsbee
900 S. Hughes Street
Apex, NC 27502

Re: Notice of No Further Action
15A NCAC 2L .0407(d)
Risk-based Assessment and Corrective Action
for Petroleum Underground Storage Tanks

Rigsbee Properties
832 & 900 S. Hughes Street
Apex, Wake County
Incident Number: 26879 & 26880
Risk Classification: Low
Ranking: L0R

Dear Ms. Rigsbee:

The Soil Cleanup Report/ Site Closure Request received by the Underground Storage Tank (UST) Section, Raleigh Regional Office on October 23, 2008 and the Notice of Residual Petroleum received on December 29, 2008 have been reviewed. The review indicates that groundwater contamination meets the cleanup requirements for a low-risk site but exceeds the groundwater quality standards established in Title 15A NCAC 2L .0202.

The UST Section determines that no further action is warranted for this incident. This determination shall apply unless the UST Section later finds that the discharge or release poses an unacceptable risk or a potentially unacceptable risk to human health or the environment. Pursuant to Title 15A NCAC 2L .0407(a) you have a continuing obligation to notify the Department of any changes that might affect the risk or land use classifications that have been assigned.

Be advised that as groundwater contamination exceeds the groundwater quality standards established in Title 15A NCAC 2L .0202, groundwater within the area of contamination or within the area where groundwater contamination is expected to migrate is not suitable for use as a water supply.

As groundwater contamination exceeds the groundwater quality standards established in Title 15A NCAC 2L .0202, pursuant to NCGS 143B-279.9 and 143B-279.11, you must file the approved Notice of Residual Petroleum (attached) with the Register of Deeds in the county in which the release is located and submit a certified copy to the UST Section within 30 days of receipt of this letter. This No Further Action determination will not become valid until the UST Section receives a certified copy of the Notice of Residual Petroleum which is filed with the Register of Deeds.

As groundwater contamination exceeds the groundwater quality standards established in Title 15A NCAC 2L .0202, public notice in accordance with 15A NCAC 2L .0409(b) also is required. Thus, within 30 days of receipt of this letter, a copy of the letter must be provided by certified mail, or by posting in a prominent place, if certified mail is impractical, to the local health director, the chief administrative officer of each political jurisdiction in which the contamination occurs, all property owners and occupants within or contiguous to the area containing contamination, and all property owners and occupants within or contiguous to the area where the contamination is expected to migrate. Within 60 days of receiving this no further action letter, this office must be provided with proof of receipt of the copy of the letter or of refusal by the addressee to accept delivery of the copy of the letter or with a description of the manner in which the letter was posted. This No Further Action determination will not become valid until public notice requirements are completed. Interested parties may examine the Soil Cleanup Report/ Site Closure Request by contacting this regional office and may submit comments on the site to the regional office at the address or telephone number listed below.

This No Further Action determination applies only to the subject incidents; for any other incidents at the subject site, the responsible party must continue to address contamination as required.

If you have any questions regarding this notice, please contact me at the address or telephone number listed below.

Sincerely,

Mark R. Powers
Regional Supervisor
Raleigh Regional Office

Attachments: Notice of Residual Petroleum
cc: Greg Bright, Wake County Health Department
Kite Realty, 30 S. Meridian Street, Suite 1100, Indianapolis, IN 46204
SITECH, Simon List, 9000 Breeland Way, Raleigh, NC 27613
RRO Incident File/SMJ

UST Regional Offices

Asheville (ARO) – 2090 US Highway 70, Swannanoa, NC 28778 **(828) 296-4500**

Fayetteville (FAY) – 225 Green Street, Suite 714, Systel Building, Fayetteville, NC 28301 **(910) 433-3300**

Mooresville (MOR) – 610 East Center Avenue, Suite 301, Mooresville, NC 28115 **(704) 663-1699**

Raleigh (RRO) – 1628 Mail Service Center, Raleigh, NC 27699 **(919) 791-4200**

Washington (WAS) – 943 Washington Square Mall, Washington, NC 27889 **(252) 946-6481**

Wilmington (WIL) – 127 Cardinal Drive Extension, Wilmington, NC 28405 **(910) 796-7215**

Winston-Salem (WS) – 585 Waughtown Street, Winston-Salem, NC 27107 **(336) 771-5000**

Guilford County Environmental Health, 1203 Maple Street, Greensboro, NC 27405, **(336) 641-3771**
FTP: NFA low-NRP NOR0907.dot

BK013687 G.01393

WAKE COUNTY, NC 308
LAURA M RIDDICK
REGISTER OF DEEDS
PRESENTED & RECORDED ON
09/02/2009 AT 15:38:00

BOOK:013687 PAGE:01393 - 01396

NOTICE OF RESIDUAL PETROLEUM

Kite Realty Peakway at 55, LLC property, 900 S. Hughes Street, Cary, Wake County, North Carolina
(Site name) RETURN TO; KITE REALTY PEAKWAY AT 55, LLC 30 S. MERIDIAN, SUITE 1100 INDIANAPOLIS, IN 46204

The property that is the subject of this Notice (hereinafter referred to as the "Site") contains residual petroleum and is an Underground Storage Tank (UST) incident under North Carolina's Statutes and Regulations, which consist of N.C.G.S. 143-215.94 and regulations adopted thereunder. This Notice is part of a remedial action for the Site that has been approved by the Secretary (or his/her delegate) of the North Carolina Department of Environment and Natural Resources (or its successor in function), as authorized by N.C.G.S. Section 143B-279.9 and 143B-279.11. The North Carolina Department of Environment and Natural Resources shall hereinafter be referred to as "DENR".

NOTICE

Petroleum product was released and/or discharged at the Site. **Petroleum constituents remain on the site, but are not a danger to public health and the environment, provided that the restrictions described herein, and any other measures required by DENR pursuant to N.C.G.S. Sections 143B-279.9 and 143B-279.11, are strictly complied with.** This "Notice of Residual Petroleum" is composed of a description of the property, the location of the residual petroleum and the land use restrictions on the Site. The Notice has been approved and notarized by DENR pursuant to N.C.G.S. Sections 143B-279.9 and 143B-279.11 and has/shall be recorded at the Wake County Register of Deeds' office Book ____, Page ____.

Any map or plat required by DENR has been/shall be recorded at the Wake County Register of Deeds' office Book ____, Page ____, and has been/shall be incorporated into the Notice by this reference.

Source Property

Kite Realty Peakway at 55, LLC of Indianapolis, Indiana, is the owner in fee simple of all or a portion of the Site, which is located in the County of Wake, State of North Carolina, and is known and legally described as:

BK013687PG01394

Being portions of the lot or parcel as described by instruments recorded in Deed Book 12475 Pages 728-735

For protection of public health and the environment, the following land use restrictions required by N.C.G.S. Section 143B-279.9(b) shall apply to all of the above-described real property. These restrictions shall continue in effect as long as residual petroleum remains on the site in excess of unrestricted use standards and cannot be amended or cancelled unless and until the Wake County Register of Deed receives and records the written concurrence of the Secretary (or his/her delegate) of DENR (or its successor in function).

PERPETUAL LAND USE RESTRICTIONS

Groundwater: *Groundwater from the site is prohibited from use as a water supply. Water supply wells of any kind shall not be installed or operated on the site.*

ENFORCEMENT

The above land use restriction(s) shall be enforced by any owner, operator, or other party responsible for the Site. The above land use restriction(s) may also be enforced by DENR through any of the remedies provided by law or by means of a civil action, and may also be enforced by any unit of local government having jurisdiction over any part of the Site. Any attempt to cancel this Notice without the approval of DENR (or its successor in function) shall be subject to enforcement by DENR to the full extent of the law. Failure by any party required or authorized to enforce any of the above restriction(s) shall in no event be deemed a waiver of the right to do so thereafter as to the same violation or as to one occurring prior or subsequent thereto.

BK013687PG01395

IN WITNESS WHEREOF, Kite Realty Peakway at 55, LLC has caused this Notice to be executed pursuant to N.C.G.S. Sections 143B-279.9 and 143B-279.11, this 23 day of December, 2008.

KITE REALTY PEAKWAY AT 55, LLC

By: _____
Thomas K. McGowan, Chief Operating Officer

DCG by ROS

STATE OF INDIANA

:SS

COUNTY OF MARION

I, Stacey D. Teeters, a Notary Public for said County and State, do hereby certify that Thomas K. McGowan personally came before me this day and acknowledged that he is the Chief Operating Officer of Kite Realty Peakway at 55, LLC, an Indiana limited liability company (the "Company"), and acknowledged, on behalf of the Company, the grantor the due execution of the foregoing instrument.

WITNESS my hand and official seal, this the 23rd day of December, 2008.

(Official Seal)

Stacey D. Teeters
Notary Public (signature)

My commission expires April 14, 2012

STACEY D. TEETERS
Notary Public, State of Indiana
Madison County
My Commission Expires
April 14, 2012

Approved for the purposes of N.C.G.S. 143B-279.11

Mark R. Powers
(signature of Regional Supervisor)

MARK R. POWERS, Regional Supervisor
(printed name of Regional Supervisor)

RALEIGH Regional Office
UST Section
Division of Waste Management
Department of Environment and Natural Resources

NORTH CAROLINA
WAKE COUNTY

I certify that the following person(s) personally appeared before me this day, each acknowledging to me that he or she signed the foregoing document: MARK K POWERS *(full printed name of Regional Supervisor)*

Date: 12/30/08

KAREN N. MOORE NOTARY PUBLIC WAKE COUNTY, N.C.

(Official Seal)

Karen N. Moore
Notary Public

My commission expires: 7/16/2013

Revised September 28, 2007

KITE
REALTY GROUP

September 4, 2009

NCDENR
Division of Waste Management, Underground Storage Tank Section
Attention: Mr. Scott Johnston
1628 Mail Service Center
Raleigh, NC 27699
(919) 791-4200

RE: Notice of Soil Contamination and Remediation
832 & 900 South Hughes Street, Apex, NC 26879
26880

Mr. Johnston:

We will be selling a portion of the above referenced property in the near future. We have maintained ownership of both properties since the documentation was completed for the soil cleanup.

In our due diligence for selling the property, we discovered the original executed Notices of Residual Petroleum were not recorded within the 30 day requirement. This was due to some staff changes during the time these were executed. As soon as the mistake was discovered, we immediately had them recorded. Please find them enclosed.

Again, I apologize for the oversight and hopefully by having these recorded, we have fulfilled the obligations required for the no further action letter. If we need to provide any additional documentation, please do not hesitate to contact me at (317) 460-0318 or by email at dgeorge@kiterealty.com.

Sincerely,

David C. George

David C. George
Senior Project Manager
Pre-Development Services
Kite Realty Group

Cc: Simon List, Sitech Consulting, P.C.

RECEIVED
SEP - 8 2009
DENR RALEIGH REGIONAL

BK013687PG01389

WAKE COUNTY, NC 307
LAURA M RIDDICK
REGISTER OF DEEDS
PRESENTED & RECORDED ON
09/02/2009 AT 15:38:00

BOOK:013687 PAGE:01389 - 01392

NOTICE OF RESIDUAL PETROLEUM

Kite Realty Peakway at 55, LLC property, 832 S. Hughes Street, Cary, Wake County, North Carolina
(Site name) RETURN TO: KITE REALTY PEAKWAY AT 55, LLC 30 S. MERIDIAN, SUITE 1100 INDIANAPOLIS, INDIANA 46204

The property that is the subject of this Notice (hereinafter referred to as the "Site") contains residual petroleum and is an Underground Storage Tank (UST) incident under North Carolina's Statutes and Regulations, which consist of N.C.G.S. 143-215.94 and regulations adopted thereunder. This Notice is part of a remedial action for the Site that has been approved by the Secretary (or his/her delegate) of the North Carolina Department of Environment and Natural Resources (or its successor in function), as authorized by N.C.G.S. Section 143B-279.9 and 143B-279.11. The North Carolina Department of Environment and Natural Resources shall hereinafter be referred to as "DENR".

NOTICE

Petroleum product was released and/or discharged at the Site. **Petroleum constituents remain on the site, but are not a danger to public health and the environment, provided that the restrictions described herein, and any other measures required by DENR pursuant to N.C.G.S. Sections 143B-279.9 and 143B-279.11, are strictly complied with.** This "Notice of Residual Petroleum" is composed of a description of the property, the location of the residual petroleum and the land use restrictions on the Site. The Notice has been approved and notarized by DENR pursuant to N.C.G.S. Sections 143B-279.9 and 143B-279.11 and has/shall be recorded at the Wake County Register of Deeds' office Book ____, Page ____.

Any map or plat required by DENR has been/shall be recorded at the Wake County Register of Deeds' office Book ____, Page ____, and has been/shall be incorporated into the Notice by this reference.

Source Property

Kite Realty Peakway at 55, LLC of Indianapolis, Indiana, is the owner in fee simple of all or a portion of the Site, which is located in the County of Wake, State of North Carolina, and is known and legally described as:

BK013687PG01390

Being portions of the lot or parcel as described by instruments recorded in Deed Book 12475 Pages 740-743

For protection of public health and the environment, the following land use restrictions required by N.C.G.S. Section 143B-279.9(b) shall apply to all of the above-described real property. These restrictions shall continue in effect as long as residual petroleum remains on the site in excess of unrestricted use standards and cannot be amended or cancelled unless and until the Wake County Register of Deed receives and records the written concurrence of the Secretary (or his/her delegate) of DENR (or its successor in function).

PERPETUAL LAND USE RESTRICTIONS

Groundwater: *Groundwater from the site is prohibited from use as a water supply. Water supply wells of any kind shall not be installed or operated on the site.*

ENFORCEMENT

The above land use restriction(s) shall be enforced by any owner, operator, or other party responsible for the Site. The above land use restriction(s) may also be enforced by DENR through any of the remedies provided by law or by means of a civil action, and may also be enforced by any unit of local government having jurisdiction over any part of the Site. Any attempt to cancel this Notice without the approval of DENR (or its successor in function) shall be subject to enforcement by DENR to the full extent of the law. Failure by any party required or authorized to enforce any of the above restriction(s) shall in no event be deemed a waiver of the right to do so thereafter as to the same violation or as to one occurring prior or subsequent thereto.

BK013687PG01391

IN WITNESS WHEREOF, Kite Realty Peakway at 55, LLC has caused this Notice to be executed pursuant to N.C.G.S. Sections 143B-279.9 and 143B-279.11, this 23 day of December, 2008

KITE REALTY PEAKWAY AT 55, LLC

By: _____
Thomas K. McGowan, Chief Operating Officer

STATE OF INDIANA

:SS

COUNTY OF MARION

Stacey D Teeters, a Notary Public for said County and State, do hereby certify that Thomas K McGowan personally came before me this day and acknowledged that he is the Chief Operating Officer of Kite Realty Peakway at 55, LLC, an Indiana limited liability company (the "Company"), and acknowledged, on behalf of the Company, the grantor the due execution of the foregoing instrument.

WITNESS my hand and official seal, this the 23rd day of December, 2008

(Official Seal)

Stacey D. Teeters
Notary Public (signature)

My commission expires April 14, 2012.

STACEY D. TEETERS
Notary Public, State of Indiana
Madison County
My Commission Expires
April 14, 2012

Approved for the purposes of N.C.G.S. 143B-279.11

Mark R. Powers
(signature of Regional Supervisor)
MARK R. POWERS, Regional Supervisor
(printed name of Regional Supervisor)

RALEIGH Regional Office
UST Section
Division of Waste Management
Department of Environment and Natural Resources

NORTH CAROLINA
WAKE COUNTY

I certify that the following person(s) personally appeared before me this day, each acknowledging to me that he or she signed the foregoing document: Mark Rivers *(full printed name of Regional Supervisor)*

Date: 12/30/08

KAREN N. MOORE
Notary Public

(Official Seal)

KAREN N. MOORE NOTARY PUBLIC WAKE COUNTY, N.C.

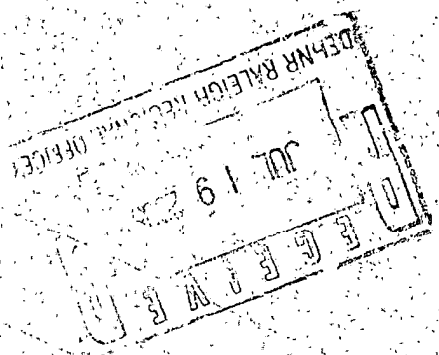
My commission expires: 2/16/2013

Revised September 28, 2007

Rigsbee Property (Mildred)

Mickey

EAST COAST
Environmental, P.A.



July 15, 2005

Mr. Bob Davies
NCDENR-RRO
UST Section
1628 Mail Service Center
Raleigh, NC 27699-1628

Re: Initial Abatement Measures Report prepared in Response to the Removal and Cleanup of Two Noncommercial UST Systems at:
832 S. Hughes Street, and
900 S. Hughes Street
Apex, Wake County, North Carolina
NCDENR-Incident # Not Assigned

Dear Bob,

This correspondence is to present one copy of ECE's report entitled "Initial Abatement Measures Report" for the above referenced project sites. Upon completion of these reports it is likely that you will require the completion of Phase I Limited Site Assessments for both sites.

We appreciate the opportunity to be of service in the completion of these projects. Should you have any questions, comments, or require additional information, please feel free to contact me at your earliest opportunity.

Cordially,
East Coast Environmental, P.A.

Tom Will
Project Manager

3709 Junction Blvd., Raleigh, NC 27603 (919) 772-0268 Fax (919) 772-0468

EAST COAST
Environmental, P.A.

