

133SERBSF10,609

133SERBSF10,609

Site Name (Subject): NORTH CAROLINA SALVAGE CO.

Site ID (Document ID): NCD024577421

Document Name (DocType): Correspondence (C)

Report Segment:

Description: General Correspondence, 2003 - 2004

Date of Document: 1/19/2004

Date Received:

Box: *Enter SF and # with no spaces* SF10,609

Access Level: PUBLIC

Division: WASTE MANAGEMENT

Section: SUPERFUND

Program (Document Group): SERB (SERB)

Document Category: FACILITY

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North Carolina Salvage Company
NCD 024 577 421

Folders

1. General Correspondence, 2003—
2. Photographs

Reports

3. Pre-CERCLIS Site Screening: November 2001
4. Team 1 Field Book: January 2004
5. Team 2 Field Book: January 2004

SITE HEALTH AND SAFETY PLAN

A. General Information

Site Name North Carolina Salvage Co. ID # NCD 024 577 421
Location 2058 US Highway 117 South, Goldsboro,
NC

Proposed Date of Investigation 1/13/04 - 1/15/04

Date of Briefing 1/13/04

Date of Debriefing 1/19/04

Nature of Visit (check one): On-Site Reconnaissance _____
Off-Site Reconnaissance _____
Sampling X
Sampling Overview _____
Remediation Overview _____

Health Department Official Contacted Mr. Kevin Whitely

Date of Contact 1/5/04

Site Investigation Team: All site personnel have read the Site Health and Safety Plan and are familiar with its provisions.

<u>Personnel</u>	<u>Responsibilities</u>	<u>Signature</u>
Team 1 <u>Melanie Bryson</u>	<u>team leader, sampling</u>	<u>Melanie Bryson</u>
Team 1 <u>Mike Deaton</u>	<u>sampling</u>	<u>Mike Deaton</u>
Team 2 <u>Harry Zinn</u>	<u>sampling</u>	<u>Harry Zinn</u>
Team 2 <u>Jeanette Stanley</u>	<u>sampling</u>	<u>Jeanette Stanley</u>
Team 2 <u>Stuart Parker</u>	<u>sampling</u>	<u>Stuart Parker</u>

Plan Preparation:

Prepared By: David Lilley, Industrial Hygiene Consultant

Reviewed By: Jack Butler, Superfund Section Chief

David Lilley
Jack Butler

B. SITE/WASTE CHARACTERISTICS

Waste Type(s) Liquid Solid Sludge Gas Vapor
 Characteristics Corrosive Ignitable Radioactive
 Volatile Toxic Reactive Other

List Known or Suspected Hazards (physical, chemical biological or radioactive) on Site and their toxicological effects. Also, if known, list chemical amounts

HAZARD	WARNING PROPERTIES	EXPOSURE LIMIT
<u>Lead</u>	<u>Odor Threshold = no data</u>	<u>0.05 mg/m³</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

UNDERGROUND UTILITIES CHECKLIST

<u>Utility</u>	<u>Locator/Contact Person</u>	<u>Phone #</u>	<u>Date of Location</u>
Power	_____	_____	_____
Telephone	_____	_____	_____
Gas	_____	_____	_____
Water	_____	_____	_____
Sewer	_____	_____	_____

Call made by: Melanie Bryson spoke to a company representative the week of 1/5/04. No utilities are present in the area of the site where augering and shoveling are to take place.

ID # NCD 024 577 421

Facility Description: Size unknown Buildings unknown

Disposal Methods Being Investigated Battery breaking

Unusual Features on Site (dike integrity, power lines, terrain, etc.):

None known

History of the Site: The site is a salvage company where battery breaking took place.

C. HAZARD EVALUATION

The site can be toured and sampled in level D protection. PE or PVC gloves will be worn while collecting soil and water samples, PE or PVC gloves over nitrile gloves will be worn if discolored soil or sludge is encountered. Chemically resistant knee length boots will be worn on site. A tyvek suit will be carried to the surface water/sediment sampling locations and worn if the samples cannot be collected without getting muddy. The Mini Rae will be used to monitor breathing zone air while augering. If Mini Rae readings exceed background in the breathing zone, stand upwind of the hole for a few minutes, then sample the air again. If the breathing zone concentration does not drop to background after 10 minutes, fill in the hole and evacuate that area. Tyvek suits (saranex in wet conditions) will be worn while augering.

D. WORK PLAN INSTRUCTION

Map or Sketch Attached? yes

Perimeter Identified? no

Command Post Identified? no

Zones of Contamination Identified? no

Personal Protective Equipment/Level of Protection: C X D

Modifications Wear goggles, face shield, and PVC gloves while preparing acid preserved samples, goggles and PVC gloves while collecting acid preserved samples. Avoid breathing acid vapors.

