Pre-CERCLIS Screening
McGraw Auto Salvage Site

Jasper County
EPA ID. SCS 123 456 834

Prepared By: Christopher Bartley
Reviewed By: Jonathan McInnis
Site Assessment Section
Bureau of Land & Waste Management
South Carolina Department of Health & Environmental Control
2600 Bull Street
Columbia, SC 29201

December 8, 2004

I. SCOPE OF WORK

Under authority of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) and the Superfund Amendments and Reauthorization Act of 1986 (SARA), the Site Assessment Section of the South Carolina Department of Health and Environmental Control (SCDHEC) conducted a PreCERCLIS investigation of the McGraw Auto Salvage site in Jasper County, South Carolina. The scope of the investigation included a review of available file information, site reconnaissance, a sampling trip, and a target survey. As part of this investigation, a number of samples were collected from onsite surface water sediments, soils, an onsite drinking water well, and from potential sources. The primary objective of this investigation was to determine any impact(s) to nearby surface water, wetlands, and groundwater.

II. INTRODUCTION

McGraw's Auto Salvage (formerly Roy's Carolina Tank Cleaning) is an active auto salvage lot currently owned and operated by Mr. Hal McGraw. From 1975 to 1979, a chemical transport company, called Chemical Leaman, steam-cleaned the inside of tanker trailers that were used to transport various bulk chemicals. The wastewater was discharged to a sand oxidation pond.

Prior sampling in 1995 of this pond revealed PAH contamination in the sediments and surrounding soils. Further sampling activities were conducted during the week of September 13, 2004. Sediment, soil, and groundwater samples were collected as part of this investigation in order to evaluate potential wetland and drinking water targets. Analyses revealed no significant contamination. This site is not recommended for inclusion on CERLCIS. No further sampling is planned, and this site is recommended for No Further Remedial Action Planned (NFRAP).

III. SITE BACKGROUND AND HISTORY

A. Ownership History

Present Owner: Hal McGraw

Contact: Hal McGraw
McGraw Auto Salvage
Route 1 Box 250
Hardeeville, SC
29927
Phone: 843-784-6651

Previous Owners: Roy McGraw

B. Description and Setting

The site is located approximately 3 – 4 miles south of Hardeeville, South Carolina, along the eastern side US Highway 17 in Jasper County **(32° 13′ 25.33″N; 81° 4′ 19.00″ W)** (Ref. 16).

US Highway 17 borders the property on the west. The site is surrounded on all sides by woodlands. Two (2) ponds are located on the eastern side of this active auto salvage operation. One pond is a small (<0.25 acres), overgrown, former oxidation pond. The other is a dug pond (≤0.5 acres; constructed circa 1994) used by the owner and his family for fishing (Ref. 5). Approximately 100 ft. downgradient (east) from these to ponds is a wetland area. Although the surrounding areas are otherwise sparsely populated, the business and the owner's residence utilize an onsite drinking water well.

C. Process and Waste Disposal History

Over the four years of operation, approximately 600,000 pounds of tanker rinse waters were discharged into the oxidation pond (Ref. 13). Surface sediments from the pond were sampled and analyzed for organics in June 1995. The following compounds were found in the sediment sample: phenanthrene at 311 ppb, anthracene at 10,400 ppb, and bis (2-ethylhexyl) phthalate at 1390 ppb. The private well at the McGraw residence (located onsite) was also sampled in June 1995. All organic constituents in this sample were below detection limits (Ref. 8). A memorandum from the SC DHEC Bureau of Water dated January 27, 1998, indicates that this site may also be contaminated with petroleum products (Ref. 7).

IV. SOURCE CHARACTERIZATION

Analyses of the oxidation pond sediments reveal no significant contamination. Analytical results are presented in Appendix 1.

V. GROUNDWATER PATHWAY

A. Regional Characteristics

This site is in the Lower Savannah River Sub-Basin. Drinking water wells in this area generally tap the Tertiary Limestone Aquifer System, the shallowest confined aquifer in the area. The formations in this aquifer system are Castle Hayne Limestone, McBean, and Santee Limestones (Ref. 14). The site soil types are Coosaw on upland areas, with Santee and Yonges types in lowland/wetland areas. Coosaw soils are generally very deep, moderately well drained loamy fine sands. Santee-type soils are characteristically very poorly drained, slowly permeable

soils of the lower coastal plains. They formed in clayey marine sediment. The Yonges series consists of very deep, poorly drained, moderately slowly permeable soils that formed in thick loamy sediments on the lower Coastal Plain (Refs. 1, 15).

B. Groundwater Targets

Analysis of the onsite drinking water well showed no elevated levels of contaminants. Estimated residential population is sparse, with 18 people within 0.25 miles, and 41 within 0.5 miles. However, other than the onsite well, no other groundwater targets were identified. Analytical results are attached in Appendix 1.

VI. SURFACE WATER PATHWAY

A. Regional Characteristics

Average annual precipitation in the area is 51.03 in./y, and surface water evaporation rates in the area are 48.8 in./y. Thus, net flux is approximately 2.2 inches per year. The 2-year, 24-hour rainfall amount is 4.35 inches (Refs. 3,10,11). Again, site upland soils are moderately well drained, and site soils types in lowland areas are poorly drained.

Surface water run-off on this site pools in the oxidation pond and the adjacent dug pond. A series of ditches handle run-off from the salvage lots, and this run-off is directed to downgradient wetlands. When the oxidation pond is filled to capacity, discharge is directed through a spillway to the wetlands.

C. Surface Water Targets and Impacts

Surface water targets include the dug pond and downgradient wetlands. The dug pond is adjacent to the oxidation pond and is fished by the owner and his family. A surface water sample of the oxidation pond taken in 1995 revealed no contamination (Ref. 8). Further sampling of surface water was not conducted at this site. During the 1995 sampling event, SC DHEC personnel noted a white precipitant in surface sediments in the oxidation pond. Results of a surface sediment sample taken from the oxidation pond at that time demonstrated phenanthrene at 311 ppb, anthracene at 10,400 ppb, and bis (2-ethylhexyl) phthalate at 1390 ppb (Ref. 8). Sediment sampling was conducted in the oxidation pond, the dug pond, and in downgradient wetlands. No analyte was reported significantly above background values. Analytical results are attached in Appendix 1.

VII. SOIL EXPOSURE PATHWAY

Soil exposure pathway targets include site residents, workers, and downgradient wetlands. During the 1995 sampling event, diesel-like odors were noted from a depth of approximately 1.5 feet to a depth of approximately 5 feet below surface in a cross gradient soil-boring (Ref. 9). Soil samples were collected from below the spillway and near the downgradient wetland area in order to characterize both the presence of current contamination and possible deleterious effects to sensitive wetland communities. No analyte was reported significantly above background values. Analytical results are attached in Appendix 1. No air samples were collected at this site.

VIII. CONCLUSIONS AND RECOMMENDATIONS

Sediment, soil, and groundwater samples were collected as part of this investigation to evaluate potential wetland and drinking water targets. Analyses revealed no significant contamination. This site is not recommended for inclusion on CERLCIS. No further sampling is planned, and this site is recommended for No Further Remedial Action Planned (NFRAP).

IX. REFERENCES

(1) ArcGIS State Soils Layer. *Available in SCDHEC Site Assessment Section.*

(2) Aerial Photographs, Jasper County. 1971, 1979 Flights. *Available at University of South Carolina Cooper Library.*

(3) EPA: Surf Your Watershed
http://www.epa.gov/surf/

(4) EQC Projects Discovery Form dated 01/27/98: McGraw Auto Salvage Site

(5) Field Logbooks for McGraw Auto Salvage, PreCERCLIS. *Available in SCDHEC Site Assessment Section*

(6) Field Logbooks for McGraw Auto Salvage, SCDHEC Bureau of Water.

(7) Memorandum, WPC Geohydrologic Section. To: Bureau of Water Pollution Control Files, From: Natalie Macke, dated 06/26/95.

(8) Sample Results: McGraw Auto Salvage Site. collected 06/29/95. released 01/05/96.

(9) Soil Boring Log dated 06/29/95: McGraw Auto Salvage Site

(10) South Carolina Average Annual Pan Evaporation
http://water.dnr.state.sc.us/climate/sco/products/sc_evap.gif

(11) SC DNR State Climatology Office
Index:
http://www.dnr.state.sc.us/water/climate/sco/index.html
Maximum Rainfall Intensities by County:
http://water.dnr.state.sc.us/climate/sco/pcp_ints.html#chart

(12) SC State Budget & Control Board Office of Research & Statistics: SC Population Reports
http://www.ors2.state.sc.us/population/census00/town_pop.asp#towng

(13) Site Discovery Form: Roy's Carolina Tank Cleaning. dated 03/01/95.

(14) South Carolina Water Resources Commission. South Carolina State Water Assessment. SCWRC Report No. 140, September 1983. *Available in SCDHEC Site Assessment Section*

(15) USDA-NRCS Soil Survey Division: Official Soils Description Query
http://ortho.ftw.nrcs.usda.gov/cgi-bin/osd/osdnamequery.cgi

(16) United States Geological Survey, Topographical Maps:
Limehouse & Hardeeville Quadrangles, SC. 7.5 Minutes. Revised 1980 & 1979 respectively

Figure 1: Site Topographic Map. Limehouse Quadrangle.

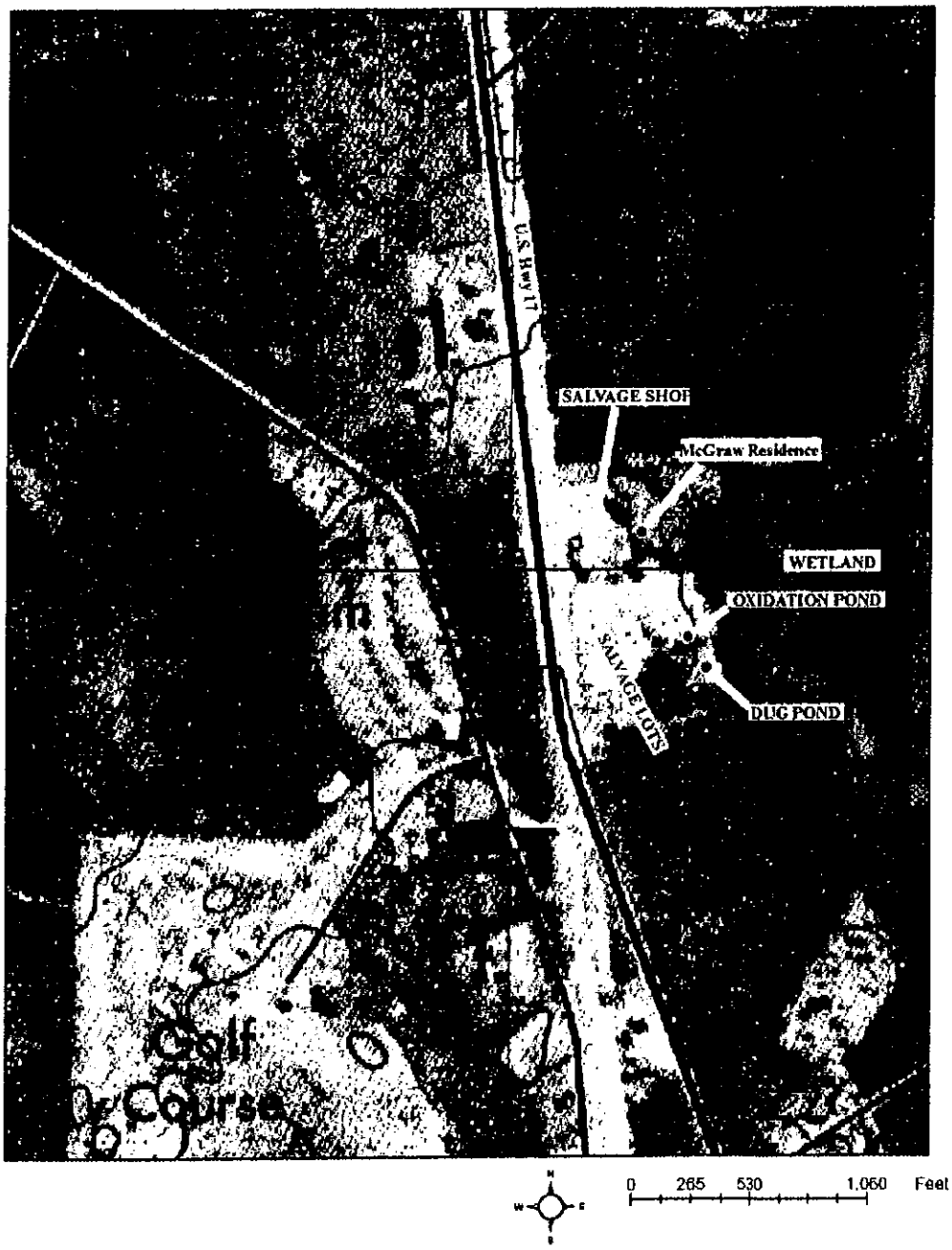


Figure 2: Site Groundwater, Sediment, and Soils Sample Location Map. Topographic Map. Limehouse Quadrangle.

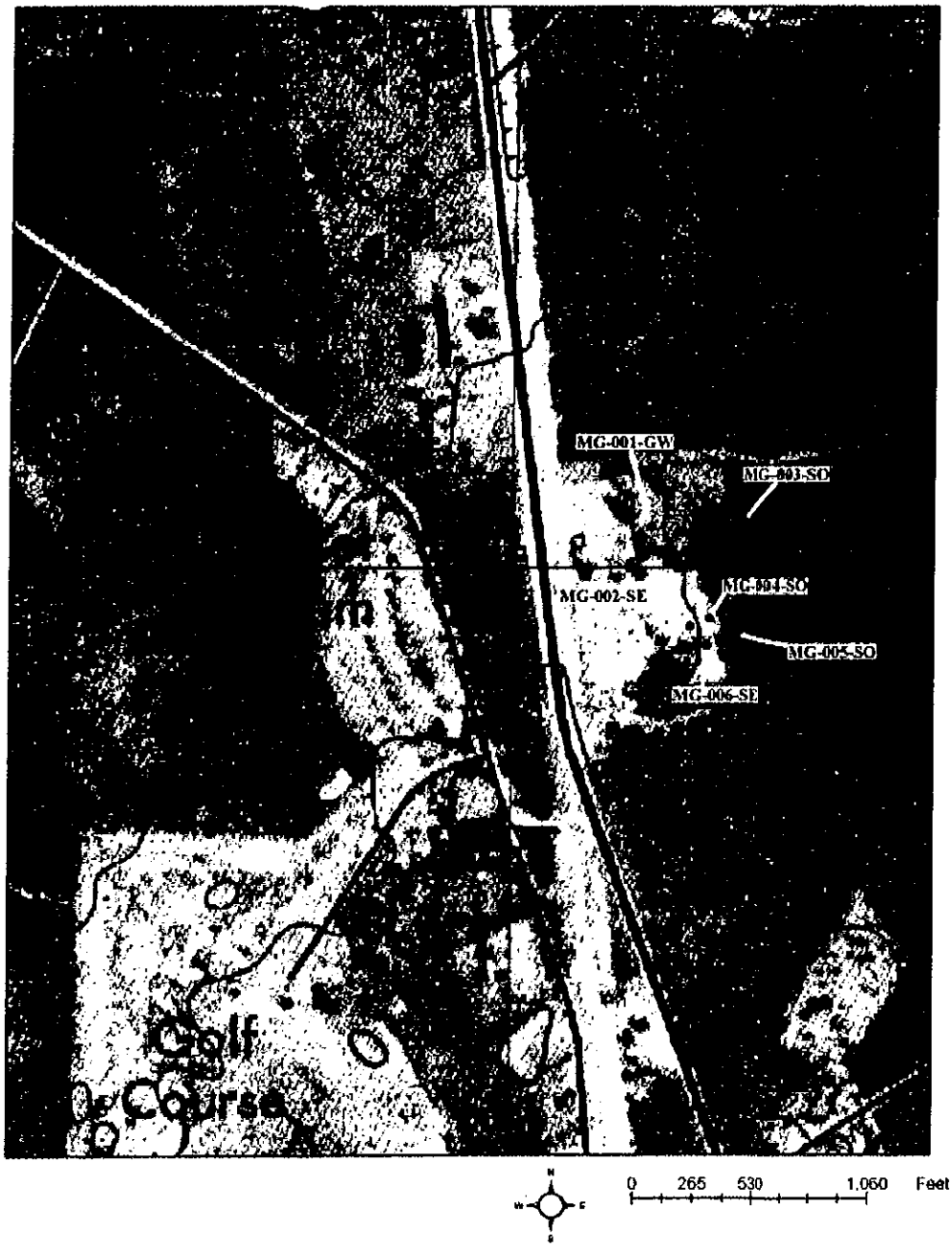
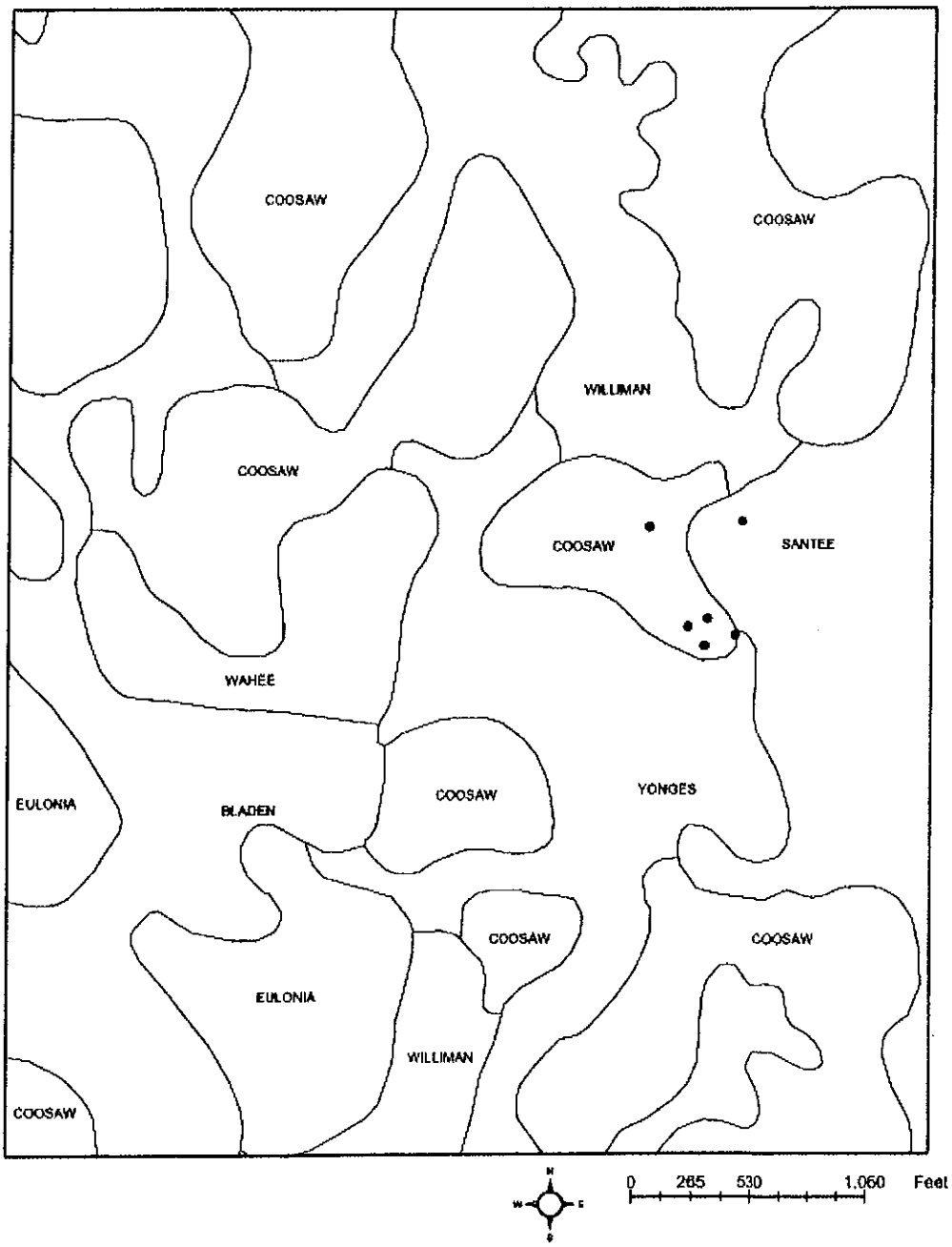


Figure 3: Site Soils Types Map. (Sample locations are shown for spatial reference only.)



Pre-CERCLIS Checklist

Site Assessment Section
SCDHEC Bureau of Land and Waste Management
December 8, 2004

Site Information

McGraw Auto Salvage
Site Name

Route 1, Box 250
Address

_____
Address

Hardeeville, SC
City

Hal McGraw
Contact Name

Route 1, Box 250
Contact Address

Hardeeville, SC, 29927
Contact City, State, Zip

_____
Alternate Site Names

☒ Unfenced | ☐ Partially Fenced | ☐ Fenced | ☐ w/locked Gates | ☐ w/Guard
Site Access – choose one

SCS 123 456 834
ID Number

Jasper
County

29927
Zip Code

(800)-346-6651
Contact Phone

32° 13′ 25.33″N 81° 4′ 19.00″ W
Latitude Longitude

N/A
Approximate Size of Site

☐ Industrial | ☐ Residential | ☐ Urban | ☒ Rural
Setting – choose one

Site Description/History

McGraw's Auto Salvage (formerly Roy's Carolina Tank Cleaning) is an active auto salvage lot currently owned and operated by Mr. Hal McGraw. From 1975 to 1979, a chemical transport company, called Chemical Leaman, steam-cleaned the inside of tanker trailers that were used to transport various bulk chemicals. The wastewater was discharged to a sand oxidation pond.

The site is located approximately 3 – 4 miles south of Hardeeville, South Carolina, along the eastern side US Highway 17 in Jasper County.

US Highway 17 borders the property on the west. The site is surrounded on all sides by woodlands. Two (2) ponds are located on the eastern side of this active auto salvage operation. One pond is a small (<0.25 acres), overgrown, former oxidation pond. The other is a dug pond (≤0.5 acres; constructed circa 1994) used by the owner and his family for fishing. Approximately 100 ft. downgradient (east) from these to ponds is a wetland area. Although the surrounding areas are otherwise sparsely populated, the business and the owner's residence utilize an onsite drinking water well.

Pertinent Regulatory Activity

Prior sampling in 1995 of this pond revealed PAH contamination in the sediments and surrounding soils. Further sampling activities were conducted during the week of September 13, 2004. Sediment, soil, and groundwater samples were collected as part of this investigation in order to evaluate potential wetland and drinking water targets. Analyses revealed no significant contamination.