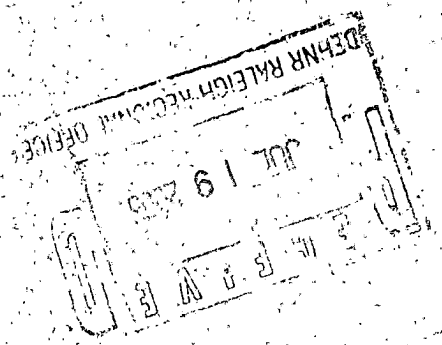
INITIAL ABATEMENT MEASURES REPORT (20-DAY REPORT) PREPARED IN RESPONSE TO A LEAKING UNDERGROUND STORAGE TANK FORMERLY LOCATED AT 832 S. HUGHES STREET RALEIGH, WAKE COUNTY, NORTH CAROLINA GROUNDWATER INCIDENT NUMBER: NOT ASSIGNED

July 16, 2005

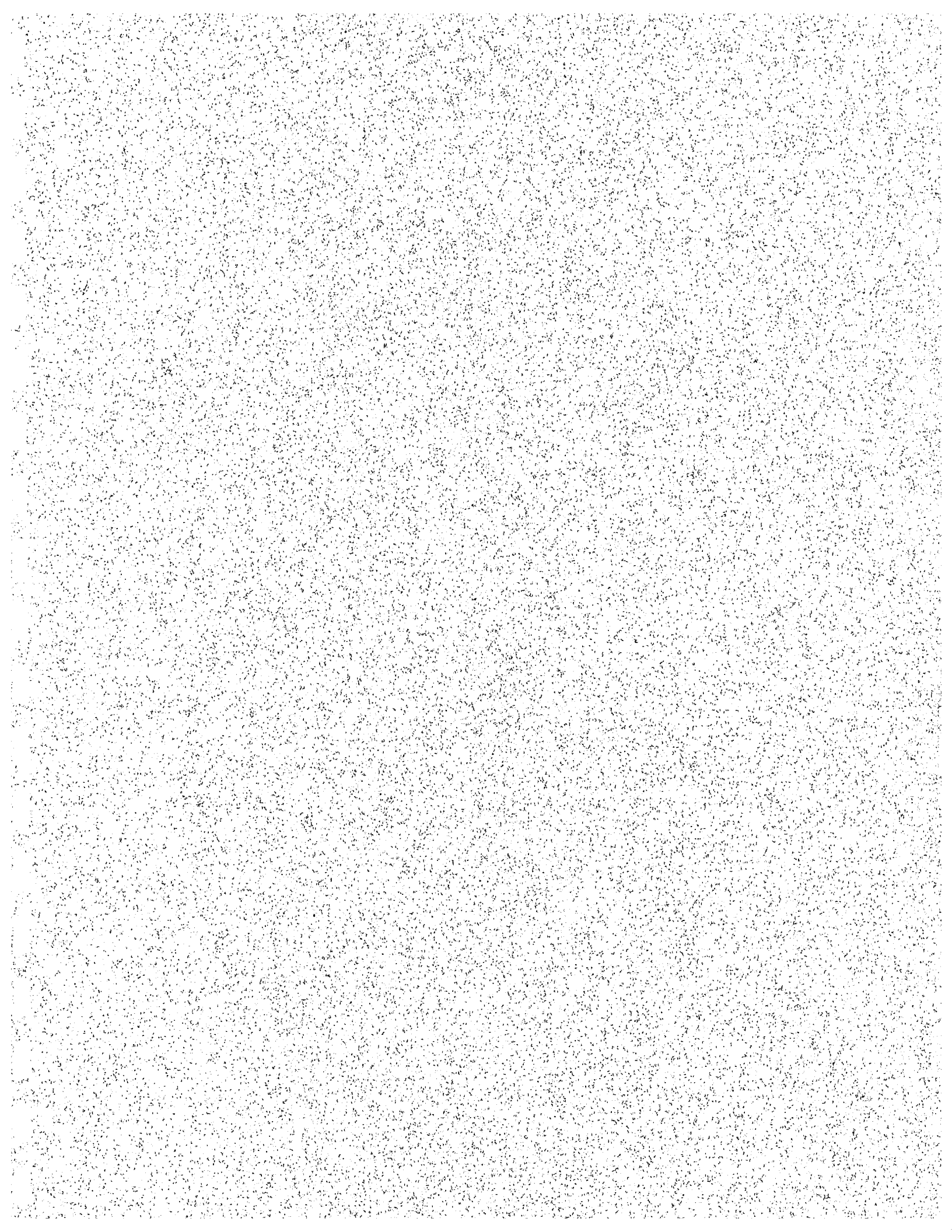
Responsible Party:
Mildred Rigsbee
900 S. Hughes Street
Apex, North Carolina 27502
(919) 362-6278

Current Property Owner:
Mildred Rigsbee
900 S. Hughes Street
Apex, North Carolina 27502
(919) 362-6278

Consultant:
East Coast Environmental, P.A.
3709 Junction Blvd.
Raleigh, North Carolina 27603
(919) 772-0268



Release Discovery Date: June 17, 2005
Cause of Release: Leaking Home Heating Oil UST System
UST Size and Contents: (1) 560-Gallon Heating Oil UST
Latitude: 35° 43.029, Longitude: 78° 50.914
35° 43' 1.74" 78° 50' 54.84"
35.717150 78.848567



Initial Abatement Measures Report (20-day Report)

A. Site Identification

DATE OF REPORT: July 16, 2005
Facility I.D.: N/A UST Incident Number (if known): Unknown
Site Name: 832 S. Hughes Street
Site Location: 832 S. Hughes Street
Nearest City/Town: Apex County: Wake

UST Owner: Mildred Rigsbee
Address: 900 S. Hughes Street, Apex, NC 27502 Phone: (919) 362-6278

UST Operator: Mildred Rigsbee
Address: 900 S. Hughes Street, Apex, NC 27502 Phone: (919) 362-6278

Property Owner: Mildred Rigsbee
Address: 900 S. Hughes Street, Raleigh, NC 27502 Phone: (919) 362-6278

Property Occupants: Edward Rigsbee
Address: 832 S. Hughes Street, Apex, NC 27502 Phone: (919) 818-1885

Consultant/Contractor: East Coast Environmental, P.A.
Address: 3709 Junction Blvd., Raleigh, NC 27603 Phone: (919) 772-0268

Release Information
Date Discovered: June 17, 2005
Latitude: 35° 43.029 **Longitude**: 78° 50.914
Estimated Quantity of Release: unknown
Cause of Release: Leaking UST
Source of Release (e.g., Piping/UST): 560-gallon UST
Sizes and contents of UST system(s) from which the release occurred: (1) 560-gallon heating oil UST

I, Thomas R. Will a Licensed Geologist for East Coast Environmental, P.A. do certify that the information contained in this report is correct and accurate to the best of my knowledge.

(Please Affix Seal and Signature)

NORTH CAROLINA LICENSED SEAL 1164 GEOLOGIST THOMAS ROBERT WILL

Site History

The subject property, (hereinafter referred to as the "Site") is located at 832 S. Hughes Street, Apex, Wake County, North Carolina (See **Section A, Figure 1** for Site location). The Site currently contains a single family home.

The subject Underground Storage Tank (UST) was 560-gallons in capacity and installed in order to store heating oil for use as fuel for the home heating system. See **Section A, Figure 2** for former location of UST in relation to the Site. The release was discovered during UST removal activities completed on June 1, 2005 when a soil sample collected from underneath the UST (herein after referred to as T-1) was subsequently analyzed for Total Petroleum Hydrocarbons (TPH) by EPA Method 3350 and found to contain high boiling point TPH at a level of 7,800 mg/kg. After removal, the subject UST was inspected for signs of structural failure. It was found to be in poor condition with numerous holes across the bottom.

In response, Creekside Land Development of Zebulon, NC mobilized to the Site on June 17, 2005 in order to excavate and dispose of approximately 51.8 tons of petroleum contaminated soil from around the former UST area. The final limits of this excavation measured approximately 12-feet in length by 10-feet in width by 9-feet in depth. See **Section A, Figure 2** for approximate final dimensions of petroleum contaminated soils excavation in relation to the Site.

At the conclusion of UST and petroleum contaminated soil removal activities, a series of soil samples were reportedly collected from the final limits of the excavations; the analytical results of which are discussed below.

The remaining sections of this report have been compiled to achieve compliance with 15A NCAC 2N .0703

15A NCAC 2N .0703 Initial Abatement Measures and Site Check

(1) Remove as much of the regulated substance from the UST system as is necessary to prevent further release to the environment.

The subject UST was closed by removal on June 1, 2005. All liquids had been removed from the tank by Creekside prior to beginning excavation removal activities. See **Section A, Figure 2** for former UST location.

(2) Visually inspect any aboveground releases or exposed below ground releases and prevent further migration of the released substance into surrounding soils and groundwater.

By removing the primary contaminant sources (the UST and its liquid contents), further migration of the released oil into the underlying soils was accomplished. Noticeably contaminated soils were observed in the excavation formed after removal of the tank. In order to address a secondary source of potential groundwater contamination, approximately 51.8-tons of petroleum contaminated soils were removed from the sides and bottom of the excavation as a part of UST closure activities. The soils were transported to Soilworks of Zebulon, NC for treatment and disposal. See **Section B** for soils waste manifests as issued by Soilworks of Zebulon, NC.

(3) Continue to monitor and mitigate any additional fire and safety hazards posed by vapors or free product that have migrated from UST excavation zone and entered into subsurface structures.

No subsurface structures were noted in close proximity to the former UST area.

(4) Remedy hazards posed by contaminated soils that are excavated or exposed as a result of release confirmation, site investigation, abatement or corrective action activities. If these remedies include treatment or disposal of soils, the owner and operator must comply with applicable state and local requirements.

Approximately 51.8 tons of petroleum contaminated soils were removed as part of the UST closure and soil excavation activities completed during June 17, 2005 and loaded onto trucks for transport to Soilworks of Zebulon for treatment and disposal. See **Section B** for soils waste manifests as issued by Soilworks.

(5) Measure for the presence of a release where contamination is most likely to be present at the UST site.

At the conclusion of petroleum contaminated soil removal activities, ECE collected a series of five soil samples (one each from the four sidewalls and one from the excavation bottom) for laboratory analysis by EPA Methods 8260 and 8270 and the Massachusetts Department of Environmental Protection (MADEP) Volatile Petroleum Hydrocarbons (VPH) and Extractable Petroleum Hydrocarbon (EPH) analyses. The sidewall samples were collected at a depth of approximately 6-feet below land surface while the bottom sample was collected from approximately 10-feet below land surface. The sample locations are indicated in **Figure 2**.

Soil Sample Results

The analytical results for EPA Method 8260 indicated the presence of numerous targeted parameters at levels in excess of their Soil to Groundwater Maximum Soil Contaminant Concentrations as set forth in the *"Guidelines for Assessment and Corrective Action"* prepared by the North Carolina Underground Storage Tank Section effective July 1, 2001 *(The Guidelines)* in all five soil samples collected from the side and bottom limits of the excavation. However, none of the detected contaminants were at levels in excess of their Residential Maximum Soil Contaminant Concentrations as set forth in *The Guidelines*.

The analytical results for the EPA Method 8270 test also indicated the presence of numerous targeted parameters at levels in excess of their Soil to Groundwater Maximum Soil Contaminant Concentrations as set forth in *The Guidelines* in all five soil samples collected from the side and bottom limits of the excavation. Of these, only 2-methylnaphthalene was detected in the bottom sample at a level (78 mg/kg) in excess of its Residential Maximum Soil Contaminant Concentration of 63 mg/kg as set forth in *The Guidelines*.

Finally, the analytical results for the MADEP VPH/EPH detected the presence of C5-C8 aliphatic, C9-C18 aliphatics, C19-C36 aliphatics and C9-C22 aromatics in one or more of the five samples collected from the limits of the excavation for laboratory analysis. C9-C22 aromatics were also found in samples Side 1, Side 2, Side 3 and the bottom sample at levels (2,151, 520, 595 and 2,100 mg/kg, respectively) in excess of their Residential Maximum Soil Contaminant Concentration of 469 mg/kg as set forth in *The Guidelines*.

Table 1 in Section B is a summary of the contaminants detected by these methods while the laboratory analytical reports are attached in **Section C**.

(6) Investigate to determine the possible presence of free product, and begin free product removal as soon as practical.

While no monitoring well has been installed to date in order to check for the presence of free product the fact that no free product was observed in the petroleum contaminated soil excavation is an indication that no free phase product exists in the subsurface of the Site. However, it is likely that the NCDENR will require that a Phase I Limited Site Assessment be prepared and additional free product investigative activities will be completed at that time.

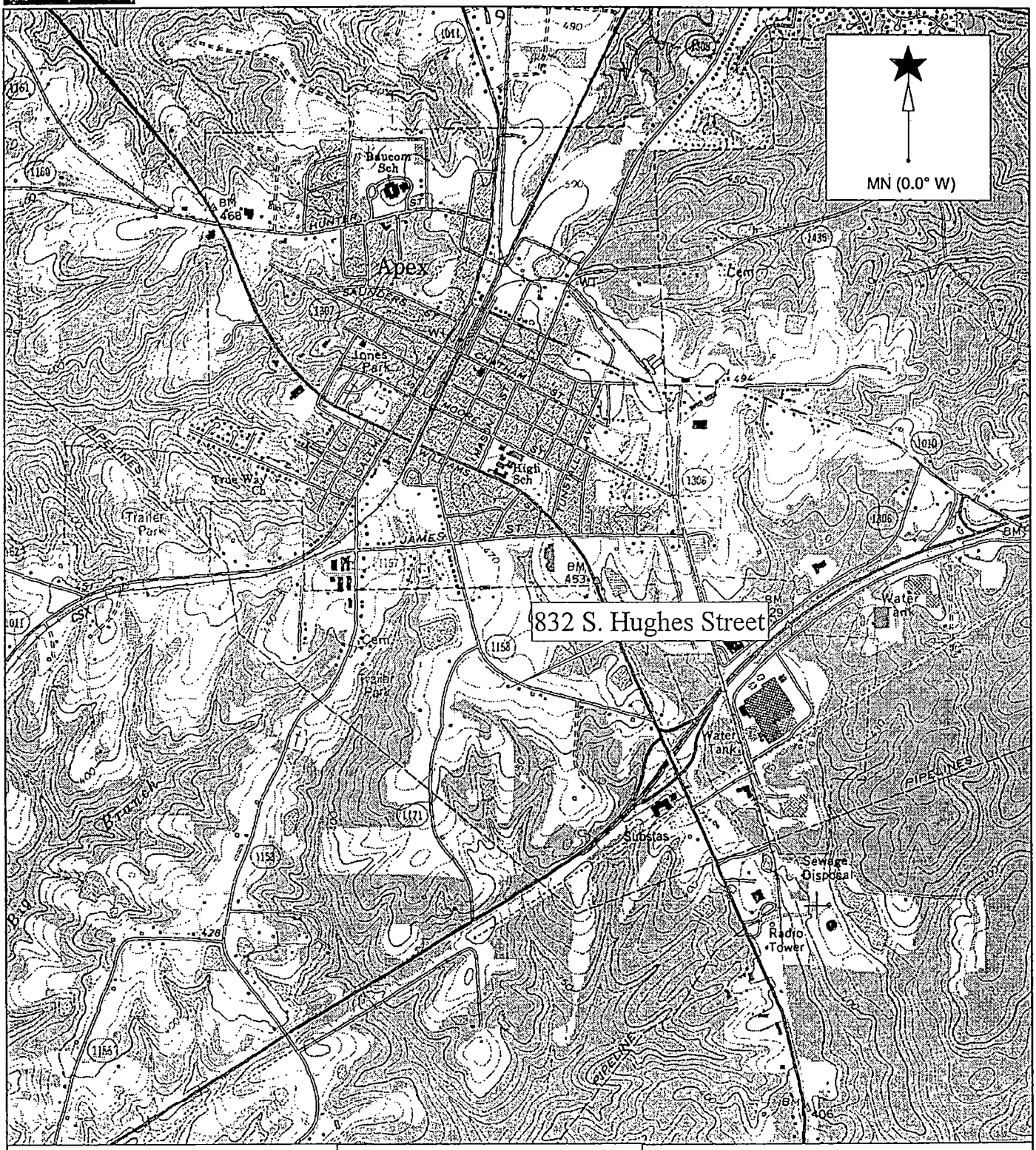
e\ece\projects\SHughes\832SHughes20dayreport.doc

SECTION A

FIGURES

DELORME

XMap® 4.5

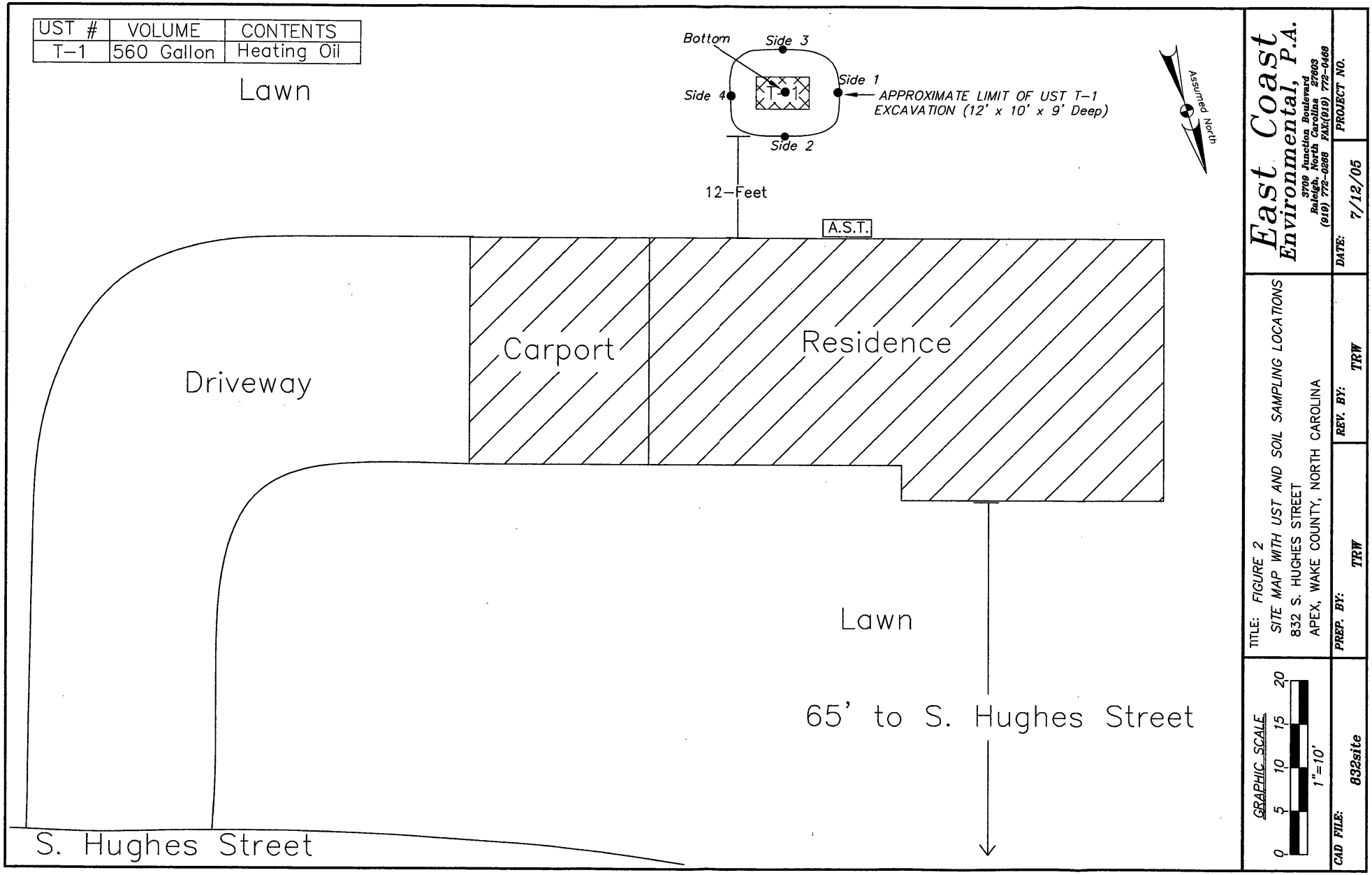


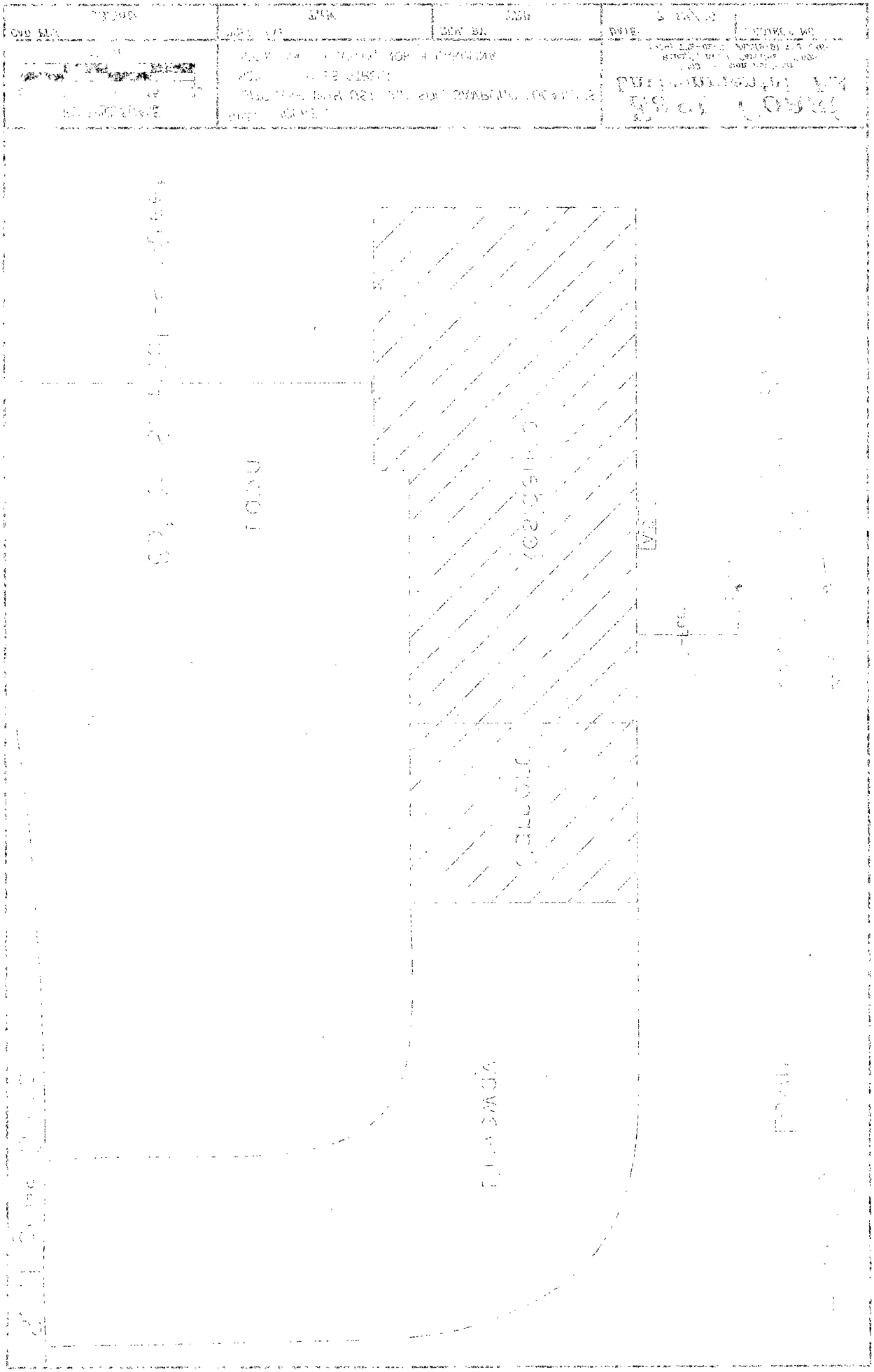
East Coast Environmental, P.A.	Figure 1 Site Location Map	832 S. Hughes Street Apex, North Carolina