Surveillance Equipment:

<u> X </u> Mini Rae	<u> </u> Detector Tubes and Pumps
<u> </u> OVA	<u> </u> O2 Meter
<u> </u> Explosimeter	<u> </u> Radiation Monitor

Decontamination Procedures

 Level C Respirator wash, respirator removal, suit wash (if needed),
 suit removal, boot wash, boot removal and glove removal.

 X Level D Boot wash and rinse and boot removal, suit removal, glove
 and goggle removal.

Modifications Dispose of trash properly, on-site if possible.

Work Schedule/Visit Objectives The purpose of this visit is to determine
 if the site poses a threat to the public health or environment because of
 releases of contaminants to soil, surface water, groundwater, or air.
 Sampling may consist of surface soil, surface water, and sediment sampling.

EMERGENCY PRECAUTIONS

<u> Route of Exposure </u>	<u> First Aid </u>
<u>Eyes</u>	<u> irrigate immediately </u>
<u>Skin</u>	<u> soap and water wash </u>
<u>Inhalation</u>	<u> fresh air and artificial respiration </u>
<u>Ingestion</u>	<u> get medical attention immediately </u>

ID # NCD 024 577 421

Location of Nearest Phone: unknown

Hospital (Address and Phone Number)

Wayne Memorial Hospital, 2700 Wayne Memorial Drive, Goldsboro, NC
(919) 736-1110

Emergency Transportation Systems (Phone Numbers)

Fire 911

Ambulance 911

Rescue Squad 911

Emergency Route to Hospital see next page

PREVAILING WEATHER CONDITIONS AND FORECAST _____

EQUIPMENT CHECKLIST

<input type="checkbox"/> Air purifying respirator	<input checked="" type="checkbox"/> First Aid Kit
<input type="checkbox"/> Cartridges for respirator	<input checked="" type="checkbox"/> 3 gal. Deionized H2O
<input checked="" type="checkbox"/> Eye Wash Unit	<input checked="" type="checkbox"/> Rain suit
<input checked="" type="checkbox"/> Mini Rae	<input checked="" type="checkbox"/> Gloves (PE/PVC/nitrile/cloth)
<input type="checkbox"/> OVA	<input checked="" type="checkbox"/> Boots/Boot Covers
<input type="checkbox"/> Explosimeter	<input checked="" type="checkbox"/> Coveralls (tyvek/saranex)
<input type="checkbox"/> Radiation Monitor	<input checked="" type="checkbox"/> Eye Protection (goggles/shield)
<input checked="" type="checkbox"/> Decontamination Materials	<input checked="" type="checkbox"/> Hard Hat

STATE POISON CONTROL CENTER
1-800-848-6946

North Carolina OSHA
1-800-LABOR-NC

Yahoo! Maps[Back to Directions](#)

Starting from: **A** 2058 Us Highway 117 S, Goldsboro, NC 27530-8592

Arriving at: **B** 2700 Wayne Memorial Dr, Goldsboro, NC 27534-9494

Distance: 8 miles

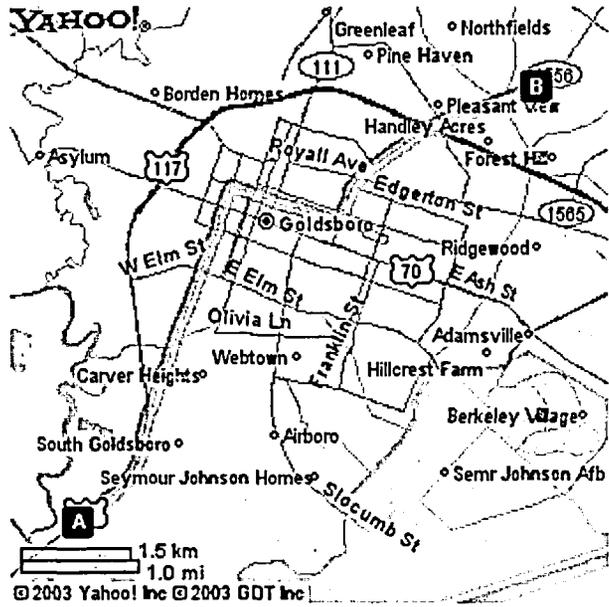
Approximate Travel Time: 13 mins

Directions

1. Start at 2058 US HIGHWAY 117 S, GOLDSBORO on OLD MOUNT OLIVE going towards ARRING
2. Continue on S GEORGE ST - go 1.7 mi
3. Continue on N GEORGE ST - go 0.4 mi
4. Turn **R** on W VINE ST - go 0.2 mi
5. Continue on N CENTER ST/W VINE ST - go < 0.1 mi
6. Continue on E VINE ST - go 0.2 mi
7. Continue on E PARK AVE/PARK AVE - go 0.6 mi
8. Turn **L** on N HERMAN ST - go 0.4 mi
9. Continue on N WAYNE MEMORIAL DR/WAYNE MEMORIAL DR - go 0.7 mi
10. N WAYNE MEMORIAL DR/WAYNE MEMORIAL DR becomes WAYNE MEMORIAL DR - go < 0.1
11. Continue on N WAYNE MEMORIAL DR/SNOWHILL DR/WAYNE MEMORIAL DR - go 0.4 mi
12. Continue on 4TH/N WAYNE MEMORIAL DR/WAYNE MEMORIAL DR - go 0.2 mi
13. 4TH/N WAYNE MEMORIAL DR/WAYNE MEMORIAL DR becomes N WAYNE MEMORIAL DR/WAYNE MEMORIAL DR
14. Arrive at 2700 WAYNE MEMORIAL DR, GOLDSBORO