Waste Source

- [ ] Landfill
- [x] Impoundment
- [ ] Drums
- [ ] Tanks/Containers
- [ ] Waste Pile
- [ ] Contaminated Soil
- [ ] Other

Size: <0.25 acres

Description: Former oxidation pond, sandy bottom. Over four years of operation, approximately 600,000 pounds of tanker rinse waters were discharged into the oxidation pond.

Contaminants Known or Suspected:

Prior sampling in 1995 of this pond revealed PAH contamination in the sediments and surrounding soils. Further sampling activities were conducted during the week of September 13, 2004. Analyses revealed no significant contamination.

Waste Source

- [ ] Landfill
- [ ] Impoundment
- [ ] Drums
- [ ] Tanks/Containers
- [ ] Waste Pile
- [ ] Contaminated Soil
- [ ] Other

Size:

Description:

Contaminants Known or Suspected:

Waste Source

- [ ] Landfill
- [ ] Impoundment
- [ ] Drums
- [ ] Tanks/Containers
- [ ] Waste Pile
- [ ] Contaminated Soil
- [ ] Other

Size:

Description:

Contaminants Known or Suspected:

Groundwater Pathway

Is there an observed or suspected release to groundwater? ☒ Yes ☐ No

Explain: Diesel-like odors were noted at depths up to 5+ feet in a soil boring

Distance to Nearest Well:

☒ < ¼ mile	☐ ¼ to ½ mile	☐ ½ to 1 mile	☐ >1 mile

If no release is suspected/confirmed and the nearest well is > 1 mile, do not evaluate GW pathway.

Potential Drinking Water Targets (Public & Private)

1< ¼ mile	¼ to ½ mile	½ to 1 mile	>1 mile

Have nearby wells been sampled? ☒Yes ☐ No

Sampling Details: Analyses revealed no significant contamination.

Surface Water Pathway

Is there an observed or suspected release to surface water? ☐ Yes ☒ No

Is there a well defined runoff pathway to perennial water? ☒Yes ☐ No

Distance to Perennial Surface Water:

☐ < 100'	☒ 100 - 500'	☐ 500 – 1000'	☐ 1000 – 2500'	☐ > 2500'

If no release is suspected or observed and the distance to perennial water is > 2500 feet with no well defined runoff pathway, do not evaluate SW pathway.

Explain: A wetland area is immediately downgradient from the former oxidation pond. Analyses of samples from the wetland area revealed no significant contamination.

Segment Name	Segment Distance	Estimated Flow	Targets Associated with Segment
		None	
		None	
		None	
		None	
		None	
		None	
		None	
		None	
		None	

Soil Exposure / Air Pathway

Is there any contamination present or suspected on residential property, schools, playgrounds, etc.? ☒ Yes ☐ No

Explain: odors were noted in soils at depth, but analyses of onsite soils revealed no significant contamination.

Estimated Residential Population:

18 < ¼ mile	41 ¼ to ½ mile	132 ½ to 1 mile

Are any wastes sources of a gaseous or particulate nature? ☐ Yes ☒ No

Sampling Details:

Site Map

See attached McGraw Auto Salvage PreCerclis Report

USEPA/SCDHEC Self-Directed Work Team Decision

This site is not recommended for inclusion on CERLCIS. No further sampling is planned, and this site is recommended for No Further Remedial Action Planned (NFRAP).

Ref. 4

File # 56858
PCAS # 5473

EQC PROJECTS DISCOVERY FORM

Please attach a copy of a map (county or quad.) showing the site location

McGraw Auto Salvage
SITE NAME

US Route 17 (4 miles south of Hardeeville)
LOCATION ADDRESS

Hardeeville
LOCATION CITY

29927
ZIP CODE

Jasper
LOCATION COUNTY

SIZE OF SITE: (acres)

° ' . " N
LATITUDE

° ' . " W
LONGITUDE

YEARS OF OPERATION:

SITE DESCRIPTION: From 1975 to 1979 a bulk chemical transport company used an on-site sand oxidation pond for disposal of rinse waters from washing the interior of their tank trucks.

Circle permits issued: RCRA TSD; RCRA Gen.; NPDES; ND; WW Const.; UIC; Air; NESHAPS; Other

Is the facility currently operating? Yes No

Are there any reasons to preclude adding this site to CERCLIS? (i.e. petroleum, dry cleaner, responsible party lead, voluntary cleanup program, direct referral to Bureau of Water)

SCS123456834
EPA IDENTIFICATION NUMBER

OTHER/ALTERNATE NAMES FOR THE FACILITY/SITE: Roy's Carolina Tank Cleaning

PROBLEM BELIEVED PRESENT; EST. QUANITIES OF WASTE AND/OR CONTAMINANTS PRESENT:
Approx. 600,000 pounds of rinse waters

SITE OWNER: Mr. Roy McGraw

ADDRESS: Route 1, Box 250

CITY: Hardeeville **STATE:** SC **ZIP CODE:** 29927

MOST RECENT SITE OPERATOR: Mr. Roy McGraw

TELEPHONE NUMBER: (803) 784 - 6651

Low Country
DISTRICT NAME

01/27/98
DATE REPORTED

REPORTED BY: Natalie Macke

Reasons for adding this site to the EQC PROJECTS LIST (Brief description of potential hazard or concern):
Coordination with the Bureau of WAter may be needed for possible petroleum contamination on-site.

NOTE:
The following information is optional. Any questions that can be answered will aid in the assessment of this site. If you do not know the answer to a particular question, leave it blank. When making estimates for distances etc., please indicate that it is an estimate.

List any adjoining / nearby property with activities that could be affecting the environment or site in question. _____

Circle all of the following that apply to the surrounding area:

Agricultural | Residential | Urban | Suburban | Rural | Industrial

List all permits associated with this site. _____

Is the site accessible to the public? Yes No Describe: Private residence/ Public Salvage Yard

Are there monitoring wells or drinking water wells on-site? Yes No Describe: Private Water Supply on-site According to owner, the well is approx. 600ft deep.

Are there monitoring wells or drinking water wells on adjacent properties? Yes No Describe: Unknown

What is the distance to the nearest drinking well (public or private)? Private well on-site

Is groundwater the prime drinking water supply in the area? Yes No Describe:

Has groundwater been impacted? Yes No Describe: Unknown

Is there a clearly defined runoff pathway to surface water? Yes No Describe: No

Is there a wastewater discharge to surface water? Yes No Describe: Unknown

Are contaminants from the site likely to have reached residential property or other receptors? Yes No Describe: On-site oxidation approx 300 ft from McGraw residence

What is the distance to the nearest perennial surface water body? Unknown

What are the names of the perennial surface water bodies in the runoff pathway? Unknown

What is the approximate downstream distance to the point where sustained fishing activity occurs? Unknown

What is the distance to the nearest residence? Site is a private residence

List any environmental assessment work done or any ongoing monitoring: Private well was sampled 6/29/95 (Non-detect recorded for priority pollutants) Pond sediment sampled 6/29/95.

Please provide a site map (rough site sketch acceptable) with waste locations.

OFFICIAL USE ONLY	DISCOVERY DATE: [redacted] FILE No.: [redacted] ID #:
	QUADRANGLE: _____ DATE: __/__/__
	REVIEW COMMITTEE'S DECISION: LAND WATER AIR
	APPROVAL BY: _____ DATE: _____

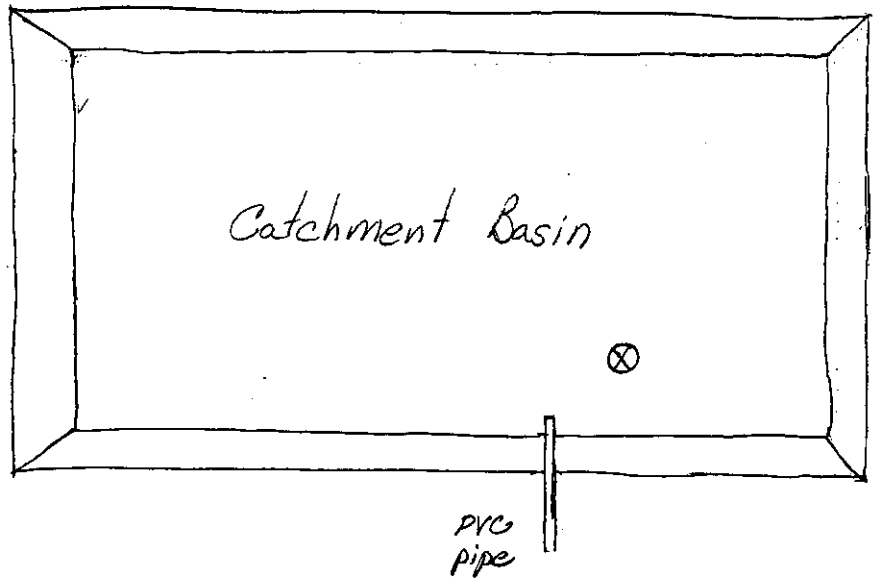
Field Notes
McGraw Salvage
June 28, 1995

Ref. 6

time: 10:15 A.m.
Day: Overcast + approx. 90°
rainfall: Site had received rainfall within the last 24 hours
Puddled rainfall was noted.

Item #1 Private Well was sampled
- well characteristics according to owner
  12 inch diameter
  600 feet deep

- Well was purged at the closest outside tap according to owner
- purged time was approximately 15 minutes before sampling began
- Order of sampling BNA extractables / Pesticides Herbicides, field blanks replaced into cooler, volatiles, mercury and metals. Some difficulty in fully preserving the Hg should be noted. The full dosage of preservative (1:1 HNO_3) was not attained.
- The catchment basin sediment was sampled in the following order; volatile organics then sediments
- The basin was ponded (depth 2"), a white precipitant was noted on bottom of basin under precipitant was a grey/red brown mottled clay
- soil ✓ location (see attached map)
  boring taken



⊗ Catchment Basin sample location

● Soil Boring location

McGraw Salvage Hwy 321 South
Hardeeville, SC
Jasper County

Ref. 7

South Carolina
DHEC
Department of Health and Environmental Control

MEMORANDUM

WPC GEOHYDROLOGIC SECTION

To: Bureau of Water Pollution Control Files

From: Natalie Macke, Hydrologist NAM
Geohydrologic Section
Water Quality Assessment and Enforcement Division

Re: McGraw Auto Salvage Inc. - Jasper County
formerly, Roy's Carolina Tank Cleaning
CERCLIS-Site Discovery Forms (1979) - Investigation

Date: June 26, 1995

The referenced facility was referred to this Section by William R. Krecker (Enforcement Liaison) on 05/26/95. The following information has been noted from a site visit made by the writer on 06/16/95.

From 1975 till 1979 Mr. McGraw of Roy's Carolina Tank Cleaning allowed Chemical Leaman, a chemical transport company, to use his property to steam clean the inside of their tank trucks. The wastewater was subsequently discharged to a sand oxidation pond. The remains of the old oxidation pond are still apparent. The first foot of soil in the pond area is still stained and volatile organics seem to be present.

Further investigation is ensuing.

NM
cc: Gina Lowman

Ref 8
WRC

Sheet No. _____

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

Organic Analysis of Sediment - Laboratory Report and Data Entry Form

Collection for: (X) Special ( ) Trend Name of Study: McCraw Site Date: 95 6 29 (Yr Mo Da) Collector: Natalie Macke

Water Body: _____ Basin: _____ County: Jasper

Comments:

Laboratory Number		062995	0052									
Station Number												
Time Collected												
Pesticide Scan												
Aldrin	(µg/kg)	39333										
beta - BHC	(µg/kg)	34257										
Chlordane	(µg/kg)	39351										
P,P'-DDD	(µg/kg)	39311										
P,P'-DDE	(µg/kg)	39321										
P,P'-DDT	(µg/kg)	39301										
O,P'-DDD	(µg/kg)	39316										
O,P'-DDE	(µg/kg)	39328										
O,P'-DDT	(µg/kg)	39306										
Dieldrin	(µg/kg)	39383										
Heptachlor	(µg/kg)	39413										
Heptachlor Epoxide	(µg/kg)	39423										
Lindane	(µg/kg)	39783										
Methoxychlor	(µg/kg)	39481										
Toxaphene	(µg/kg)	39403										
Diazinon	(µg/kg)	39571										
Ethion	(µg/kg)	39399										
Guthion	(µg/kg)	39581										
Malathion	(µg/kg)	39531										
Methyl Parathion	(µg/kg)	39601										
Parathion	(µg/kg)	39541										
Ronnel	(µg/kg)	81761										
alpha - BHC	(µg/kg)	39076										
Mirex	(µg/kg)	39758										
PCBs	(µg/kg)	39519										
Acid Extractables		45582										
Base-Neutral Ext.		45583										
Volatile Organics		84085										
PAHs												

Samples released to: _____ By: Natalie Macke Date: 6/29/95 Time: 16:00

Received in regional laboratory by: _____ Date received: _____

Date released from regional laboratory: _____ By: _____

Received in central laboratory by: KB Date received: 6/29/95 1600

Data released from organic section: 01/05/96 Released by: TCK

An "X" in the small column indicates test requested.

DHEC #40-15 (01/88) White - Central Office; Canary - District Office; Pink - ASD Central Lab

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*************************  *************************  *************************
*        SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL        *
*                ANALYTICAL SERVICES DIVISION LABORATORY  REPORT              *
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SAMPLE NUMBER : 0629950052
CHARGE NUMBER : WPC
COLLECTED BY : N MACKE
COUNTY : JASPER
SAMPLE DESCRIPTION : MCGRAW SITE
SAMPLE TYPE :

THURSDAY JANUARY 4TH, 1996
RELEASE DATE : 01/04/96 16:05:55
DT COLLECTED : 06/29/95 00:00:00
SAMPLE MEDIUM : SED
STATION CODE :

ANALYSIS	STORET	RESULT
N-NITROSODIMETHYLAMINE UG/KG	34441	<300
ANILINE UG/KG	78866	<300
PHENOL UG/KG	34695	<300
BIS(2-CHLOROETHYL)ETHER UG/KG	34276	<300
2-CHLOROPHENOL UG/KG	34589	<300
1,3-DICHLOROBENZENE UG/KG	34569	<300
1,4-DICHLOROBENZENE UG/KG	34574	<300
BENZYL ALCOHOL UG/KG	75212	<300
1,2-DICHLOROBENZENE UG/KG	34539	<300
2-METHYLPHENOL UG/KG	78872	<300
BIS(2-CHLOROISOPROPYL)ETHER UG/KG	34286	<300
4-METHYLPHENOL UG/KG	78803	<300
N-NITROSODI-N-PROPYLAMINE UG/KG	34431	<300
HEXACHLOROETHANE UG/KG	34399	<300
NITROBENZENE UG/KG	34450	<300
ISOPHORONE UG/KG	34411	<300
2-NITROPHENOL UG/KG	34594	<300
2,4-DIMETHYL PHENOL UG/KG	34609	<300
BENZOIC ACID UG/KG	75315	<300
BIS(2-CHLOROETHOXY)METHANE UG/KG	34281	<300
2,4-DICHLOROPHENOL UG/KG	34604	<300
1,2,4-TRICHLOROBENZENE UG/KG	34554	<300
NAPHTHALENE UG/KG	34445	<300
4-CHLOROANILINE UG/KG	78867	<300
HEXACHLOROBUTADIENE UG/KG	39705	<300
4-CHLORO-3-METHYL PHENOL UG/KG		<300
2-METHYLNAPHTHALENE UG/KG	78868	<300
HEXACHLOROCYCLOPENTADIENE UG/KG	34389	<300
2,4,6-TRICHLOROPHENOL UG/KG	34624	<300
2,4,5-TRICHLOROPHENOL UG/KG	78401	<300
2-CHLORONAPHTHALENE UG/KG	34584	<300
2-NITROANILIN U /KG	78299	<300
DIM T YL PHTHALATE UG/KG	34344	<300
ACENAPHTHYLENE UG/KG	34203	<300
2,6-DINITROTOLUENE UG/KG	34629	<300
3-NITROANILINE UG/KG	78869	<300
ACENAPHTHENE UG/KG	34208	<300
4-NITROPHENOL UG/KG	34649	<300
DIBENZOFURAN UG/KG	75647	<300
2,4-DINITROTOLUENE UG/KG	34614	<300
DIETHYL PHTHALATE UG/KG	34339	<300
4-CHLOROPHENYL PHENYL ETHER UG/KG	34644	<300

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL
ANALYTICAL SERVICES DIVISION LABORATORY REPORT

SAMPLE NUMBER : 0629950052
CHARGE NUMBER : WPC
COLLECTED BY : N MACKE
COUNTY : JASPER
SAMPLE DESCRIPTION : MCGRAW SITE
SAMPLE TYPE :

THURSDAY JANUARY 4TH, 1996
RELEASE DATE : 01/04/96 16:05:55
DT COLLECTED : 06/29/95 00:00:00
SAMPLE MEDIUM : SED
STATION CODE :

PAGE 2

ANALYSIS	STORET	RESULT
FLUORENE UG/KG	34384	<300
4-NITROANILINE UG/KG	78870	<300
AZOBENZENE UG/KG		<300
2-METHYL-4,6-DINITROPHENOL UG/KG		<300
N-NITROSODIPHENYLAMINE UG/KG	34436	<300
4-BROMOPHENYL PHENYL ETHER UG/KG	34639	<300
HEXACHLOROBENZENE UG/KG	39701	<300
PENTACHLOROPHENOL UG/KG	78873	<300
PHENANTHRENE UG/KG	34464	311
ANTHRACENE UG/KG	34223	10400
DI-N-BUTYLPHTHALATE UG/KG	39112	<300
FLUORANTHENE UG/KG	34379	<300
PYRENE UG/KG	34472	<300
BUTYLBENZYL PHTHALATE UG/KG	78800	<300
3,3'-DICHLOROBENZIDINE UG/KG	34634	<300
BENZO(A)ANTHRACENE UG/KG	34529	<300
CHRYSENE UG/KG	34323	<300
BIS(2-ETHYLHEXYL)PHTHALATE UG/KG	39102	1390
DI-N-OCTYLPHTHALATE UG/KG	34599	<300
BENZO(B)FLUORANTHENE UG/KG	34233	<300
ENZO(K)FLUORANTHENE UG/KG	34245	<300
ENZO(A)PYRENE UG/KG	34250	<300
NDENO(1,2,3-CD)PYRENE UG/KG	34406	<300
IBENZO(A,H)ANTHRACENE UG/KG	34559	<300
ENZO(GHI)PERYLENE UG/KG	34524	<300
.DRIN UG/KG		
PHA-BHC UG/KG	39333	<2.0
TA-BHC UG/KG	39076	<2.0
LTA-BHC UG/KG	34257	<2.0
NDANE UG/KG		<2.0
.ORDANE UG/KG	39783	<2.0
'-DDD UG/KG	39351	<15.0
-DDE UG/KG	39311	<2.0
-DDT UG/KG	39321	<2.0
LDRIN UG/KG	39301	<2.0
OSULFAN I UG/KG	39383	<2.0
OSULFAN II UG/KG	34364	<2.0
OSULFAN SULFATE UG/KG	34359	<2.0
RIN UG/KG	34354	<2.0
IN ALDEHYDE UG/KG	39393	<2.0
	34369	<2.0

p. 2

Oxidation pond
Sediment sample
(surface sample)

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*************************  *************************  ************************
*        SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL      *
*                ANALYTICAL SERVICES DIVISION LABORATORY REPORT             *
*****************************************************************************
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SAMPLE NUMBER : 0629950052
CHARGE NUMBER : WPC
COLLECTED BY : N MACKE
COUNTY : JASPER
SAMPLE DESCRIPTION : MCGRAW SITE
SAMPLE TYPE :

THURSDAY JANUARY 4TH, 1996
RELEASE DATE : 01/04/96 16:05:55
DT COLLECTED : 06/29/95 00:00:00
SAMPLE MEDIUM : SED
STATION CODE :

ANALYSIS	STORET	RESULT
1,2-DICHLOROBENZENE UG/KG	34539	<20.0

OMMENTS:

South Carolina
DHEC
Department of Health and Environmental Control

Request for Inorganic Analysis of Water
Analytical Services Division

WPC

STREAM: Primary ( ) Secondary ( ) Special (✓)
COUNTY: Jasper
Facility: McGraw Site Type:
NPDES No: SC00 Receiving Stream: Basin:
DATE: From 95 6 29 (Yr Mo Day) To: 95 6 29 (Yr Mo Day) Collector: Natalie Macke

Charge Code:
Sheet No.
Samples Split: EPA (1) Owner (2) None (3)

Station Number				
Laboratory Number	06295		0053	
Time Collected				
Sample Type				
TKN	(mg/L)	00625		
$NH_3 + NH_4^+$	(mg/L)	00610		
NO_3/NO_2 - N	(mg/L)	00630		
Total-P	(mg/L)	00665		
Ortho-P	(mg/L)	70507		
Dissol. Ortho-P	(mg/L)	00671		
Chloride	(mg/L)	00940		
Sulfate	(mg/L)	00945		
Cyanide	(mg/L)	00720		
Hardness	(mg/L)	00900		
Calcium	(mg/L)	00916		
Aluminum	(ug/L)	01105		
Antimony	(ug/L)	01097	X	
Arsenic	(ug/L)	01002		
Barium	(ug/L)	01007		
Beryllium	(ug/L)	01012		
Boron	(ug/L)	01022		
Cadmium	(ug/L)	01027	X	
Chromium	(ug/L)	01034		
Cobalt	(ug/L)	01037		
Copper	(ug/L)	01042		
Iron	(ug/L)	01045		
Lead	(ug/L)	01051		
Magnesium	(mg/L)	00927		
Manganese	(ug/L)	01055		
Mercury	(ug/L)	71900	X	
Molybdenum	(ug/L)	01062		
Nickel	(ug/L)	01067		
Selenium	(ug/L)	01047	X	
Silver	(ug/L)	01077		
Thallium	(ug/L)	01059	X	
Tin	(ug/L)	01102		
Ttianium	(ug/L)	01152		
Vanadium	(ug/L)	01087		
Zinc	(ug/L)	01092		
COD-low level	(mg/L)	00335		
COD-high	(mg/L)	00340		
TOC	(mg/L)	00680		

Run as Wdown Metals

Drinking Water Sample

From Mr. McGraw's well

Samples released to: By: Natalie Macke Date: 6/29/95 Time: 16:00
Received in regional laboratory by: Date received:
Date released from regional laboratory: By:
Received in central laboratory by: KN Date received: 6-29-95
Data released from analytical services central laboratory by: TCK Date released: 09/28/95
An "X" in the small column indicates test requested.