Data use subject to license.
© 2004 DeLorme. XMap® 4.5.
www.delorme.com

Scale 1 : 25,000

1" = 2,083.3 ft Data Zoom 13-0


UST # | VOLUME | CONTENTS
T-1 | 560 Gallon | Heating Oil
Lawn
Bottom
Side 3
Side 1
Side 4
T-1
Side 2
APPROXIMATE LIMIT OF UST T-1
EXCAVATION (12' x 10' x 9' Deep)
Assumed North
12-Feet
A.S.T.
Carport
Residence
Driveway
Lawn
65' to S. Hughes Street
S. Hughes Street
East Coast Environmental, P.A.
3709 Junction Boulevard
Raleigh, North Carolina 27603
(919) 772-0288 FAX(919) 772-0468
TITLE: FIGURE 2
SITE MAP WITH UST AND SOIL SAMPLING LOCATIONS
832 S. HUGHES STREET
APEX, WAKE COUNTY, NORTH CAROLINA
GRAPHIC SCALE
0 5 10 15 20
1"=10'
PREP. BY: TRW
REV. BY: TRW
DATE: 7/12/05
PROJECT NO.
CAD FILE: 832site



SECTION B

TABLES AND SOIL DISPOSAL MANIFESTS

Table 1
Summary of Analytical Data – Soil
EPA Method 8260
832 S. Hughes Street
Apex, NC

Analytical Method >			8260	8260	8260	8260	8260	8260	8260	8260	8260	8260	8260	8260
Sample ID	Contaminant of Concern >		Chloromethane	Bromomethane	Ethylbenzene	Isopropylbenzene	P-isopropyltoluene	Naphthalene	N-propylbenzene	Toluene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Total Xylenes	Sec butyl benzene	N-butyl benzene
	Date Collected m/dd/yy	Sample Depth (ft)													
Side 1	6/17/05	5' – 6'	**0.730**	**0.800**	**0.940**	0.740	**3.00**	**5.800**	1.400	BQL	5.800	2.000	4.700	**1.500**	1.900
Side 2	6/17/05	5' – 6'	**0.500**	**0.830**	**3.800**	**2.300**	**8.200**	**12.00D**	**4.400**	BQL	**10.00D**	6.200	**18.000**	**4.000**	**6.100**
Side 3	6/17/05	5' – 6'	BQL	BQL	BQL	0.0064	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
Side 4	6/17/05	5' – 6'	**2.600**	**2.100**	BQL	BQL	BQL	0.570	BQL	BQL	BQL	BQL	BQL	BQL	BQL
Bottom	6/17/05	9' – 10'	**2.500**	BQL	**5.300**	**2.700**	**8.600**	**34.000**	**5.500**	3.700	**28.000**	7.800	**27.000**	**4.100**	**5.400**
Soil to Groundwater MSCC			**0.02**	**NRS**	**0.24**	**2**	**NRS**	**0.58**	**2**	**7**	**8**	**8**	**5**	**0.92**	**4**
Residential MSCC			**49**	**NRS**	**1,560**	**1,564**	**NRS**	**63**	**156**	**3,200**	**782**	**782**	**32,000**	**156**	**156**
Industrial/Commercial MSCC			**440**	**NRS**	**40,000**	**40,880**	**NRS**	**1,635**	**4,088**	**82,000**	**20,440**	**20,440**	**200,000**	**4,088**	**4,088**

Results are in mg/kg
Bold results indicate exceedence of Soil to Groundwater MSCC
Bold and shaded results indicate exceedence of Residential MSCC

Table 1 (Continued)
Summary of Analytical Data – Soil
EPA 8270
832 S. Hughes Street
Apex, North Carolina

Analytical Method >			8270	8270	8270	8270	8270	8270	8270	8270	8270	8270	8270
Sample ID	Contaminant of Concern >		Naphthalene	2-Methylnaphthalene	Acenaphthene	Phenanthrene	Dibenzofuran	Fluorene	Pyrene	Acetophenone	Carbazole	Caprolactum	1.1' Biphenyl
	Date Collected (m/dd/yy)	Sample Depth (ft)											
Side 1	6/17/05	5' – 6'	**5.900**	**23.00D**	1.700	5.600	0.500	2.400	1.200	BQL	BQL	BQL	**2.400**
Side 2	6/17/05	5' – 6'	**2.700**	**13.00D**	0.890	2.600	BQL	1.300	0.520	BQL	BQL	BQL	**1.300**
Side 3	6/17/05	5' – 6'	BQL	0.490	BQL	0.510	BQL	BQL	0.960	BQL	BQL	BQL	BQL
Side 4	6/17/05	5' – 6'	BQL	1.100	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
Bottom	6/17/05	9' – 10'	**22.00D**	**78.00D**	3.100	15.00D	1.000	4.400	2.500	BQL	**0.580**	BQL	**5.600**
Soil to Groundwater MSCC			**0.58**	**3**	**8**	**60**	**4.7**	**44**	**286**	**NRS**	**NRS**	**NRS**	**NRS**
Residential MSCC			**63**	**63**	**940**	**469**	**62**	**620**	**469**	**NRS**	**NRS**	**NRS**	**NRS**
Industrial/Commercial MSCC			**1635**	**1635**	**24,000**	**12264**	**1635**	**16400**	**12264**	**NRS**	**NRS**	**NRS**	**NRS**

Results are in mg/kg
Bold results indicate exceedence of Soil to Groundwater MSCC
Bold and shaded results indicate exceedence of Residential MSCC

Table 1 (Continued)
Summary of Analytical Data – Soil
MADEP-VPH/EPH
832 S. Hughes Street
Apex, NC

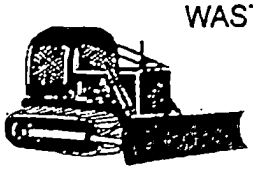
Analytical Method >			MADEP VPH	MADEP VPH/EPH	MADEP EPH	MADEP VPH/EPH		
Sample ID	Contaminant of Concern > Date Collected (m/dd/yy)	Sample Depth (ft)	C5-C8 Aliphatics	C9-C18 Aliphatics	C19-C36 Aliphatics	C9-C22 Aromatics		
Side 1	6/17/05	5' – 6'	BQL	**3,843**	660	**2,151**		
Side 2	6/17/05	5' – 6'	15	1,005	230	**520**		
Side 3	6/17/05	5' – 6'	BQL	1,719	410	**595**		
Side 4	6/17/05	5' – 6'	BQL	98	16	64		
Bottom	6/17/05	9' – 10'	BQL	**5,200**	890	**2,100**		
Soil to Groundwater MSCC			**72**	**3,255**	**Immobile**	**34**		
Residential MSCC			**939**	**9,386**	**93,860**	**469**		
Industrial/Commercial MSCC			**24,528**	**245,280**	**Health Based**	**12,264**		

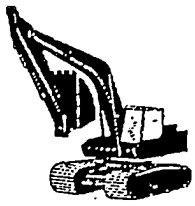
Results are in mg/kg
Bold results indicate exceedence of Soil to Groundwater MSCC
Bold and shaded results indicate exceedence of Residential MSCC
N/A – Not Analyzed
ND - Not Detected

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 # 1

BROKER/CONTRACTOR: Creekside Land Development TELEPHONE: (919) 427-5497
12861 NC Hwy. 96
Zebulon, NC 27597

GENERATOR: Mildred Rigsbee Property
832 S. Hughes Street
Apex, NC 27502

TRANSPORTER: Morgan Trucking TELEPHONE: (919) 365-9060
P.O. Box 509
Wendell, NC 27591

TRUCK TAG # & STATE: EB GROSS WEIGHT 83840
TRUCK #: UDT4 TARE WEIGHT 31900
DRIVER'S SIGNATURE: EB NET WGT. 51940
DATE & TIME DISPATCHED: 6/17/05 EQUIV. TONS 25.97
DATE & TIME WEIGHED: 6/17/05 BY: EB
WEIGH MASTER SIG.: EB BY: _____
INSPECTED & ACCEPTED BY: (SOILWORKS) Laura Buchanan
DATE & TIME RECEIVED: 6/17/05

☐ A.M. WEATHER ☐ P.M.
☐ Clear ☐ Overcast
☐ Rain ☐ Drizzle ☐ Snow

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

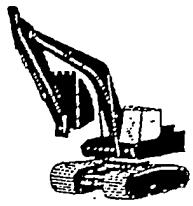
White - Billing
Yellow - Generator
Pink - Filing

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 # 2

BROKER/CONTRACTOR: Creekside Land Development

TELEPHONE: (919) 427-5497

12861 NC Hwy. 96

Zebulon, NC 27597

GENERATOR: Mildred Rigsbee Property

832 S. Hughes Street

Apex, NC 27502

TRANSPORTER: Morgan Trucking

TELEPHONE: (919) 365-9060

P.O. Box 509

~~Wendell, NC 27591~~

GROSS WEIGHT 78160

TRUCK TAG # & STATE: eb

TARE WEIGHT 26500

TRUCK #: MT18

NET WGT. 51660

DRIVER'S SIGNATURE: eb

EQUIV. TONS 25.83

DATE & TIME DISPATCHED: 6/17/05

BY: EBJ

DATE & TIME WEIGHED: 6/17/05

BY: _____

WEIGH MASTER SIG.: eb

INSPECTED & ACCEPTED BY: (SOILWORKS) Dawna Buchanan

DATE & TIME RECEIVED: 6/17/05

☐ A.M. WEATHER ☐ P.M.
☐ Clear ☐ Overcast
☐ Rain ☐ Drizzle ☐ 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.

15A NCAC 2N .0703
832 S. Hughes Street
Apex, North Carolina

SECTION C

LABORATORY REPORTS

CompuChem
a division of Liberty Analytical Corp.

16-Jun-05

TOM WILL
EAST COAST ENVIRONMENTAL
3709 JUNCTION BLVD.

RALEIGH, NC 27603

Subject:
Report of Data-Project: HUGHES Workorder: 6774

Attn.: TOM WILL

Enclosed are the results of analytical work performed in accordance with the referenced account number.

This report covers sample(s) appearing on the attached listing.

Thank you for selecting CompuChem for your sample analysis. If you should have questions or require additional analytical services, please contact your representative at 1-800-833-5097.

Sincerely,

CompuChem
A Division of Liberty Analytical

Attachment

TOTAL NUMBER
OF PAGES____

501 Madison Avenue, Cary, NC 27513 Tel: 919-379-4100 Fax: 919-379-4050

1D

GC EXTRACTABLE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

832 S.HUGHES

Lab Name: COMPUCHEM Contract: 8015B DRO

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 6774

Matrix: (soil/water) SOIL Lab Sample ID: 677401

Sample wt/vol: 20.0 (g/mL) G Lab File ID: _____

% Moisture: 21 decanted: (Y/N) N Date Received: 06/03/05

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 06/07/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/15/05

Injection Volume: 1.0(uL) Dilution Factor: 50.0

GPC Cleanup: (Y/N) N pH: ___ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) MG/KG	Q
9999-99-5	-------Diesel	7800	

№ 00526

Page 1 of 1

CHAIN OF CUSTODY

CompuChem
a division of Liberty Analytical Corp.
501 Madison Ave.
Cary, NC 27513
Phone: 919-379-4100 Fax 919-379-4040

Courier
Airbill No.
Sampling Complete? Y or N

Company Name: East Coast Environtal
Address
City State Zip
Project Contact
Phone # 772-0268
Sampler's Name

Project Name: Hughes Street
Sampling Location: Apex NC
Turnaround time: Standard
Batch QC or Project Specific? If Specific, which Sample ID?
Are aqueous samples field filtered for metals? Y or N
Are high concentrations expected? Y or N? If yes, which ID(s)?

GW - Ground water
WW - Waste water
SW - Surface water
SO - Soil/Sediment
TB - Trip Blank
RI - Rinsate
WP - Wipe
O - Other

EPA 3550 - 4 oz

Lab ID	Field ID	Collection Date	Collection Time	Matrix	# of bottles	Number of Preserved Bottles: HCl	NaOH	HNO3	H2SO4	MEOH	Other	Analysis Requested
677401	832 S. Hughes	6/1	4:30	SO1	1							X
677402	900 S. Hughes	6/1	5:00	SO1	1							X

Sample Unpacked By:
Sample Order Entry By: Marlena S. Smith
Samples Received in Good Condition? Y or N
If no, explain:

Cyanide samples checked for sulfide & chlorine? Y or NA
625 & Phenol samples checked for chlorine? Y or NA
608 samples checked for pH between 5.0-9.0? Y or NA

Relinquished by: Date/Time: 6-3-05 12:15 Received by: Date/Time: 6/3/05 12:1
Relinquished by: Date/Time: Received by: Date/Time:
Subcontact? Y or N If yes, where? Custody Seal(s) intact? Y or N On Ice? Y or N Cooler Temp: 2.5 °C

White & Yellow copy to lab • Pink copy for customer

CompuChem
a division of Liberty Analytical Corp.

29-Jun-05

TOM WILL
EAST COAST ENVIRONMENTAL
3709 JUNCTION BLVD.

RALEIGH, NC 27603

Subject:
Report of Data-Project: 832 S.HUGHES Workorder: 6924

Attn.: TOM WILL

Enclosed are the results of analytical work performed in accordance with the referenced account number.

This report covers sample(s) appearing on the attached listing.

Thank you for selecting CompuChem for your sample analysis. If you should have questions or require additional analytical services, please contact your representative at 1-800-833-5097.

Sincerely,

Marlene Swyt

CompuChem
A Division of Liberty Analytical

Attachment

TOTAL NUMBER
OF PAGES_____

501 Madison Avenue, Cary, NC 27513 Tel: 919-379-4100 Fax: 919-379-4050

№ 009896

Page 1 of 1

CHAIN OF CUSTODY

CompuChem
a division of Liberty Analytical Corp.

501 Madison Ave.
Cary, NC 27513
Phone: 919-379-4100 Fax 919-379-4040

Courier
Airbill No.
Sampling Complete? Y or N

Company Name	East Coast Envnt
Address	3709 Junction Blvd
City / State / Zip	Raleigh NC 27603
Project Contact	Will
Phone #	772-0268
Sampler's Name	Will
Project Name	832 S. Hughes
Sampling Location	Apex
Turnaround time	Standard
Batch QC or Project Specific? If Specific, which Sample ID?	
Are aqueous samples field filtered for metals? Y or N	
Are high concentrations expected? Y or N? If yes, which ID(s)?	

Matrices: GW - Ground water; WW - Waste water; SW - Surface water; SO - Soil/Sediment; TB - Trip Blank; RI - Rinsate; WP - Wipe; O - Other

Lab ID	Field ID	Collection Date	Collection Time	Matrix	# of bottles	Preserved: HCl	NaOH	HNO3	H2SO4	MEOH	Other	EPA 8260	EPA 8270	MADEP VPH/EPH	
692401 694102	Side 1	6/17	3:10	SW								X	X	X	X Rush
692402 694103	Side 2	"	3:20	"								X	X	X	
692403 694104	Side 3	"	3:30	"								X	X	X	
692404 694105	Side 4	"	3:40	"								X	X	X	

Lab Use Only

Sample Unpacked By:
Sample Order Entry By:
Samples Received in Good Condition? Y or N
If no, explain:

Cyanide samples checked for sulfide & chlorine? Y or N/A
625 & Phenol samples checked for chlorine? Y or N/A
608 samples checked for pH between 5.0-9.0? Y or N/A

Comments

Sample Custody

Relinquished by:	Date/Time: 6-17 5:00	Received by:	Date/Time: 6/17/02 7:00
Relinquished by:	Date/Time:	Received by:	Date/Time:

Subcontact? Y or N If yes, where?
Custody Seal(s) intact? Y or N
On Ice? Y or N
Cooler Temp: 3.1 °C

Samples stored 60 days after date report mailed at no extra charge.

White & Yellow copy to lab • Pink copy for customer

CompuChem
a division of Liberty Analytical Corp.

CHAIN OF CUSTODY

501 Madison Ave.
Cary, NC 27513
Phone: 919-379-4100 Fax 919-379-4040

№ 009895

Page 1 of 1

Courier
Airbill No.
Sampling Complete? Y or N

Company Name: East Coast Environt	Project Name: 832 S. Hughes
Address: 3709 Junction Blvd	Sampling Location: AOC
City: Raleigh State: NC Zip: 27603	Turnaround time: Standard
Project Contact: Will	Batch QC or Project Specific? If Specific, which Sample ID?
Phone #: 772-0268	Are aqueous samples field filtered for metals? Y or N
Sampler's Name:	Are high concentrations expected? Y or N? If yes, which ID(s)?