When using any driving directions or map, it's a good idea to do a reality check and make sure the road sti

Full Route



HAZARDOUS SUBSTANCE INFORMATION FORM

Chemical Name: Lead, inorganic dusts

I. PHYSICAL/CHEMICAL PROPERTIES

	Reference
Chemical Formula <u>Pb</u>	<u>1</u>
Natural Physical State at 25°C <u>solid</u>	<u>1</u>
Vapor Pressure <u>N/A</u> mm Hg at 20°C	<u>1</u>
Melting Point <u>327.4°F/°C</u> Boiling Point <u>1,740°F/°C</u>	<u>1</u>
Flash Point (open or closed cup) <u>N/A°C/°F</u>	<u> </u>
Solubility - H ₂ O <u>N/A</u>	<u> </u>
Other <u>N/A</u>	<u> </u>

Physical Features: (odor, color, etc.) appearance and odor vary depending upon specific compound.

II. TOXICOLOGICAL DATA

suspected or confirmed human carcinogen

Standards: .05 mg/m³ (2) TLV 0.05 mg/m³ (3) PEL
N/A (4) IDLH

Routes of Exposure: inhalation, ingestion, eye contact, skin contact(3)

Acute/Chronic Symptoms: Acute: lassitude, pallor, constipation, abdominal pain, gingival gum line, tremors. Target organs: GI tract, CNS, kidneys, blood.(3)

First Aid: Inhalation: artificial respiration; Ingestion: get medical attention immediately; Eye contact: irrigate immediately; Skin contact: soap and water wash immediately

Chemical Name: Lead, inorganic dusts

III. HAZARDOUS CHARACTERISTICS

Reference

A. Combustibility Yes No
Toxic by-products

B. Flammability LEL N/A UEL

C. Reactivity Hazard None

D. Corrosivity Hazard yes/no pH:

Neutralizing agent:

E. Radioactive Hazard Exposure Rate
Background yes/no
Alpha particles yes/no
Beta particles yes/no
Gamma radiation yes/no

IV. REFERENCES

- (1) The Merck Index, 11th Edition, 1989.
- (2) Threshold Limit Values and Biological Exposure Indices for 1997 ACGIH.
- (3) 29 CFR 1910.1025
- (4) Pocket Guide to Chemical Hazards, NIOSH, 1990.



KEY RISK MANAGEMENT SERVICES, INC.
ATTN: STATE UNIT
P.O. BOX 49129
GREENSBORO, NC 27419



WORKERS' COMPENSATION MEDICAL AUTHORIZATION

Name of Employee/Patient: Last		First
Date of Injury:	Social Security Number: - - -	
Name of Employer/Company:	STATE OF NORTH CAROLINA	
Employer Authorization:	Doctor To Be Seen:	

Employer:

Complete this form, and give it to the injured employee before a doctor is seen.

Employee:

Show this form to the doctor.

Physician:

When a referral is necessary - use CompCare Physicians and call 1-800-366-1511, to let the state agency claims representative know that the patient is being referred.

SEND BILL DIRECTLY TO KEY RISK MANAGEMENT SERVICES, INC.



U.S. Environmental Protection Agency

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NORTH CAROLINA SALVAGE CO INC.

Site Information

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Site Name: NORTH CAROLINA SALVAGE CO INC.

Street: HIGHWAY 117 S

City / State / ZIP: GOLDSBORO, NC 27530

NPL Status: Not on the NPL

Non-NPL Status: PA Start Needed

EPA ID: NCD024577421

EPA Region: 04

County: WAYNE

Federal Facility Flag: Not a Federal Facility

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CERCLIS Database

NORTH CAROLINA SALVAGE CO INC.