WPC

South Carolina
DHEC
Department of Health and Environmental Control

Request for Organic Analysis of Water
Analytical Services Division

STREAM: Primary ( ) Secondary ( ) Special ( )
COUNTY: Jasper
Facility McGraw Site
NPDES No: SC00
DATE: From 95 6 29 (Yr Mo Day) To 95 6 29 (Yr Mo Day)

Charge Code:
Sheet No.
Type
Samples Split EPA (1) Owner (2) None (3)
Receiving Stream
Basin
Collector Natalie Macke

Laboratory Number		062995		0053	0054							
Station Number					BLANK							
Time Collected												
Sample Type												
Herbicide Scan												
Pesticide Scan			X									
Aldrin	(ug/L)	39330										
beta-BHC	(ug/L)	39338										
Chlordane	(ug/L)	39350										
P-P'-DDD	(ug/L)	39310										
P-P'-DDE	(ug/L)	39320										
P-P'-DDT	(ug/L)	39300										
O-P'-DDD	(ug/L)	39315										
O-P'-DDE	(ug/L)	39327										
O-P'-DDT	(ug/L)	39305										
Dieldrin	(ug/L)	39380										
Heptachlor	(ug/L)	39410										
Heptachlor Epoxide	(ug/L)	39420										
Lindane	(ug/L)	39782										
Methoxychlor	(ug/L)	39480										
Toxaphene	(ug/L)	39400										
Diazinon	(ug/L)	39570										
Ethion	(ug/L)	39398										
Guthion	(ug/L)	39580										
Malathion	(ug/L)	39530										
Methyl Parathion	(ug/L)	39600										
Parathion	(ug/L)	39540										
alpha-BHC	(ug/L)	39337										
Mirex	(ug/L)	39755										
PCB's	(ug/L)	39516										
Acid Extractables		45582	X									
Base-Neutral Ext.		45583	X									
Volatile Organics		84085	X		X Run as Drinking H2O							
2,4D	(ug/L)	39730										
2,4,5T	(ug/L)	39740										
2,4,5TP	(ug/L)	39760										

Samples released to: By: Natalie Macke Date: 6/29-95 Time: 1600
Received in regional laboratory by: Date received:
Date released from regional laboratory: By:
Received in central laboratory by: KW Date received: 6-29-95
Data released from organic section: 09/28/95 Released by: TK
An "X" in the small column indicates test requested.

DHEC 2182 (8/94)

White - Central Office; Canary - ASD Central Lab; Pink - District Office;