Matrices: GW - Ground water; WW - Waste water; SW - Surface water; SO - Soil/Sediment; TB - Trip Blank; RI - Rinsate; WP - Wipe; O - Other

Lab ID	Field ID	Collection Date	Collection Time	Matrix	# of bottles	Number of Preserved Bottles: HCl	NaOH	HNO3	H2SO4	MEOH	Other	EPA 8260	EPA 8270	MADEP VPH/EPH									
694101	Bottom	6/17	3:00	Soil								X	X	X									

Non-Typical Turnaround

Lab Use Only

Sample Unpacked By:
Sample Order Entry By:
Samples Received in Good Condition? Y or N
If no, explain:

Cyanide samples checked for sulfide & chlorine? Y or NA
625 & Phenol samples checked for chlorine? Y or NA
608 samples checked for pH between 5.0-9.0? Y or NA

Comments

Sample Custody

Relinquished by:	Date/Time: 6-17 5:00	Received by:	Date/Time: 6/17/05 17:00
Relinquished by:	Date/Time:	Received by:	Date/Time:
Subcontact? Y or N If yes, where?	Custody Seal(s) intact? Y or N	On Ice? Y or N	Cooler Temp: 3 °C

Samples stored 60 days after date report mailed at no extra charge.

White & Yellow copy to lab • Pink copy for customer

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SIDE 1

Lab Name: COMPUCHEM Method: 8260B

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 6924

Matrix: (soil/water) SOIL Lab Sample ID: 692401

Sample wt/vol: 5.34(g/mL) G Lab File ID: 692401DA61

Level: (low/med) MED Date Received: 06/17/05

% Moisture: not dec. 18 Date Analyzed: 06/27/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:(5000)(ul) Soil Aliquot Volume: 100(ul)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	290	U
74-87-3	Chloromethane	730	
75-01-4	Vinyl Chloride	290	U
74-83-9	Bromomethane	800	
75-00-3	Chloroethane	290	U
75-69-4	Trichlorofluoromethane	290	U
75-35-4	1,1-Dichloroethene	290	U
75-09-2	Methylene Chloride	290	U
156-60-5	trans-1,2-Dichloroethene	290	U
1634-04-4	Methyl-tert-butyl ether	290	U
75-34-3	1,1-Dichloroethane	290	U
108-20-3	Isopropyl ether	290	U
594-20-7	2,2-Dichloropropane	290	U
156-59-2	cis-1,2-Dichloroethene	290	U
74-97-5	Bromochloromethane	290	U
67-66-3	Chloroform	290	U
71-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	290	U
563-58-6	1,1-dichloropropene	290	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	290	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
74-95-3	Dibromomethane	290	U
75-27-4	Bromodichloromethane	290	U
108-88-3	Toluene	290	U
79-00-5	1,1,2-Trichloroethane	290	U
127-18-4	Tetrachloroethene	290	U
142-28-9	1,3-Dichloropropane	290	U
124-48-1	Dibromochloromethane	290	U
106-93-4	1,2-Dibromoethane	290	U
108-90-7	Chlorobenzene	290	U
630-20-6	1,1,1,2-Tetrachloroethane	290	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SIDE 1

Lab Name: COMPUCHEM Method: 8260B

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 6924

Matrix: (soil/water) SOIL Lab Sample ID: 692401

Sample wt/vol: 5.34(g/mL) G Lab File ID: 692401DA61

Level: (low/med) MED Date Received: 06/17/05

% Moisture: not dec. 18 Date Analyzed: 06/27/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:(5000)(ul) Soil Aliquot Volume: 100(ul)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	940	
100-42-5	Styrene	290	U
75-25-2	Bromoform	290	U
98-82-8	Isopropyl Benzene	740	
108-86-1	Bromobenzene	290	U
96-18-4	1,2,3-Trichloropropane	290	U
79-34-5	1,1,2,2-Tetrachloroethane	290	U
103-65-1	n-Propyl Benzene	1400	
95-49-8	2-Chlorotoluene	290	U
106-43-4	4-Chlorotoluene	290	U
108-67-8	1,3,5-Trimethyl Benzene	2000	
98-06-6	tert-Butyl Benzene	290	U
95-63-6	1,2,4-Trimethyl Benzene	5800	
135-98-8	sec-Butyl Benzene	1500	
541-73-1	1,3-Dichlorobenzene	290	U
106-46-7	1,4-Dichlorobenzene	290	U
99-87-6	p-Isopropyl Toluene	3000	
95-50-1	1,2-Dichlorobenzene	290	U
104-51-8	n-Butyl Benzene	1900	
96-12-8	1,2-Dibromo-3-Chloropropane	290	U
120-82-1	1,2,4-Trichlorobenzene	290	U
87-68-3	Hexachlorobutadiene	290	U
91-20-3	Naphthalene	5800	
87-61-6	1,2,3-Trichlorobenzene	Nqisom 430	
1330-20-7	Xylene (total)	4700	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SIDE 2

Lab Name: COMPUCHEM Method: 8260B

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 6924

Matrix: (soil/water) SOIL Lab Sample ID: 692402

Sample wt/vol: 5.03(g/mL) G Lab File ID: 692402DA61

Level: (low/med) MED Date Received: 06/17/05

% Moisture: not dec. 19 Date Analyzed: 06/27/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:(5000)(ul) Soil Aliquot Volume: 100(ul)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	310	U
74-87-3	Chloromethane	500	
75-01-4	Vinyl Chloride	310	U
74-83-9	Bromomethane	830	
75-00-3	Chloroethane	310	U
75-69-4	Trichlorofluoromethane	310	U
75-35-4	1,1-Dichloroethene	310	U
75-09-2	Methylene Chloride	310	U
156-60-5	trans-1,2-Dichloroethene	310	U
1634-04-4	Methyl-tert-butyl ether	310	U
75-34-3	1,1-Dichloroethane	310	U
108-20-3	Isopropyl ether	310	U
594-20-7	2,2-Dichloropropane	310	U
156-59-2	cis-1,2-Dichloroethene	310	U
74-97-5	Bromochloromethane	310	U
67-66-3	Chloroform	310	U
71-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	310	U
563-58-6	1,1-dichloropropene	310	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	310	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
74-95-3	Dibromomethane	310	U
75-27-4	Bromodichloromethane	310	U
108-88-3	Toluene	310	U
79-00-5	1,1,2-Trichloroethane	310	U
127-18-4	Tetrachloroethene	310	U
142-28-9	1,3-Dichloropropane	310	U
124-48-1	Dibromochloromethane	310	U
106-93-4	1,2-Dibromoethane	310	U
108-90-7	Chlorobenzene	310	U
630-20-6	1,1,1,2-Tetrachloroethane	310	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SIDE 2

Lab Name: COMPUCHEM Method: 8260B

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 6924

Matrix: (soil/water) SOIL Lab Sample ID: 692402

Sample wt/vol: 5.03(g/mL) G Lab File ID: 692402DA61

Level: (low/med) MED Date Received: 06/17/05

% Moisture: not dec. 19 Date Analyzed: 06/27/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:(5000)(ul) Soil Aliquot Volume: 100(ul)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	3800	
100-42-5	Styrene	310	U
75-25-2	Bromoform	310	U
98-82-8	Isopropyl Benzene	2300	
108-86-1	Bromobenzene	310	U
96-18-4	1,2,3-Trichloropropane	310	U
79-34-5	1,1,2,2-Tetrachloroethane	310	U
103-65-1	n-Propyl Benzene	4400	
95-49-8	2-Chlorotoluene	310	U
106-43-4	4-Chlorotoluene	310	U
108-67-8	1,3,5-Trimethyl Benzene	6200	
98-06-6	tert-Butyl Benzene	310	U
95-63-6	1,2,4-Trimethyl Benzene	18000	E
135-98-8	sec-Butyl Benzene	4000	
541-73-1	1,3-Dichlorobenzene	310	U
106-46-7	1,4-Dichlorobenzene	310	U
99-87-6	p-Isopropyl Toluene	8200	
95-50-1	1,2-Dichlorobenzene	310	U
104-51-8	n-Butyl Benzene	6100	
96-12-8	1,2-Dibromo-3-Chloropropane	310	U
120-82-1	1,2,4-Trichlorobenzene	310	U
87-68-3	Hexachlorobutadiene	310	U
91-20-3	Naphthalene	17000	E
87-61-6	1,2,3-Trichlorobenzene	Not 510	
1330-20-7	Xylene (total)	18000	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SIDE 2DL

Lab Name: COMPUCHEM Method: 8260B

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 6924

Matrix: (soil/water) SOIL Lab Sample ID: 692402

Sample wt/vol: 5.03(g/mL) G Lab File ID: 692402D2A61

Level: (low/med) MED Date Received: 06/17/05

% Moisture: not dec. 19 Date Analyzed: 06/28/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:(5000)(ul) Soil Aliquot Volume: 100(ul)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	310	U
74-87-3	Chloromethane	1400	D
75-01-4	Vinyl Chloride	310	U
74-83-9	Bromomethane	640	D
75-00-3	Chloroethane	310	U
75-69-4	Trichlorofluoromethane	310	U
75-35-4	1,1-Dichloroethene	310	U
75-09-2	Methylene Chloride	310	U
156-60-5	trans-1,2-Dichloroethene	310	U
1634-04-4	Methyl-tert-butyl ether	310	U
75-34-3	1,1-Dichloroethane	310	U
108-20-3	Isopropyl ether	310	U
594-20-7	2,2-Dichloropropane	310	U
156-59-2	cis-1,2-Dichloroethene	310	U
74-97-5	Bromochloromethane	310	U
67-66-3	Chloroform	310	U
71-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	310	U
563-58-6	1,1-dichloropropene	310	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	310	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
74-95-3	Dibromomethane	310	U
75-27-4	Bromodichloromethane	310	U
108-88-3	Toluene	310	U
79-00-5	1,1,2-Trichloroethane	310	U
127-18-4	Tetrachloroethene	310	U
142-28-9	1,3-Dichloropropane	310	U
124-48-1	Dibromochloromethane	310	U
106-93-4	1,2-Dibromoethane	310	U
108-90-7	Chlorobenzene	310	U
630-20-6	1,1,1,2-Tetrachloroethane	310	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SIDE 2DL

Lab Name: COMPUCHEM Method: 8260B

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 6924

Matrix: (soil/water) SOIL Lab Sample ID: 692402

Sample wt/vol: 5.03(g/mL) G Lab File ID: 692402D2A61

Level: (low/med) MED Date Received: 06/17/05

% Moisture: not dec. 19 Date Analyzed: 06/28/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:(5000)(ul) Soil Aliquot Volume: 100(ul)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	1800	D
100-42-5	Styrene	310	U
75-25-2	Bromoform	310	U
98-82-8	Isopropyl Benzene	1200	D
108-86-1	Bromobenzene	310	U
96-18-4	1,2,3-Trichloropropane	310	U
79-34-5	1,1,2,2-Tetrachloroethane	310	U
103-65-1	n-Propyl Benzene	2300	D
95-49-8	2-Chlorotoluene	310	U
106-43-4	4-Chlorotoluene	310	U
108-67-8	1,3,5-Trimethyl Benzene	3300	D
98-06-6	tert-Butyl Benzene	310	U
95-63-6	1,2,4-Trimethyl Benzene	10000	D
135-98-8	sec-Butyl Benzene	2200	D
541-73-1	1,3-Dichlorobenzene	310	U
106-46-7	1,4-Dichlorobenzene	310	U
99-87-6	p-Isopropyl Toluene	4300	D
95-50-1	1,2-Dichlorobenzene	310	U
104-51-8	n-Butyl Benzene	3000	D
96-12-8	1,2-Dibromo-3-Chloropropane	310	U
120-82-1	1,2,4-Trichlorobenzene	310	U
87-68-3	Hexachlorobutadiene	310	U
91-20-3	Naphthalene	12000	D
87-61-6	1,2,3-Trichlorobenzene	450	D
1330-20-7	Xylene (total)	9000	D

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SIDE 3

Lab Name: COMPUCHEM Method: 8260B

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 6924

Matrix: (soil/water) SOIL Lab Sample ID: 692403

Sample wt/vol: 5.00(g/mL) G Lab File ID: 692403RA62

Level: (low/med) LOW Date Received: 06/17/05

% Moisture: not dec. 19 Date Analyzed: 06/28/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	6.2	U
74-87-3	Chloromethane	6.2	U
75-01-4	Vinyl Chloride	6.2	U
74-83-9	Bromomethane	6.2	U
75-00-3	Chloroethane	6.2	U
75-69-4	Trichlorofluoromethane	6.2	U
75-35-4	1,1-Dichloroethene	6.2	U
75-09-2	Methylene Chloride	6.2	U
156-60-5	trans-1,2-Dichloroethene	6.2	U
1634-04-4	Methyl-tert-butyl ether	6.2	U
75-34-3	1,1-Dichloroethane	6.2	U
108-20-3	Isopropyl ether	6.2	U
594-20-7	2,2-Dichloropropane	6.2	U
156-59-2	cis-1,2-Dichloroethene	6.2	U
74-97-5	Bromochloromethane	6.2	U
67-66-3	Chloroform	6.2	U
71-55-6	1,1,1-Trichloroethane	6.2	U
56-23-5	Carbon Tetrachloride	6.2	U
563-58-6	1,1-dichloropropene	6.2	U
71-43-2	Benzene	6.2	U
107-06-2	1,2-Dichloroethane	6.2	U
79-01-6	Trichloroethene	6.2	U
78-87-5	1,2-Dichloropropane	6.2	U
74-95-3	Dibromomethane	6.2	U
75-27-4	Bromodichloromethane	6.2	U
108-88-3	Toluene	6.2	U
79-00-5	1,1,2-Trichloroethane	6.2	U
127-18-4	Tetrachloroethene	6.2	U
142-28-9	1,3-Dichloropropane	6.2	U
124-48-1	Dibromochloromethane	6.2	U
106-93-4	1,2-Dibromoethane	6.2	U
108-90-7	Chlorobenzene	6.2	U
630-20-6	1,1,1,2-Tetrachloroethane	6.2	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SIDE 3

Lab Name: COMPUCHEM Method: 8260B

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 6924

Matrix: (soil/water) SOIL Lab Sample ID: 692403

Sample wt/vol: 5.00(g/mL) G Lab File ID: 692403RA62

Level: (low/med) LOW Date Received: 06/17/05

% Moisture: not dec. 19 Date Analyzed: 06/28/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	6.2	U
100-42-5	Styrene	6.2	U
75-25-2	Bromoform	6.2	U
98-82-8	Isopropyl Benzene	6.4	
108-86-1	Bromobenzene	6.2	U
96-18-4	1,2,3-Trichloropropane	6.2	U
79-34-5	1,1,2,2-Tetrachloroethane	6.2	U
103-65-1	n-Propyl Benzene	6.2	U
95-49-8	2-Chlorotoluene	6.2	U
106-43-4	4-Chlorotoluene	6.2	U
108-67-8	1,3,5-Trimethyl Benzene	6.2	U
98-06-6	tert-Butyl Benzene	6.2	U
95-63-6	1,2,4-Trimethyl Benzene	6.2	U
135-98-8	sec-Butyl Benzene	6.2	U
541-73-1	1,3-Dichlorobenzene	6.2	U
106-46-7	1,4-Dichlorobenzene	6.2	U
99-87-6	p-Isopropyl Toluene	6.2	U
95-50-1	1,2-Dichlorobenzene	6.2	U
104-51-8	n-Butyl Benzene	6.2	U
96-12-8	1,2-Dibromo-3-Chloropropane	6.2	U
120-82-1	1,2,4-Trichlorobenzene	6.2	U
87-68-3	Hexachlorobutadiene	6.2	U
91-20-3	Naphthalene	6.2	U
87-61-6	1,2,3-Trichlorobenzene	6.2	U
1330-20-7	Xylene (total)	19	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SIDE 4

Lab Name: COMPUCHEM Method: 8260B

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 6924

Matrix: (soil/water) SOIL Lab Sample ID: 692404

Sample wt/vol: 4.54(g/mL) G Lab File ID: 692404DA61

Level: (low/med) MED Date Received: 06/17/05

% Moisture: not dec. 20 Date Analyzed: 06/28/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:(5000)(ul) Soil Aliquot Volume: 100(ul)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	340	U
74-87-3	Chloromethane	2600	
75-01-4	Vinyl Chloride	340	U
74-83-9	Bromomethane	2100	
75-00-3	Chloroethane	340	U
75-69-4	Trichlorofluoromethane	340	U
75-35-4	1,1-Dichloroethene	340	U
75-09-2	Methylene Chloride	340	U
156-60-5	trans-1,2-Dichloroethene	340	U
1634-04-4	Methyl-tert-butyl ether	340	U
75-34-3	1,1-Dichloroethane	340	U
108-20-3	Isopropyl ether	340	U
594-20-7	2,2-Dichloropropane	340	U
156-59-2	cis-1,2-Dichloroethene	340	U
74-97-5	Bromochloromethane	340	U
67-66-3	Chloroform	340	U
71-55-6	1,1,1-Trichloroethane	340	U
56-23-5	Carbon Tetrachloride	340	U
563-58-6	1,1-dichloropropene	340	U
71-43-2	Benzene	340	U
107-06-2	1,2-Dichloroethane	340	U
79-01-6	Trichloroethene	340	U
78-87-5	1,2-Dichloropropane	340	U
74-95-3	Dibromomethane	340	U
75-27-4	Bromodichloromethane	340	U
108-88-3	Toluene	340	U
79-00-5	1,1,2-Trichloroethane	340	U
127-18-4	Tetrachloroethene	340	U
142-28-9	1,3-Dichloropropane	340	U
124-48-1	Dibromochloromethane	340	U
106-93-4	1,2-Dibromoethane	340	U
108-90-7	Chlorobenzene	340	U
630-20-6	1,1,1,2-Tetrachloroethane	340	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SIDE 4

Lab Name: COMPUCHEM Method: 8260B

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 6924

Matrix: (soil/water) SOIL Lab Sample ID: 692404

Sample wt/vol: 4.54(g/mL) G Lab File ID: 692404DA61

Level: (low/med) MED Date Received: 06/17/05

% Moisture: not dec. 20 Date Analyzed: 06/28/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:(5000)(ul) Soil Aliquot Volume: 100(ul)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	340	U
100-42-5	Styrene	340	U
75-25-2	Bromoform	340	U
98-82-8	Isopropyl Benzene	340	U
108-86-1	Bromobenzene	340	U
96-18-4	1,2,3-Trichloropropane	340	U
79-34-5	1,1,2,2-Tetrachloroethane	340	U
103-65-1	n-Propyl Benzene	340	U
95-49-8	2-Chlorotoluene	340	U
106-43-4	4-Chlorotoluene	340	U
108-67-8	1,3,5-Trimethyl Benzene	340	U
98-06-6	tert-Butyl Benzene	340	U
95-63-6	1,2,4-Trimethyl Benzene	340	U
135-98-8	sec-Butyl Benzene	340	U
541-73-1	1,3-Dichlorobenzene	340	U
106-46-7	1,4-Dichlorobenzene	340	U
99-87-6	p-Isopropyl Toluene	340	U
95-50-1	1,2-Dichlorobenzene	340	U
104-51-8	n-Butyl Benzene	340	U
96-12-8	1,2-Dibromo-3-Chloropropane	340	U
120-82-1	1,2,4-Trichlorobenzene	340	U
87-68-3	Hexachlorobutadiene	340	U
91-20-3	Naphthalene	570	
87-61-6	1,2,3-Trichlorobenzene	340	U
1330-20-7	Xylene (total)	340	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