Actions

[Actions](#) | [Aliases](#) | [Contaminants](#) | [Actual Costs](#) | [Operable Units](#) | [Site Info](#) | [RODS Site Narrative at Listing](#) | [NPL Fact Sheet](#) | [Five-Year Reviews](#) | [Area Map](#)

<u>OU</u>	<u>Action Name</u>	<u>Qualifier</u>	<u>Lead</u>	<u>Actual Start</u>	<u>Actual Completion</u>
00	DISCOVERY		F		04/15/2002

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SITE HEALTH AND SAFETY PLAN

A. General Information

Site Name North Carolina Salvage Co. ID # NCD 024 577 421

Location 2058 US Highway 117 South, Goldsboro,
NC

Proposed Date of Investigation 11/24 - 11/26/03

Date of Briefing 11/18/03

Date of Debriefing 12/1/03

Nature of Visit (check one): On-Site Reconnaissance X
Off-Site Reconnaissance _____
Sampling _____
Sampling Overview _____
Remediation Overview _____

Health Department Official Contacted Mr. Kevin Whitely's voice mail

Date of Contact 11/18/03

Site Investigation Team: All site personnel have read the Site Health and Safety Plan and are familiar with its provisions.

<u>Personnel</u>	<u>Responsibilities</u>	<u>Signature</u>
Team 1 <u>Melanie Bryson</u>	<u>team leader, recon</u>	<u>Melanie Bryson</u>
Team 1 <u>Mike Deaton</u>	<u>reconnaissance</u>	<u>Mike Deaton</u>
Team 2 _____	_____	_____
Team 2 _____	_____	_____

Plan Preparation:

Prepared By: David Lilley, Industrial Hygiene Consultant

Reviewed By: Jack Butler, Superfund Section Chief

David Lilley
Jack Butler

B. SITE/WASTE CHARACTERISTICS

Waste Type(s) Liquid X Solid Sludge Gas Vapor
 Characteristics Corrosive Ignitable Radioactive
 Volatile X Toxic Reactive Other

List Known or Suspected Hazards (physical, chemical biological or radioactive) on Site and their toxicological effects. Also, if known, list chemical amounts

HAZARD	WARNING PROPERTIES	EXPOSURE LIMIT
<u>Lead</u>	<u>Odor Threshold = no data</u>	<u>0.05 mg/m³</u>
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>
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<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>

UNDERGROUND UTILITIES CHECKLIST

<u>Utility</u>	<u>Locator/Contact Person</u>	<u>Phone #</u>	<u>Date of Location</u>
Power	<u> NA </u>	<u> </u>	<u> </u>
Telephone	<u> NA </u>	<u> </u>	<u> </u>
Gas	<u> NA </u>	<u> </u>	<u> </u>
Water	<u> NA </u>	<u> </u>	<u> </u>
Sewer	<u> NA </u>	<u> </u>	<u> </u>

Call made by:

Surveillance Equipment:

<u> </u> HNU	<u> </u> Detector Tubes and Pumps
<u> </u> OVA	<u> </u> O2 Meter
<u> </u> Explosimeter	<u> </u> Radiation Monitor

Decontamination Procedures

 Level C Respirator wash, respirator removal, suit wash (if needed),
 suit removal, boot wash, boot removal and glove removal.

 X Level D Boot wash and rinse and boot removal, suit removal, glove
 and goggle removal.

Modifications Dispose of trash properly, on-site if possible.

Work Schedule/Visit Objectives The purpose of this visit is to determine
if the site poses a threat to the public health or environment because of
releases of contaminants to soil, surface water, groundwater, or air.
No sampling will be conducted at this time, sampling may be conducted on
a later date.

EMERGENCY PRECAUTIONS

<u>Route of Exposure</u>	<u>First Aid</u>
<u>Eyes</u>	<u>irrigate immediately</u>
<u>Skin</u>	<u>soap and water wash</u>
<u>Inhalation</u>	<u>fresh air and artificial respiration</u>
<u>Ingestion</u>	<u>get medical attention immediately</u>

ID # NCD 024 577 421

Location of Nearest Phone: unknown

Hospital (Address and Phone Number)

Wayne Memorial Hospital, 2700 wayne Memorial Drive, Goldsboro, NC

(919) 736-1110

Emergency Transportation Systems (Phone Numbers)

Fire 911

Ambulance 911

Rescue Squad 911

Emergency Route to Hospital see next page

PREVAILING WEATHER CONDITIONS AND FORECAST _____

EQUIPMENT CHECKLIST

- | | |
|--|---|
| <input type="checkbox"/> Air purifying respirator | <input checked="" type="checkbox"/> First Aid Kit |
| <input type="checkbox"/> Cartridges for respirator | <input checked="" type="checkbox"/> 3 gal. Deionized H2O |
| <input type="checkbox"/> Eye Wash Unit | <input checked="" type="checkbox"/> Rain suit |
| <input type="checkbox"/> HNU | <input checked="" type="checkbox"/> Gloves (PE/PVC/nitrile/cloth) |
| <input type="checkbox"/> OVA | <input checked="" type="checkbox"/> Boots/Boot Covers |
| <input type="checkbox"/> Explosimeter | <input checked="" type="checkbox"/> Coveralls (tyvek/saranex) |
| <input type="checkbox"/> Radiation Monitor | <input checked="" type="checkbox"/> Eye Protection (goggles/shield) |
| <input checked="" type="checkbox"/> Decontamination
Materials | <input checked="" type="checkbox"/> Hard Hat |