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*************************************************************************
*        SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL  *
*              ANALYTICAL SERVICES DIVISION LABORATORY  REPORT          *
*************************************************************************
```

SAMPLE NUMBER : 0629950053
CHARGE NUMBER : WPC
COLLECTED BY : N MACKE
COUNTY : JASPER
SAMPLE DESCRIPTION : MCGRAW SITE
SAMPLE TYPE :

MONDAY SEPTEMBER 25TH, 1995
RELEASE DATE : 09/25/95 16:30:06
DT COLLECTED : 06/29/95 00:00:00
SAMPLE MEDIUM : WATER
STATION CODE :

ANALYSIS	STORET	RESULT
N-NITROSODIMETHYLAMINE UG/L	34438	<4.0
ANILINE UG/L	77089	<4.0
PHENOL UG/L	34694	<4.0
BIS(2-CHLOROETHYL)ETHER UG/L	34273	<4.0
2-CHLOROPHENOL UG/L	34586	<4.0
1,3-DICHLOROBENZENE UG/L	34566	<4.0
1,4-DICHLOROBENZENE UG/L	34571	<4.0
BENZYL ALCOHOL UG/L	77147	<4.0
1,2-DICHLOROBENZENE UG/L	34536	<4.0
2-METHYLPHENOL UG/L		<4.0
BIS(2-CHLOROISOPROPYL)ETHER UG/L	34283	<4.0
4-METHYLPHENOL UG/L		<4.0
N-NITROSODI-N-PROPYLAMINE UG/L	34428	<4.0
HEXACHLOROETHANE UG/L	34396	<4.0
NITROBENZENE UG/L	34447	<4.0
ISOPHORONE UG/L	34408	<4.0
2-NITROPHENOL UG/L	34591	<4.0
2,4-DIMETHYL PHENOL UG/L	34606	<4.0
BENZOIC ACID UG/L	77247	<4.0
BIS(2-CHLOROETHOXY)METHANE UG/L	34278	<4.0
2,4-DICHLOROPHENOL UG/L	34601	<4.0
1,2,4-TRICHLOROBENZENE UG/L	34551	<4.0
NAPHTHALENE UG/L	34696	<4.0
4-CHLOROANILINE UG/L		<4.0
HEXACHLOROBUTADIENE UG/L	34391	<4.0
4-CHLORO-3-METHYL PHENOL UG/L	34452	<4.0
2-METHYL NAPHTHALENE UG/L	77416	<4.0
HEXACHLOROCYLCOPENTADIENE UG/L	34386	<4.0
2,4,6-TRICHLOROPHENOL UG/L	34621	<4.0
2,4,5-TRICHLOROPHENOL UG/L	77687	<4.0
2-CHLORONAPHTHALENE UG/L	34581	<4.0
2-NITROANILINE UG/L		<4.0
DIMETHYL PHTHALATE UG/L	34341	<4.0
ACENAPHTHYLENE UG/L	34200	<4.0
2,6-DINITROTOLUENE UG/L	34626	<4.0
3-NITROANILINE UG/L	78300	<4.0
ACENAPHTHENE UG/L	34205	<4.0
4-NITROPHENOL UG/L	34646	<4.0
DIBENZOFURAN UG/L	81302	<4.0
2,4-DINITROTOLUENE UG/L	34611	<4.0
DIETHYL PHTHALATE UG/L	34336	<4.0
4-CHLOROPHENYL PHENYL ETHER UG/L	34641	<4.0

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*        SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL  *
*              ANALYTICAL SERVICES DIVISION LABORATORY  REPORT          *
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SAMPLE NUMBER : 0629950053
CHARGE NUMBER : WPC
COLLECTED BY : N MACKE
COUNTY : JASPER
SAMPLE DESCRIPTION : MCGRAW SITE
SAMPLE TYPE :

MONDAY SEPTEMBER 25TH, 1995
RELEASE DATE : 09/25/95 16:30:06
DT COLLECTED : 06/29/95 00:00:00
SAMPLE MEDIUM : WATER
STATION CODE :

ANALYSIS	STORET	RESULT
FLUORENE UG/L	34381	<4.0
4-NITROANILINE UG/L		<4.0
AZOBENZENE UG/L	77625	<4.0
2-METHYL-4,6-DINITROPHENOL UG/L	34657	<4.0
N-NITROSODIPHENYLAMINE UG/L	34433	<4.0
4-BROMOPHENYL PHENYL ETHER UG/L	34636	<4.0
HEXACHLOROBENZENE UG/L	39700	<4.0
PENTACHLOROPHENOL UG/L	39032	<4.0
PHENANTHRENE UG/L	34461	<4.0
ANTHRACENE UG/L	34220	<4.0
DI-N-BUTYLPHTHALATE UG/L	39110	<4.0
FLUORANTHENE UG/L	34376	<4.0
PYRENE UG/L	34469	<4.0
BUTYLBENZYL PHTHALATE UG/L	34292	<4.0
3,3'-DICHLOROBENZIDINE UG/L	34631	<4.0
BENZO(A)ANTHRACENE UG/L	34526	<4.0
CHRYSENE UG/L	34320	<4.0
BIS(2-ETHYLHEXYL)PHTHALATE UG/L	39100	<4.0
DI-N-OCTYLPHTHALATE UG/L	34596	<4.0
BENZO(B)FLUORANTHENE UG/L	34230	<4.0
BENZO(K)FLUORANTHENE UG/L	34242	<4.0
BENZO(A)PYRENE UG/L	34247	<4.0
INDENO(1,2,3-CD)PYRENE UG/L	34403	<4.0
DIBENZO(A,H)ANTHRACENE UG/L	34556	<4.0
BENZO(GHI)PERYLENE UG/L	34521	<4.0
ALDRIN UG/L	39330	<0.05
ALPHA-BHC UG/L	39337	<0.05
BETA-BHC	39338	<0.05
DELTA-BHC	34259	<0.05
LINDANE UG/L	39782	<0.05
CHLORDANE UG/L	39350	<0.05
P,P'-DDD UG/L	39310	<0.05
P,P'-DDE UG/L	39320	<0.05
P,P'-DDT UG/L	39300	<0.05
DIELDRIN UG/L	39380	<0.05
ENDOSULFAN I UG/L	34361	<0.05
ENDOSULFAN II UG/L	34356	<0.05
ENDOSULFAN SULFATE UG/L	34351	<0.05
ENDRIN UG/L	39390	<0.05
ENDRIN ALDEHYDE UG/L	34366	<0.05

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*************************************************************************
*        SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL  *
*                ANALYTICAL SERVICES DIVISION LABORATORY  REPORT        *
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SAMPLE NUMBER : 0629950053
CHARGE NUMBER : WPC
COLLECTED BY : N MACKE
COUNTY : JASPER
SAMPLE DESCRIPTION : MCGRAW SITE
SAMPLE TYPE :

MONDAY SEPTEMBER 25TH, 1995
RELEASE DATE : 09/25/95 16:30:06
DT COLLECTED : 06/29/95 00:00:00
SAMPLE MEDIUM : WATER
STATION CODE :

ANALYSIS	STORET	RESULT
HEPTACHLOR UG/L	39410	<0.05
HEPTACHLOR EPOXIDE UG/L	39420	<0.05
TOXAPHENE UG/L	39400	<0.05
PCB 1016 UG/L	34671	<0.5
PCB 1221 UG/L	39488	<0.5
PCB 1232 UG/L	39492	<0.5
PCB 1242 UG/L	39496	<0.5
PCB 1248 UG/L	39500	<0.5
PCB 1254 UG/L	39504	<0.5
PCB 1260 UG/L	39508	<0.5
ALUMINUM MG/L	1002	<0.05
CADMIUM MG/L	1015	<0.0001
BARIUM MG/L	1010	<0.05
BERYLLIUM MG/L	1075	<0.003
CHROMIUM MG/L	1020	<0.01
NICKEL MG/L	1036	<0.02
MERCURY MG/L	1035	<0.0002
ANTIMONY MG/L	1074	<0.003
SELENIUM MG/L	1045	<0.005
THALLIUM MG/L	1085	<0.001
DICHLORODIFLUOROMETHANE MG/L	2212	<0.0005
CHLOROMETHANE MG/L	2210	<0.0005
VINYL CHLORIDE MG/L	2976	<0.0005
BROMOMETHANE MG/L	2214	<0.0005
CHLOROETHANE MG/L	2216	<0.0005
TRICHLOROFLUOROMETHANE MG/L	2218	<0.0005
1,1-DICHLOROETHYLENE MG/L	2977	<0.0005
METHYLENE CHLORIDE MG/L	2964	<0.0005
TRANS-1,2-DICHLOROETHENE MG/L	2979	<0.0005
1,1-DICHLOROETHANE MG/L	2978	<0.0005
2,2-DICHLOROPROPANE MG/L	2416	<0.0005
CIS-1,2-DICHLOROETHENE MG/L	2380	<0.0005

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*************************************************************************
*        SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL  *
*                ANALYTICAL SERVICES DIVISION LABORATORY  REPORT        *
*************************************************************************
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SAMPLE NUMBER : 0629950053
CHARGE NUMBER : WPC
COLLECTED BY : N MACKE
COUNTY : JASPER
SAMPLE DESCRIPTION : MCGRAW SITE
SAMPLE TYPE :

MONDAY SEPTEMBER 25TH, 1995
RELEASE DATE : 09/25/95 16:30:06
DT COLLECTED : 06/29/95 00:00:00
SAMPLE MEDIUM : WATER
STATION CODE :

ANALYSIS	STORET	RESULT
1,2-DIBROMO-3-CHLOROPROPANE MG/L	2931	<0.0005
1,2,4-TRICHLOROBENZENE MG/L	2378	<0.0005
HEXACHLOROBUTADIENE MG/L	2246	<0.0005
NAPHTHALENE MG/L	2248	<0.0005
1,2,3-TRICHLOROBENZENE MG/L	2420	<0.0005

COMMENTS:

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*****************************************************************************
*        SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL      *
*                ANALYTICAL SERVICES DIVISION LABORATORY  REPORT            *
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SAMPLE NUMBER : 0629950054
CHARGE NUMBER : WPC
COLLECTED BY : N MACKE
COUNTY : JASPER
SAMPLE DESCRIPTION : MCGRAW SITE
SAMPLE TYPE :

FRIDAY JULY 14TH, 1995
RELEASE DATE : 07/14/95 15:43:33
DT COLLECTED : 06/29/95 00:00:00
SAMPLE MEDIUM : WATER
STATION CODE :

ANALYSIS	STORET	RESULT
DICHLORODIFLUOROMETHANE MG/L	2212	<0.0005
CHLOROMETHANE MG/L	2210	<0.0005
VINYL CHLORIDE MG/L	2976	<0.0005
BROMOMETHANE MG/L	2214	<0.0005
CHLOROETHANE MG/L	2216	<0.0005
TRICHLOROFLUOROMETHANE MG/L	2213	<0.0005
1,1-DICHLOROETHYLENE MG/L	2977	<0.0005
METHYLENE CHLORIDE MG/L	2964	<0.0005
TRANS-1,2-DICHLOROETHENE MG/L	2979	<0.0005
1,1-DICHLOROETHANE MG/L	2978	<0.0005
2,2-DICHLOROPROPANE MG/L	2416	<0.0005
CIS-1,2-DICHLOROETHENE MG/L	2380	<0.0005
CHLOROFORM MG/L	2941	<0.0005
BROMOCHLOROMETHANE MG/L	2430	<0.0005
1,1,1-TRICHLOROETHANE MG/L	2981	<0.0005
1,1-DICHLOROPROPENE MG/L	2410	<0.0005
CARBON TETRACHLORIDE MG/L	2982	<0.0005
BENZENE MG/L	2990	<0.0005
1,2-DICHLOROETHANE MG/L	2980	<0.0005
TRICHLOROETHYLENE MG/L	2984	<0.0005
1,2-DICHLOROPROPANE MG/L	2983	<0.0005
BROMODICHLOROMETHANE MG/L	2943	<0.0005
DIBROMOMETHANE MG/L	2408	<0.0005
TRANS-1,3-DICHLOROPROPENE MG/L	2224	<0.0005
TOLUENE MG/L	2991	<0.0005
CIS-1,3-DICHLOROPROPENE MG/L	2228	<0.0005
1,1,2-TRICHLOROETHANE MG/L	2985	<0.0005
TETRACHLOROETHENE MG/L	2987	<0.0005
1,3-DICHLOROPROPANE MG/L	2412	<0.0005
DIBROMOCHLOROMETHANE MG/L	2944	<0.0005
1,2-DIBROMOETHANE MG/L	2946	<0.0005
CHLOROBENZENE MG/L	2989	<0.0005
1,1,1,2-TETRACHLOROETHANE MG/L	2996	<0.0005
ETHYLBENZENE MG/L	2992	<0.0005
M,P-XYLENES MG/L	2955	<0.0005
O-XYLENE MG/L	2997	<0.0005
STYRENE MG/L	2996	<0.0005
BROMOFORM MG/L	2942	<0.0005
ISOPROPYLBENZENE MG/L	2994	<0.0005
1,1,2,2-TETRACHLOROETHANE MG/L	2986	<0.0005
BROMOBENZENE MG/L	2993	<0.0005

Ref. 9

SOIL BORING LOG

Location: McGraw Auto Salvage Inc.
U.S. Route 17 - 4 miles South of Hardeeville

Date: 6/29/95

County: Jasper

Latitude:

Longitude:

Elevation: 20 ft Total depth: 5.5ft Water table: not reached

Logged by: Natalie Macke and Bruce Crawford

Seasonal high water table (estimate): 1.5 ft

Depth ft	Description
	6'' sand, fg-vfg, buff tan to light grey color
	1' same as above
	1.5' clay v. sandy, mottled grey/red-brown Moist and strong diesel smell
	2' same as above - strong diesel smell still present
	2.5' clay v. sandy fg, silty mottled grey/red-brown Fe concretions - strong diesel smell still present
	3' same as above - strong diesel smell still present
	3.5' same as above
	4' same as above - a bit less diesel smell
	4.5' same as above
	5' same as above
	5.5' same as above
T.D.	6

Ref. 13

SITE DISCOVERY FORM

EPA ID: _____ SOURCE: ___ (E=EPA, S=STATE)

SITE NAME: ROY'S CAROLINA TANK CLEANING (Salvage)

LOC. ADDRESS: Route 1, Box 250, 3 miles south of Hardeeville on Hwy. 17

CITY NAME: Hardeeville ZIP CODE: 29927

COUNTY: Jasper

LATITUDE: Unknown LONGITUDE: Unknown

SITE DESCRIPTION: The company described operations as washing of tank trailers that have hauled various chemicals in bulk quantities.

DISTRICT NAME: Low Country

SITE DISCOVERY DATE: 3-1-95

REPORTED BY: Site Screening Section, SCDHEC

REASON FOR LISTING: SCDHEC Notification of Hazardous Waste Activity form (1979) states that 600,000 pounds of rinse waters from washing tank trucks treated in oxidation pond providing settling and biological activity. The form states that "currently not enough waste present to transort off-site."

Appendix 1

ORGANIC DATA QUALIFIER REPORT

Case Number:	33327	Project Number	04-0920	SOW Number	OLM04.3/ OLC03.2
Site ID.	McGraw Auto Salvage, Hardeeville, SC			Date	10/13/04

Affected Samples	Compound or Fraction	Flag Used	Reason
Volatiles			
10430	methyl acetate	R	RRF < 0.050 in initial and continuing calibration
10431	dichlorodifluoromethane, chloroethane	J	erratic continuing calibration
	1,2-dibromo-3-chloropropane	R	RRF < 0.050 in initial and continuing calibration
	chlorobenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene	J	< quantitation limit
10432	dichlorodifluoromethane, chloroethane	J	erratic continuing calibration
	1,2-dibromo-3-chloropropane	R	RRF < 0.050 in initial and continuing calibration
10433	dichlorodifluoromethane, chloroethane	J	erratic continuing calibration
	1,2-dibromo-3-chloropropane	R	RRF < 0.050 in initial and continuing calibration
10434	dichlorodifluoromethane, chloroethane	J	erratic continuing calibration
	1,2-dibromo-3-chloropropane	R	RRF < 0.050 in initial and continuing calibration
10435	dichlorodifluoromethane, chloroethane	J	erratic continuing calibration
	1,2-dibromo-3-chloropropane	R	RRF < 0.050 in initial and continuing

ORGANIC DATA QUALIFIER REPORT

Case Number:	33327 Project Number 04-0920	SOW Number	OLM04.3/ OLC03.2
Site ID.	McGraw Auto Salvage, Hardeeville, SC	Date	10/13/04

Affected Samples	Compound or Fraction	Flag Used	Reason
			calibration
10436	dichlorodifluoromethane, chloroethane	J	erratic continuing calibration
	1,2-dibromo-3-chloropropane	R	RRF < 0.050 in initial and continuing calibration
10437	methyl acetate	R	RRF < 0.050 in initial and continuing calibration
Semivolatiles			
10430	di-n-octylphthalate, benzo(g,h,i)perylene	J	erratic continuing calibration
10431	isophorone, 2,4-dichlorophenol	J	PES - warning low
	benzaldehyde, 4-chloroaniline, hexachlorocyclopentadiene, 2,4-dinitrophenol, benzo(k)fluoranthene	J	erratic continuing calibration
	anthracene	J	< quantitation limit
10432	isophorone, 2,4-dichlorophenol	J	PES - warning low
	benzaldehyde, 4-chloroaniline, hexachlorocyclopentadiene, 2,4-dinitrophenol, benzo(k)fluoranthene	J	erratic continuing calibration
10433	isophorone, 2,4-dichlorophenol	J	PES - warning low
	benzaldehyde, 4-chloroaniline, hexachlorocyclopentadiene, 2,4-dinitrophenol, benzo(k)fluoranthene	J	erratic continuing calibration
10434	isophorone, 2,4-dichlorophenol	J	PES - warning low
	benzaldehyde, 4-chloroaniline, hexachlorocyclopentadiene, 2,4-dinitrophenol,	J	erratic continuing calibration

ORGANIC DATA QUALIFIER REPORT

Case Number:	33327	Project Number	04-0920	SOW Number	OLM04.3/ OLC03.2
Site ID.	McGraw Auto Salvage, Hardeeville, SC			Date	10/13/04

Affected Samples	Compound or Fraction	Flag Used	Reason
	benzo(k)fluoranthene		
10435	isophorone, 2,4-dichlorophenol	J	PES - warning low
	benzaldehyde, 4-chloroaniline, hexachlorocyclopentadiene, 2,4-dinitrophenol, benzo(k)fluoranthene	J	erratic continuing calibration
Pesticides			
10431	alpha-BHC, delta-BHC, gamma-BHC	J	erratic initial calibration
10432	alpha-BHC, delta-BHC, gamma-BHC	J	erratic initial calibration
10433	alpha-BHC, delta-BHC, gamma-BHC	J	erratic initial calibration
10434	alpha-BHC, delta-BHC, gamma-BHC	J	erratic initial calibration
	dieldrin	J	high surrogate recovery
10435	alpha-BHC, delta-BHC, gamma-BHC	J	erratic initial calibration

Sample **10430** FY **2004** Project: **04-0920**

Extractables Scan

Facility: McGraw Auto Salvage Hardeeville, SC
Program: SF Case No: 33327
Id/Station: MG001GW / MD No: 2S27 Inorg Contractor: LIBRTY
Media: GROUNDWATER D No: 2S27 Org Contractor: DATAC

Produced by: Appleby, Charlie
Requestor:
Project Leader: WJOYNER
Beginning: 09/14/2004 12:00
Ending:

RESULTS	UNITS	ANALYTE
5.0 U	UG/L	Benzaldehyde
5.0 U	UG/L	Phenol
5.0 U	UG/L	bis(2-Chloroethyl) Ether
5.0 U	UG/L	2-Chlorophenol
5.0 U	UG/L	2-Methylphenol
5.0 U	UG/L	bis(2-Chloroisopropyl) Ether
5.0 U	UG/L	Acetophenone
5.0 U	UG/L	(3-and/or 4-)Methylphenol
5.0 U	UG/L	n-Nitroso di-n-Propylamine
5.0 U	UG/L	Hexachloroethane
5.0 U	UG/L	Nitrobenzene
5.0 U	UG/L	Isophorone
5.0 U	UG/L	2-Nitrophenol
5.0 U	UG/L	2,4-Dimethylphenol
5.0 U	UG/L	bis(2-Chloroethoxy)Methane
5.0 U	UG/L	2,4-Dichlorophenol
5.0 U	UG/L	Naphthalene
5.0 U	UG/L	4-Chloroaniline
5.0 U	UG/L	Hexachlorobutadiene
5.0 U	UG/L	Caprolactam
5.0 U	UG/L	4-Chloro-3-Methylphenol
5.0 U	UG/L	2-Methylnaphthalene
5.0 U	UG/L	Hexachlorocyclopentadiene (HCCP)
5.0 U	UG/L	2,4,6-Trichlorophenol
20 U	UG/L	2,4,5-Trichlorophenol
5.0 U	UG/L	1,1-Biphenyl
5.0 U	UG/L	2-Chloronaphthalene
20 U	UG/L	2-Nitroaniline
5.0 U	UG/L	Dimethyl Phthalate
5.0 U	UG/L	2,6-Dinitrotoluene
5.0 U	UG/L	Acenaphthylene
20 U	UG/L	3-Nitroaniline
5.0 U	UG/L	Acenaphthene
20 U	UG/L	2,4-Dinitrophenol
20 U	UG/L	4-Nitrophenol

RESULTS	UNITS	ANALYTE
5.0 U	UG/L	Dibenzofuran
5.0 U	UG/L	2,4-Dinitrotoluene
5.0 U	UG/L	Diethyl Phthalate
5.0 U	UG/L	Fluorene
5.0 U	UG/L	4-Chlorophenyl Phenyl Ether
20 U	UG/L	4-Nitroaniline
20 U	UG/L	2-Methyl-4,6-Dinitrophenol
5.0 U	UG/L	n-Nitrosodiphenylamine/Diphenylamine
5.0 U	UG/L	1,2,4,5-Tetrachlorobenzene
5.0 U	UG/L	4-Bromophenyl Phenyl Ether
5.0 U	UG/L	Hexachlorobenzene (HCB)
5.0 U	UG/L	Atrazine
5.0 U	UG/L	Pentachlorophenol
5.0 U	UG/L	Phenanthrene
5.0 U	UG/L	Anthracene
NA	UG/L	Carbazole
5.0 U	UG/L	Di-n-Butylphthalate
5.0 U	UG/L	Fluoranthene
5.0 U	UG/L	Pyrene
5.0 U	UG/L	Benzyl Butyl Phthalate
5.0 U	UG/L	3,3'-Dichlorobenzidine
5.0 U	UG/L	Benzo(a)Anthracene
5.0 U	UG/L	Chrysene
5.0 U	UG/L	bis(2-Ethylhexyl) Phthalate
5.0 UJ	UG/L	Di-n-Octylphthalate
5.0 U	UG/L	Benzo(b)Fluoranthene
5.0 U	UG/L	Benzo(k)Fluoranthene
5.0 U	UG/L	Benzo-a-Pyrene
5.0 U	UG/L	Indeno (1,2,3-cd) Pyrene
5.0 U	UG/L	Dibenzo(a,h)Anthracene
5.0 UJ	UG/L	Benzo(ghi)Perylene

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **10430** FY **2004** Project: **04-0920**

Pesticides & Aroclors Scan

Facility: McGraw Auto Salvage Hardeeville, SC
Program: SF Case No: 33327
Id/Station: MG001GW / MD No: 2S27 Inorg Contractor: LIBRTY
Media: GROUNDWATER D No: 2S27 Org Contractor: DATAC

Produced by: Appleby, Charlie
Requestor:
Project Leader: WJOYNER
Beginning: 09/14/2004 12:00
Ending:

RESULTS	UNITS	ANALYTE
0.010 U	UG/L	alpha-BHC
0.010 U	UG/L	beta-BHC
0.010 U	UG/L	delta-BHC
0.010 U	UG/L	gamma-BHC (Lindane)
0.010 U	UG/L	Heptachlor
0.010 U	UG/L	Aldrin
0.010 U	UG/L	Heptachlor Epoxide
0.010 U	UG/L	Endosulfan I (alpha)
0.020 U	UG/L	Dieldrin
0.020 U	UG/L	4,4'-DDE (p,p'-DDE)
0.020 U	UG/L	Endrin
0.020 U	UG/L	Endosulfan II (beta)
0.020 U	UG/L	4,4'-DDD (p,p'-DDD)
0.020 U	UG/L	Endosulfan Sulfate
0.020 U	UG/L	4,4'-DDT (p,p'-DDT)
0.10 U	UG/L	Methoxychlor
0.020 U	UG/L	Endrin Ketone
0.020 U	UG/L	Endrin Aldehyde
0.010 U	UG/L	alpha-Chlordane /2
0.010 U	UG/L	gamma-Chlordane /2
1.0 U	UG/L	Toxaphene
0.20 U	UG/L	PCB-1016 (Aroclor 1016)
0.40 U	UG/L	PCB-1221 (Aroclor 1221)
0.20 U	UG/L	PCB-1232 (Aroclor 1232)
0.20 U	UG/L	PCB-1242 (Aroclor 1242)
0.20 U	UG/L	PCB-1248 (Aroclor 1248)
0.20 U	UG/L	PCB-1254 (Aroclor 1254)
0.20 U	UG/L	PCB-1260 (Aroclor 1260)

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

Sample **10430** FY **2004** Project: **04-0920**

Volatiles Scan

Facility: McGraw Auto Salvage Hardeeville, SC
Program: SF Case No: 33327
Id/Station: MG001GW / MD No: 2S27 Inorg Contractor: LIBRTY
Media: GROUNDWATER D No: 2S27 Org Contractor: DATAC

Produced by: Appleby, Charlie
Requestor:
Project Leader: WJOYNER
Beginning: 09/14/2004 12:00
Ending:

RESULTS	UNITS	ANALYTE
0.50 U	UG/L	Dichlorodifluoromethane
0.50 U	UG/L	Chloromethane
0.50 U	UG/L	Vinyl Chloride
0.50 U	UG/L	Bromomethane