BOTTOM

Lab Name: COMPUCHEM Method: 8260B

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 6924

Matrix: (soil/water) SOIL Lab Sample ID: 692405

Sample wt/vol: 5.67(g/mL) G Lab File ID: 692405DA61

Level: (low/med) MED Date Received: 06/17/05

% Moisture: not dec. 21 Date Analyzed: 06/28/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:(5000)(ul) Soil Aliquot Volume: 20(ul)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	2500	
75-01-4	Vinyl Chloride	1400	U
74-83-9	Bromomethane	1400	U
75-00-3	Chloroethane	1400	U
75-69-4	Trichlorofluoromethane	1400	U
75-35-4	1,1-Dichloroethene	1400	U
75-09-2	Methylene Chloride	1400	U
156-60-5	trans-1,2-Dichloroethene	1400	U
1634-04-4	Methyl-tert-butyl ether	1400	U
75-34-3	1,1-Dichloroethane	1400	U
108-20-3	Isopropyl ether	1400	U
594-20-7	2,2-Dichloropropane	1400	U
156-59-2	cis-1,2-Dichloroethene	1400	U
74-97-5	Bromochloromethane	1400	U
67-66-3	Chloroform	1400	U
71-55-6	1,1,1-Trichloroethane	1400	U
56-23-5	Carbon Tetrachloride	1400	U
563-58-6	1,1-dichloropropene	1400	U
71-43-2	Benzene	1400	U
107-06-2	1,2-Dichloroethane	1400	U
79-01-6	Trichloroethene	1400	U
78-87-5	1,2-Dichloropropane	1400	U
74-95-3	Dibromomethane	1400	U
75-27-4	Bromodichloromethane	1400	U
108-88-3	Toluene	3700	
79-00-5	1,1,2-Trichloroethane	1400	U
127-18-4	Tetrachloroethene	1400	U
142-28-9	1,3-Dichloropropane	1400	U
124-48-1	Dibromochloromethane	1400	U
106-93-4	1,2-Dibromoethane	1400	U
108-90-7	Chlorobenzene	1400	U
630-20-6	1,1,1,2-Tetrachloroethane	1400	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

BOTTOM

Lab Name: COMPUCHEM Method: 8260B

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 6924

Matrix: (soil/water) SOIL Lab Sample ID: 692405

Sample wt/vol: 5.67(g/mL) G Lab File ID: 692405DA61

Level: (low/med) MED Date Received: 06/17/05

% Moisture: not dec. 21 Date Analyzed: 06/28/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:(5000)(ul) Soil Aliquot Volume: 20(ul)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	5300	
100-42-5	Styrene	1400	U
75-25-2	Bromoform	1400	U
98-82-8	Isopropyl Benzene	2700	
108-86-1	Bromobenzene	1400	U
96-18-4	1,2,3-Trichloropropane	1400	U
79-34-5	1,1,2,2-Tetrachloroethane	1400	U
103-65-1	n-Propyl Benzene	5500	
95-49-8	2-Chlorotoluene	1400	U
106-43-4	4-Chlorotoluene	1400	U
108-67-8	1,3,5-Trimethyl Benzene	7800	
98-06-6	tert-Butyl Benzene	1400	U
95-63-6	1,2,4-Trimethyl Benzene	28000	
135-98-8	sec-Butyl Benzene	4100	
541-73-1	1,3-Dichlorobenzene	1400	U
106-46-7	1,4-Dichlorobenzene	1400	U
99-87-6	p-Isopropyl Toluene	8600	
95-50-1	1,2-Dichlorobenzene	1400	U
104-51-8	n-Butyl Benzene	5400	
96-12-8	1,2-Dibromo-3-Chloropropane	1400	U
120-82-1	1,2,4-Trichlorobenzene	1400	U
87-68-3	Hexachlorobutadiene	1400	U
91-20-3	Naphthalene	34000	
87-61-6	1,2,3-Trichlorobenzene	1400	U
1330-20-7	Xylene (total)	27000	

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SIDE 1

Lab Name: COMPUCHEM Method: 8270C

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 6924

Matrix: (soil/water) SOIL Lab Sample ID: 692401

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 692401A66

Level: (low/med) LOW Date Received: 06/17/05

% Moisture: 18 decanted: (Y/N) N Date Extracted: 06/21/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/23/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	400	U
108-95-2	Phenol	400	U
111-44-4	Bis(2-chloroethyl)ether	400	U
95-57-8	2-Chlorophenol	400	U
95-48-7	2-Methylphenol	400	U
108-60-1	2,2'-oxybis(1-Chloropropane)	400	U
98-86-2	Acetophenone	400	U
106-44-5	4-Methylphenol	800	U
621-64-7	N-Nitroso-di-N-propylamine	400	U
67-72-1	Hexachloroethane	400	U
98-95-3	Nitrobenzene	400	U
78-59-1	Isophorone	400	U
88-75-5	2-Nitrophenol	400	U
105-67-9	2,4-Dimethylphenol	400	U
111-91-1	Bis(2-chloroethoxy)methane	400	U
120-83-2	2,4-Dichlorophenol	400	U
91-20-3	Naphthalene	5900	
106-47-8	4-Chloroaniline	400	U
87-68-3	Hexachlorobutadiene	400	U
105-60-2	Caprolactam	400	U
59-50-7	4-Chloro-3-methylphenol	400	U
91-57-6	2-Methylnaphthalene	24000	E
77-47-4	Hexachlorocyclopentadiene	400	U
88-06-2	2,4,6-Trichlorophenol	400	U
95-95-4	2,4,5-Trichlorophenol	400	U
92-52-4	1,1'-Biphenyl	2400	
91-58-7	2-Chloronaphthalene	400	U
88-74-4	2-Nitroaniline	800	U
131-11-3	Dimethylphthalate	400	U
606-20-2	2,6-Dinitrotoluene	400	U
208-96-8	Acenaphthylene	400	U
99-09-2	3-Nitroaniline	800	U
83-32-9	Acenaphthene	1700	

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SIDE 1

Lab Name: COMPUCHEM Method: 8270C

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 6924

Matrix: (soil/water) SOIL Lab Sample ID: 692401

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 692401A66

Level: (low/med) LOW Date Received: 06/17/05

% Moisture: 18 decanted: (Y/N) N Date Extracted: 06/21/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/23/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	800	U
100-02-7	4-Nitrophenol	800	U
121-14-2	2,4-Dinitrotoluene	400	U
132-64-9	Dibenzofuran	500	
84-66-2	Diethylphthalate	400	U
7005-72-3	4-Chlorophenyl-phenylether	400	U
86-73-7	Fluorene	2400	
100-01-6	4-Nitroaniline	800	U
534-52-1	4,6-Dinitro-2-methylphenol	800	U
86-30-6	N-Nitrosodiphenylamine (1)	400	U
101-55-3	4-Bromophenyl-phenylether	400	U
118-74-1	Hexachlorobenzene	400	U
1912-24-9	Atrazine	400	U
87-86-5	Pentachlorophenol	800	U
85-01-8	Phenanthrene	5600	
120-12-7	Anthracene	400	U
86-74-8	Carbazole	400	U
84-74-2	Di-n-butylphthalate	400	U
206-44-0	Fluoranthene	400	U
129-00-0	Pyrene	1200	
85-68-7	Butylbenzylphthalate	400	U
91-94-1	3,3'-Dichlorobenzidine	400	U
117-81-7	bis(2-ethylhexyl) Phthalate	400	U
56-55-3	Benzo(a)anthracene	400	U
218-01-9	Chrysene	400	U
117-84-0	Di-n-octylphthalate	400	U
205-99-2	Benzo(b)fluoranthene	400	U
207-08-9	Benzo(k)fluoranthene	400	U
50-32-8	Benzo(a)pyrene	400	U
193-39-5	Indeno(1,2,3-cd)pyrene	400	U
53-70-3	Dibenzo(a,h)anthracene	400	U
191-24-2	Benzo(g,h,i)perylene	400	U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SIDE 1DL

Lab Name: COMPUCHEM Method: 8270C

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 6924

Matrix: (soil/water) SOIL Lab Sample ID: 692401DL

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 692401DA66

Level: (low/med) LOW Date Received: 06/17/05

% Moisture: 18 decanted: (Y/N) N Date Extracted:06/21/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/24/05

Injection Volume: 1.0(uL) Dilution Factor: 6.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	2400	U
108-95-2	Phenol	2400	U
111-44-4	Bis(2-chloroethyl)ether	2400	U
95-57-8	2-Chlorophenol	2400	U
95-48-7	2-Methylphenol	2400	U
108-60-1	2,2'-oxybis(1-Chloropropane)	2400	U
98-86-2	Acetophenone	2400	U
106-44-5	4-Methylphenol	4800	U
621-64-7	N-Nitroso-di-N-propylamine	2400	U
67-72-1	Hexachloroethane	2400	U
98-95-3	Nitrobenzene	2400	U
78-59-1	Isophorone	2400	U
88-75-5	2-Nitrophenol	2400	U
105-67-9	2,4-Dimethylphenol	2400	U
111-91-1	Bis(2-chloroethoxy)methane	2400	U
120-83-2	2,4-Dichlorophenol	2400	U
91-20-3	Naphthalene	6300	D
106-47-8	4-Chloroaniline	2400	U
87-68-3	Hexachlorobutadiene	2400	U
105-60-2	Caprolactam	2400	U
59-50-7	4-Chloro-3-methylphenol	2400	U
91-57-6	2-Methylnaphthalene	23000	D
77-47-4	Hexachlorocyclopentadiene	2400	U
88-06-2	2,4,6-Trichlorophenol	2400	U
95-95-4	2,4,5-Trichlorophenol	2400	U
92-52-4	1,1'-Biphenyl	2700	D
91-58-7	2-Chloronaphthalene	2400	U
88-74-4	2-Nitroaniline	4800	U
131-11-3	Dimethylphthalate	2400	U
606-20-2	2,6-Dinitrotoluene	2400	U
208-96-8	Acenaphthylene	2400	U
99-09-2	3-Nitroaniline	4800	U
83-32-9	Acenaphthene	2400	U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SIDE 1DL

Lab Name: COMPUCHEM Method: 8270C

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 6924

Matrix: (soil/water) SOIL Lab Sample ID: 692401DL

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 692401DA66

Level: (low/med) LOW Date Received: 06/17/05

% Moisture: 18 decanted: (Y/N) N Date Extracted:06/21/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/24/05

Injection Volume: 1.0(uL) Dilution Factor: 6.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	4800	U
100-02-7	4-Nitrophenol	4800	U
121-14-2	2,4-Dinitrotoluene	2400	U
132-64-9	Dibenzofuran	2400	U
84-66-2	Diethylphthalate	2400	U
7005-72-3	4-Chlorophenyl-phenylether	2400	U
86-73-7	Fluorene	3000	D
100-01-6	4-Nitroaniline	4800	U
534-52-1	4,6-Dinitro-2-methylphenol	4800	U
86-30-6	N-Nitrosodiphenylamine (1)	2400	U
101-55-3	4-Bromophenyl-phenylether	2400	U
118-74-1	Hexachlorobenzene	2400	U
1912-24-9	Atrazine	2400	U
87-86-5	Pentachlorophenol	4800	U
85-01-8	Phenanthrene	5300	D
120-12-7	Anthracene	2400	U
86-74-8	Carbazole	2400	U
84-74-2	Di-n-butylphthalate	2400	U
206-44-0	Fluoranthene	2400	U
129-00-0	Pyrene	2400	U
85-68-7	Butylbenzylphthalate	2400	U
91-94-1	3,3'-Dichlorobenzidine	2400	U
117-81-7	bis(2-ethylhexyl)Phthalate	2400	U
56-55-3	Benzo(a)anthracene	2400	U
218-01-9	Chrysene	2400	U
117-84-0	Di-n-octylphthalate	2400	U
205-99-2	Benzo(b)fluoranthene	2400	U
207-08-9	Benzo(k)fluoranthene	2400	U
50-32-8	Benzo(a)pyrene	2400	U
193-39-5	Indeno(1,2,3-cd)pyrene	2400	U
53-70-3	Dibenzo(a,h)anthracene	2400	U
191-24-2	Benzo(g,h,i)perylene	2400	U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SIDE 2

Lab Name: COMPUCHEM Method: 8270C

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 6924

Matrix: (soil/water) SOIL Lab Sample ID: 692402

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 692402A66

Level: (low/med) LOW Date Received: 06/17/05

% Moisture: 19 decanted: (Y/N) N Date Extracted: 06/21/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/23/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	410	U
108-95-2	Phenol	410	U
111-44-4	Bis(2-chloroethyl)ether	410	U
95-57-8	2-Chlorophenol	410	U
95-48-7	2-Methylphenol	410	U
108-60-1	2,2'-oxybis(1-Chloropropane)	410	U
98-86-2	Acetophenone	410	U
106-44-5	4-Methylphenol	810	U
621-64-7	N-Nitroso-di-N-propylamine	410	U
67-72-1	Hexachloroethane	410	U
98-95-3	Nitrobenzene	410	U
78-59-1	Isophorone	410	U
88-75-5	2-Nitrophenol	410	U
105-67-9	2,4-Dimethylphenol	410	U
111-91-1	Bis(2-chloroethoxy)methane	410	U
120-83-2	2,4-Dichlorophenol	410	U
91-20-3	Naphthalene	2700	
106-47-8	4-Chloroaniline	410	U
87-68-3	Hexachlorobutadiene	410	U
105-60-2	Caprolactam	410	U
59-50-7	4-Chloro-3-methylphenol	410	U
91-57-6	2-Methylnaphthalene	11000	E
77-47-4	Hexachlorocyclopentadiene	410	U
88-06-2	2,4,6-Trichlorophenol	410	U
95-95-4	2,4,5-Trichlorophenol	410	U
92-52-4	1,1'-Biphenyl	1300	
91-58-7	2-Chloronaphthalene	410	U
88-74-4	2-Nitroaniline	810	U
131-11-3	Dimethylphthalate	410	U
606-20-2	2,6-Dinitrotoluene	410	U
208-96-8	Acenaphthylene	410	U
99-09-2	3-Nitroaniline	810	U
83-32-9	Acenaphthene	890	

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SIDE 2

Lab Name: COMPUCHEM Method: 8270C

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 6924

Matrix: (soil/water) SOIL Lab Sample ID: 692402

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 692402A66

Level: (low/med) LOW Date Received: 06/17/05

% Moisture: 19 decanted: (Y/N) N Date Extracted: 06/21/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/23/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	810	U
100-02-7	4-Nitrophenol	810	U
121-14-2	2,4-Dinitrotoluene	410	U
132-64-9	Dibenzofuran	410	U
84-66-2	Diethylphthalate	410	U
7005-72-3	4-Chlorophenyl-phenylether	410	U
86-73-7	Fluorene	1300	
100-01-6	4-Nitroaniline	810	U
534-52-1	4,6-Dinitro-2-methylphenol	810	U
86-30-6	N-Nitrosodiphenylamine (1)	410	U
101-55-3	4-Bromophenyl-phenylether	410	U
118-74-1	Hexachlorobenzene	410	U
1912-24-9	Atrazine	410	U
87-86-5	Pentachlorophenol	810	U
85-01-8	Phenanthrene	2600	
120-12-7	Anthracene	410	U
86-74-8	Carbazole	410	U
84-74-2	Di-n-butylphthalate	410	U
206-44-0	Fluoranthene	410	U
129-00-0	Pyrene	520	
85-68-7	Butylbenzylphthalate	410	U
91-94-1	3,3'-Dichlorobenzidine	410	U
117-81-7	bis(2-ethylhexyl)Phthalate	410	U
56-55-3	Benzo(a)anthracene	410	U
218-01-9	Chrysene	410	U
117-84-0	Di-n-octylphthalate	410	U
205-99-2	Benzo(b)fluoranthene	410	U
207-08-9	Benzo(k)fluoranthene	410	U
50-32-8	Benzo(a)pyrene	410	U
193-39-5	Indeno(1,2,3-cd)pyrene	410	U
53-70-3	Dibenzo(a,h)anthracene	410	U
191-24-2	Benzo(g,h,i)perylene	410	U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SIDE 2DL

Lab Name: COMPUCHEM Method: 8270C

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 6924

Matrix: (soil/water) SOIL Lab Sample ID: 692402DL

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 692402DA66

Level: (low/med) LOW Date Received: 06/17/05

% Moisture: 19 decanted: (Y/N) N Date Extracted:06/21/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/24/05

Injection Volume: 1.0(uL) Dilution Factor: 3.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	1200	U
108-95-2	Phenol	1200	U
111-44-4	Bis(2-chloroethyl)ether	1200	U
95-57-8	2-Chlorophenol	1200	U
95-48-7	2-Methylphenol	1200	U
108-60-1	2,2'-oxybis(1-Chloropropane)	1200	U
98-86-2	Acetophenone	1200	U
106-44-5	4-Methylphenol	2400	U
621-64-7	N-Nitroso-di-N-propylamine	1200	U
67-72-1	Hexachloroethane	1200	U
98-95-3	Nitrobenzene	1200	U
78-59-1	Isophorone	1200	U
88-75-5	2-Nitrophenol	1200	U
105-67-9	2,4-Dimethylphenol	1200	U
111-91-1	Bis(2-chloroethoxy)methane	1200	U
120-83-2	2,4-Dichlorophenol	1200	U
91-20-3	Naphthalene	3100	D
106-47-8	4-Chloroaniline	1200	U
87-68-3	Hexachlorobutadiene	1200	U
105-60-2	Caprolactam	1200	U
59-50-7	4-Chloro-3-methylphenol	1200	U
91-57-6	2-Methylnaphthalene	13000	D
77-47-4	Hexachlorocyclopentadiene	1200	U
88-06-2	2,4,6-Trichlorophenol	1200	U
95-95-4	2,4,5-Trichlorophenol	1200	U
92-52-4	1,1'-Biphenyl	1500	D
91-58-7	2-Chloronaphthalene	1200	U
88-74-4	2-Nitroaniline	2400	U
131-11-3	Dimethylphthalate	1200	U
606-20-2	2,6-Dinitrotoluene	1200	U
208-96-8	Acenaphthylene	1200	U
99-09-2	3-Nitroaniline	2400	U
83-32-9	Acenaphthene	1200	U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SIDE 2DL

Lab Name: COMPUCHEM Method: 8270C

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 6924

Matrix: (soil/water) SOIL Lab Sample ID: 692402DL

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 692402DA66

Level: (low/med) LOW Date Received: 06/17/05

% Moisture: 19 decanted: (Y/N) N Date Extracted: 06/21/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/24/05

Injection Volume: 1.0(uL) Dilution Factor: 3.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	2400	U
100-02-7	4-Nitrophenol	2400	U
121-14-2	2,4-Dinitrotoluene	1200	U
132-64-9	Dibenzofuran	1200	U
84-66-2	Diethylphthalate	1200	U
7005-72-3	4-Chlorophenyl-phenylether	1200	U
86-73-7	Fluorene	1500	D
100-01-6	4-Nitroaniline	2400	U
534-52-1	4,6-Dinitro-2-methylphenol	2400	U
86-30-6	N-Nitrosodiphenylamine (1)	1200	U
101-55-3	4-Bromophenyl-phenylether	1200	U
118-74-1	Hexachlorobenzene	1200	U
1912-24-9	Atrazine	1200	U
87-86-5	Pentachlorophenol	2400	U
85-01-8	Phenanthrene	2700	D
120-12-7	Anthracene	1200	U
86-74-8	Carbazole	1200	U
84-74-2	Di-n-butylphthalate	1200	U
206-44-0	Fluoranthene	1200	U
129-00-0	Pyrene	1200	U
85-68-7	Butylbenzylphthalate	1200	U
91-94-1	3,3'-Dichlorobenzidine	1200	U
117-81-7	bis(2-ethylhexyl)Phthalate	1200	U
56-55-3	Benzo(a)anthracene	1200	U
218-01-9	Chrysene	1200	U
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo(b)fluoranthene	1200	U
207-08-9	Benzo(k)fluoranthene	1200	U
50-32-8	Benzo(a)pyrene	1200	U
193-39-5	Indeno(1,2,3-cd)pyrene	1200	U
53-70-3	Dibenzo(a,h)anthracene	1200	U
191-24-2	Benzo(g,h,i)perylene	1200	U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SIDE 3