STATE POISON CONTROL CENTER
1-800-848-6946

North Carolina OSHA
1-800-LABOR-NC

[Back to Directions](#)

Starting from: **A** 2058 Us Highway 117 S, Goldsboro, NC 27530-8592

Arriving at: **B** 2700 Wayne Memorial Dr, Goldsboro, NC 27534-9494

Distance: 6.8 miles

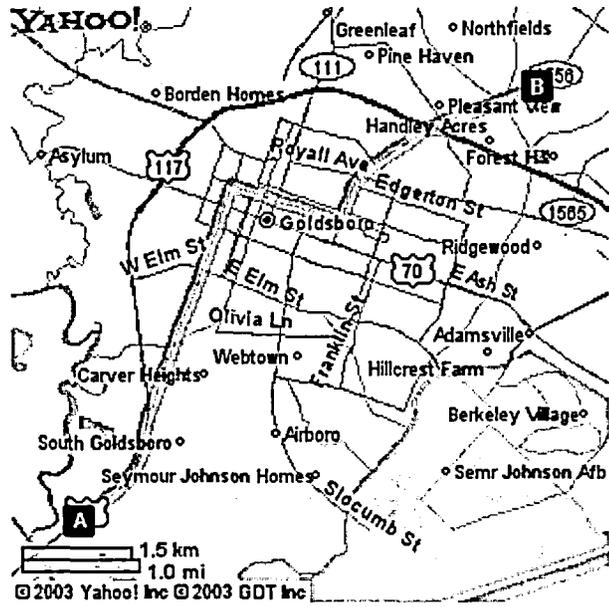
Approximate Travel Time: 13 mins

Directions

1. Start at 2058 US HIGHWAY 117 S, GOLDSBORO on OLD MOUNT OLIVE going towards ARRING
2. Continue on S GEORGE ST - go 1.7 mi
3. Continue on N GEORGE ST - go 0.4 mi
4. Turn **R** on W VINE ST - go 0.2 mi
5. Continue on N CENTER ST/W VINE ST - go < 0.1 mi
6. Continue on E VINE ST - go 0.2 mi
7. Continue on E PARK AVE/PARK AVE - go 0.6 mi
8. Turn **L** on N HERMAN ST - go 0.4 mi
9. Continue on N WAYNE MEMORIAL DR/WAYNE MEMORIAL DR - go 0.7 mi
10. N WAYNE MEMORIAL DR/WAYNE MEMORIAL DR becomes WAYNE MEMORIAL DR - go < 0.1
11. Continue on N WAYNE MEMORIAL DR/SNOWHILL DR/WAYNE MEMORIAL DR - go 0.4 mi
12. Continue on 4TH/N WAYNE MEMORIAL DR/WAYNE MEMORIAL DR - go 0.2 mi
13. 4TH/N WAYNE MEMORIAL DR/WAYNE MEMORIAL DR becomes N WAYNE MEMORIAL DR/WAYNE MEMORIAL DR
14. Arrive at 2700 WAYNE MEMORIAL DR, GOLDSBORO

When using any driving directions or map, it's a good idea to do a reality check and make sure the road still exists.

Full Route



HAZARDOUS SUBSTANCE INFORMATION FORM

Chemical Name: Lead, inorganic dusts

I. PHYSICAL/CHEMICAL PROPERTIES

	Reference
Chemical Formula <u>Pb</u>	<u>1</u>
Natural Physical State at 25°C <u>solid</u>	<u>1</u>
Vapor Pressure <u>N/A</u> mm Hg at 20°C	<u>1</u>
Melting Point <u>327.4°F/°C</u> Boiling Point <u>1,740°F/°C</u>	<u>1</u>
Flash Point (open or closed cup) <u>N/A°C/°F</u>	<u> </u>
Solubility - H ₂ O <u>N/A</u>	<u> </u>
Other <u>N/A</u>	<u> </u>

Physical Features: (odor, color, etc.) appearance and odor vary depending upon specific compound.

II. TOXICOLOGICAL DATA

suspected or conformed human carcinogen

Standards: .05 mg/m³ (2) TLV 0.05 mg/m³ (3) PEL
N/A (4) IDLH

Routes of Exposure: inhalation, ingestion, eye contact, skin contact(3)

Acute/Chronic Symptoms: Acute: lassitude, pallor, constipation, abdominal pain, gingival gum line, tremors. Target organs: GI tract, CNS, kidneys, blood.(3)

First Aid: Inhalation: artificial respiration; Ingestion: get medical attention immediately; Eye contact: irrigate immediately; Skin contact: soap and water wash immediately



KEY RISK MANAGEMENT SERVICES, INC.
ATTN: STATE UNIT
P.O. BOX 49129
GREENSBORO, NC 27419

CompCare
NETWORK, INC.