0.50 U	UG/L	Chloroethane
0.50 U	UG/L	Trichlorofluoromethane (Freon 11)
0.50 U	UG/L	1,1-Dichloroethene (1,1-Dichloroethylene)
0.50 U	UG/L	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
5.0 U	UG/L	Acetone
0.50 U	UG/L	Carbon Disulfide
0.50 UR	UG/L	Methyl Acetate
0.50 U	UG/L	Methylene Chloride
0.50 U	UG/L	trans-1,2-Dichloroethene
0.50 U	UG/L	Methyl T-Butyl Ether (MTBE)
0.50 U	UG/L	1,1-Dichloroethane
0.50 U	UG/L	cis-1,2-Dichloroethene
5.0 U	UG/L	Methyl Ethyl Ketone
0.50 U	UG/L	Bromochloromethane
0.50 U	UG/L	Chloroform
0.50 U	UG/L	1,1,1-Trichloroethane
0.50 U	UG/L	Cyclohexane
0.50 U	UG/L	Carbon Tetrachloride
0.50 U	UG/L	Benzene
0.50 U	UG/L	1,2-Dichloroethane
0.50 U	UG/L	Trichloroethene (Trichloroethylene)
0.50 U	UG/L	Methylcyclohexane
0.50 U	UG/L	1,2-Dichloropropane
0.50 U	UG/L	Bromodichloromethane
0.50 U	UG/L	cis-1,3-Dichloropropene
5.0 U	UG/L	Methyl Isobutyl Ketone
0.50 U	UG/L	Toluene
0.50 U	UG/L	trans-1,3-Dichloropropene
0.50 U	UG/L	1,1,2-Trichloroethane
0.50 U	UG/L	Tetrachloroethene (Tetrachloroethylene)
5.0 U	UG/L	Methyl Butyl Ketone

RESULTS	UNITS	ANALYTE
0.50 U	UG/L	Dibromochloromethane
0.50 U	UG/L	1,2-Dibromoethane (EDB)
0.50 U	UG/L	Chlorobenzene
0.50 U	UG/L	Ethyl Benzene
0.50 U	UG/L	Total Xylenes
0.50 U	UG/L	Styrene
0.50 U	UG/L	Bromoform
0.50 U	UG/L	Isopropylbenzene
0.50 U	UG/L	1,1,2,2-Tetrachloroethane
0.50 U	UG/L	1,3-Dichlorobenzene
0.50 U	UG/L	1,4-Dichlorobenzene
0.50 U	UG/L	1,2-Dichlorobenzene
0.50 U	UG/L	1,2-Dibromo-3-Chloropropane (DBCP)
0.50 U	UG/L	1,2,4-Trichlorobenzene
0.50 U	UG/L	1,2,3-Trichlorobenzene

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **10437** FY **2004** Project: **04-0920**

Volatiles Scan

Facility: McGraw Auto Salvage Hardeeville, SC

Program: SF Case No: 33327

Id/Station: MG008GW /

Media: GROUNDWATER D No: 2S33 Org Contractor: DATAC

Produced by: Appleby, Charlie
Requestor:
Project Leader: WJOYNER
Beginning: 09/14/2004 12:00
Ending:

RESULTS	UNITS	ANALYTE
0.50 U	UG/L	Dichlorodifluoromethane
0.50 U	UG/L	Chloromethane
0.50 U	UG/L	Vinyl Chloride
0.50 U	UG/L	Bromomethane
0.50 U	UG/L	Chloroethane
0.50 U	UG/L	Trichlorofluoromethane (Freon 11)
0.50 U	UG/L	1,1-Dichloroethene (1,1-Dichloroethylene)
0.50 U	UG/L	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
28	UG/L	Acetone
0.50 U	UG/L	Carbon Disulfide
0.50 UR	UG/L	Methyl Acetate
0.50 U	UG/L	Methylene Chloride
0.50 U	UG/L	trans-1,2-Dichloroethene
0.50 U	UG/L	Methyl T-Butyl Ether (MTBE)
0.50 U	UG/L	1,1-Dichloroethane
0.50 U	UG/L	cis-1,2-Dichloroethene
15	UG/L	Methyl Ethyl Ketone
0.50 U	UG/L	Bromochloromethane
0.50 U	UG/L	Chloroform
0.50 U	UG/L	1,1,1-Trichloroethane
0.50 U	UG/L	Cyclohexane
0.50 U	UG/L	Carbon Tetrachloride
0.50 U	UG/L	Benzene
0.50 U	UG/L	1,2-Dichloroethane
0.50 U	UG/L	Trichloroethene (Trichloroethylene)
0.50 U	UG/L	Methylcyclohexane
0.50 U	UG/L	1,2-Dichloropropane
0.50 U	UG/L	Bromodichloromethane
0.50 U	UG/L	cis-1,3-Dichloropropene
5.0 U	UG/L	Methyl Isobutyl Ketone
0.50 U	UG/L	Toluene
0.50 U	UG/L	trans-1,3-Dichloropropene
0.50 U	UG/L	1,1,2-Trichloroethane
0.50 U	UG/L	Tetrachloroethene (Tetrachloroethylene)
5.0 U	UG/L	Methyl Butyl Ketone

RESULTS	UNITS	ANALYTE
0.50 U	UG/L	Dibromochloromethane
0.50 U	UG/L	1,2-Dibromoethane (EDB)
0.50 U	UG/L	Chlorobenzene
0.50 U	UG/L	Ethyl Benzene
0.50 U	UG/L	Total Xylenes
0.50 U	UG/L	Styrene
0.50 U	UG/L	Bromoform
0.50 U	UG/L	Isopropylbenzene
0.50 U	UG/L	1,1,2,2-Tetrachloroethane
0.50 U	UG/L	1,3-Dichlorobenzene
0.50 U	UG/L	1,4-Dichlorobenzene
0.50 U	UG/L	1,2-Dichlorobenzene
0.50 U	UG/L	1,2-Dibromo-3-Chloropropane (DBCP)
0.50 U	UG/L	1,2,4-Trichlorobenzene
0.50 U	UG/L	1,2,3-Trichlorobenzene

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **10437** FY **2004** Project: **04-0920**

MISCELLANEOUS COMPOUNDS

Facility: McGraw Auto Salvage Hardeeville, SC
Program: SF Case No: 33327
Id/Station: MG008GW /
Media: GROUNDWATER D No: 2S33 Org Contractor: DATAC

Produced by: Appleby, Charlie
Requestor:
Project Leader: WJOYNER
Beginning: 09/14/2004 12:00
Ending:

RESULTS	UNITS	ANALYTE
2.2 JN	UG/L	METHANE, ISOCYANO-

Data Reported as Identified by CLP Lab - IDs Not Verified

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **10431** FY **2004** Project: **04-0920**

Extractables Scan

Facility: McGraw Auto Salvage Hardeeville, SC

Program: SF Case No: 33327

Id/Station: MG002SE / MD No: 2S28 Inorg Contractor: LIBRTY

Media: SEDIMENT D No: 2S28 Org Contractor: A4

Produced by: Appleby, Charlie
Requestor:
Project Leader: WJOYNER
Beginning: 09/14/2004 11:40
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
500 UJ	UG/KG	Benzaldehyde
500 U	UG/KG	Phenol
500 U	UG/KG	bis(2-Chloroethyl) Ether
500 U	UG/KG	2-Chlorophenol
500 U	UG/KG	2-Methylphenol
500 U	UG/KG	bis(2-Chloroisopropyl) Ether
500 U	UG/KG	Acetophenone
500 U	UG/KG	(3-and/or 4-)Methylphenol
500 U	UG/KG	n-Nitroso di-n-Propylamine
500 U	UG/KG	Hexachloroethane
500 U	UG/KG	Nitrobenzene
500 UJ	UG/KG	Isophorone
500 U	UG/KG	2-Nitrophenol
500 U	UG/KG	2,4-Dimethylphenol
500 U	UG/KG	bis(2-Chloroethoxy)Methane
500 UJ	UG/KG	2,4-Dichlorophenol
500 U	UG/KG	Naphthalene
500 UJ	UG/KG	4-Chloroaniline
500 U	UG/KG	Hexachlorobutadiene
500 U	UG/KG	Caprolactam
500 U	UG/KG	4-Chloro-3-Methylphenol
500 U	UG/KG	2-Methylnaphthalene
500 UJ	UG/KG	Hexachlorocyclopentadiene (HCCP)
500 U	UG/KG	2,4,6-Trichlorophenol
1200 U	UG/KG	2,4,5-Trichlorophenol
500 U	UG/KG	1,1-Biphenyl
500 U	UG/KG	2-Chloronaphthalene
1200 U	UG/KG	2-Nitroaniline
500 U	UG/KG	Dimethyl Phthalate
500 U	UG/KG	2,6-Dinitrotoluene
500 U	UG/KG	Acenaphthylene
1200 U	UG/KG	3-Nitroaniline
500 U	UG/KG	Acenaphthene
1200 UJ	UG/KG	2,4-Dinitrophenol
1200 U	UG/KG	4-Nitrophenol

RESULTS	UNITS	ANALYTE
500 U	UG/KG	Dibenzofuran
500 U	UG/KG	2,4-Dinitrotoluene
500 U	UG/KG	Diethyl Phthalate
500 U	UG/KG	Fluorene
500 U	UG/KG	4-Chlorophenyl Phenyl Ether
1200 U	UG/KG	4-Nitroaniline
1200 U	UG/KG	2-Methyl-4,6-Dinitrophenol
500 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine
NA	UG/KG	1,2,4,5-Tetrachlorobenzene
500 U	UG/KG	4-Bromophenyl Phenyl Ether
500 U	UG/KG	Hexachlorobenzene (HCB)
500 U	UG/KG	Atrazine
1200 U	UG/KG	Pentachlorophenol
500 U	UG/KG	Phenanthrene
83 J	UG/KG	Anthracene
500 U	UG/KG	Carbazole
500 U	UG/KG	Di-n-Butylphthalate
500 U	UG/KG	Fluoranthene
500 U	UG/KG	Pyrene
500 U	UG/KG	Benzyl Butyl Phthalate
500 U	UG/KG	3,3'-Dichlorobenzidine
500 U	UG/KG	Benzo(a)Anthracene
500 U	UG/KG	Chrysene
500 U	UG/KG	bis(2-Ethylhexyl) Phthalate
500 U	UG/KG	Di-n-Octylphthalate
500 U	UG/KG	Benzo(b)Fluoranthene
500 UJ	UG/KG	Benzo(k)Fluoranthene
500 U	UG/KG	Benzo-a-Pyrene
500 U	UG/KG	Indeno (1,2,3-cd) Pyrene
500 U	UG/KG	Dibenzo(a,h)Anthracene
500 U	UG/KG	Benzo(ghi)Perylene
34	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **10431** FY **2004** Project: **04-0920**

MISCELLANEOUS COMPOUNDS

Facility: McGraw Auto Salvage Hardeeville, SC
Program: SF Case No: 33327
Id/Station: MG002SE / MD No: 2S28 Inorg Contractor: LIBRTY
Media: SEDIMENT D No: 2S28 Org Contractor: A4

Produced by: Appleby, Charlie
Requestor:
Project Leader: WJOYNER
Beginning: 09/14/2004 11:40
Ending:

RESULTS	UNITS	ANALYTE
480 JN	UG/KG	ANTHRONE
980 JN	UG/KG	9,10-ANTHRACENEDIONE
330 J	UG/KG	3 UNKNOWNS

Data Reported as Identified by CLP Lab - IDs Not Verified

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **10435** FY **2004** Project: **04-0920**

Extractables Scan

Facility: McGraw Auto Salvage Hardeeville, SC
Program: SF Case No: 33327
Id/Station: MG006SE / MD No: 2S32 Inorg Contractor: LIBRTY
Media: SEDIMENT D No: 2S32 Org Contractor: A4

Produced by: Appleby, Charlie
Requestor:
Project Leader: WJOYNER
Beginning: 09/14/2004 12:00
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
570 UJ	UG/KG	Benzaldehyde
570 U	UG/KG	Phenol
570 U	UG/KG	bis(2-Chloroethyl) Ether
570 U	UG/KG	2-Chlorophenol
570 U	UG/KG	2-Methylphenol
570 U	UG/KG	bis(2-Chloroisopropyl) Ether
570 U	UG/KG	Acetophenone
570 U	UG/KG	(3-and/or 4-)Methylphenol
570 U	UG/KG	n-Nitroso di-n-Propylamine
570 U	UG/KG	Hexachloroethane
570 U	UG/KG	Nitrobenzene
570 UJ	UG/KG	Isophorone
570 U	UG/KG	2-Nitrophenol
570 U	UG/KG	2,4-Dimethylphenol
570 U	UG/KG	bis(2-Chloroethoxy)Methane
570 UJ	UG/KG	2,4-Dichlorophenol
570 U	UG/KG	Naphthalene
570 UJ	UG/KG	4-Chloroaniline
570 U	UG/KG	Hexachlorobutadiene
570 U	UG/KG	Caprolactam
570 U	UG/KG	4-Chloro-3-Methylphenol
570 U	UG/KG	2-Methylnaphthalene
570 UJ	UG/KG	Hexachlorocyclopentadiene (HCCP)
570 U	UG/KG	2,4,6-Trichlorophenol
1400 U	UG/KG	2,4,5-Trichlorophenol
570 U	UG/KG	1,1-Biphenyl
570 U	UG/KG	2-Chloronaphthalene
1400 U	UG/KG	2-Nitroaniline
570 U	UG/KG	Dimethyl Phthalate
570 U	UG/KG	2,6-Dinitrotoluene
570 U	UG/KG	Acenaphthylene
1400 U	UG/KG	3-Nitroaniline
570 U	UG/KG	Acenaphthene
1400 UJ	UG/KG	2,4-Dinitrophenol
1400 U	UG/KG	4-Nitrophenol

RESULTS	UNITS	ANALYTE
570 U	UG/KG	Dibenzofuran
570 U	UG/KG	2,4-Dinitrotoluene
570 U	UG/KG	Diethyl Phthalate
570 U	UG/KG	Fluorene
570 U	UG/KG	4-Chlorophenyl Phenyl Ether
1400 U	UG/KG	4-Nitroaniline
1400 U	UG/KG	2-Methyl-4,6-Dinitrophenol
570 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine
NA	UG/KG	1,2,4,5-Tetrachlorobenzene
570 U	UG/KG	4-Bromophenyl Phenyl Ether
570 U	UG/KG	Hexachlorobenzene (HCB)
570 U	UG/KG	Atrazine
1400 U	UG/KG	Pentachlorophenol
570 U	UG/KG	Phenanthrene
570 U	UG/KG	Anthracene
570 U	UG/KG	Carbazole
570 U	UG/KG	Di-n-Butylphthalate
570 U	UG/KG	Fluoranthene
570 U	UG/KG	Pyrene
570 U	UG/KG	Benzyl Butyl Phthalate
570 U	UG/KG	3,3'-Dichlorobenzidine
570 U	UG/KG	Benzo(a)Anthracene
570 U	UG/KG	Chrysene
570 U	UG/KG	bis(2-Ethylhexyl) Phthalate
570 U	UG/KG	Di-n-Octylphthalate
570 U	UG/KG	Benzo(b)Fluoranthene
570 UJ	UG/KG	Benzo(k)Fluoranthene
570 U	UG/KG	Benzo-a-Pyrene
570 U	UG/KG	Indeno (1,2,3-cd) Pyrene
570 U	UG/KG	Dibenzo(a,h)Anthracene
570 U	UG/KG	Benzo(ghi)Perylene
42	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **10435** FY **2004** Project: **04-0920**

MISCELLANEOUS COMPOUNDS

Facility: McGraw Auto Salvage Hardeeville, SC
Program: SF Case No: 33327
Id/Station: MG006SE / MD No: 2S32 Inorg Contractor: LIBRTY
Media: SEDIMENT D No: 2S32 Org Contractor: A4

Produced by: Appleby, Charlie
Requestor:
Project Leader: WJOYNER
Beginning: 09/14/2004 12:00
Ending:

RESULTS	UNITS	ANALYTE
2900 J	UG/KG	7 UNKNOWNS
670 JN	UG/KG	1,1'-BIPHENYL, BIS(1-METHYLETHYO-
260 JN	UG/KG	.GAMMA.SITOSTROL
N	UG/KG	PETROLEUM PRODUCT

Data Reported as Identified by CLP Lab - IDs Not Verified

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **10431** FY **2004** Project: **04-0920**

Pesticides & Aroclors Scan

Facility: McGraw Auto Salvage Hardeeville, SC
Program: SF Case No: 33327
Id/Station: MG002SE / MD No: 2S28 Inorg Contractor: LIBRTY
Media: SEDIMENT D No: 2S28 Org Contractor: A4

Produced by: Appleby, Charlie
Requestor:
Project Leader: WJOYNER
Beginning: 09/14/2004 11:40
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
2.6 UJ	UG/KG	alpha-BHC
2.6 U	UG/KG	beta-BHC
2.6 UJ	UG/KG	delta-BHC
2.6 UJ	UG/KG	gamma-BHC (Lindane)
2.6 U	UG/KG	Heptachlor
2.6 U	UG/KG	Aldrin
2.6 U	UG/KG	Heptachlor Epoxide
2.6 U	UG/KG	Endosulfan I (alpha)
4.9 U	UG/KG	Dieldrin
4.9 U	UG/KG	4,4'-DDE (p,p'-DDE)
4.9 U	UG/KG	Endrin
4.9 U	UG/KG	Endosulfan II (beta)
4.9 U	UG/KG	4,4'-DDD (p,p'-DDD)
4.9 U	UG/KG	Endosulfan Sulfate
4.9 U	UG/KG	4,4'-DDT (p,p'-DDT)
25 U	UG/KG	Methoxychlor
4.9 U	UG/KG	Endrin Ketone
4.9 U	UG/KG	Endrin Aldehyde
2.6 U	UG/KG	alpha-Chlordane /2
2.6 U	UG/KG	gamma-Chlordane /2
250 U	UG/KG	Toxaphene
49 U	UG/KG	PCB-1016 (Aroclor 1016)
100 U	UG/KG	PCB-1221 (Aroclor 1221)
49 U	UG/KG	PCB-1232 (Aroclor 1232)
49 U	UG/KG	PCB-1242 (Aroclor 1242)
49 U	UG/KG	PCB-1248 (Aroclor 1248)
49 U	UG/KG	PCB-1254 (Aroclor 1254)
49 U	UG/KG	PCB-1260 (Aroclor 1260)
34	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
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NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

PESTICIDES/PCB SAMPLE ANALYSIS **EPA - REGION IV SESD, ATHENS, GA** **Production Date: 10/18/2004 17:22**

Sample **10435** FY **2004** Project: **04-0920**

Pesticides & Aroclors Scan

Facility: McGraw Auto Salvage Hardeeville, SC
Program: SF Case No: 33327
Id/Station: MG006SE / MD No: 2S32 Inorg Contractor: LIBRTY
Media: SEDIMENT D No: 2S32 Org Contractor: A4

Produced by: Appleby, Charlie
Requestor:
Project Leader: WJOYNER
Beginning: 09/14/2004 12:00
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
2.9 UJ	UG/KG	alpha-BHC
2.9 U	UG/KG	beta-BHC
2.9 UJ	UG/KG	delta-BHC
2.9 UJ	UG/KG	gamma-BHC (Lindane)
2.9 U	UG/KG	Heptachlor
2.9 U	UG/KG	Aldrin
2.9 U	UG/KG	Heptachlor Epoxide
2.9 U	UG/KG	Endosulfan I (alpha)
5.7 U	UG/KG	Dieldrin
5.7 U	UG/KG	4,4'-DDE (p,p'-DDE)
5.7 U	UG/KG	Endrin
5.7 U	UG/KG	Endosulfan II (beta)
5.7 U	UG/KG	4,4'-DDD (p,p'-DDD)
5.7 U	UG/KG	Endosulfan Sulfate
5.7 U	UG/KG	4,4'-DDT (p,p'-DDT)
29 U	UG/KG	Methoxychlor
5.7 U	UG/KG	Endrin Ketone
5.7 U	UG/KG	Endrin Aldehyde
2.9 U	UG/KG	alpha-Chlordane /2
2.9 U	UG/KG	gamma-Chlordane /2
290 U	UG/KG	Toxaphene
57 U	UG/KG	PCB-1016 (Aroclor 1016)
110 U	UG/KG	PCB-1221 (Aroclor 1221)
57 U	UG/KG	PCB-1232 (Aroclor 1232)
57 U	UG/KG	PCB-1242 (Aroclor 1242)
57 U	UG/KG	PCB-1248 (Aroclor 1248)
57 U	UG/KG	PCB-1254 (Aroclor 1254)
57 U	UG/KG	PCB-1260 (Aroclor 1260)
42	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
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R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

Sample **10431** FY **2004** Project: **04-0920**

Volatiles Scan

Facility: McGraw Auto Salvage Hardeeville, SC

Program: SF Case No: 33327

Id/Station: MG002SE / MD No: 2S28 Inorg Contractor: LIBRTY

Media: SEDIMENT D No: 2S28 Org Contractor: A4

Produced by: Appleby, Charlie
Requestor:
Project Leader: WJOYNER
Beginning: 09/14/2004 11:40
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
15 UJ	UG/KG	Dichlorodifluoromethane
15 U	UG/KG	Chloromethane
15 U	UG/KG	Vinyl Chloride
15 U	UG/KG	Bromomethane
15 UJ	UG/KG	Chloroethane
15 U	UG/KG	Trichlorofluoromethane (Freon 11)
15 U	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
15 U	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
57	UG/KG	Acetone
15 U	UG/KG	Carbon Disulfide
15 U	UG/KG	Methyl Acetate
15 U	UG/KG	Methylene Chloride
15 U	UG/KG	trans-1,2-Dichloroethene
15 U	UG/KG	Methyl T-Butyl Ether (MTBE)
15 U	UG/KG	1,1-Dichloroethane
15 U	UG/KG	cis-1,2-Dichloroethene
17	UG/KG	Methyl Ethyl Ketone
NA	UG/KG	Bromochloromethane
15 U	UG/KG	Chloroform
15 U	UG/KG	1,1,1-Trichloroethane
15 U	UG/KG	Cyclohexane
15 U	UG/KG	Carbon Tetrachloride
15 U	UG/KG	Benzene
15 U	UG/KG	1,2-Dichloroethane
15 U	UG/KG	Trichloroethene (Trichloroethylene)
15 U	UG/KG	Methylcyclohexane
15 U	UG/KG	1,2-Dichloropropane
15 U	UG/KG	Bromodichloromethane
15 U	UG/KG	cis-1,3-Dichloropropene
15 U	UG/KG	Methyl Isobutyl Ketone
15 U	UG/KG	Toluene
15 U	UG/KG	trans-1,3-Dichloropropene
15 U	UG/KG	1,1,2-Trichloroethane
15 U	UG/KG	Tetrachloroethene (Tetrachloroethylene)
15 U	UG/KG	Methyl Butyl Ketone

RESULTS	UNITS	ANALYTE
15 U	UG/KG	Dibromochloromethane
15 U	UG/KG	1,2-Dibromoethane (EDB)
13 J	UG/KG	Chlorobenzene
15 U	UG/KG	Ethyl Benzene
15 U	UG/KG	Total Xylenes
15 U	UG/KG	Styrene
15 U	UG/KG	Bromoform
15 U	UG/KG	Isopropylbenzene
15 U	UG/KG	1,1,2,2-Tetrachloroethane
4 J	UG/KG	1,3-Dichlorobenzene
4 J	UG/KG	1,4-Dichlorobenzene
15 U	UG/KG	1,2-Dichlorobenzene
15 UR	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
15 U	UG/KG	1,2,4-Trichlorobenzene
NA	UG/KG	1,2,3-Trichlorobenzene
34	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
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R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **10435** FY **2004** Project: **04-0920**

Volatiles Scan

Facility: McGraw Auto Salvage Hardeeville, SC
Program: SF Case No: 33327
Id/Station: MG006SE / MD No: 2S32 Inorg Contractor: LIBRTY
Media: SEDIMENT D No: 2S32 Org Contractor: A4

Produced by: Appleby, Charlie
Requestor:
Project Leader: WJOYNER
Beginning: 09/14/2004 12:00
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
17 UJ	UG/KG	Dichlorodifluoromethane
17 U	UG/KG	Chloromethane
17 U	UG/KG	Vinyl Chloride
17 U	UG/KG	Bromomethane
17 UJ	UG/KG	Chloroethane
17 U	UG/KG	Trichlorofluoromethane (Freon 11)
17 U	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
17 U	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
44	UG/KG	Acetone
17 U	UG/KG	Carbon Disulfide
17 U	UG/KG	Methyl Acetate
17 U	UG/KG	Methylene Chloride
17 U	UG/KG	trans-1,2-Dichloroethene
17 U	UG/KG	Methyl T-Butyl Ether (MTBE)
17 U	UG/KG	1,1-Dichloroethane
17 U	UG/KG	cis-1,2-Dichloroethene
17 U	UG/KG	Methyl Ethyl Ketone
NA	UG/KG	Bromochloromethane
17 U	UG/KG	Chloroform
17 U	UG/KG	1,1,1-Trichloroethane
17 U	UG/KG	Cyclohexane
17 U	UG/KG	Carbon Tetrachloride
17 U	UG/KG	Benzene
17 U	UG/KG	1,2-Dichloroethane
17 U	UG/KG	Trichloroethene (Trichloroethylene)
17 U	UG/KG	Methylcyclohexane
17 U	UG/KG	1,2-Dichloropropane
17 U	UG/KG	Bromodichloromethane
17 U	UG/KG	cis-1,3-Dichloropropene
17 U	UG/KG	Methyl Isobutyl Ketone
17 U	UG/KG	Toluene
17 U	UG/KG	trans-1,3-Dichloropropene
17 U	UG/KG	1,1,2-Trichloroethane
17 U	UG/KG	Tetrachloroethene (Tetrachloroethylene)
17 U	UG/KG	Methyl Butyl Ketone

RESULTS	UNITS	ANALYTE
17 U	UG/KG	Dibromochloromethane
17 U	UG/KG	1,2-Dibromoethane (EDB)
17 U	UG/KG	Chlorobenzene
17 U	UG/KG	Ethyl Benzene
17 U	UG/KG	Total Xylenes
17 U	UG/KG	Styrene
17 U	UG/KG	Bromoform
17 U	UG/KG	Isopropylbenzene
17 U	UG/KG	1,1,2,2-Tetrachloroethane
17 U	UG/KG	1,3-Dichlorobenzene
17 U	UG/KG	1,4-Dichlorobenzene
17 U	UG/KG	1,2-Dichlorobenzene
17 UR	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
17 U	UG/KG	1,2,4-Trichlorobenzene
NA	UG/KG	1,2,3-Trichlorobenzene
42	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
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R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **10432** FY **2004** Project: **04-0920**