Lab Name: COMPUCHEM Method: 8270C

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 6924

Matrix: (soil/water) SOIL Lab Sample ID: 692403

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 692403A66

Level: (low/med) LOW Date Received: 06/17/05

% Moisture: 19 decanted: (Y/N) N Date Extracted: 06/21/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/24/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	410	U
108-95-2	Phenol	410	U
111-44-4	Bis(2-chloroethyl)ether	410	U
95-57-8	2-Chlorophenol	410	U
95-48-7	2-Methylphenol	410	U
108-60-1	2,2'-oxybis(1-Chloropropane)	410	U
98-86-2	Acetophenone	410	U
106-44-5	4-Methylphenol	810	U
621-64-7	N-Nitroso-di-N-propylamine	410	U
67-72-1	Hexachloroethane	410	U
98-95-3	Nitrobenzene	410	U
78-59-1	Isophorone	410	U
88-75-5	2-Nitrophenol	410	U
105-67-9	2,4-Dimethylphenol	410	U
111-91-1	Bis(2-chloroethoxy)methane	410	U
120-83-2	2,4-Dichlorophenol	410	U
91-20-3	Naphthalene	410	U
106-47-8	4-Chloroaniline	410	U
87-68-3	Hexachlorobutadiene	410	U
105-60-2	Caprolactam	410	U
59-50-7	4-Chloro-3-methylphenol	410	U
91-57-6	2-Methylnaphthalene	490	
77-47-4	Hexachlorocyclopentadiene	410	U
88-06-2	2,4,6-Trichlorophenol	410	U
95-95-4	2,4,5-Trichlorophenol	410	U
92-52-4	1,1'-Biphenyl	410	U
91-58-7	2-Chloronaphthalene	410	U
88-74-4	2-Nitroaniline	810	U
131-11-3	Dimethylphthalate	410	U
606-20-2	2,6-Dinitrotoluene	410	U
208-96-8	Acenaphthylene	410	U
99-09-2	3-Nitroaniline	810	U
83-32-9	Acenaphthene	410	U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SIDE 3

Lab Name: COMPUCHEM Method: 8270C

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 6924

Matrix: (soil/water) SOIL Lab Sample ID: 692403

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 692403A66

Level: (low/med) LOW Date Received: 06/17/05

% Moisture: 19 decanted: (Y/N) N Date Extracted: 06/21/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/24/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	810	U
100-02-7	4-Nitrophenol	810	U
121-14-2	2,4-Dinitrotoluene	410	U
132-64-9	Dibenzofuran	410	U
84-66-2	Diethylphthalate	410	U
7005-72-3	4-Chlorophenyl-phenylether	410	U
86-73-7	Fluorene	410	U
100-01-6	4-Nitroaniline	810	U
534-52-1	4,6-Dinitro-2-methylphenol	810	U
86-30-6	N-Nitrosodiphenylamine (1)	410	U
101-55-3	4-Bromophenyl-phenylether	410	U
118-74-1	Hexachlorobenzene	410	U
1912-24-9	Atrazine	410	U
87-86-5	Pentachlorophenol	810	U
85-01-8	Phenanthrene	510	
120-12-7	Anthracene	410	U
86-74-8	Carbazole	410	U
84-74-2	Di-n-butylphthalate	410	U
206-44-0	Fluoranthene	410	U
129-00-0	Pyrene	960	
85-68-7	Butylbenzylphthalate	410	U
91-94-1	3,3'-Dichlorobenzidine	410	U
117-81-7	bis(2-ethylhexyl)Phthalate	410	U
56-55-3	Benzo(a)anthracene	410	U
218-01-9	Chrysene	410	U
117-84-0	Di-n-octylphthalate	410	U
205-99-2	Benzo(b)fluoranthene	410	U
207-08-9	Benzo(k)fluoranthene	410	U
50-32-8	Benzo(a)pyrene	410	U
193-39-5	Indeno(1,2,3-cd)pyrene	410	U
53-70-3	Dibenzo(a,h)anthracene	410	U
191-24-2	Benzo(g,h,i)perylene	410	U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SIDE 4

Lab Name: COMPUCHEM Method: 8270C

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 6924

Matrix: (soil/water) SOIL Lab Sample ID: 692404

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 692404A66

Level: (low/med) LOW Date Received: 06/17/05

% Moisture: 20 decanted: (Y/N) N Date Extracted: 06/21/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/24/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	410	U
108-95-2	Phenol	410	U
111-44-4	Bis(2-chloroethyl)ether	410	U
95-57-8	2-Chlorophenol	410	U
95-48-7	2-Methylphenol	410	U
108-60-1	2,2'-oxybis(1-Chloropropane)	410	U
98-86-2	Acetophenone	410	U
106-44-5	4-Methylphenol	830	U
621-64-7	N-Nitroso-di-N-propylamine	410	U
67-72-1	Hexachloroethane	410	U
98-95-3	Nitrobenzene	410	U
78-59-1	Isophorone	410	U
88-75-5	2-Nitrophenol	410	U
105-67-9	2,4-Dimethylphenol	410	U
111-91-1	Bis(2-chloroethoxy)methane	410	U
120-83-2	2,4-Dichlorophenol	410	U
91-20-3	Naphthalene	410	U
106-47-8	4-Chloroaniline	410	U
87-68-3	Hexachlorobutadiene	410	U
105-60-2	Caprolactam	410	U
59-50-7	4-Chloro-3-methylphenol	410	U
91-57-6	2-Methylnaphthalene	1100	
77-47-4	Hexachlorocyclopentadiene	410	U
88-06-2	2,4,6-Trichlorophenol	410	U
95-95-4	2,4,5-Trichlorophenol	410	U
92-52-4	1,1'-Biphenyl	410	U
91-58-7	2-Chloronaphthalene	410	U
88-74-4	2-Nitroaniline	830	U
131-11-3	Dimethylphthalate	410	U
606-20-2	2,6-Dinitrotoluene	410	U
208-96-8	Acenaphthylene	410	U
99-09-2	3-Nitroaniline	830	U
83-32-9	Acenaphthene	410	U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SIDE 4

Lab Name: COMPUCHEM Method: 8270C

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 6924

Matrix: (soil/water) SOIL Lab Sample ID: 692404

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 692404A66

Level: (low/med) LOW Date Received: 06/17/05

% Moisture: 20 decanted: (Y/N) N Date Extracted: 06/21/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/24/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	830	U
100-02-7	4-Nitrophenol	830	U
121-14-2	2,4-Dinitrotoluene	410	U
132-64-9	Dibenzofuran	410	U
84-66-2	Diethylphthalate	410	U
7005-72-3	4-Chlorophenyl-phenylether	410	U
86-73-7	Fluorene	410	U
100-01-6	4-Nitroaniline	830	U
534-52-1	4,6-Dinitro-2-methylphenol	830	U
86-30-6	N-Nitrosodiphenylamine (1)	410	U
101-55-3	4-Bromophenyl-phenylether	410	U
118-74-1	Hexachlorobenzene	410	U
1912-24-9	Atrazine	410	U
87-86-5	Pentachlorophenol	830	U
85-01-8	Phenanthrene	410	U
120-12-7	Anthracene	410	U
86-74-8	Carbazole	410	U
84-74-2	Di-n-butylphthalate	410	U
206-44-0	Fluoranthene	410	U
129-00-0	Pyrene	410	U
85-68-7	Butylbenzylphthalate	410	U
91-94-1	3,3'-Dichlorobenzidine	410	U
117-81-7	bis(2-ethylhexyl)Phthalate	410	U
56-55-3	Benzo(a)anthracene	410	U
218-01-9	Chrysene	410	U
117-84-0	Di-n-octylphthalate	410	U
205-99-2	Benzo(b)fluoranthene	410	U
207-08-9	Benzo(k)fluoranthene	410	U
50-32-8	Benzo(a)pyrene	410	U
193-39-5	Indeno(1,2,3-cd)pyrene	410	U
53-70-3	Dibenzo(a,h)anthracene	410	U
191-24-2	Benzo(g,h,i)perylene	410	U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

BOTTOM

Lab Name: COMPUCHEM Method: 8270C

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 6924

Matrix: (soil/water) SOIL Lab Sample ID: 692405

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 692405A66

Level: (low/med) LOW Date Received: 06/17/05

% Moisture: 21 decanted: (Y/N) N Date Extracted: 06/21/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/24/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	420	U
108-95-2	Phenol	420	U
111-44-4	Bis(2-chloroethyl)ether	420	U
95-57-8	2-Chlorophenol	420	U
95-48-7	2-Methylphenol	420	U
108-60-1	2,2'-oxybis(1-Chloropropane)	420	U
98-86-2	Acetophenone	420	U
106-44-5	4-Methylphenol	840	U
621-64-7	N-Nitroso-di-N-propylamine	420	U
67-72-1	Hexachloroethane	420	U
98-95-3	Nitrobenzene	420	U
78-59-1	Isophorone	420	U
88-75-5	2-Nitrophenol	420	U
105-67-9	2,4-Dimethylphenol	420	U
111-91-1	Bis(2-chloroethoxy)methane	420	U
120-83-2	2,4-Dichlorophenol	420	U
91-20-3	Naphthalene	21000	E
106-47-8	4-Chloroaniline	420	U
87-68-3	Hexachlorobutadiene	420	U
105-60-2	Caprolactam	420	U
59-50-7	4-Chloro-3-methylphenol	420	U
91-57-6	2-Methylnaphthalene	71000	E
77-47-4	Hexachlorocyclopentadiene	420	U
88-06-2	2,4,6-Trichlorophenol	420	U
95-95-4	2,4,5-Trichlorophenol	420	U
92-52-4	1,1'-Biphenyl	5600	
91-58-7	2-Chloronaphthalene	420	U
88-74-4	2-Nitroaniline	840	U
131-11-3	Dimethylphthalate	420	U
606-20-2	2,6-Dinitrotoluene	420	U
208-96-8	Acenaphthylene	420	U
99-09-2	3-Nitroaniline	840	U
83-32-9	Acenaphthene	3100	

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

BOTTOM

Lab Name: COMPUCHEM Method: 8270C

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 6924

Matrix: (soil/water) SOIL Lab Sample ID: 692405

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 692405A66

Level: (low/med) LOW Date Received: 06/17/05

% Moisture: 21 decanted: (Y/N) N Date Extracted: 06/21/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/24/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	840	U
100-02-7	4-Nitrophenol	840	U
121-14-2	2,4-Dinitrotoluene	420	U
132-64-9	Dibenzofuran	1000	
84-66-2	Diethylphthalate	420	U
7005-72-3	4-Chlorophenyl-phenylether	420	U
86-73-7	Fluorene	4400	
100-01-6	4-Nitroaniline	840	U
534-52-1	4,6-Dinitro-2-methylphenol	840	U
86-30-6	N-Nitrosodiphenylamine (1)	420	U
101-55-3	4-Bromophenyl-phenylether	420	U
118-74-1	Hexachlorobenzene	420	U
1912-24-9	Atrazine	420	U
87-86-5	Pentachlorophenol	840	U
85-01-8	Phenanthrene	14000	E
120-12-7	Anthracene	420	U
86-74-8	Carbazole	580	
84-74-2	Di-n-butylphthalate	420	U
206-44-0	Fluoranthene	420	U
129-00-0	Pyrene	2500	
85-68-7	Butylbenzylphthalate	420	U
91-94-1	3,3'-Dichlorobenzidine	420	U
117-81-7	bis(2-ethylhexyl)Phthalate	420	U
56-55-3	Benzo(a)anthracene	420	U
218-01-9	Chrysene	420	U
117-84-0	Di-n-octylphthalate	420	U
205-99-2	Benzo(b)fluoranthene	420	U
207-08-9	Benzo(k)fluoranthene	420	U
50-32-8	Benzo(a)pyrene	420	U
193-39-5	Indeno(1,2,3-cd)pyrene	420	U
53-70-3	Dibenzo(a,h)anthracene	420	U
191-24-2	Benzo(g,h,i)perylene	420	U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

BOTTOMDL

Lab Name: COMPUCHEM Method: 8270C

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 6924

Matrix: (soil/water) SOIL Lab Sample ID: 692405DL

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 692405DA66

Level: (low/med) LOW Date Received: 06/17/05

% Moisture: 21 decanted: (Y/N) N Date Extracted:06/21/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/24/05

Injection Volume: 1.0(uL) Dilution Factor: 20.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	8400	U
108-95-2	Phenol	8400	U
111-44-4	Bis(2-chloroethyl)ether	8400	U
95-57-8	2-Chlorophenol	8400	U
95-48-7	2-Methylphenol	8400	U
108-60-1	2,2'-oxybis(1-Chloropropane)	8400	U
98-86-2	Acetophenone	8400	U
106-44-5	4-Methylphenol	17000	U
621-64-7	N-Nitroso-di-N-propylamine	8400	U
67-72-1	Hexachloroethane	8400	U
98-95-3	Nitrobenzene	8400	U
78-59-1	Isophorone	8400	U
88-75-5	2-Nitrophenol	8400	U
105-67-9	2,4-Dimethylphenol	8400	U
111-91-1	Bis(2-chloroethoxy)methane	8400	U
120-83-2	2,4-Dichlorophenol	8400	U
91-20-3	Naphthalene	22000	D
106-47-8	4-Chloroaniline	8400	U
87-68-3	Hexachlorobutadiene	8400	U
105-60-2	Caprolactam	8400	U
59-50-7	4-Chloro-3-methylphenol	8400	U
91-57-6	2-Methylnaphthalene	78000	D
77-47-4	Hexachlorocyclopentadiene	8400	U
88-06-2	2,4,6-Trichlorophenol	8400	U
95-95-4	2,4,5-Trichlorophenol	8400	U
92-52-4	1,1'-Biphenyl	8400	U
91-58-7	2-Chloronaphthalene	8400	U
88-74-4	2-Nitroaniline	17000	U
131-11-3	Dimethylphthalate	8400	U
606-20-2	2,6-Dinitrotoluene	8400	U
208-96-8	Acenaphthylene	8400	U
99-09-2	3-Nitroaniline	17000	U
83-32-9	Acenaphthene	8400	U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

BOTTOMDL

Lab Name: COMPUCHEM Method: 8270C

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 6924

Matrix: (soil/water) SOIL Lab Sample ID: 692405DL

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 692405DA66

Level: (low/med) LOW Date Received: 06/17/05

% Moisture: 21 decanted: (Y/N) N Date Extracted:06/21/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/24/05

Injection Volume: 1.0(uL) Dilution Factor: 20.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	17000	U
100-02-7	4-Nitrophenol	17000	U
121-14-2	2,4-Dinitrotoluene	8400	U
132-64-9	Dibenzofuran	8400	U
84-66-2	Diethylphthalate	8400	U
7005-72-3	4-Chlorophenyl-phenylether	8400	U
86-73-7	Fluorene	8400	U
100-01-6	4-Nitroaniline	17000	U
534-52-1	4,6-Dinitro-2-methylphenol	17000	U
86-30-6	N-Nitrosodiphenylamine (1)	8400	U
101-55-3	4-Bromophenyl-phenylether	8400	U
118-74-1	Hexachlorobenzene	8400	U
1912-24-9	Atrazine	8400	U
87-86-5	Pentachlorophenol	17000	U
85-01-8	Phenanthrene	15000	D
120-12-7	Anthracene	8400	U
86-74-8	Carbazole	8400	U
84-74-2	Di-n-butylphthalate	8400	U
206-44-0	Fluoranthene	8400	U
129-00-0	Pyrene	8400	U
85-68-7	Butylbenzylphthalate	8400	U
91-94-1	3,3'-Dichlorobenzidine	8400	U
117-81-7	bis(2-ethylhexyl)Phthalate	8400	U
56-55-3	Benzo(a)anthracene	8400	U
218-01-9	Chrysene	8400	U
117-84-0	Di-n-octylphthalate	8400	U
205-99-2	Benzo(b)fluoranthene	8400	U
207-08-9	Benzo(k)fluoranthene	8400	U
50-32-8	Benzo(a)pyrene	8400	U
193-39-5	Indeno(1,2,3-cd)pyrene	8400	U
53-70-3	Dibenzo(a,h)anthracene	8400	U
191-24-2	Benzo(g,h,i)perylene	8400	U

(1) - Cannot be separated from Diphenylamine

CompuChem
a division of Liberty Analytical Corp.

CHAIN OF CUSTODY

501 Madison Ave.
Cary, NC 27513
Phone: 919-379-4100 Fax 919-379-4040

№ 009896

Page 1 of 1

Courier
Airbill No.
Sampling Complete? Y or N

Client/Reporting Information

Company Name: East Coast Envnt
Address: 3709 Junction Blvd
City: Raleigh State: NC Zip: 27603
Project Contact: Will
Phone #: 772-0268
Sampler's Name: Will

Project Information

Project Name: 832 S. Hughes
Sampling Location: Apex
Turnaround time: Standard
Batch QC or Project Specific? If Specific, which Sample ID?
Are aqueous samples field filtered for metals? Y or N
Are high concentrations expected? Y or N? If yes, which ID(s)?

Matrices

GW - Ground water
WW - Waste water
SW - Surface water
SO - Soil/Sediment
TB - Trip Blank
RI - Rinsate
WP - Wipe
O - Other

pH / Sample Info (Lab Use)

CompuChem No (Lab Use)	Field ID	Collection Date	Collection Time	Matrix	# of bottles	Number of Preserved Bottles: HCl	NaOH	HNO3	H2SO4	MEOH	Other	Requested Analysis: EPA 8260	EPA 8270	MADEP VPH/EPH									
692401 694102	Side 1	6/17	3:10	So								X	X	X				X	Hold				
692402 694103	Side 2	"	3:20	"								X	X	X									
692403 694104	Side 3	"	3:30	"								X	X	X									
692404 694105	Side 4	"	3:40	"								X	X	X									

Lab Use Only

Sample Unpacked By:
Sample Order Entry By:
Samples Received in Good Condition? Y or N
If no, explain:

Cyanide samples checked for sulfide & chlorine? Y or NA
625 & Phenol samples checked for chlorine? Y or NA
608 samples checked for pH between 5.0-9.0? Y or NA

Comments

Sample Custody

Relinquished by:	Date/Time: 6-17 5:00	Received by:	Date/Time: 6/17/97 7:00
Relinquished by:	Date/Time:	Received by:	Date/Time:
Subcontact? Y or N If yes, where?	Custody Seal(s) intact? Y or N	On Ice? Y or N	Cooler Temp: 3.1 °C

Samples stored 60 days after date report mailed at no extra charge.

White & Yellow copy to lab • Pink copy for customer

CompuChem
a division of Liberty Analytical Corp.

CHAIN OF CUSTODY

501 Madison Ave.
Cary, NC 27513
Phone: 919-379-4100 Fax 919-379-4040

№ 009895

Page 1 of 1

Courier
Airbill No.
Sampling Complete? Y or N

Client/Reporting Information

Company Name: East Coast Environt
Address: 3709 Junction Blvd
City: Raleigh State: NC Zip: 27603
Project Contact: Will
Phone #: 772-0268
Sampler's Name:

Project Information

Project Name: 832 S. Hughes
Sampling Location: ADD
Turnaround time: Standard
Batch QC or Project Specific? If Specific, which Sample ID?
Are aqueous samples field filtered for metals? Y or N
Are high concentrations expected? Y or N? If yes, which ID(s)?