WORKERS' COMPENSATION MEDICAL AUTHORIZATION

Name of Employee/Patient: Last		First	
Date of Injury:		Social Security Number: - -	
Name of Employer/Company:		STATE OF NORTH CAROLINA	
Employer Authorization:		Doctor To Be Seen:	

Employer:

Complete this form, and give it to the injured employee before a doctor is seen.

Employee:

Show this form to the doctor.

Physician:

When a referral is necessary - use CompCare Physicians and call 1-800-366-1511, to let the state agency claims representative know that the patient is being referred.

SEND BILL DIRECTLY TO KEY RISK MANAGEMENT SERVICES, INC.



North Carolina Department of Environment and Natural Resources

Dexter R. Matthews, Director

Division of Waste Management

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

December 8, 2003

Ms. Jennifer Wendel
Superfund Site Evaluation Section
US EPA Region IV Waste Division
61 Forsyth Street SW, 11th Floor
Atlanta, GA 30303

Subject: Sampling and Analysis Plan/Quality Assurance Project Plan
North Carolina Salvage Co Inc., EPA ID: NCD 024 577 421
Goldsboro, Wayne County, North Carolina

Dear Ms. Wendel:

This letter contains the proposed Sampling and Analysis/Quality Assurance Project Plan (SAP/QAPP) for the Site Inspection (SI) of the North Carolina Salvage Co Inc. ("NC Salvage") site, tentatively scheduled for the week of January 12, 2004. The proposed samples include surface water and sediment samples and on-site and background surface soils.

The NC Salvage site is located on Highway 117 South approximately one-half mile northeast of the Neuse River in southwest Goldsboro. The site is bordered by railroad tracks to the east-southeast, Highway 117 to the north-northwest, a pond to the northeast, and marshy areas and the Neuse River to the southwest. The site's geographic coordinates are 35° 20' 52.2" north latitude and 78° 01' 07.7" west longitude.

NC Salvage has operated this site as a salvage and junkyard from the early 1960's to the present. During this time, NC Salvage performed crushing of wet cell storage batteries, mostly from automobiles; accumulation, storing, and baling of scrap metal, wire, lead, minerals, and other materials, including tires, upholstery, and other types of flammable material and liquids attached to scrap metal; burning and melting certain types of metal, insulation, and lead; baling of compressed metals; burning of refuse; compression of metals; and the burning of insulation off copper wire. Between 1976 and 1982 NC Salvage recycled lead from wet cell storage batteries from automobiles using a battery crushing machine to open the battery carcasses which in turn dumped lead and water/battery acid into a concrete bin. The lead was loaded into trucks and sent to a lead recycler and the battery carcasses were piled either on the ground or dumped into a water holding pond onsite. Currently the site is used as a scrap metal processing and recycling facility which employs on-site sweat furnaces to melt down scrap aluminum.

In 1981 a RCRA inspection by North Carolina Solid and Hazardous Waste Management Branch found a number of RCRA violations through site inspections and soil, groundwater, and sweat furnace residue samples. In 1982, according to the NC Salvage representative, Mr. Charles Daniels, all battery casings would be removed from the site, lime and calcitic or dolomitic limestone would be applied uniformly to the 1.5-acre disposal site, and the entire area would be covered with 18 inches of casting soil (sand and bentonite) and graded to prevent impounding of surface water. An inspection by Terry Dover of the Solid and Hazardous Waste Management Branch in January of 1983, indicated that approximately one-half of the 1.5 acre disposal site had been limed and covered with bentonite and sand. No further documentation was found in the file of follow-up inspections or sampling which would verify that NC Salvage fully closed this disposal site. Also NC Salvage did not address any confirmation sampling in the surface waters or soil to confirm that no lead contamination remains and that none has migrated off the site.

Overland flow from the site drains southeast approximately 2,200 feet into a palustrine forested (PFO) wetland along an unnamed intermittent stream. Overland flow from the site also drains to the southwest approximately 800 feet into an isolated PFO wetland. All nearby businesses and residences are supplied by Goldsboro's public water supply system. The nearest public water supply well, Southern Wayne Sanitary District-Fairgrounds Well #5, is located approximately 1.75 miles southwest of the site. Two more public water supply wells, Craig #8 and Tower Well #2, on the Southern Wayne Sanitary District system are located approximately 2.75 and 3.75 miles from the site, respectively. Although these three public water supply wells are located within 4 miles of the site, they are physically separated from the site by the Neuse River which acts as an aquifer boundary and prevents contaminated groundwater migration from the site to the wells. The 15-mile surface water pathway begins with an overland flow segment of approximately 2,200 feet (0.42 miles) flowing southeast to the probable point of entry (PPE) at the nearest wetland frontage along an unnamed intermittent stream. From there the water flows approximately 4,900 feet (0.93 miles) into the Neuse River where it continues for the remainder of the 15-mile surface water pathway. There are no surface water intakes located downstream of the site within the 15-mile surface water pathway. The National Wetlands Inventory maps indicate the nearest wetland starting at the PPE on the unnamed intermittent stream approximately 0.42 miles southeast of the site and extending approximately 1 mile downstream to the Neuse River with approximately 2 miles of wetland frontage. The Neuse River is considered a fishery.