Extractables Scan

Facility: McGraw Auto Salvage Hardeeville, SC
Program: SF Case No: 33327
Id/Station: MG003SO / MD No: 2S29 Inorg Contractor: LIBRTY
Media: SURFACE SOIL D No: 2S29 Org Contractor: A4

Produced by: Appleby, Charlie
Requestor:
Project Leader: WJOYNER
Beginning: 09/14/2004 11:05
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
440 UJ	UG/KG	Benzaldehyde
440 U	UG/KG	Phenol
440 U	UG/KG	bis(2-Chloroethyl) Ether
440 U	UG/KG	2-Chlorophenol
440 U	UG/KG	2-Methylphenol
440 U	UG/KG	bis(2-Chloroisopropyl) Ether
440 U	UG/KG	Acetophenone
440 U	UG/KG	(3-and/or 4-)Methylphenol
440 U	UG/KG	n-Nitroso di-n-Propylamine
440 U	UG/KG	Hexachloroethane
440 U	UG/KG	Nitrobenzene
440 UJ	UG/KG	Isophorone
440 U	UG/KG	2-Nitrophenol
440 U	UG/KG	2,4-Dimethylphenol
440 U	UG/KG	bis(2-Chloroethoxy)Methane
440 UJ	UG/KG	2,4-Dichlorophenol
440 U	UG/KG	Naphthalene
440 UJ	UG/KG	4-Chloroaniline
440 U	UG/KG	Hexachlorobutadiene
440 U	UG/KG	Caprolactam
440 U	UG/KG	4-Chloro-3-Methylphenol
440 U	UG/KG	2-Methylnaphthalene
440 UJ	UG/KG	Hexachlorocyclopentadiene (HCCP)
440 U	UG/KG	2,4,6-Trichlorophenol
1100 U	UG/KG	2,4,5-Trichlorophenol
440 U	UG/KG	1,1-Biphenyl
440 U	UG/KG	2-Chloronaphthalene
1100 U	UG/KG	2-Nitroaniline
440 U	UG/KG	Dimethyl Phthalate
440 U	UG/KG	2,6-Dinitrotoluene
440 U	UG/KG	Acenaphthylene
1100 U	UG/KG	3-Nitroaniline
440 U	UG/KG	Acenaphthene
1100 UJ	UG/KG	2,4-Dinitrophenol
1100 U	UG/KG	4-Nitrophenol

RESULTS	UNITS	ANALYTE
440 U	UG/KG	Dibenzofuran
440 U	UG/KG	2,4-Dinitrotoluene
440 U	UG/KG	Diethyl Phthalate
440 U	UG/KG	Fluorene
440 U	UG/KG	4-Chlorophenyl Phenyl Ether
1100 U	UG/KG	4-Nitroaniline
1100 U	UG/KG	2-Methyl-4,6-Dinitrophenol
440 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine
NA	UG/KG	1,2,4,5-Tetrachlorobenzene
440 U	UG/KG	4-Bromophenyl Phenyl Ether
440 U	UG/KG	Hexachlorobenzene (HCB)
440 U	UG/KG	Atrazine
1100 U	UG/KG	Pentachlorophenol
440 U	UG/KG	Phenanthrene
440 U	UG/KG	Anthracene
440 U	UG/KG	Carbazole
440 U	UG/KG	Di-n-Butylphthalate
440 U	UG/KG	Fluoranthene
440 U	UG/KG	Pyrene
440 U	UG/KG	Benzyl Butyl Phthalate
440 U	UG/KG	3,3'-Dichlorobenzidine
440 U	UG/KG	Benzo(a)Anthracene
440 U	UG/KG	Chrysene
440 U	UG/KG	bis(2-Ethylhexyl) Phthalate
440 U	UG/KG	Di-n-Octylphthalate
440 U	UG/KG	Benzo(b)Fluoranthene
440 UJ	UG/KG	Benzo(k)Fluoranthene
440 U	UG/KG	Benzo-a-Pyrene
440 U	UG/KG	Indeno (1,2,3-cd) Pyrene
440 U	UG/KG	Dibenzo(a,h)Anthracene
440 U	UG/KG	Benzo(ghi)Perylene
25	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **10432** FY **2004** Project: **04-0920**

MISCELLANEOUS COMPOUNDS

Facility: McGraw Auto Salvage Hardeeville, SC
Program: SF Case No: 33327
Id/Station: MG003SO / MD No: 2S29 Inorg Contractor: LIBRTY
Media: SURFACE SOIL D No: 2S29 Org Contractor: A4

Produced by: Appleby, Charlie
Requestor:
Project Leader: WJOYNER
Beginning: 09/14/2004 11:05
Ending:

RESULTS	UNITS	ANALYTE
830 J	UG/KG	2 UNKNOWNS
N	UG/KG	PETROLEUM PRODUCT

Data Reported as Identified by CLP Lab - IDs Not Verified

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **10433** FY **2004** Project: **04-0920**

Extractables Scan

Facility: McGraw Auto Salvage Hardeeville, SC
Program: SF
Id/Station: MG004SO /
Media: SURFACE SOIL

Case No: 33327
MD No: 2S30
D No: 2S30

Inorg Contractor: LIBRTY
Org Contractor: A4

Produced by: Appleby, Charlie
Requestor:
Project Leader: WJOYNER
Beginning: 09/14/2004 11:20
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
370 UJ	UG/KG	Benzaldehyde
370 U	UG/KG	Phenol
370 U	UG/KG	bis(2-Chloroethyl) Ether
370 U	UG/KG	2-Chlorophenol
370 U	UG/KG	2-Methylphenol
370 U	UG/KG	bis(2-Chloroisopropyl) Ether
370 U	UG/KG	Acetophenone
370 U	UG/KG	(3-and/or 4-)Methylphenol
370 U	UG/KG	n-Nitroso di-n-Propylamine
370 U	UG/KG	Hexachloroethane
370 U	UG/KG	Nitrobenzene
370 UJ	UG/KG	Isophorone
370 U	UG/KG	2-Nitrophenol
370 U	UG/KG	2,4-Dimethylphenol
370 U	UG/KG	bis(2-Chloroethoxy)Methane
370 UJ	UG/KG	2,4-Dichlorophenol
370 U	UG/KG	Naphthalene
370 UJ	UG/KG	4-Chloroaniline
370 U	UG/KG	Hexachlorobutadiene
370 U	UG/KG	Caprolactam
370 U	UG/KG	4-Chloro-3-Methylphenol
370 U	UG/KG	2-Methylnaphthalene
370 UJ	UG/KG	Hexachlorocyclopentadiene (HCCP)
370 U	UG/KG	2,4,6-Trichlorophenol
930 U	UG/KG	2,4,5-Trichlorophenol
370 U	UG/KG	1,1-Biphenyl
370 U	UG/KG	2-Chloronaphthalene
930 U	UG/KG	2-Nitroaniline
370 U	UG/KG	Dimethyl Phthalate
370 U	UG/KG	2,6-Dinitrotoluene
370 U	UG/KG	Acenaphthylene
930 U	UG/KG	3-Nitroaniline
370 U	UG/KG	Acenaphthene
930 UJ	UG/KG	2,4-Dinitrophenol
930 U	UG/KG	4-Nitrophenol

RESULTS	UNITS	ANALYTE
370 U	UG/KG	Dibenzofuran
370 U	UG/KG	2,4-Dinitrotoluene
370 U	UG/KG	Diethyl Phthalate
370 U	UG/KG	Fluorene
370 U	UG/KG	4-Chlorophenyl Phenyl Ether
930 U	UG/KG	4-Nitroaniline
930 U	UG/KG	2-Methyl-4,6-Dinitrophenol
370 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine
NA	UG/KG	1,2,4,5-Tetrachlorobenzene
370 U	UG/KG	4-Bromophenyl Phenyl Ether
370 U	UG/KG	Hexachlorobenzene (HCB)
370 U	UG/KG	Atrazine
930 U	UG/KG	Pentachlorophenol
370 U	UG/KG	Phenanthrene
370 U	UG/KG	Anthracene
370 U	UG/KG	Carbazole
370 U	UG/KG	Di-n-Butylphthalate
370 U	UG/KG	Fluoranthene
370 U	UG/KG	Pyrene
370 U	UG/KG	Benzyl Butyl Phthalate
370 U	UG/KG	3,3'-Dichlorobenzidine
370 U	UG/KG	Benzo(a)Anthracene
370 U	UG/KG	Chrysene
370 U	UG/KG	bis(2-Ethylhexyl) Phthalate
370 U	UG/KG	Di-n-Octylphthalate
370 U	UG/KG	Benzo(b)Fluoranthene
370 UJ	UG/KG	Benzo(k)Fluoranthene
370 U	UG/KG	Benzo-a-Pyrene
370 U	UG/KG	Indeno (1,2,3-cd) Pyrene
370 U	UG/KG	Dibenzo(a,h)Anthracene
370 U	UG/KG	Benzo(ghi)Perylene
11	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **10433** FY **2004** Project: **04-0920**

MISCELLANEOUS COMPOUNDS

Facility: McGraw Auto Salvage Hardeeville, SC
Program: SF
Id/Station: MG004SO /
Media: SURFACE SOIL

Case No: 33327
MD No: 2S30
D No: 2S30

Inorg Contractor: LIBRTY
Org Contractor: A4

Produced by: Appleby, Charlie
Requestor:
Project Leader: WJOYNER
Beginning: 09/14/2004 11:20
Ending:

RESULTS	UNITS	ANALYTE
1100 JN	UG/KG	CARYOPHYLLENE
600 JN	UG/KG	COPAENE
1600 J	UG/KG	4 UNKNOWNS
14000 JN	UG/KG	CINNAMYL CINNAMATE
N	UG/KG	PETROLEUM PRODUCT

Data Reported as Identified by CLP Lab - IDs Not Verified

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **10434** FY **2004** Project: **04-0920**

Extractables Scan

Facility: McGraw Auto Salvage Hardeeville, SC
Program: SF
Id/Station: MG005SO /
Media: SURFACE SOIL

Case No: 33327
MD No: 2S31
D No: 2S31

Inorg Contractor: LIBRTY
Org Contractor: A4

Produced by: Appleby, Charlie
Requestor:
Project Leader: WJOYNER
Beginning: 09/14/2004 11:30
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
750 UJ	UG/KG	Benzaldehyde
750 U	UG/KG	Phenol
750 U	UG/KG	bis(2-Chloroethyl) Ether
750 U	UG/KG	2-Chlorophenol
750 U	UG/KG	2-Methylphenol
750 U	UG/KG	bis(2-Chloroisopropyl) Ether
750 U	UG/KG	Acetophenone
750 U	UG/KG	(3-and/or 4-)Methylphenol
750 U	UG/KG	n-Nitroso di-n-Propylamine
750 U	UG/KG	Hexachloroethane
750 U	UG/KG	Nitrobenzene
750 UJ	UG/KG	Isophorone
750 U	UG/KG	2-Nitrophenol
750 U	UG/KG	2,4-Dimethylphenol
750 U	UG/KG	bis(2-Chloroethoxy)Methane
750 UJ	UG/KG	2,4-Dichlorophenol
750 U	UG/KG	Naphthalene
750 UJ	UG/KG	4-Chloroaniline
750 U	UG/KG	Hexachlorobutadiene
750 U	UG/KG	Caprolactam
750 U	UG/KG	4-Chloro-3-Methylphenol
750 U	UG/KG	2-Methylnaphthalene
750 UJ	UG/KG	Hexachlorocyclopentadiene (HCCP)
750 U	UG/KG	2,4,6-Trichlorophenol
1900 U	UG/KG	2,4,5-Trichlorophenol
750 U	UG/KG	1,1-Biphenyl
750 U	UG/KG	2-Chloronaphthalene
1900 U	UG/KG	2-Nitroaniline
750 U	UG/KG	Dimethyl Phthalate
750 U	UG/KG	2,6-Dinitrotoluene
750 U	UG/KG	Acenaphthylene
1900 U	UG/KG	3-Nitroaniline
750 U	UG/KG	Acenaphthene
1900 UJ	UG/KG	2,4-Dinitrophenol
1900 U	UG/KG	4-Nitrophenol

RESULTS	UNITS	ANALYTE
750 U	UG/KG	Dibenzofuran
750 U	UG/KG	2,4-Dinitrotoluene
750 U	UG/KG	Diethyl Phthalate
750 U	UG/KG	Fluorene
750 U	UG/KG	4-Chlorophenyl Phenyl Ether
1900 U	UG/KG	4-Nitroaniline
1900 U	UG/KG	2-Methyl-4,6-Dinitrophenol
750 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine
NA	UG/KG	1,2,4,5-Tetrachlorobenzene
750 U	UG/KG	4-Bromophenyl Phenyl Ether
750 U	UG/KG	Hexachlorobenzene (HCB)
750 U	UG/KG	Atrazine
1900 U	UG/KG	Pentachlorophenol
750 U	UG/KG	Phenanthrene
750 U	UG/KG	Anthracene
750 U	UG/KG	Carbazole
750 U	UG/KG	Di-n-Butylphthalate
750 U	UG/KG	Fluoranthene
750 U	UG/KG	Pyrene
750 U	UG/KG	Benzyl Butyl Phthalate
750 U	UG/KG	3,3'-Dichlorobenzidine
750 U	UG/KG	Benzo(a)Anthracene
750 U	UG/KG	Chrysene
750 U	UG/KG	bis(2-Ethylhexyl) Phthalate
750 U	UG/KG	Di-n-Octylphthalate
750 U	UG/KG	Benzo(b)Fluoranthene
750 UJ	UG/KG	Benzo(k)Fluoranthene
750 U	UG/KG	Benzo-a-Pyrene
750 U	UG/KG	Indeno (1,2,3-cd) Pyrene
750 U	UG/KG	Dibenzo(a,h)Anthracene
750 U	UG/KG	Benzo(ghi)Perylene
56	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **10434** FY **2004** Project: **04-0920**

MISCELLANEOUS COMPOUNDS

Facility: McGraw Auto Salvage Hardeeville, SC
Program: SF
Id/Station: MG005SO /
Media: SURFACE SOIL

Case No: 33327
MD No: 2S31
D No: 2S31

Inorg Contractor: LIBRTY
Org Contractor: A4

Produced by: Appleby, Charlie
Requestor:
Project Leader: WJOYNER
Beginning: 09/14/2004 11:30
Ending:

RESULTS	UNITS	ANALYTE
6700 J	UG/KG	9 UNKNOWNS
500 JN	UG/KG	COPAENE
300 JN	UG/KG	O-TERPHENYL
680 JN	UG/KG	I-HEPTADECENE
190 JN	UG/KG	TESTOSTERONE
N	UG/KG	PETROLEUM PRODUCT
350 J	UG/KG	UNKNOWN

Data Reported as Identified by CLP Lab - IDs Not Verified

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

PESTICIDES/PCB SAMPLE ANALYSIS **EPA - REGION IV SESD, ATHENS, GA** **Production Date: 10/18/2004 17:22**

Sample **10432** FY **2004** Project: **04-0920**

Pesticides & Aroclors Scan

Facility: McGraw Auto Salvage Hardeeville, SC
Program: SF Case No: 33327
Id/Station: MG003SO / MD No: 2S29 Inorg Contractor: LIBRTY
Media: SURFACE SOIL D No: 2S29 Org Contractor: A4

Produced by: Appleby, Charlie
Requestor:
Project Leader: WJOYNER
Beginning: 09/14/2004 11:05
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
2.2 UJ	UG/KG	alpha-BHC
2.2 U	UG/KG	beta-BHC
2.2 UJ	UG/KG	delta-BHC
2.2 UJ	UG/KG	gamma-BHC (Lindane)
2.2 U	UG/KG	Heptachlor
2.2 U	UG/KG	Aldrin
2.2 U	UG/KG	Heptachlor Epoxide
2.2 U	UG/KG	Endosulfan I (alpha)
4.4 U	UG/KG	Dieldrin
4.4 U	UG/KG	4,4'-DDE (p,p'-DDE)
4.4 U	UG/KG	Endrin
4.4 U	UG/KG	Endosulfan II (beta)
4.4 U	UG/KG	4,4'-DDD (p,p'-DDD)
4.4 U	UG/KG	Endosulfan Sulfate
4.4 U	UG/KG	4,4'-DDT (p,p'-DDT)
22 U	UG/KG	Methoxychlor
4.4 U	UG/KG	Endrin Ketone
4.4 U	UG/KG	Endrin Aldehyde
2.2 U	UG/KG	alpha-Chlordane /2
2.2 U	UG/KG	gamma-Chlordane /2
220 U	UG/KG	Toxaphene
44 U	UG/KG	PCB-1016 (Aroclor 1016)
88 U	UG/KG	PCB-1221 (Aroclor 1221)
44 U	UG/KG	PCB-1232 (Aroclor 1232)
44 U	UG/KG	PCB-1242 (Aroclor 1242)
44 U	UG/KG	PCB-1248 (Aroclor 1248)
44 U	UG/KG	PCB-1254 (Aroclor 1254)
44 U	UG/KG	PCB-1260 (Aroclor 1260)
25	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

PESTICIDES/PCB SAMPLE ANALYSIS **EPA - REGION IV SESD, ATHENS, GA** **Production Date: 10/18/2004 17:22**

Sample **10433** FY **2004** Project: **04-0920**

Pesticides & Aroclors Scan

Facility: McGraw Auto Salvage Hardeeville, SC
Program: SF Case No: 33327
Id/Station: MG004SO / MD No: 2S30 Inorg Contractor: LIBRTY
Media: SURFACE SOIL D No: 2S30 Org Contractor: A4

Produced by: Appleby, Charlie
Requestor:
Project Leader: WJOYNER
Beginning: 09/14/2004 11:20
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
1.9 UJ	UG/KG	alpha-BHC
1.9 U	UG/KG	beta-BHC
1.9 UJ	UG/KG	delta-BHC
1.9 UJ	UG/KG	gamma-BHC (Lindane)
1.9 U	UG/KG	Heptachlor
1.9 U	UG/KG	Aldrin
1.9 U	UG/KG	Heptachlor Epoxide
1.9 U	UG/KG	Endosulfan I (alpha)
3.7 U	UG/KG	Dieldrin
3.7 U	UG/KG	4,4'-DDE (p,p'-DDE)
3.7 U	UG/KG	Endrin
3.7 U	UG/KG	Endosulfan II (beta)
3.7 U	UG/KG	4,4'-DDD (p,p'-DDD)
3.7 U	UG/KG	Endosulfan Sulfate
3.7 U	UG/KG	4,4'-DDT (p,p'-DDT)
19 U	UG/KG	Methoxychlor
3.7 U	UG/KG	Endrin Ketone
3.7 U	UG/KG	Endrin Aldehyde
1.9 U	UG/KG	alpha-Chlordane /2
1.9 U	UG/KG	gamma-Chlordane /2
190 U	UG/KG	Toxaphene
37 U	UG/KG	PCB-1016 (Aroclor 1016)
75 U	UG/KG	PCB-1221 (Aroclor 1221)
37 U	UG/KG	PCB-1232 (Aroclor 1232)
37 U	UG/KG	PCB-1242 (Aroclor 1242)
37 U	UG/KG	PCB-1248 (Aroclor 1248)
37 U	UG/KG	PCB-1254 (Aroclor 1254)
37 U	UG/KG	PCB-1260 (Aroclor 1260)
11	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

PESTICIDES/PCB SAMPLE ANALYSIS **EPA - REGION IV SESD, ATHENS, GA** **Production Date: 10/18/2004 17:22**

Sample **10434** FY **2004** Project: **04-0920**

Pesticides & Aroclors Scan

Facility: McGraw Auto Salvage Hardeeville, SC
Program: SF Case No: 33327
Id/Station: MG005SO / MD No: 2S31 Inorg Contractor: LIBRTY
Media: SURFACE SOIL D No: 2S31 Org Contractor: A4

Produced by: Appleby, Charlie
Requestor:
Project Leader: WJOYNER
Beginning: 09/14/2004 11:30
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
3.8 UJ	UG/KG	alpha-BHC
3.8 U	UG/KG	beta-BHC
3.8 UJ	UG/KG	delta-BHC
3.8 UJ	UG/KG	gamma-BHC (Lindane)
3.8 U	UG/KG	Heptachlor
3.8 U	UG/KG	Aldrin
3.8 U	UG/KG	Heptachlor Epoxide
3.8 U	UG/KG	Endosulfan I (alpha)
15 J	UG/KG	Dieldrin
7.4 U	UG/KG	4,4'-DDE (p,p'-DDE)
7.4 U	UG/KG	Endrin
7.4 U	UG/KG	Endosulfan II (beta)
7.4 U	UG/KG	4,4'-DDD (p,p'-DDD)
7.4 U	UG/KG	Endosulfan Sulfate
7.4 U	UG/KG	4,4'-DDT (p,p'-DDT)
38 U	UG/KG	Methoxychlor
7.4 U	UG/KG	Endrin Ketone
7.4 U	UG/KG	Endrin Aldehyde
3.8 U	UG/KG	alpha-Chlordane /2
3.8 U	UG/KG	gamma-Chlordane /2
380 U	UG/KG	Toxaphene
74 U	UG/KG	PCB-1016 (Aroclor 1016)
150 U	UG/KG	PCB-1221 (Aroclor 1221)
74 U	UG/KG	PCB-1232 (Aroclor 1232)
74 U	UG/KG	PCB-1242 (Aroclor 1242)
74 U	UG/KG	PCB-1248 (Aroclor 1248)
74 U	UG/KG	PCB-1254 (Aroclor 1254)
74 U	UG/KG	PCB-1260 (Aroclor 1260)
56	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

Sample **10432** FY **2004** Project: **04-0920**

Volatiles Scan

Facility: McGraw Auto Salvage Hardeeville, SC
Program: SF Case No: 33327
Id/Station: MG003SO / MD No: 2S29 Inorg Contractor: LIBRTY
Media: SURFACE SOIL D No: 2S29 Org Contractor: A4

Produced by: Appleby, Charlie
Requestor:
Project Leader: WJOYNER
Beginning: 09/14/2004 11:05
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
13 UJ	UG/KG	Dichlorodifluoromethane
13 U	UG/KG	Chloromethane
13 U	UG/KG	Vinyl Chloride
13 U	UG/KG	Bromomethane
13 UJ	UG/KG	Chloroethane
13 U	UG/KG	Trichlorofluoromethane (Freon 11)
13 U	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
13 U	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
13 U	UG/KG	Acetone
13 U	UG/KG	Carbon Disulfide
13 U	UG/KG	Methyl Acetate
13 U	UG/KG	Methylene Chloride
13 U	UG/KG	trans-1,2-Dichloroethene
13 U	UG/KG	Methyl T-Butyl Ether (MTBE)
13 U	UG/KG	1,1-Dichloroethane
13 U	UG/KG	cis-1,2-Dichloroethene
13 U	UG/KG	Methyl Ethyl Ketone
NA	UG/KG	Bromochloromethane
13 U	UG/KG	Chloroform
13 U	UG/KG	1,1,1-Trichloroethane
13 U	UG/KG	Cyclohexane
13 U	UG/KG	Carbon Tetrachloride
13 U	UG/KG	Benzene
13 U	UG/KG	1,2-Dichloroethane
13 U	UG/KG	Trichloroethene (Trichloroethylene)
13 U	UG/KG	Methylcyclohexane
13 U	UG/KG	1,2-Dichloropropane
13 U	UG/KG	Bromodichloromethane
13 U	UG/KG	cis-1,3-Dichloropropene
13 U	UG/KG	Methyl Isobutyl Ketone
13 U	UG/KG	Toluene
13 U	UG/KG	trans-1,3-Dichloropropene
13 U	UG/KG	1,1,2-Trichloroethane
13 U	UG/KG	Tetrachloroethene (Tetrachloroethylene)
13 U	UG/KG	Methyl Butyl Ketone
13 U	UG/KG	Dibromochloromethane
13 U	UG/KG	1,2-Dibromoethane (EDB)
13 U	UG/KG	Chlorobenzene
13 U	UG/KG	Ethyl Benzene
13 U	UG/KG	Total Xylenes
13 U	UG/KG	Styrene
13 U	UG/KG	Bromoform
13 U	UG/KG	Isopropylbenzene
13 U	UG/KG	1,1,2,2-Tetrachloroethane
13 U	UG/KG	1,3-Dichlorobenzene
13 U	UG/KG	1,4-Dichlorobenzene
13 U	UG/KG	1,2-Dichlorobenzene
13 UR	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
13 U	UG/KG	1,2,4-Trichlorobenzene
NA	UG/KG	1,2,3-Trichlorobenzene
25	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **10433** FY **2004** Project: **04-0920**

Volatiles Scan

Facility: McGraw Auto Salvage Hardeeville, SC
Program: SF Case No: 33327
Id/Station: MG004SO / MD No: 2S30 Inorg Contractor: LIBRTY
Media: SURFACE SOIL D No: 2S30 Org Contractor: A4

Produced by: Appleby, Charlie
Requestor:
Project Leader: WJOYNER
Beginning: 09/14/2004 11:20
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS.	ANALYTE
11 UJ	UG/KG	Dichlorodifluoromethane
11 U	UG/KG	Chloromethane
11 U	UG/KG	Vinyl Chloride
11 U	UG/KG	Bromomethane
11 UJ	UG/KG	Chloroethane
11 U	UG/KG	Trichlorofluoromethane (Freon 11)
11 U	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
11 U	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
11 U	UG/KG	Acetone
11 U	UG/KG	Carbon Disulfide
11 U	UG/KG	Methyl Acetate
11 U	UG/KG	Methylene Chloride
11 U	UG/KG	trans-1,2-Dichloroethene
11 U	UG/KG	Methyl T-Butyl Ether (MTBE)
11 U	UG/KG	1,1-Dichloroethane
11 U	UG/KG	cis-1,2-Dichloroethene
11 U	UG/KG	Methyl Ethyl Ketone
NA	UG/KG	Bromochloromethane
11 U	UG/KG	Chloroform
11 U	UG/KG	1,1,1-Trichloroethane
11 U	UG/KG	Cyclohexane
11 U	UG/KG	Carbon Tetrachloride
11 U	UG/KG	Benzene
11 U	UG/KG	1,2-Dichloroethane
11 U	UG/KG	Trichloroethene (Trichloroethylene)
11 U	UG/KG	Methylcyclohexane
11 U	UG/KG	1,2-Dichloropropane
11 U	UG/KG	Bromodichloromethane
11 U	UG/KG	cis-1,3-Dichloropropene
11 U	UG/KG	Methyl Isobutyl Ketone
11 U	UG/KG	Toluene
11 U	UG/KG	trans-1,3-Dichloropropene
11 U	UG/KG	1,1,2-Trichloroethane
11 U	UG/KG	Tetrachloroethene (Tetrachloroethylene)
11 U	UG/KG	Methyl Butyl Ketone

RESULTS	UNITS	ANALYTE
11 U	UG/KG	Dibromochloromethane
11 U	UG/KG	1,2-Dibromoethane (EDB)
11 U	UG/KG	Chlorobenzene
11 U	UG/KG	Ethyl Benzene
11 U	UG/KG	Total Xylenes
11 U	UG/KG	Styrene
11 U	UG/KG	Bromoform
11 U	UG/KG	Isopropylbenzene
11 U	UG/KG	1,1,2,2-Tetrachloroethane
11 U	UG/KG	1,3-Dichlorobenzene
11 U	UG/KG	1,4-Dichlorobenzene
11 U	UG/KG	1,2-Dichlorobenzene
11 UR	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
11 U	UG/KG	1,2,4-Trichlorobenzene