Requested Analysis (include method and bottle type)

CompuChem No (Lab Use)	Field ID	Collection Date	Collection Time	Matrix	# of bottles	Number of Preserved Bottles: HCl	NaOH	HNO3	H2SO4	MEOH	Other	EPA 8260	EPA 8270	NADEP VPH/EPH	pH/Sample Info (Lab Use)
694101	Bottom	6/17	3:00	Soil								X	X	X	

Matrices: GW - Ground water; WW - Waste water; SW - Surface water; SO - Soil/Sediment; TB - Trip Blank; RI - Rinsate; WP - Wipe; O - Other

Non-Fuel

Lab Use Only

Sample Unpacked By:
Sample Order Entry By:
Samples Received in Good Condition? Y or N
If no, explain:
Cyanide samples checked for sulfide & chlorine? Y or NA
625 & Phenol samples checked for chlorine? Y or NA
608 samples checked for pH between 5.0-9.0? Y or NA

Comments

Sample Custody

Relinquished by:
Date/Time: 6-17 5:00
Received by:
Date/Time: 6/17/98 17:00
Relinquished by:
Date/Time:
Received by:
Date/Time:
Subcontact? Y or N If yes, where?
Custody Seal(s) intact? Y or N
On Ice? Y or N
Cooler Temp: 3 °C

Samples stored 60 days after date report mailed at no extra charge.

White & Yellow copy to lab • Pink copy for customer

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: CompuChem

Project Name: 832 S. Hughes

Sample Information and Analytical Results	
Sample Identification	Side 1
Sample Matrix	Soil
Collection Option (for Soil)*	2
Date Collected	06/17/05
Date Received	06/21/05
Date Extracted	06/17/05
Date Analyzed	07/06/05
Dry Weight	83
Dilution Factor	2
C_5-C_8 Aliphatics**	< 20 (mg/Kg)
C_9-C_{12} Aliphatics**	43 (mg/Kg)
C_9-C_{10} Aromatics**	51 (mg/Kg)
Surrogate % Recovery - PID	220***
Surrogate % Recovery - FID	310***

* = Option 1 = Established fill line on vial, Option 2 = Sampling Device/Brand, or Option 3 = Field weight of soil.

** = Excludes any surrogates or internal standards.

***= High surrogate recovery due to matrix interference

Lab Info: G349-105-2A

Reviewed By: MA

EPH (Aliphatics/Aromatics) Results

by MDEP-EPH

Client Name: CompuChem

Project Name: 832 S. Hughes

Sample Information and Analytical Results .	
Sample Identification	Side 1
Sample Matrix	Soil
Date Collected	06/17/05
Date Received	06/21/05
Date Extracted	06/24/05
Date Analyzed	07/05/05
Dry Weight	82.5
Dilution Factor	10:5
C_9-C_{18} Aliphatics*	3800 (mg/Kg)
C_{19}-C_{36} Aliphatics*	660 (mg/Kg)
C_{11}-C_{22} Aromatics*	2100 (mg/Kg)
Aliphatic Surrogate % Recovery	NA
Aromatic Surrogate % Recovery	60
Fractionation Surrogate 1 % Recovery	95

Comments:

* = Excludes any surrogates or internal standards.

NA = Not applicable, surrogate diluted out.

Lab info: G349-105-2C

Reviewed By: MC

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: CompuChem

Project Name: 832 S. Hughes

Sample Information and Analytical Results	
Sample Identification	Side 2
Sample Matrix	Soil
Collection Option (for Soil)*	2
Date Collected	06/17/05
Date Received	06/21/05
Date Extracted	06/17/05
Date Analyzed	07/01/05
Dry Weight	80
Dilution Factor	1
C_5-C_8 Aliphatics**	15 (mg/Kg)
C_9-C_{12} Aliphatics**	75 (mg/Kg)
C_9-C_{10} Aromatics**	160 (mg/Kg)
Surrogate % Recovery - PID	260***
Surrogate % Recovery - FID	610***

* = Option 1 = Established fill line on vial, Option 2 = Sampling Device/Brand, or Option 3 = Field weight of soil.

** = Excludes any surrogates or internal standards.

***= High surrogate recovery due to matrix interference

Lab Info: g349-105-3a

Reviewed By: MC

EPH (Aliphatics/Aromatics) Results

by MDEP-EPH

Client Name: CompuChem

Project Name: 832 S. Hughes

Sample Information and Analytical Results	
Sample Identification	Side 2
Sample Matrix	Soil
Date Collected	06/17/05
Date Received	06/21/05
Date Extracted	06/24/05
Date Analyzed	07/02/05
Dry Weight	80.3
Dilution Factor	1:1
C_9-C_{18} Aliphatics*	930 (mg/Kg)
C_{19}-C_{36} Aliphatics*	230 (mg/Kg)
C_{11}-C_{22} Aromatics*	360 (mg/Kg)
Aliphatic Surrogate % Recovery	99
Aromatic Surrogate % Recovery	110
Fractionation Surrogate 1 % Recovery	44

Comments:

* = Excludes any surrogates or internal standards.

Lab info: G349-105-3C

Reviewed By: mm

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: CompuChem

Project Name: 832 S. Hughes

Sample Information and Analytical Results	
Sample Identification	Side 3
Sample Matrix	Soil
Collection Option (for Soil)*	2
Date Collected	06/17/05
Date Received	06/21/05
Date Extracted	06/17/05
Date Analyzed	06/25/05
Dry Weight	77
Dilution Factor	1
C_5-C_8 Aliphatics**	< 10 (mg/Kg)
C_9-C_{12} Aliphatics**	19 (mg/Kg)
C_9-C_{10} Aromatics**	25 (mg/Kg)
Surrogate % Recovery - PID	150***
Surrogate % Recovery - FID	150***

* = Option 1 = Established fill line on vial, Option 2 = Sampling Device/Brand, or Option 3 = Field weight of soil.

** = Excludes any surrogates or internal standards.

***= High surrogate recovery due to matrix interference

Lab Info: g349-105-4a

Reviewed By: MA

EPH (Aliphatics/Aromatics) Results

by MDEP-EPH

Client Name: CompuChem

Project Name: 832 S. Hughes

Sample Information and Analytical Results	
Sample Identification	Side 3
Sample Matrix	Soil
Date Collected	06/17/05
Date Received	06/21/05
Date Extracted	06/24/05
Date Analyzed	07/02/05
Dry Weight	76.9
Dilution Factor	1:1
C_9-C_{18} Aliphatics*	1700 (mg/Kg)
C_{19}-C_{36} Aliphatics*	410 (mg/Kg)
C_{11}-C_{22} Aromatics*	570 (mg/Kg)
Aliphatic Surrogate % Recovery	120
Aromatic Surrogate % Recovery	120
Fractionation Surrogate 1 % Recovery	47

Comments:

* = Excludes any surrogates or internal standards.

Lab info: G349-105-4C

Reviewed By:

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: CompuChem

Project Name: 832 S. Hughes

Sample Information and Analytical Results	
Sample Identification	Side 4
Sample Matrix	Soil
Collection Option (for Soil)*	2
Date Collected	06/17/05
Date Received	06/21/05
Date Extracted	06/17/05
Date Analyzed	06/25/05
Dry Weight	74
Dilution Factor	1
C_5-C_8 Aliphatics**	< 10 (mg/Kg)
C_9-C_{12} Aliphatics**	48 (mg/Kg)
C_9-C_{10} Aromatics**	64 (mg/Kg)
Surrogate % Recovery - PID	240***
Surrogate % Recovery - FID	400***

* = Option 1 = Established fill line on vial, Option 2 = Sampling Device/Brand, or Option 3 = Field weight of soil.

** = Excludes any surrogates or internal standards.

***= High surrogate recovery due to matrix interference

Lab Info: g349-105-5a

Reviewed By: MA

EPH (Aliphatics/Aromatics) Results

by MDEP-EPH

Client Name: CompuChem

Project Name: 832 S. Hughes

Sample Information and Analytical Results	
Sample Identification	Side 4
Sample Matrix	Soil
Date Collected	06/17/05
Date Received	06/21/05
Date Extracted	06/24/05
Date Analyzed	07/02/05
Dry Weight	74.5
Dilution Factor	1:1
C_9-C_{18} Aliphatics*	50 (mg/Kg)
C_{19}-C_{36} Aliphatics*	16 (mg/Kg)
C_{11}-C_{22} Aromatics*	< 10 (mg/Kg)
Aliphatic Surrogate % Recovery	84
Aromatic Surrogate % Recovery	77
Fractionation Surrogate 1 % Recovery	40

Comments:

* = Excludes any surrogates or internal standards.

Lab info: G349-105-5C

Reviewed By:

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: CompuChem

Project Name: 832 S. Hughes

Sample Information and Analytical Results	
Sample Identification	Bottom
Sample Matrix	Soil
Collection Option (for Soil)*	2
Date Collected	06/17/05
Date Received	06/21/05
Date Extracted	06/17/05
Date Analyzed	06/25/05
Dry Weight	69
Dilution Factor	1
C_5-C_8 Aliphatics**	< 10 (mg/Kg)
C_9-C_{12} Aliphatics**	< 10 (mg/Kg)
C_9-C_{10} Aromatics**	< 10 (mg/Kg)
Surrogate % Recovery - PID	130
Surrogate % Recovery - FID	130

* = Option 1 = Established fill line on vial, Option 2 = Sampling Device/Brand, or Option 3 = Field weight of soil.

** = Excludes any surrogates or internal standards.

Lab Info: g349-105-1a

Reviewed By: MW

EPH (Aliphatics/Aromatics) Results

by MDEP-EPH

Client Name: CompuChem

Project Name: 832 S. Hughes

Sample Information and Analytical Results	
Sample Identification	Bottom
Sample Matrix	Soil
Date Collected	06/17/05
Date Received	06/21/05
Date Extracted	06/24/05
Date Analyzed	07/05/05
Dry Weight	69.2
Dilution Factor	10:5
C_9-C_{18} Aliphatics*	5200 (mg/Kg)
C_{19}-C_{36} Aliphatics*	890 (mg/Kg)
C_{11}-C_{22} Aromatics*	2100 (mg/Kg)
Aliphatic Surrogate % Recovery	NA
Aromatic Surrogate % Recovery	130
Fractionation Surrogate 1 % Recovery	90

Comments:

* = Excludes any surrogates or internal standards.

NA = Not applicable, surrogate diluted out.

Lab info: G349-105-1C

Reviewed By: MP

Attachment 2

VPH Laboratory Reporting Form

Calibration and QA/QC Information

FID Initial Calibration Date: 06/08/05 PID Initial Calibration Date: 06/08/05

Calibration Ranges and Limits

Range	MDL (07/15/2004) (µg/L)	ML (µg/L)	RL (µg/L)	RL (mg/Kg)
C_5-C_8 Aliphatics	4.4	14	100	10
C_9-C_{12} Aliphatics	3.4	11	100	10
C_9-C_{10} Aromatics	0.13	0.41	100	10

Calibration Concentration Levels

Range	Levels (µg/L)	%RSD or CCC	Method of Quantitation
C_5-C_8 Aliphatics	40	3.6	Calibration Factor
	1000		
	2000		
	3000		
	4000		
C_9-C_{12} Aliphatics	10	0.988	Linear Regression
	250		
	500		
	750		
	1000		
C_9-C_{10} Aromatics	10	12.9	Calibration Factor
	250		
	500		
	750		
	1000		

Calibration Check Date: 06/24/05

Calibration Check

Range	Levels (µg/L)	Levels (mg/Kg)	RPD
C_5-C_8 Aliphatics	2000	200	12.9
C_9-C_{12} Aliphatics	500	50	-11.9
C_9-C_{10} Aromatics	500	50	-1.7

MDL = Method Detection Limit
ML = Minimum Limit
RL = Reportable Limit
RPD = Relative Percent Difference
%RSD = Percent Relative Standard Deviation
CCC = Correlation Coefficient of Curve

Attachment 2

VPH Laboratory Reporting Form

Calibration and QA/QC Information

FID Initial Calibration Date: 06/08/05 PID Initial Calibration Date: 06/08/05

Calibration Ranges and Limits

Range	MDL (07/15/2004) (µg/L)	ML (µg/L)	RL (µg/L)	RL (mg/Kg)
C_5-C_8 Aliphatics	4.4	14	100	10
C_9-C_{12} Aliphatics	3.4	11	100	10
C_9-C_{10} Aromatics	0.13	0.41	100	10

Calibration Concentration Levels

Range	Levels (µg/L)	%RSD or CCC	Method of Quantitation
C_5-C_8 Aliphatics	40	3.6	Calibration Factor
	1000		
	2000		
	3000		
	4000		
C_9-C_{12} Aliphatics	10	0.988	Linear Regression
	250		
	500		
	750		
	1000		
C_9-C_{10} Aromatics	10	12.9	Calibration Factor
	250		
	500		
	750		
	1000		

Calibration Check Date: 06/30/05

Calibration Check

Range	Levels (µg/L)	(mg/Kg)	RPD
C_5-C_8 Aliphatics	2000	200	12.7
C_9-C_{12} Aliphatics	500	50	-13.6
C_9-C_{10} Aromatics	500	50	-1.3

MDL = Method Detection Limit
ML = Minimum Limit
RL = Reportable Limit
RPD = Relative Percent Difference
%RSD = Percent Relative Standard Deviation
CCC = Correlation Coefficient of Curve

Attachment 2

VPH Laboratory Reporting Form

Calibration and QA/QC Information

FID Initial Calibration Date: 06/08/05 PID Initial Calibration Date: 06/08/05

Calibration Ranges and Limits

Range	MDL (07/15/2004) (µg/L)	ML (µg/L)	RL (µg/L)	RL (mg/Kg)
C_5-C_8 Aliphatics	4.4	14	100	10
C_9-C_{12} Aliphatics	3.4	11	100	10
C_9-C_{10} Aromatics	0.13	0.41	100	10

Calibration Concentration Levels

Range	Levels (µg/L)	%RSD or CCC	Method of Quantitation
C_5-C_8 Aliphatics	40	3.6	Calibration Factor
	1000		
	2000		
	3000		
	4000		
C_9-C_{12} Aliphatics	10	0.988	Linear Regression
	250		
	500		
	750		
	1000		
C_9-C_{10} Aromatics	10	12.9	Calibration Factor
	250		
	500		
	750		
	1000		

Calibration Check Date: 07/06/05

Calibration Check

Range	Levels (µg/L)	Levels (mg/Kg)	RPD
C_5-C_8 Aliphatics	2000	200	15.2
C_9-C_{12} Aliphatics	500	50	-8.8
C_9-C_{10} Aromatics	500	50	-4.4

MDL = Method Detection Limit
ML = Minimum Limit
RL = Reportable Limit
RPD = Relative Percent Difference
%RSD = Percent Relative Standard Deviation
CCC = Correlation Coefficient of Curve

Attachment 3

EPH Laboratory Reporting Form

Calibration and QA/QC Information

Initial Calibration Date: 07/05/05

Calibration Ranges and Limits

Range	MDL (2/2004) (µg/L)	ML (µg/L)	RL (µg/L)	RL (mg/Kg)
C_9-C_{18} Aliphatics	3.84	12.2	100	10
C_{19}-C_{36} Aliphatics	0.57	1.8	100	10
C_{11}-C_{22} Aromatics	4.54	14.4	100	10

Calibration Concentration Levels

Range	Levels (µg/mL)	%RSD or CCC	Method of Quantitation
C_9-C_{18} Aliphatics	6	16.80	Calibration Factor
	30		
	60		
	120		
	240		
C_{19}-C_{36} Aliphatics	8	9.4	Calibration Factor
	40		
	80		
	160		
	320		
C_{11}-C_{22} Aromatics	17	16.4	Calibration Factor
	85		
	170		
	340		
	680		

Calibration Check Date: 07/05/05

Calibration Check

Range	Levels (µg/mL)	RPD
C_9-C_{18} Aliphatics	60	7.5
C_{19}-C_{36} Aliphatics	80	5.0
C_{11}-C_{22} Aromatics	340	-6.8

MDL = Method Detection Limit
ML = Minimum Limit
RL = Reportable Limit
RPD = Relative Percent Difference
%RSD = Percent Relative Standard Deviation
CCC = Correlation Coefficient of Curve

Attachment 3

EPH Laboratory Reporting Form

Calibration and QA/QC Information

Initial Calibration Date: 03/14/05

Calibration Ranges and Limits

Range	MDL (2/2004) (µg/L)	ML (µg/L)	RL (µg/L)	RL (mg/Kg)
C_9-C_{18} Aliphatics	3.84	12.2	100	10
C_{19}-C_{36} Aliphatics	0.57	1.8	100	10
C_{11}-C_{22} Aromatics	4.54	14.4	100	10

Calibration Concentration Levels

Range	Levels (µg/mL)	%RSD or CCC	Method of Quantitation
C_9-C_{18} Aliphatics	6	8.10	Calibration Factor
	30		
	60		
	120		
	240		
C_{19}-C_{36} Aliphatics	8	5.1	Calibration Factor
	40		
	80		
	160		
	320		
C_{11}-C_{22} Aromatics	17	14.7	Calibration Factor
	85		
	170		
	340		
	680		

Calibration Check Date: 07/02/05

Calibration Check

Range	Levels (µg/mL)	RPD
C_9-C_{18} Aliphatics	120	3.8
C_{19}-C_{36} Aliphatics	160	-6.4
C_{11}-C_{22} Aromatics	340	12.5

MDL = Method Detection Limit
ML = Minimum Limit
RL = Reportable Limit
RPD = Relative Percent Difference
%RSD = Percent Relative Standard Deviation
CCC = Correlation Coefficient of Curve

List of Reporting Abbreviations and Data Qualifiers

B = Compound also detected in batch blank

BQL = Below Quantitation Limit

DF = Dilution Factor

Dup = Duplicate

E = Estimated concentration, exceeds calibration range.

J = Estimated concentration, below calibration range and above MDL

LCS(D) = Laboratory Control Spike (Duplicate)

MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

PQL = Practical Quantitation Limit

RL = Reporting Limit

RPD = Relative Percent Difference

mg/kg = milligram per kilogram, ppm, parts per million

ug/kg = micrograms per kilogram, ppb, parts per billion

mg/L = milligram per liter, ppm, parts per million

ug/L = micrograms per liter, ppb, parts per billion

% Rec = Percent Recovery

% soilds = Percent Solids

Special Notes:

1) Metals and mercury samples are digested with a hot block, see the standard operating procedure document for details.

2) Uncertainty for all reported data is less than or equal to 30 percent.

MI34.011404.1

G349-105 S 12055

SUBCONTRACT CHAIN-OF-CUSTODY RECORD

COMPUCHEM
a division of Liberty Analytical Corp.