Sampling

A total of three source (soil) samples (NCS-001-SS, NCS-002-SS, and NCS-003-SS; Map #1) will be collected from the site. One sample (NCS-004-SS; Map #1) will be collected from the drainage pattern leading to the 15-mile surface water pathway. One background sample (NCS-005-SS; Map #1) will be collected on property leased by NC Salvage, adjacent to the site. All samples will be analyzed for volatiles, semi-volatiles, PCBs, and inorganics.

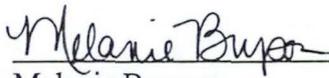
Ms. Jennifer Wendel
Page 3 of 3
December 8, 2003

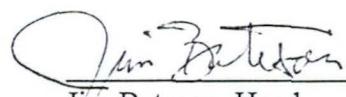
Surface water pathway sampling will include three sets of samples (NCS-006-SW/SD, NCS-007-SW/SD, and NCD-107-SW/SD; Map #2) collected from the wetlands located to the southwest and southeast of the site, one set of samples (NCS-009-SW/SD; Map #2) in the Neuse River (fishery) at the intersection with the PFO wetland. Two sets of background samples (NCS-008-SW/SD and NCS-010-SW/SD; Map #2) will be collected from an isolated PFO wetland located north of the site and from the Neuse River upstream of the fishery samples, respectively. All samples will be analyzed for volatiles, semi-volatiles, PCBs, and inorganics.

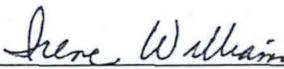
This SAP/QAPP has been developed and sampling will be conducted in accordance with the NC Superfund Section Quality Assurance Program Plan (QAPP) and Quality Assurance Standard Operating Procedures (QASOP). The QASOP adopts by reference the Environmental Investigations Standard Operating Procedures and Quality Assurance Manual, November 2001, U. S. Environmental Protection Agency, Region 4. The Program Plan is derived directly from the EPA-Approved NC Department of Environmental and Natural Resources QA Plan for Data, 1999.

If you have any questions regarding this SAP/QAPP, please contact me at melanie.bryson@ncmail.net or (919) 733-2801 ext. 316.

Sincerely,

 12/8/03
Melanie Bryson Date
Environmental Engineer
NC Superfund Section

 12/08/03
Jim Bateson, Head Date
Site Evaluation and Removal Branch
NC Superfund Section

Approved:  , Date: 12/08/03
Irene Williams
Quality Assurance Officer
NC Superfund Section

Approved: _____, Date: _____
Approving EPA Official
NC Site Management Section
Region IV EPA

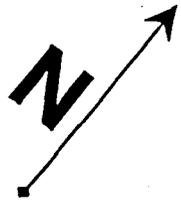
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Table of Samples
 North Carolina Salvage Co Inc.
 NCD 024 577 421
 Goldsboro, Wayne County, NC
 December 8, 2003

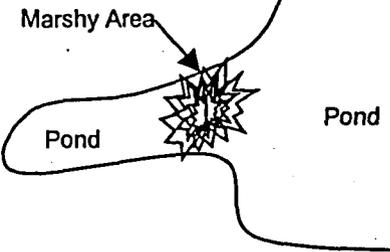
Sample ID	Location and Rationale	Analyses
NCS-001-SS	Three point composite surface soil sample in former battery area; source sample (0-2').	V,S,P,I
NCS-002-SS	Three point composite surface soil sample in former battery area; source sample (0-2').	V,S,P,I
NCS-003-SS	Three point composite surface soil sample in former battery crushing area; source sample (0-2').	V,S,P,I
NCS-004-SS	Grab surface soil sample in drainage pattern leading from site; attribution sample (0-6").	V,S,P,I
NCS-005-SS	Grab surface soil sample; background soil sample (0-2').	V,S,P,I
NCS-006-SW	Surface water and sediment in the isolated wetland southwest of the site. Document a release to a wetland.	V,S,P,I
NCS-006-SD		
NCS-007-SW	Surface water and sediment in the wetland southeast of the site. Document release to a wetland.	V,S,P,I
NCS-007-SD		
NCS-107-SW	Duplicate of NCS-007-SW/SD.	V,S,P,I
NCS-107-SD		
NCS-008-SW	Background surface water and sediment in a wetland.	V,S,P,I
NCS-008-SD		
NCS-009-SW	Surface water and sediment in the Neuse River. Document a release to a fishery.	V,S,P,I
NCS-009-SD		
NCS-010-SW	Background surface water and sediment in the Neuse River (fishery).	V,S,P,I
NCS-010-SD		
NCS-011-TB	Trip blank; QA/QC sample	V(water)
NCS-011-SB	Soil blank; QA/QC sample	V(soil)
NCS-011-PB	Post-preserved blank; QA/QC sample	I

V=Volatile organics; S=Semi-volatile organics; P=PCBs; I=Inorganics

US 117



Wayne
implement Co



Dirt Road

Parking Lot/
Storage Area

NCS-005-SS

Shop

NCS-001-SS

Unload Area

Former Battery
Area (Stainless
Pile)

NCS-002-SS

Former Battery
Crushing Area

Office

Scales

Former Battery
Area

NCS-004-SS

NCS-003-SS

Drainage Area



Site: North Carolina Salvage Co Inc.