NA	UG/KG	1,2,3-Trichlorobenzene
11	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **10433** FY **2004** Project: **04-0920**

MISCELLANEOUS COMPOUNDS

Facility: McGraw Auto Salvage Hardeeville, SC
Program: SF
Id/Station: MG004SO /
Media: SURFACE SOIL

Case No: 33327
MD No: 2S30
D No: 2S30

Inorg Contractor: LIBRTY
Org Contractor: A4

Produced by: Appleby, Charlie
Requestor:
Project Leader: WJOYNER
Beginning: 09/14/2004 11:20
Ending:

RESULTS	UNITS	ANALYTE
95 JN	UG/KG	1R-.ALPHA.-PINENE

Data Reported as Identified by CLP Lab - IDs Not Verified

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

VOLATILES SAMPLE ANALYSIS **EPA - REGION IV SESD, ATHENS, GA** **Production Date: 10/18/2004 17:22**

Sample **10434** FY **2004** Project: **04-0920**

Volatiles Scan

Facility: McGraw Auto Salvage Hardeeville, SC
Program: SF Case No: 33327
Id/Station: MG005SO / MD No: 2S31 Inorg Contractor: LIBRTY
Media: SURFACE SOIL D No: 2S31 Org Contractor: A4

Produced by: Appleby, Charlie
Requestor:
Project Leader: WJOYNER
Beginning: 09/14/2004 11:30
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
23 UJ	UG/KG	Dichlorodifluoromethane
23 U	UG/KG	Chloromethane
23 U	UG/KG	Vinyl Chloride
23 U	UG/KG	Bromomethane
23 UJ	UG/KG	Chloroethane
23 U	UG/KG	Trichlorofluoromethane (Freon 11)
23 U	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
23 U	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
23 U	UG/KG	Acetone
23 U	UG/KG	Carbon Disulfide
23 U	UG/KG	Methyl Acetate
23 U	UG/KG	Methylene Chloride
23 U	UG/KG	trans-1,2-Dichloroethene
23 U	UG/KG	Methyl T-Butyl Ether (MTBE)
23 U	UG/KG	1,1-Dichloroethane
23 U	UG/KG	cis-1,2-Dichloroethene
23 U	UG/KG	Methyl Ethyl Ketone
NA	UG/KG	Bromochloromethane
23 U	UG/KG	Chloroform
23 U	UG/KG	1,1,1-Trichloroethane
23 U	UG/KG	Cyclohexane
23 U	UG/KG	Carbon Tetrachloride
23 U	UG/KG	Benzene
23 U	UG/KG	1,2-Dichloroethane
23 U	UG/KG	Trichloroethene (Trichloroethylene)
23 U	UG/KG	Methylcyclohexane
23 U	UG/KG	1,2-Dichloropropane
23 U	UG/KG	Bromodichloromethane
23 U	UG/KG	cis-1,3-Dichloropropene
23 U	UG/KG	Methyl Isobutyl Ketone
23 U	UG/KG	Toluene
23 U	UG/KG	trans-1,3-Dichloropropene
23 U	UG/KG	1,1,2-Trichloroethane
23 U	UG/KG	Tetrachloroethene (Tetrachloroethylene)
23 U	UG/KG	Methyl Butyl Ketone

RESULTS	UNITS	ANALYTE
23 U	UG/KG	Dibromochloromethane
23 U	UG/KG	1,2-Dibromoethane (EDB)
23 U	UG/KG	Chlorobenzene
23 U	UG/KG	Ethyl Benzene
23 U	UG/KG	Total Xylenes
23 U	UG/KG	Styrene
23 U	UG/KG	Bromoform
23 U	UG/KG	Isopropylbenzene
23 U	UG/KG	1,1,2,2-Tetrachloroethane
23 U	UG/KG	1,3-Dichlorobenzene
23 U	UG/KG	1,4-Dichlorobenzene
23 U	UG/KG	1,2-Dichlorobenzene
23 UR	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
23 U	UG/KG	1,2,4-Trichlorobenzene
NA	UG/KG	1,2,3-Trichlorobenzene
56	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **10434** FY **2004** Project: **04-0920**

MISCELLANEOUS COMPOUNDS

Facility: McGraw Auto Salvage Hardeeville, SC
Program: SF
Id/Station: MG005SO /
Media: SURFACE SOIL

Case No: 33327
MD No: 2S31
D No: 2S31

Inorg Contractor: LIBRTY
Org Contractor: A4

Produced by: Appleby, Charlie
Requestor:
Project Leader: WJOYNER
Beginning: 09/14/2004 11:30
Ending:

RESULTS	UNITS	ANALYTE
110 JN	UG/KG	1R-ALPHA.-PINENE
30 JN	UG/KG	CARYOPHYLLENE

Data Reported as Identified by CLP Lab - IDs Not Verified

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **10436** FY **2004** Project: **04-0920**

Volatiles Scan

Facility: McGraw Auto Salvage Hardeeville, SC
Program: SF Case No: 33327
Id/Station: MG009SO /
Media: SURFACE SOIL D No: 2S34 Org Contractor: A4

Produced by: Appleby, Charlie
Requestor:
Project Leader: WJOYNER
Beginning: 09/14/2004 12:00
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
10 UJ	UG/KG	Dichlorodifluoromethane
10 U	UG/KG	Chloromethane
10 U	UG/KG	Vinyl Chloride
10 U	UG/KG	Bromomethane
10 UJ	UG/KG	Chloroethane
10 U	UG/KG	Trichlorofluoromethane (Freon 11)
10 U	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
10 U	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
10 U	UG/KG	Acetone
10 U	UG/KG	Carbon Disulfide
10 U	UG/KG	Methyl Acetate
10 U	UG/KG	Methylene Chloride
10 U	UG/KG	trans-1,2-Dichloroethene
10 U	UG/KG	Methyl T-Butyl Ether (MTBE)
10 U	UG/KG	1,1-Dichloroethane
10 U	UG/KG	cis-1,2-Dichloroethene
10 U	UG/KG	Methyl Ethyl Ketone
NA	UG/KG	Bromochloromethane
10 U	UG/KG	Chloroform
10 U	UG/KG	1,1,1-Trichloroethane
10 U	UG/KG	Cyclohexane
10 U	UG/KG	Carbon Tetrachloride
10 U	UG/KG	Benzene
10 U	UG/KG	1,2-Dichloroethane
10 U	UG/KG	Trichloroethene (Trichloroethylene)
10 U	UG/KG	Methylcyclohexane
10 U	UG/KG	1,2-Dichloropropane
10 U	UG/KG	Bromodichloromethane
10 U	UG/KG	cis-1,3-Dichloropropene
10 U	UG/KG	Methyl Isobutyl Ketone
10 U	UG/KG	Toluene
10 U	UG/KG	trans-1,3-Dichloropropene
10 U	UG/KG	1,1,2-Trichloroethane
10 U	UG/KG	Tetrachloroethene (Tetrachloroethylene)
10 U	UG/KG	Methyl Butyl Ketone

RESULTS	UNITS	ANALYTE
10 U	UG/KG	Dibromochloromethane
10 U	UG/KG	1,2-Dibromoethane (EDB)
10 U	UG/KG	Chlorobenzene
10 U	UG/KG	Ethyl Benzene
10 U	UG/KG	Total Xylenes
10 U	UG/KG	Styrene
10 U	UG/KG	Bromoform
10 U	UG/KG	Isopropylbenzene
10 U	UG/KG	1,1,2,2-Tetrachloroethane
10 U	UG/KG	1,3-Dichlorobenzene
10 U	UG/KG	1,4-Dichlorobenzene
10 U	UG/KG	1,2-Dichlorobenzene
10 UR	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
10 U	UG/KG	1,2,4-Trichlorobenzene
NA	UG/KG	1,2,3-Trichlorobenzene
0	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **10429** FY **2004** Project: **04-0920**

Metals Scan

Facility: McGraw Auto Salvage Hardeeville, SC
Program: SF Case No: 33327
Id/Station: MG007GW / MD No: 2S26 Inorg Contractor: LIBRTY
Media: GROUNDWATER

Produced by: Goddard, Denise
Requestor:
Project Leader: WJOYNER
Beginning: 09/14/2004 12:00
Ending:

RESULTS	UNITS	ANALYTE
200 U	UG/L	Aluminum
60 U	UG/L	Antimony
10 U	UG/L	Arsenic
200 U	UG/L	Barium
5.0 U	UG/L	Beryllium
5.0 U	UG/L	Cadmium
5000 U	UG/L	Calcium
10 U	UG/L	Chromium
50 U	UG/L	Cobalt
25 U	UG/L	Copper
100 U	UG/L	Iron
10 U	UG/L	Lead
5000 U	UG/L	Magnesium
15 U	UG/L	Manganese
0.20 U	UG/L	Total Mercury
40 U	UG/L	Nickel
5000 U	UG/L	Potassium
35 U	UG/L	Selenium
10 U	UG/L	Silver
5000 U	UG/L	Sodium
25 U	UG/L	Thallium
50 U	UG/L	Vanadium
60 U	UG/L	Zinc
NA	UG/L	Cyanide

Cyanide Analysis Not Requested

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **10430** FY **2004** Project: **04-0920**

Metals Scan

Facility: McGraw Auto Salvage Hardeeville, SC
Program: SF Case No: 33327
Id/Station: MG001GW / MD No: 2S27 Inorg Contractor: LIBRTY
Media: GROUNDWATER D No: 2S27 Org Contractor: DATAC

Produced by: Goddard, Denise
Requestor:
Project Leader: WJOYNER
Beginning: 09/14/2004 12:00
Ending:

RESULTS	UNITS	ANALYTE
200 U	UG/L	Aluminum
3.1 UJ	UG/L	Antimony
10 U	UG/L	Arsenic
4.3 J	UG/L	Barium
5.0 U	UG/L	Beryllium
5.0 U	UG/L	Cadmium
22000	UG/L	Calcium
10 U	UG/L	Chromium
50 U	UG/L	Cobalt
25 U	UG/L	Copper
100 U	UG/L	Iron
4.5 J	UG/L	Lead
9000	UG/L	Magnesium
15 U	UG/L	Manganese
0.20 UJ	UG/L	Total Mercury
40 U	UG/L	Nickel
2300 J	UG/L	Potassium
35 U	UG/L	Selenium
10 U	UG/L	Silver
12000	UG/L	Sodium
25 U	UG/L	Thallium
50 U	UG/L	Vanadium
60 U	UG/L	Zinc
10 U	UG/L	Cyanide

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **10431** FY **2004** Project: **04-0920**

Metals Scan

Facility: McGraw Auto Salvage Hardeeville, SC
Program: SF Case No: 33327
Id/Station: MG002SE / MD No: 2S28 Inorg Contractor: LIBRTY
Media: SEDIMENT D No: 2S28 Org Contractor: A4

Produced by: Goddard, Denise
Requestor:
Project Leader: WJOYNER
Beginning: 09/14/2004 11:40
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
17000	MG/KG	Aluminum
0.53 UJ	MG/KG	Antimony
5.2	MG/KG	Arsenic
40	MG/KG	Barium
0.20 UJ	MG/KG	Beryllium
1.1	MG/KG	Cadmium
760 J	MG/KG	Calcium
24	MG/KG	Chromium
1.1 UJ	MG/KG	Cobalt
3.5 UJ	MG/KG	Copper
19000	MG/KG	Iron
17	MG/KG	Lead
720 J	MG/KG	Magnesium
34	MG/KG	Manganese
0.15 U	MG/KG	Total Mercury
4.1 J	MG/KG	Nickel
530 J	MG/KG	Potassium
2.3 UJ	MG/KG	Selenium
0.15 R	MG/KG	Silver
130 UJ	MG/KG	Sodium
3.8 U	MG/KG	Thallium
38	MG/KG	Vanadium
30	MG/KG	Zinc
1.8 UJ	MG/KG	Cyanide
35	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **10432** FY **2004** Project: **04-0920**

Metals Scan

Facility: McGraw Auto Salvage Hardeeville, SC
Program: SF Case No: 33327
Id/Station: MG003SO / MD No: 2S29 Inorg Contractor: LIBRTY
Media: SURFACE SOIL D No: 2S29 Org Contractor: A4

Produced by: Goddard, Denise
Requestor:
Project Leader: WJOYNER
Beginning: 09/14/2004 11:05
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
1700	MG/KG	Aluminum
0.29 UJ	MG/KG	Antimony
1.0 J	MG/KG	Arsenic
21 J	MG/KG	Barium
0.08 UJ	MG/KG	Beryllium
0.64 U	MG/KG	Cadmium
480 J	MG/KG	Calcium
2.1	MG/KG	Chromium
0.12 UJ	MG/KG	Cobalt
0.47 UJ	MG/KG	Copper
1100	MG/KG	Iron
8.2	MG/KG	Lead
160 J	MG/KG	Magnesium
3.2	MG/KG	Manganese
0.03 UJ	MG/KG	Total Mercury
0.63 J	MG/KG	Nickel
42 J	MG/KG	Potassium
0.33 UJ	MG/KG	Selenium
0.07 R	MG/KG	Silver
63 UJ	MG/KG	Sodium
3.2 U	MG/KG	Thallium
3.4 UJ	MG/KG	Vanadium
2.3 UJ	MG/KG	Zinc
3.2 U	MG/KG	Cyanide
22	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **10433** FY **2004** Project: **04-0920**

Metals Scan

Facility: McGraw Auto Salvage Hardeeville, SC
Program: SF Case No: 33327
Id/Station: MG004SO / MD No: 2S30 Inorg Contractor: LIBRTY
Media: SURFACE SOIL D No: 2S30 Org Contractor: A4

Produced by: Goddard, Denise
Requestor:
Project Leader: WJOYNER
Beginning: 09/14/2004 11:20
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
1500	MG/KG	Aluminum
0.29 UJ	MG/KG	Antimony
0.38 R	MG/KG	Arsenic
7.3 J	MG/KG	Barium
0.03 UJ	MG/KG	Beryllium
2.9	MG/KG	Cadmium
47 UJ	MG/KG	Calcium
1.7	MG/KG	Chromium
0.16 UJ	MG/KG	Cobalt
0.44 UJ	MG/KG	Copper
580	MG/KG	Iron
2.2	MG/KG	Lead
34 J	MG/KG	Magnesium
3.0	MG/KG	Manganese
0.11 U	MG/KG	Total Mercury
0.77 J	MG/KG	Nickel
25 J	MG/KG	Potassium
3.9 U	MG/KG	Selenium
0.07 R	MG/KG	Silver
48 UJ	MG/KG	Sodium
2.8 U	MG/KG	Thallium
2.1 UJ	MG/KG	Vanadium
4.0 UJ	MG/KG	Zinc
2.8 U	MG/KG	Cyanide
11	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **10434** FY **2004** Project: **04-0920**

Metals Scan

Facility: McGraw Auto Salvage Hardeeville, SC
Program: SF Case No: 33327
Id/Station: MG005SO / MD No: 2S31 Inorg Contractor: LIBRTY
Media: SURFACE SOIL D No: 2S31 Org Contractor: A4

Produced by: Goddard, Denise
Requestor:
Project Leader: WJOYNER
Beginning: 09/14/2004 11:30
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
14000	MG/KG	Aluminum
13 UJ	MG/KG	Antimony
1.9 J	MG/KG	Arsenic
86	MG/KG	Barium
0.78 UJ	MG/KG	Beryllium
2.6	MG/KG	Cadmium
750 J	MG/KG	Calcium
14	MG/KG	Chromium
0.61 UJ	MG/KG	Cobalt
3.0 UJ	MG/KG	Copper
2900	MG/KG	Iron
27	MG/KG	Lead
290 J	MG/KG	Magnesium
6.9	MG/KG	Manganese
0.11 UJ	MG/KG	Total Mercury
3.7 J	MG/KG	Nickel
240 J	MG/KG	Potassium
1.5 UJ	MG/KG	Selenium
0.21 R	MG/KG	Silver
170 UJ	MG/KG	Sodium
5.3 U	MG/KG	Thallium
12	MG/KG	Vanadium
46	MG/KG	Zinc
5.3 U	MG/KG	Cyanide
53	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

METALS SAMPLE ANALYSIS

EPA - REGION IV SESD, ATHENS, GA

Production Date: 11/02/2004 16:43

Sample **10435** FY **2004** Project: **04-0920**

Metals Scan

Facility: McGraw Auto Salvage
Program: SF
Id/Station: MG006SE /
Media: SEDIMENT

Hardeeville, SC
Case No: 33327
MD No: 2S32
D No: 2S32

Inorg Contractor: LIBRTY
Org Contractor: A4

Produced by: Goddard, Denise
Requestor:
Project Leader: WJOYNER
Beginning: 09/14/2004 12:00
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
7200	MG/KG	Aluminum
0.34 UJ	MG/KG	Antimony
2.0	MG/KG	Arsenic
17 J	MG/KG	Barium
0.06 UJ	MG/KG	Beryllium
0.30 J	MG/KG	Cadmium
540 J	MG/KG	Calcium
7.4	MG/KG	Chromium
0.23 UJ	MG/KG	Cobalt
2.7 UJ	MG/KG	Copper
3900	MG/KG	Iron
13	MG/KG	Lead
260 J	MG/KG	Magnesium
260 J	MG/KG	Manganese
0.02 UJ	MG/KG	Total Mercury
1.3 J	MG/KG	Nickel
150 J	MG/KG	Potassium
0.52 UJ	MG/KG	Selenium
0.10 R	MG/KG	Silver
70 UJ	MG/KG	Sodium
4.2 U	MG/KG	Thallium
12	MG/KG	Vanadium
28	MG/KG	Zinc
4.2 U	MG/KG	Cyanide
41	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

ORGANIC DATA QUALIFIER REPORT

Case Number: 33327 Project Number 04-0920 SOW Number OLM04.3/ OLC03.2

Site ID. McGraw Auto Salvage, Hardeeville, SC Date 10/13/04

Affected Samples	Compound or Fraction	Flag Used	Reason
Volatiles			
10430	methyl acetate	R	RRF < 0.050 in initial and continuing calibration
10431	dichlorodifluoromethane, chloroethane	J	erratic continuing calibration
	1,2-dibromo-3-chloropropane	R	RRF < 0.050 in initial and continuing calibration
	chlorobenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene	J	< quantitation limit
10432	dichlorodifluoromethane, chloroethane	J	erratic continuing calibration
	1,2-dibromo-3-chloropropane	R	RRF < 0.050 in initial and continuing calibration
10433	dichlorodifluoromethane, chloroethane	J	erratic continuing calibration
	1,2-dibromo-3-chloropropane	R	RRF < 0.050 in initial and continuing calibration
10434	dichlorodifluoromethane, chloroethane	J	erratic continuing calibration
	1,2-dibromo-3-chloropropane	R	RRF < 0.050 in initial and continuing calibration
10435	dichlorodifluoromethane, chloroethane	J	erratic continuing calibration
	1,2-dibromo-3-chloropropane	R	RRF < 0.050 in initial and continuing calibration
10436	dichlorodifluoromethane, chloroethane	J	erratic continuing calibration
	1,2-dibromo-3-chloropropane	R	RRF < 0.050 in initial and continuing calibration
10437	methyl acetate	R	RRF < 0.050 in initial and continuing calibration
Semivolatiles			
10430	di-n-octylphthalate, benzo(g,h,i)perylene	J	erratic continuing calibration

10431	isophorone, 2,4-dichlorophenol	J	PES - warning low
	benzaldehyde, 4-chloroaniline, hexachlorocyclopentadiene, 2,4-dinitrophenol, benzo(k)fluoranthene	J	erratic continuing calibration
	anthracene	J	< quantitation limit
10432	isophorone, 2,4-dichlorophenol	J	PES - warning low
	benzaldehyde, 4-chloroaniline, hexachlorocyclopentadiene, 2,4-dinitrophenol, benzo(k)fluoranthene	J	erratic continuing calibration
10433	isophorone, 2,4-dichlorophenol	J	PES - warning low
	benzaldehyde, 4-chloroaniline, hexachlorocyclopentadiene, 2,4-dinitrophenol, benzo(k)fluoranthene	J	erratic continuing calibration
10434	isophorone, 2,4-dichlorophenol	J	PES - warning low
	benzaldehyde, 4-chloroaniline, hexachlorocyclopentadiene, 2,4-dinitrophenol, benzo(k)fluoranthene	J	erratic continuing calibration

10435	isophorone, 2,4-dichlorophenol	J	PES - warning low
	benzaldehyde, 4-chloroaniline, hexachlorocyclopentadiene, 2,4-dinitrophenol, benzo(k)fluoranthene	J	erratic continuing calibration
Pesticides			
10431	alpha-BHC, delta-BHC, gamma-BHC	J	erratic initial calibration
10432	alpha-BHC, delta-BHC, gamma-BHC	J	erratic initial calibration
10433	alpha-BHC, delta-BHC, gamma-BHC	J	erratic initial calibration
10434	alpha-BHC, delta-BHC, gamma-BHC	J	erratic initial calibration
	dieldrin	J	high surrogate recovery
10435	alpha-BHC, delta-BHC, gamma-BHC	J	erratic initial calibration

McGraw Auto Salvage Site
PreCerclis Screening
SCS 123 456 834

Sampling Trip Report
September 14, 2004

On September 14, 2004, The South Carolina Department of Health and Environmental Control (SC DHEC) initiated a sampling event as part of a PreCerclis Screening at the McGraw Auto Salvage Site in Hardeeville, Jasper County, South Carolina. SC DHEC personnel present were:

Bartley, Christopher; Project Manager
Bair, Ben; SC DHEC Site Assessment
Williams, Jason; SC DHEC Site Assessment
Kadar, Tim; SC DHEC Site Assessment

Carns, F. M. "Bubba"; SC DHEC Waste Assessment

Summary of Activities

September 14, 2004: Weather: *Mostly Cloudy, 80 °F:*

The SC DHEC sampling team arrived onsite at approximately 1100 hours on September 14, 2004. Two teams were formed. One team (Bartley, Kadar, & Williams) collected soil and sediment samples. The other team (Carns & Bair) collected groundwater samples. Sampling activities were concluded at approximately 1400 hours. The two teams collected a total of 3 soil samples, 2 sediment samples, and 1 groundwater sample. Samples were packed and shipped via FedEx at the end of the day. A detailed list of all samples collected, including sample matrix, location, description, date/time, and sampler can be found in Table 1. Sample locations were documented with a handheld GPS unit and are shown in Figure 1.

Sampling Methodology

All samples will be analyzed for parameters listed in the EPA Target Compound List (TCL) and the Target Analyte List (TAL). All sample collection, preservation, and chain of custody used during this investigation was conducted in accordance with the Standard Operating Procedures found in the SCDHEC Bureau of Land & Waste Management Standard Operating Procedures (SOP), adopted from USEPA, Region 4, Science and Ecosystem Support Division, Environmental Investigations Standard Operating Procedures and Quality Assurance Manual, May 1996 (including 1997 revisions). Investigation Derived Waste was handled according to SCDHEC and USEPA Standard Operating Procedures.

Table 1: Sample Summary

ID	Location	Type	Sampler	Date/Time	Description
MG	1	GW	Carns	9/14/2004 12:00	Sample collected from spigot at house. Duplicate.
MG	2	SE	Kadar	9/14/2004 11:40	Collected from oxidation pond. 0-4 in. light-colored clay seds.
MG	3	SO	Kadar	9/14/2004 11:05	Background sample collected from wetlands area upgradient of site. 0-6 in. depth. Black clay w/ root matter.
MG	4	SO	Kadar	9/14/2004 11:20	Collected from edge of wetlands downgradient from ox. pond outfall. 0-4 in. grey/black loam above. light tan sand below
MG	5	SO	Kadar	9/14/2004 11:30	Collected from wetlands approx. 150 ft. downgradient of ox. Pond. 0-6 in. black hydric silt/clay
MG	6	SE	Bartley	9/14/2004 12:00	Collected from fish pond near tire pile w/ drums. 2-8 in. depth. Light tan sandy seds.