501 Madison Avenue
Cary, NC 27513
1-800-833-5097

Project Name: 832 S. Hughes
TAT: 540.
Report style: 540.
Disk requirement: NA

Samples shipped to: Paradigm
Contact:
Address:
Phone: ( )
Project Locale (state)

CompuChem point-of-contact: (4) Diane Byrd
Phone: (919) 379-4100 X 4009
Fax: (919) 379-4050
Sampling complete? Y or N (see Note 1)
Project-specific (PS) or Batch (B) QC? _____

BOX #1 1. Surface Water 2. Ground Water 3. Leachate 4. Rinsate 5. Soil / Sediment / Sludge 6. Trip Blank 7. Oil 8. Waste 9. Other _____

BOX #2 A. HCl + Ice B. HNO_3 + Ice C. NaOH + Ice D. H_2SO_4 + Ice E. Unpreserved F. Ice Only G. Other _____ H. $NaHSO_4$ + Ice I. ZnAc+NaOH + Ice J. Methanol

BOX #3 F- Filtered U- Unfiltered

BOX #4 H- High M- Medium L- Low

BOX #5 C- CLP T- TCLP S- SW-846 W- CWA 600-series O- Other _____

Sample ID	Date / Year 05	Time	Box #1 Matrix	Box #2 Preservative	Box #3 Filtered / Unfiltered	Box #4 Expected Conc.	Box #5 Method	# of Bottles	Use for Lab QC (MS or DUP)	PARAMETERS: MADEP VPH/EPH					CCN	Remarks / Comments (see Notes 2 & 3)
BOTTOM	6/17	3:00	SO	—	—	—	0	2		✓					694101	
Side 1	6/17	3:10	SO				0	2		✓					694102	
Side 2	6/17	3:20	SO				0	2		✓					694103	
Side 3	6/17	3:30	SO				0	2		✓					694104	
Side 4	6/17	3:40	SO				0	2		✓					694105	

Clients Special Instructions: Cool & Preserved Temperature 0.2 °C

Lab: Received in good condition? Y or N Describe any problems:

#1 Relinquished by:(sig) Lynn Cain Date: 6-30-05	#2 Relinquished by:(sig) Date:	Relinquished by:(sig) Date:
Company Name: Compuchem Time: 4:40	Company Name: Time:	Company Name: Time:
#1 Received by:(sig) Julie Johnson Date: 6/30/05	#2 Received by:(sig) Date:	#2 Received by:(sig) Date:
Company Name: Paradigm Labs Time: 1010	Company Name: Time:	Company Name: Time:

Note (1) If "N" lab should batch samples to await remainder of project - maximizing batch size and minimizing QC ratio; if "Y" lab should begin processing batches now
Note (2) Samples should be stored 60 days after date report mailed at no extra charge.
Note (3) All lab copies of data should be retained for a minimum of 3 years
Note (4) Please call point-of-contact to verify receipt of samples

Revision 0 2-10-99

PARADIGM ANALYTICAL LABORATORIES, INC.

N.C. Certification #481 S.C. Certification #99029

EAST COAST
Environmental, P.A.

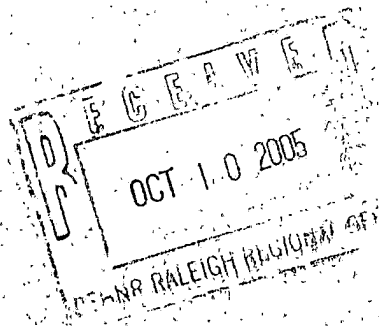
PHASE I LIMITED SITE ASSESSMENT
PREPARED IN RESPONSE TO A LEAKING HEATING OIL UNDERGROUND STORAGE TANK FORMERLY LOCATED AT:
832 S. HUGHES STREET
RALEIGH, WAKE COUNTY, NORTH CAROLINA
GROUNDWATER INCIDENT NUMBER: 26879

October 7, 2005

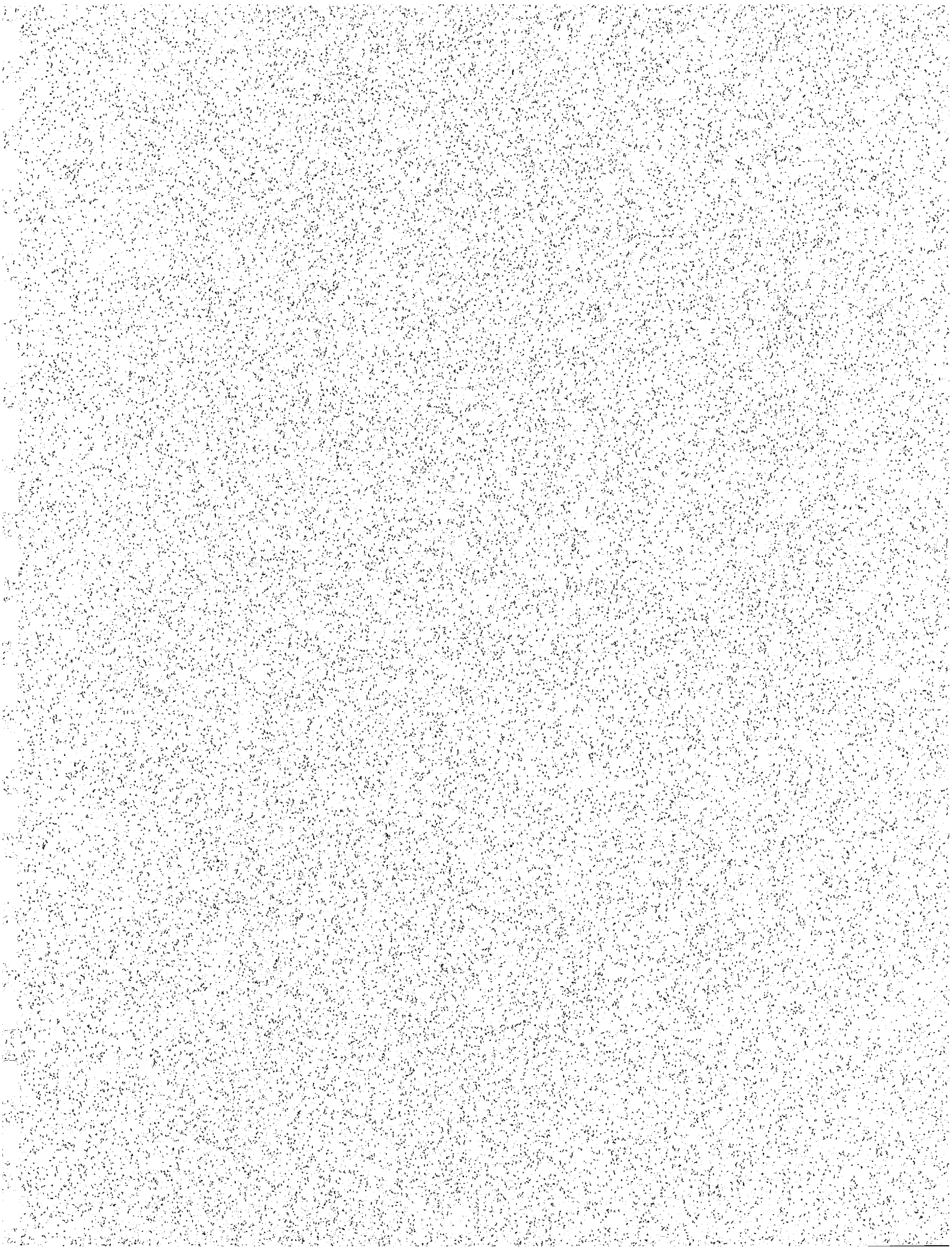
Responsible Party:
Mildred Riggsbee
900 S. Hughes Street
Apex, North Carolina 27502
(919) 362-6278

Current Property Owner:
Mildred Riggsbee
900 S. Hughes Street
Apex, North Carolina 27502
(919) 362-6278

Consultant:
East Coast Environmental, P.A.
3709 Junction Blvd.
Raleigh, North Carolina 27603
(919) 772-0268



Release Discovery Date: June 17, 2005
Cause of Release: Leaking Home Heating Oil UST System
UST Size and Contents: (1) 560-Gallon Heating Oil UST
Latitude: 35° 43.029, Longitude: 78° 50.914



List of Appendices

Section A Figures

Figure 1 Topographic Site Location Map
Figure 2 Adjacent Property Ownership/Receptor Location Map
Figure 3 Site Map with Former UST and Soil Sample Locations
Figure 4 Site Map with Monitoring Well Location

Section B Tables/Well Construction Record

Table 1 UST Information/Ownership
Table 2 Adjacent Property Ownership
Table 3 Summary of Analytical Data – Soil
Table 4 Summary of Analytical Data – Groundwater
Table 5 Summary of Well Construction Information
Monitoring Well Construction Record

Section C Laboratory Reports

Site History

The subject property, (hereinafter referred to as the "Site") is located at 832 S. Hughes Street, Apex, Wake County, North Carolina (See **Section A, Figure 1** for Site location). The Site currently contains a single family home.

The subject Underground Storage Tank (UST) was 560-gallons in capacity and installed in order to store heating oil for use as fuel for the home heating system. See **Section A, Figure 3** for former location of UST in relation to the Site. The release was discovered during UST removal activities completed on June 1, 2005 when a soil sample collected from underneath the UST (herein after referred to as T-1) was subsequently analyzed for Total Petroleum Hydrocarbons (TPH) by EPA Method 3350 and found to contain high boiling point TPH at a level of 7,800 mg/kg. After removal, the subject UST was inspected for signs of structural failure. It was found to be in poor condition with numerous holes across the bottom.

In response, Creekside Land Development of Zebulon, NC mobilized to the Site on June 17, 2005 in order to excavate and dispose of approximately 51.8 tons of petroleum contaminated soil from around the former UST area. The final limits of this excavation measured approximately 12-feet in length by 10-feet in width by 9-feet in depth. See **Section A, Figure 3** for approximate final dimensions of petroleum contaminated soils excavation in relation to the Site.

At the conclusion of UST and petroleum contaminated soil removal activities, a series of soil samples were collected from the final limits of the excavations, and a report was subsequently prepared by East Coast Environmental, P.A. (ECE) and dated July 16, 2005 in order to satisfy the reporting requirements of 15A NCAC 2N .0703.

In response, the North Carolina Department of Environment and Natural Resources (NCDENR) issued a July 25, 2005 Notice of Regulatory Requirements (NRR) letter to Ms. Riggsbee requiring her to comply with the reporting requirements of 15A NCAC 2L .0115(C)(4).

The remaining sections of this report have been compiled to achieve compliance with the requirements of 15A NCAC 2L .0115.

Limited Site Assessment Report

A. Site Identification

DATE OF REPORT: October 7, 2005
Facility I.D.: N/A UST Incident Number (if known): 26879
Site Name: 832 S. Hughes Street
Site Location: 832 S. Hughes Street
Nearest City/Town: Apex County: Wake

UST Owner: Mildred Riggsbee
Address: 900 S. Hughes Street, Apex, NC 27502 Phone: (919) 362-6278

UST Operator: Mildred Riggsbee
Address: 900 S. Hughes Street, Apex, NC 27502 Phone: (919) 362-6278

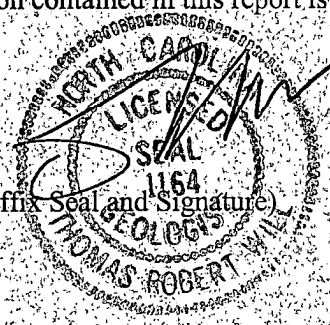
Property Owner: Mildred Riggsbee
Address: 900 S. Hughes Street, Raleigh, NC 27502 Phone: (919) 362-6278

Property Occupants: Mildred Riggsbee Heirs
Address: 832 S. Hughes Street, Apex, NC 27502 Phone: (919) 818-1885

Consultant/Contractor: East Coast Environmental, P.A.
Address: 3709 Junction Blvd., Raleigh, NC 27603 Phone: (919) 772-0268

Release Information
Date Discovered: June 1, 2005
Latitude: 35° 43.029 **Longitude**: 78° 50.914
Estimated Quantity of Release: unknown
Cause of Release: Leaking UST
Source of Release (e.g., Piping/UST): 560-gallon UST
Sizes and contents of UST system(s) from which the release occurred): (1) 560-gallon heating oil UST

I, Thomas R. Will a Licensed Geologist for East Coast Environmental, P.A. do certify that the information contained in this report is correct and accurate to the best of my knowledge.



(Please Affix Seal and Signature)

B. Risk Characterization

Submit the following questionnaire in its entirety. Answer all questions completely. Attach additional pages as needed to fully explain answers. Base answers/explanations on information known or required to be obtained during the Limited Site Assessment.

NOTE: *Source area means point of release from a UST system.*

Limited Site Assessment Risk Classification and Land Use Form

Part I – Groundwater/Surface Water/Vapor Impacts

High Risk

1. Has the release contaminated any water supply well including any well used for non-drinking purposes? ☐YES ☒NO
2. Is a water supply well used for drinking water located within 1,000 feet of the source area of the release? ☒YES ☐NO
3. Is a water supply well not used for drinking water (e.g., irrigation, washing cars, industrial cooling water, filling swimming pools) located within 250 feet of the source area of the release? ☐YES ☒NO
4. Does groundwater within 500 feet of the source area of the release have the potential for future use (there is no other source of water supply other than the groundwater)? ☐YES ☒NO
5. Do vapors from the release pose a threat of explosion because of accumulation of the vapors in a confined space or pose any other serious threat to public health, public safety or the environment? ☐YES ☒NO

   If yes, describe.

   _____

6. Are there any other factors that would cause the release to pose an imminent danger to public health, public safety, or the environment? ☐YES ☒NO

   If yes, describe.

   _____

Intermediate Risk

6. Is a surface water body located within 500 feet of the source area of the release? ☐YES ☒NO

   If **YES**, does the maximum groundwater contaminant concentration exceed the surface water quality standards and criteria found in 15A NCAC 2B .0200 by a factor of 10? ☐YES ☒NO

7. Is the source area of the release located within an approved or planned wellhead protection area as defined in 42 USC 300h-7(e)? ☐YES ☒NO

   If yes, describe.

8. Is the release located in the Coastal Plain physiographic region as designated on a map entitled "Geology of North Carolina" published by the Department in 1985? ☐YES ☒NO

   If **YES**, is the source area of the release located in an area in which there is recharge to an unconfined or semi-confined deeper aquifer that is being used or may be used as a source of drinking water? ☐YES ☒NO

   If **YES**, describe. _____

   Do the levels of groundwater contamination for any contaminant exceed the gross contamination levels (see Table 9) established by the Department? ☐YES ☒NO

Part II - Land Use

Property Containing Source Area of Release

The questions below pertain to the property containing the source area of the release.

1. Does the property contain one or more primary or secondary residences (permanent or temporary)? ☒YES ☐NO
   Describe. Yes, the property is occupied by a single family residence

   Does the property contain a school, daycare center, hospital, playground, park, recreation area, church, nursing home, or other place of public assembly? ☐YES ☒NO
   Describe.

2. Does the property contain a commercial (e.g., retail, warehouse, office/business space, etc.) or industrial (e.g., manufacturing, utilities, industrial research and development, chemical/petroleum bulk storage, etc.) enterprise, an inactive commercial or industrial enterprise, or is the land undeveloped? ☐YES ☒NO
   Describe. The property is currently occupied by a single family residence.

   Do children visit the property? ☒YES ☐NO
   Explain. While no children currently live at the subject site, they can visit the property as guests of the occupants.

   Is access to the property reliably restricted consistent with its use (e.g., by fences, security personnel or both)? ☐YES ☒NO
   Explain. Access to the property is not restricted by fences.

3. Do pavement, buildings, or other structures cap the contaminated soil? ☐YES ☒NO
   Describe. The area where the release was discovered is finished with grass.

   If yes, what mechanisms are in place or can be put into place to ensure that the contaminated soil will remain capped in the foreseeable future?

4. What is the zoning status of the property? The Site is zoned by the Town of Apex as "RA", (Residential/Agricultural) which is meant for either residences or light agricultural use.

5. Is the use of the property likely to change in the next 20 years? ☒YES ☐NO
   Explain. The property is currently under consideration for residential development.

Property Surrounding Source Area of Release

The questions below pertain to the area within 1,500 feet of the source area of the release (excludes property containing source area of the release):

1. What is the distance from the source area of the release to the **nearest** primary or secondary residence (permanent or temporary)? The nearest offsite private residence is located approximately 160 feet east of the release area.

2. What is the distance from the source area of the release to the **nearest** school, daycare center, hospital, playground, park, recreation area, church, nursing home or other place of public assembly? The nearest place of public assembly is a soccer park located approximately 400-feet west of the release area.

3. What is the zoning status of properties in the surrounding area? The immediately surrounding properties surrounding the Site are all zoned by the Town of Apex as either "RA" Residential/Agricultural, "O/I" (Office/Institutional) or "TF" (Tech/Flex) See **Figure 2**.

4. Briefly characterize the use and activities of the land in the surrounding area. The surrounding area within 1,000-feet of the source area is used for residential and business purposes.

C. Receptor Information

1. Water Supply Wells (Complete and attach Table B-5 and attach map showing well locations)

ECE completed a walkthrough of all properties located within a 1,000-foot radius of the Site. One water supply well was found to be located within a 1,000-foot radius of the release area. This well is located approximately 150-feet east of the former UST area and is owned by the Gertrude Perry Family Farm c/o Ms. Mildred Riggsbee. This well has not been in use since the 1950's and can easily be abandoned in order to remove it from consideration. See **Figure 2** for supply well location and **Section B, Table 5** for supply well construction information.

2. Public Water Supplies

Are public water supplies available within 1,500 feet of the source area of the release? ☒**YES** ☐**NO**
If yes, where is the location of the nearest public water lines and the source(s) of the public water supply. (indicate on map) Describe.

The Town of Apex supplies water to all properties located within a 1,500-feet radius of the Site. A 12 inch buried Town of Apex water supply line is located adjacent to the south side of S. Hughes Street as indicated in **Figure 2**.

3. Surface Water

Identify all surface water bodies (e.g., ditch, pond, stream, lake, river) within 500-feet of the source area of the release. This information must be shown on the USGS topographic map.

The closest surface water body is an unnamed pond located approximately 650 feet northeast of the source area. See **Section A, Figure 2.**

4. Wellhead Protection Areas

Identify all planned or approved wellhead protection areas (e.g., ditch, pond, stream, lake, river) within 1,500 feet of the source area of the release. This information must be shown on the USGS topographic map. Wellhead protection areas are defined in 42 USC 300h-7(e).

On September 28, 2005, ECE reviewed the NCDENR-Public Water Supply-Wellhead Protection Program files for the presence of wellhead protection areas within 1,500-feet of the Site. None were found to be located within 1,500-feet of the source area.

5. Describe Deep Aquifers in the Coastal Plain Physiographic Region

The Site is not located within the Coastal Plain Physiographic Region as defined by the Geologic Map Of North Carolina, 1985, published by the *Department of Natural Resources and Community Development, Division of Land Resources, North Carolina Geologic Survey*.

6. Describe Subsurface Structures

There are no subsurface structures located in close proximity to the former UST area. No nearby storm water catch basins or basements were noted in close proximity to the former UST area.

7. Property Owners and Occupants

Section B, Table 2 provides a listing the names and addresses of property owners and occupants within or contiguous to the area containing contamination and all property owners and occupants within or contiguous to the area where the contamination is expected to migrate.

Property ownership information was obtained through the Wake County GIS Department. The Site itself is owned by Mildred Riggsbee (Pin # 0741459904). The property immediately east, south and west of the Site is owned by the Gertrude Perry Family Farm c/o Mildred Riggsbee (and occupied by Mildred Riggsbee (Pin # 0741567374). Finally, the property immediately across S. Hughes Street and north of the Site is owned Rex Hospital and occupied by the Rex Nursing Care Center (Pin # 0741465131).

Zoning information for the Site and most surrounding properties was acquired through the Town of Apex. The Site itself is zoned as "RA" (Residential/Agricultural) while the immediately surrounding properties surrounding are all zoned by the Town of Apex as either "RA" (Residential/Agricultural), "O/I" (Office/Institutional) or "TF" (Tech/Flex) See **Figure 2**.