US EPA ID #: NCD024577421

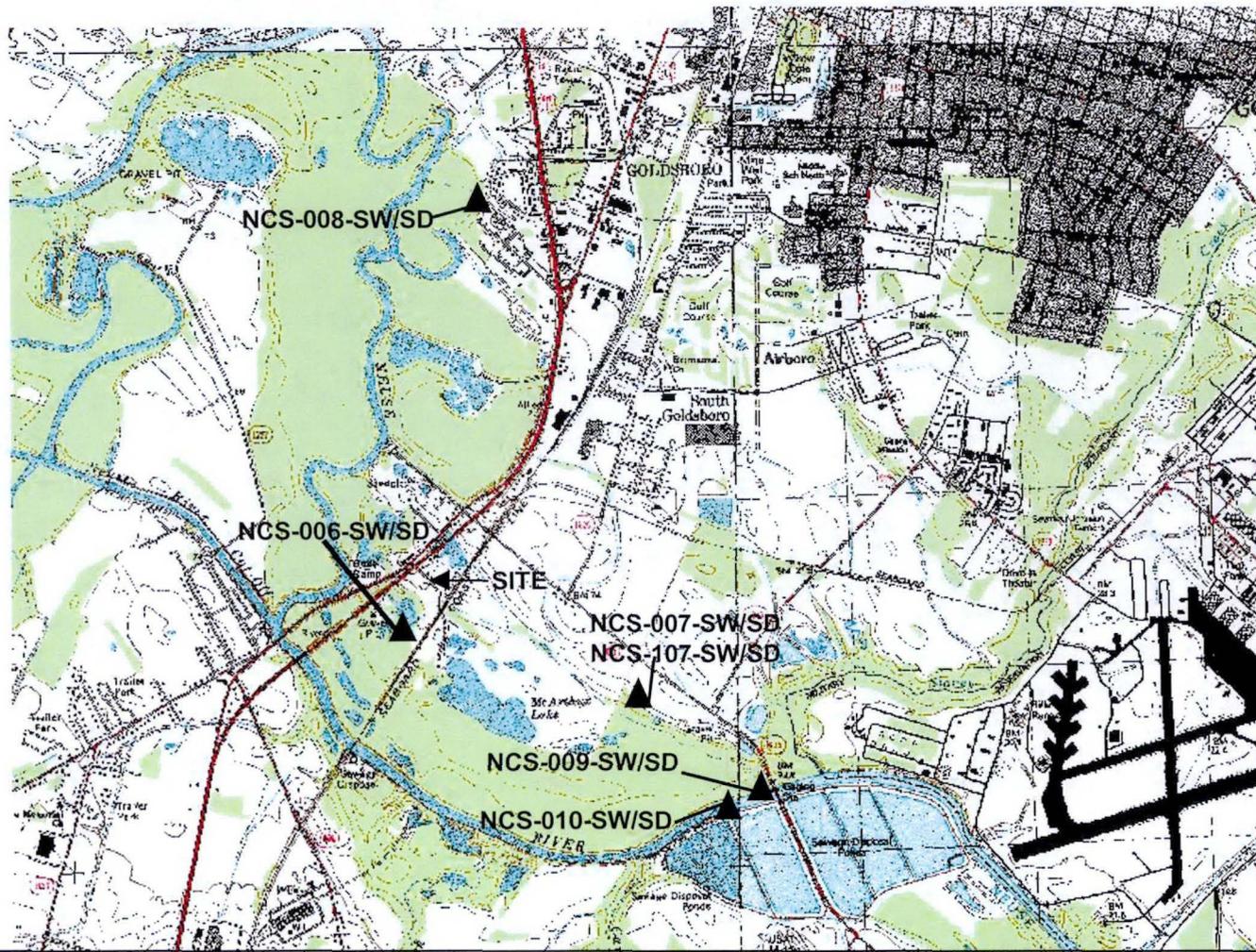
Goldsboro, Wayne County

Approximate Scale: 1"=100'

Sample Plan Map 1

Date: 12/02/03

Drawn By: MDB



Site: North Carolina Salvage Co Inc.
 US EPA ID #: NCD024577421
 Goldsboro, Wayne County
 Approximate Scale: See Above

Sample Plan Map 2
 Date: 12/02/03
 Drawn By: MDB