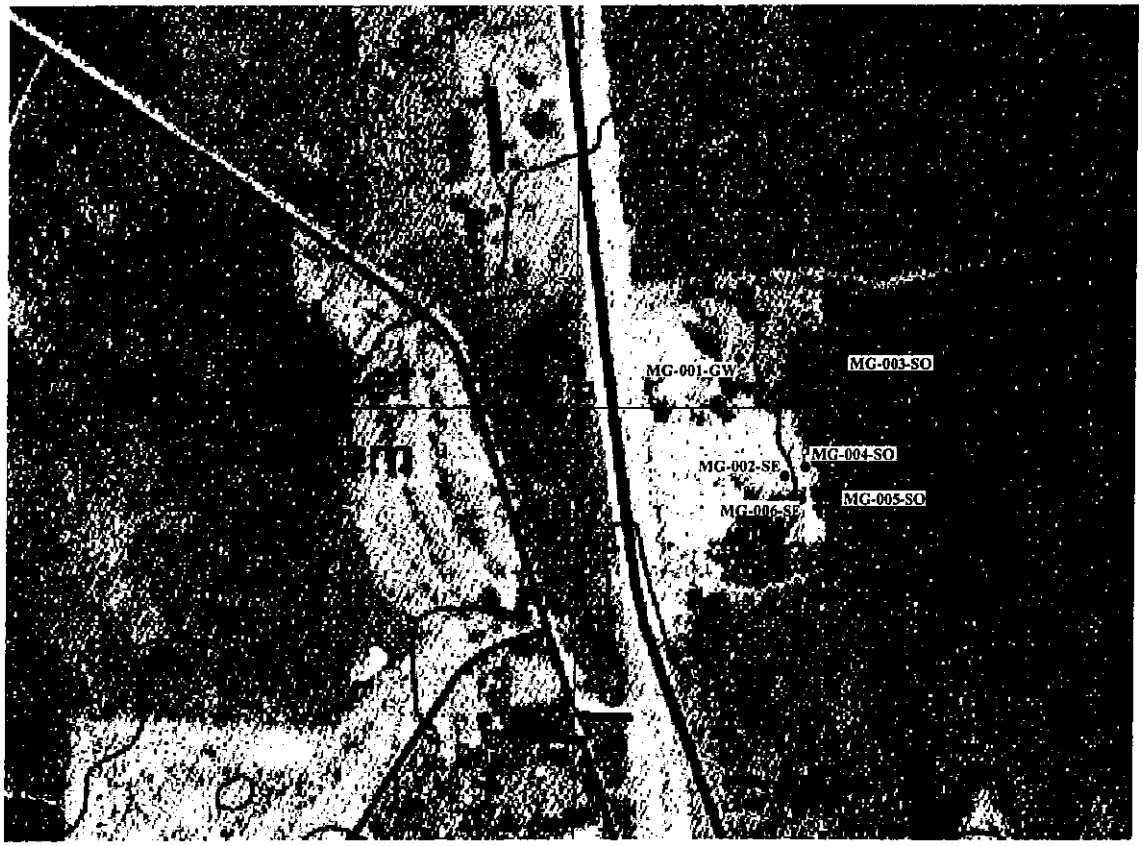
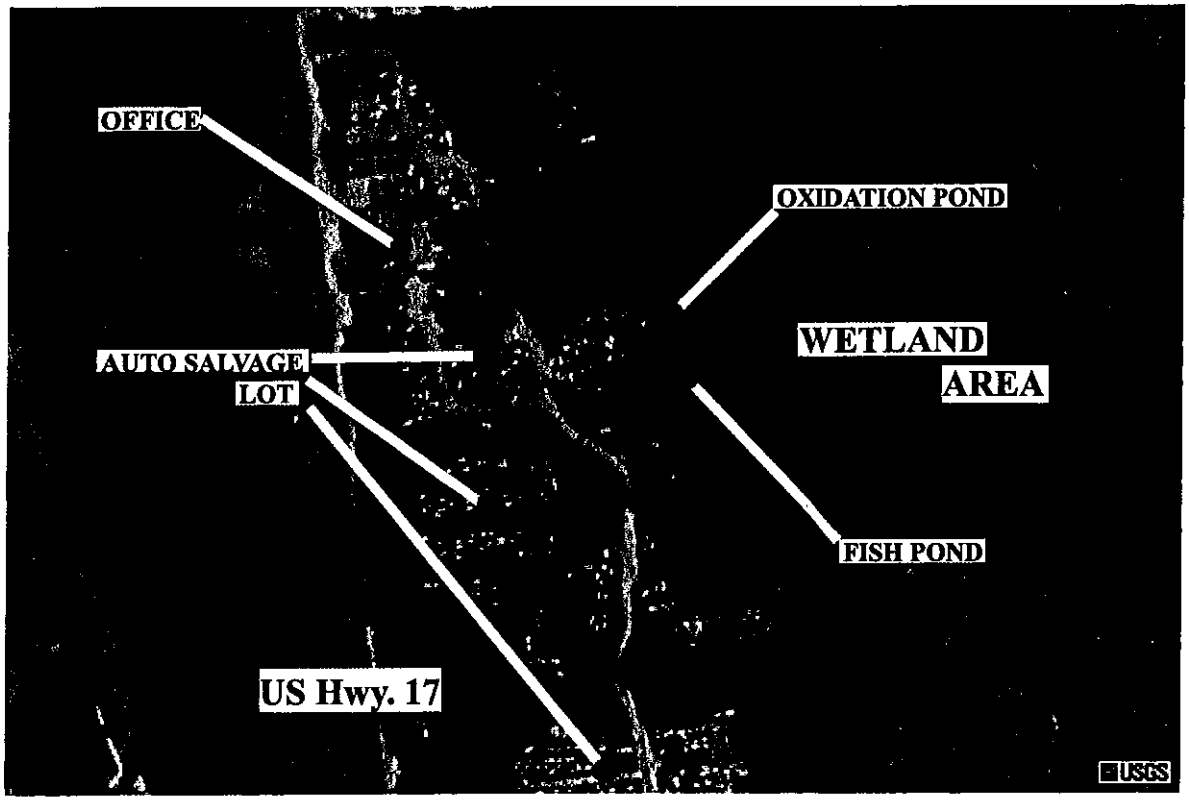
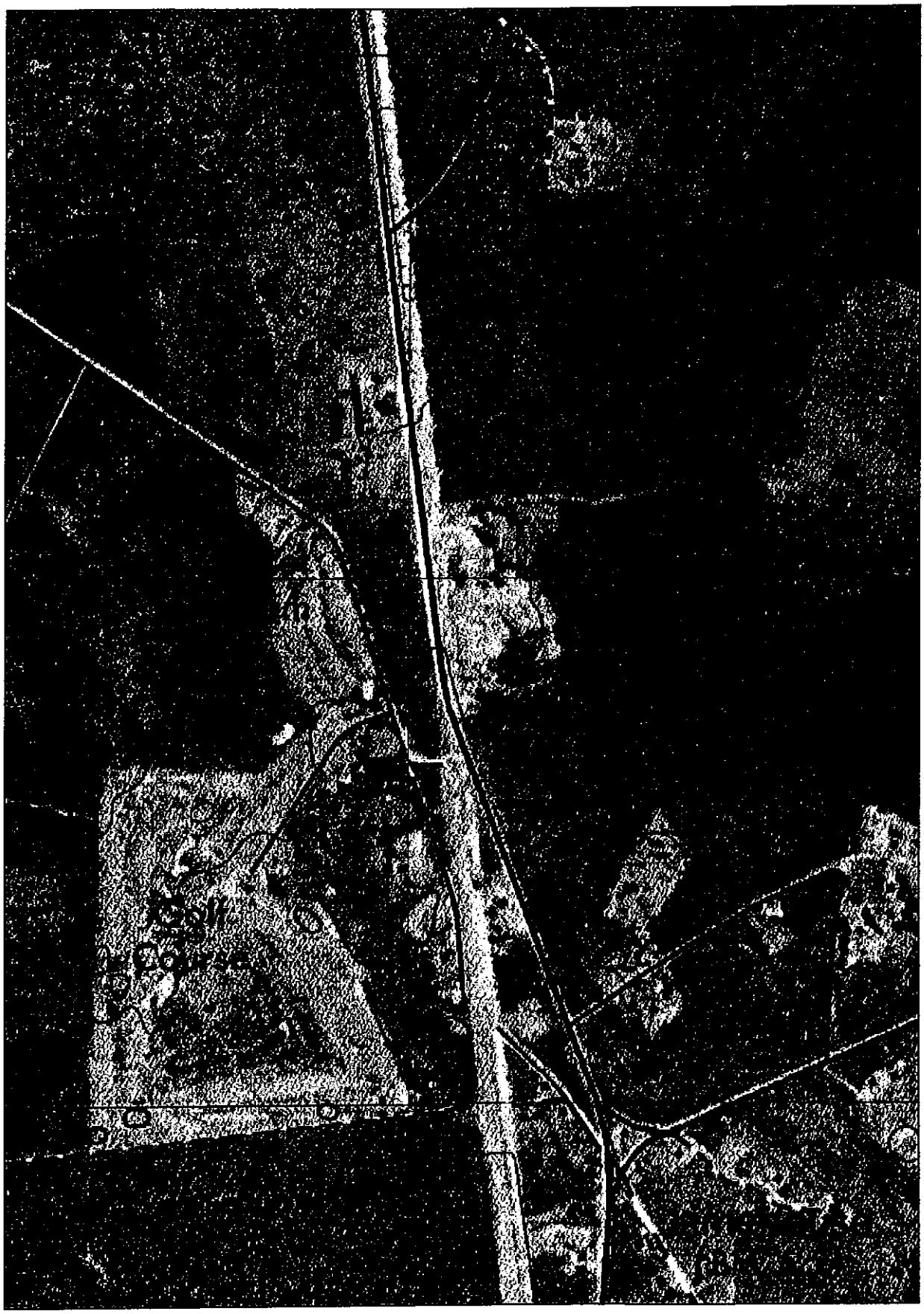


Figure 1: McGraw Auto Salvage Sample Location Map. SC Topo: Limehouse Quadrangle, 1980.


OFFICE
OXIDATION POND
WETLAND
AREA
AUTO SALVAGE
LOT
FISH POND
US Hwy. 17
USGS



N
W E
S

0 260 520 1,040 Meters

Attributes of cenq.shp within0.25Mile(s) McGraw Auto Salvage

Cntrbg	arsmall	percarea	percpop	Buff_dist
539503003	447933.53500	0.01359	17.47674	0.25000
539503004	60269.94700	0.00026	0.32578	0.25000

Attributes of cenh.shp within0.5Mile(s) McGraw Auto Salvage

Cntrbg	arsmall	percarea	percpop	Buff_dist
539503003	1445979.33400	0.04386	56.40396	0.50000
539503004	586834.59400	0.00251	3.14503	0.50000

Attributes of cen1.shp within1Mile(s) McGraw Auto Salvage

Cntrbg	arsmall	percarea	percpop	Buff_dist
539503003	4386931.31500	0.13306	171.11516	1.00000
539503004	3744324.39600	0.01600	20.04800	1.00000

Attributes of cen2.shp within2Mile(s) McGraw Auto Salvage

Cntrbg	arsmall	percarea	percpop	Buff_dist
539503003	13629342.61300	0.41339	531.61954	2.00000
539503004	18895680.23100	0.08073	101.15469	2.00000

Attributes of cen3.shp within3Mile(s) McGraw Auto Salvage

Cntrbg	arsmall	percarea	percpop	Buff_dist
539503002	142584.77500	0.00192	2.18496	3.00000
539503003	25986677.20700	0.78821	1013.63806	3.00000
539503004	47052039.41800	0.20103	251.89059	3.00000

Attributes of cen4.shp within4Mile(s) McGraw Auto Salvage

Cntrbg	arsmall	percarea	percpop	Buff_dist
539503001	4588202.62600	0.02497	31.73687	4.00000
539503002	9204190.00600	0.12364	140.70232	4.00000
130021001	734036.12400	0.00917	9.98613	4.00000
539503003	32239246.74600	0.97785	1257.51510	4.00000
539503004	77446523.64600	0.33089	414.60517	4.00000
130021004	2341865.70400	0.02104	13.02376	4.00000

Region 4 Laboratory Assignment Notification

Shipweek 09/12/2004

Case Number: 33327 Project Code: 04-0920

Site: MCGRAW AUTO SALVAGE City, State: HARDEEVILLE, SC

CERCLIS: SCS123456834 SSID: ZZ Operable Unit: 00

Purpose: Site Investigation (Unspecified) Shipping Period: 09/13/2004 - 09/17/2004

Sampler, Sampling Co.: Jonathan McInnis, South Carolina Dept. of Health & Envir. Control

---

Method	Laboratory	
ILM05.3 ICP-AES	CompuChem Environmental Corporation LIBRTY 501 Madison Avenue Cary, NC 27513 Phone: (919) 379-4080 Laboratory Contact: Alice Evans Sample Custodian: Alice Evans	Contract: 68W04011 Cost Lot: A

Samples Scheduled	Turnaround Time	Modified Analysis
1 SOIL Hg,ICP Metals	21	
2 WATER Hg,CN,ICP Metals	21	
2 WATER Hg,ICP Metals	21	
5 SOIL Hg,CN,ICP Metals	21	

Method	Laboratory	
OLC03.2	Datachem Laboratories, Inc. DATAC 960 West LeVoy Drive Salt Lake City, UT 84123 Phone: (801) 266-7700 Laboratory Contact: Roxanne Olson Sample Custodian: Justin Pate	Contract: 68W01045 Cost Lot: A

Samples Scheduled	Turnaround Time	Modified Analysis

187.5
52.5
240.0

Field Data Information Sheet for Groundwater Sampling

SCDHEC
Division of Waste Assessment
and Emergency Response

Page 1 of ___

Date (mo/day/yr) 9-14-04
Field Personnel F. M. Carns, B. Barr
Facility Name
EPA ID#
Well ID#
___ Upgradient ___ Downgradient
Weather Conditions Overcast Mild
Air Temperature °C
Total Well Depth (TWD) 1/100ft
Depth to Groundwater (DGW) 1/100ft
Length of Water Column (LWC) 1/100ft
1 Casing Volume (OCV) LWC x gal
3 Casing Volume gal - Standard Excavation Volume
Method of Well Excavation
Method of Sample Collection
Total Volume of Water Removed gal

Casing Diameter 12" Vert. Turbine inches
Casing Material Steel
Top Elevation 1/100 ft
Height of Riser 1/100 ft
Surface Elevation 1/100 ft
Screened Interval 1/100 ft
Bottom of Pump, if dedicated (depth/elevation) 1/100 ft
Steel Guard Pipe Around Casing.....Yes ___ No ___
Locking Cap.....Yes ___ No ___
Protective Abatement.....Yes ___ No ___
Well Integrity Satisfactory.....Yes ___ No ___
Well Yield.....Low ___ Moderate ___ High ___

Remarks 5 gal in 40 sec - 7.5 gpm

Field Analyses

Volume Purged (gallons)	0	112.5	187.5	240.0	292.5	
Time (military)	1120	1135	1145	1150	1155	Sample Time: 12:00N
pH (su)	8.08	8.06	8.10	7.99	~~8.06~~ 8.08	
Sp. Cond. (umhos/cm)	221	219	219	~~22~~ 219	219	
Water Temp (°C)	23.7	22.8	22.6	22.9	22.6	
Color *	Clear	1	1	1	1	
Turbidity (subjective)*	1	1	1	1	1	
Odor (subjective) **	1	1	1	1	1	

* (1) Clear (2) Slight (3) Moderate (4) High ** (1) None (2) Faint (3) Moderate (4) Strong

Comments/Observations: Slight Sulfur odor noted - dissipates quickly - B. Carr

gwsamp hs (7/7/97)

1 WATER VOA	21
2 WATER VOA,BNA,PEST	21

Method	Laboratory	
OLM04.3	A4 Scientific A4 1544 Sawdust Road, Suite 505 The Woodlands, TX 77380 Phone: (281) 292-5277 Laboratory Contact: Sumana Inavolu Sample Custodian: Eleana Cruz	Contract: 68W03027 Cost Lot: A

Samples Scheduled	Turnaround Time	Modified Analysis
1 SOIL BNA,PEST	21	
5 SOIL VOA,BNA,PEST	21	

Key

Ag - Silver	BNA - Semivolatiles	Cr - Chromium	Hg - Mercury	Na - Sodium	Sb - Antimony	VOA - Volatiles
Al - Aluminum	Ca - Calcium	Cu - Copper	ICP Metals - TAL Metals without Mercury	Ni - Nickel	Se - Selenium	Zn - Zinc
As - Arsenic	Cd - Cadmium	DM - Dissolved Metals	K - Potassium	Pb - Lead	Tl - Thallium	
Ba - Barium	CN - Cyanide	Fe - Iron	Mg - Magnesium	PEST - Pesticides/PCBs	TM - Total Metals	
Be - Beryllium	Co - Cobalt	filtered - samples are filtered in the field	Mn - Manganese	PR - Preliminary Results	V - Vanadium	

D H E C
PROMOTE PROTECT PROSPER
2600 Bull Street
Columbia, SC 29201-1708

(3)

August 25, 2004

Certified Mail - Return Receipt Requested

Hal McGraw
McGraw Auto Salvage
Route 1, Box 250
Hardeeville, SC 29927

RE: McGraw Auto Salvage Site, Jasper, SC
PreCERCLIS Investigation
SC~~7~~5123 456 834

Dear Mr. McGraw:

The South Carolina Department of Health and Environmental Control (DHEC), Bureau of Land and Waste Management (BLWM), Site Assessment Section is conducting an investigation of the above referenced site. The investigation is being conducted pursuant to the authority and requirements of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA), 42, U.S.C. 9601 et seq., as amended by the Superfund Amendments and Reauthorization Act of 1986 (SARA), Public Law 99-499. DHEC has reason to believe that there may have been a release or threat of a release of hazardous substances to the site and possibly to the surrounding environment. The purpose of this investigation is to determine the nature and extent of any possible contamination at the site and to determine what, if any, further response action would be appropriate. Due to documented soils and sediments contamination at the site, this investigation will focus primarily on the areas around the former oxidation pond.

The Department will conduct a PreCERCLIS sampling investigation at the McGraw Auto Salvage site. These activities will necessitate access to the property. The following activities may be conducted during the investigation during the week of September 13, 2004:

1. Inspect, sketch, videotape and/or photograph the premises
2. Transportation of equipment onto and about the site as necessary to accomplish the activities listed above.
3. Collect environmental samples

The above activities will be conducted by personnel from the DHEC central office in Columbia, South Carolina, and may include District personnel.

At the time of sampling we will give the opportunity to split samples. If you wish to split samples, you must contact an environmental testing laboratory and have them provide sample containers for your split samples. If you wish to contract with a private laboratory, we will send you a listing of State certified laboratories upon request without endorsement of any particular laboratory.

Parameters tested will include the EPA Target Analyte List and Target Compound List consisting of many metals and organic compounds. A list of the parameters, sample types, and number of samples to be taken will be provided at your request.

After all site activities have been completed, a report detailing the findings will be forwarded to you. If you have any questions regarding the site investigation, please contact me at (803) 896-4152.

Sincerely,

Christopher Bartley
Federal & State Site Assessment Section
Bureau of Land and Waste Management

cc: Roger Stevens, Low Country District
File

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Hal McGraw
McGraw Auto Salvage
Route 1 Box 250
Hardeeville, SC
29927

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X Marcy McGraw ☐ Agent ☒ Addressee

B. Received by (*Printed Name*) Cy
C. Date of Delivery 8/26/01

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (*Extra Fee*) ☐ Yes

2. Article Number (*Transfer from service label*) 7001 2510 0008 4162 0560

PS Form 3811, August 2001 Domestic Return Receipt 102595-02-M-1540

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

OFFICIAL USE

Postage	$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	$

Postmark Here

Sent To: Hal McGraw; McGraw Auto Salvage
Street, Apt. No.; or PO Box No.: Route 1, Box 250
City, State, ZIP+4: Hardeeville, SC 29927

PS Form 3800, January 2001 See Reverse for Instructions

7001 2510 0008 4162 0560

New Location Numbers

②

Pcas No	File No.	EPA ID No	Site Name	County
5473	56858	SCS123456834	MCGRAW AUTO SALVAGE	JASPER

File # 56858
PCAS # 5473

EQC PROJECTS DISCOVERY FORM

Please attach a copy of a map (county or quad.) showing the site location

McGraw Auto Salvage
SITE NAME

US Route 17 (4 miles south of Hardeeville)
LOCATION ADDRESS

Hardeeville
LOCATION CITY

29927 -
ZIP CODE

Jasper
LOCATION COUNTY

SIZE OF SITE: _____ (acres)

___ ° ___ ' ___ . ___ " N
LATITUDE

___ ° ___ ' ___ . ___ " W
LONGITUDE

YEARS OF OPERATION: _____

SITE DESCRIPTION: From 1975 to 1979 a bulk chemical transport company used an on-site sand oxidation pond for disposal of rinse waters from washing the interior of their tank trucks.

Circle permits issued: RCRA TSD; RCRA Gen.; NPDES; ND; WW Const.; UIC; Air; NESHAPS; Other: _____

Is the facility currently operating? (Yes) No

Are there any reasons to preclude adding this site to CERCLIS? (i.e. petroleum, dry cleaner, responsible party lead, voluntary cleanup program, direct referral to Bureau of Water) _____

SCS123456834
EPA IDENTIFICATION NUMBER

OTHER/ALTERNATE NAMES FOR THE FACILITY/SITE: Roy's Carolina Tank Cleaning

PROBLEM BELIEVED PRESENT; EST. QUANITIES OF WASTE AND/OR CONTAMINANTS PRESENT:
Approx. 600,000 pounds of rinse waters

SITE OWNER: Mr. Roy McGraw

ADDRESS: Route 1, Box 250

CITY: Hardeeville **STATE:** SC **ZIP CODE:** 29927

MOST RECENT SITE OPERATOR: Mr. Roy McGraw

TELEPHONE NUMBER: (803) 784 - 6651

Low Country
DISTRICT NAME

01/27/98
DATE REPORTED

REPORTED BY: Natalie Macke

Reasons for adding this site to the EQC PROJECTS LIST (Brief description of potential hazard or concern):
Coordination with the Bureau of WAter may be needed for possible petroleum contamination on-site.

NOTE:
The following information is optional. Any questions that can be answered will aid in the assessment of this site. If you do not know the answer to a particular question, leave it blank. When making estimates for distances etc., please indicate that it is an estimate.

List any adjoining / nearby property with activities that could be affecting the environment or site in question. _____

Circle all of the following that apply to the surrounding area:

Agricultural	Residential	Urban	Suburban	Rural	Industrial

List all permits associated with this site. _____

Is the site accessible to the public? Yes No **Describe:** Private residence/ Public Salvage Yard

Are there monitoring wells or drinking water wells on-site? Yes No **Describe:** Private Water Supply on-site According to owner, the well is approx. 600ft deep.

Are there monitoring wells or drinking water wells on adjacent properties? Yes No **Describe:** Unknown

What is the distance to the nearest drinking well (public or private)? Private well on-site

Is groundwater the prime drinking water supply in the area? Yes No **Describe:**

Has groundwater been impacted? Yes No **Describe:** Unknown

Is there a clearly defined runoff pathway to surface water? Yes No **Describe:** No

Is there a wastewater discharge to surface water? Yes No **Describe:** Unknown

Are contaminants from the site likely to have reached residential property or other receptors? Yes No **Describe:** On-site oxidation approx 300 ft from McGraw residence

What is the distance to the nearest perennial surface water body? Unknown

What are the names of the perennial surface water bodies in the runoff pathway? Unknown

What is the approximate downstream distance to the point where sustained fishing activity occurs? Unknown

What is the distance to the nearest residence? Site is a private residence

List any environmental assessment work done or any ongoing monitoring: Private well was sampled 6/29/95 (Non-detect recorded for priority pollutants) Pond sediment sampled 6/29/95.

Please provide a site map (rough site sketch acceptable) with waste locations.

OFFICIAL USE ONLY	
	DISCOVERY DATE: __/__/__ **FILE No.:** _____ **ID #:** _____
	QUADRANGLE: _____ **DATE:** __/__/__
	REVIEW COMMITTEE'S DECISION: LAND WATER AIR
	APPROVAL BY: _____ **DATE:** _____

D H E C

PROMOTE PROTECT PROSPER

South Carolina Department of Health and Environmental Control

John C. (1) Necessary Action JKL 2/3/98

RECEIVED

JAN 29 1998

DIVISION OF SITE ASSESSMENT & REMEDIATION

MEMORANDUM
BUREAU OF WATER

To: Keith Lindler, Director
Bureau of Land and Waste Management

Thru: David Baize, Director
Water Monitoring, Assessment and Protection Division

From: Natalie Macke, Hydrogeologist
Water Monitoring, Assessment and Protection Division

Re: EQC Project Discovery
McGraw Salvage, Inc.
Jasper County

Date: January 27, 1998

The above referenced project is being referred to the Bureau of Land and Waste Management for project lead. Please note, some continuing cooperation with the Bureau of Water may be appropriate due to possible petroleum contamination. Attached is an EQC Projects Discovery Form as well as the project file. If I can be of any further assistance on this project, you may contact me at 734-5307.

Attachments: McGraw Auto Salvage Inc. project file
EQC Projects Discovery Form

cc: Jim White (w/o file attachment)

SOIL BORING LOG

Location: McGraw Auto Salvage Inc. Date: 6/29/95
U.S. Route 17 - 4 miles South of Hardeeville

County: Jasper Latitude: Longitude:

Elevation: 20 ft Total depth: 5.5ft Water table: not reached

Logged by: Natalie Macke and Bruce Crawford

Seasonal high water table (estimate): 1.5 ft

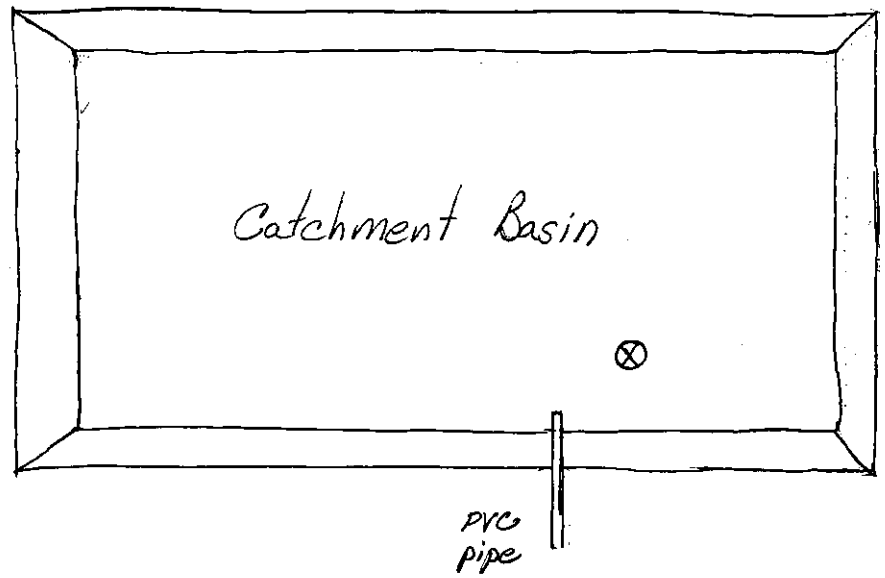
Depth ft	Description
	6'' sand, fg-vfg, buff tan to light grey color
	1' same as above
	1.5' clay v. sandy, mottled grey/red-brown Moist and strong diesel smell
	2' same as above - strong diesel smell still present
	2.5' clay v. sandy fg, silty mottled grey/red-brown Fe concretions - strong diesel smell still present
	3' same as above - strong diesel smell still present
	3.5' same as above
	4' same as above - a bit less diesel smell
	4.5' same as above
	5' same as above
	5.5' same as above
T.D.	6

Field Notes
McGraw Salvage
June 28, 1995

time: 10:15 AM.
Day: Overcast + approx. 90°
rainfall: Site had received rainfall within the last 24 hours
Puddled rainfall was noted.

Item #1 Private Well was sampled
- well characteristics according to owner
  12 inch diameter
  600 feet deep

- Well was purged at the closest outside tap according to owner
- purged time was approximately 15 minutes before sampling began
- Order of sampling BNA extractables / Pesticides Herbicides, field blanks replaced into cooler, volatiles, mercury and metals. Some difficulty in fully preserving the Hg should be noted. The full dosage of preservative (1:1 HNO_3) was not attained.
- The catchment basin sediment was sampled in the following order; volatile organics then sediments
- The basin was ponded (depth 2"), a white precipitant was noted on bottom of basin under precipitant was a grey/red brown mottled clay
- soil / location (see attached map)
  boring taken



⊗ Catchment Basin sample location

⊕ Soil Boring location

McGraw Salvage Hwy 321 South
Hardeeville, SC
Jasper County

SITE DISCOVERY FORM

EPA ID: _____ SOURCE: ___ (E=EPA, S=STATE)

SITE NAME: ROY'S CAROLINA TANK CLEANING (Salvage)

LOC. ADDRESS: Route 1, Box 250, 3 miles south of Hardeeville on Hwy. 17

CITY NAME: Hardeeville ZIP CODE: 29927

COUNTY: Jasper

LATITUDE: Unknown LONGITUDE: Unknown

SITE DESCRIPTION: The company described operations as washing of tank trailers that have hauled various chemicals in bulk quantities.

DISTRICT NAME: Low Country

SITE DISCOVERY DATE: 3-1-95

REPORTED BY: Site Screening Section, SCDHEC

REASON FOR LISTING: SCDHEC Notification of Hazardous Waste Activity form (1979) states that 600,000 pounds of rinse waters from washing tank trucks treated in oxidation pond providing settling and biological activity. The form states that "currently not enough waste present to transort off-site."

Sheet No. WR

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

Organic Analysis of Sediment - Laboratory Report and Data Entry Form

Collection for: (X) Special ( ) Trend Name of Study: McGraw Site Date: 95 6 29 (Yr Mo Da) Collector: Natalie Macke

Water Body: _____ Basin: _____ County: Jasper

Comments:

Laboratory Number 062995			00052									
Station Number												
Time Collected												
Pesticide Scan												
Aldrin	(µg/kg)	39333										
beta - BHC	(µg/kg)	34257										
Chlordane	(µg/kg)	39351										
P,P'-DDD	(µg/kg)	39311										
P,P'-DDE	(µg/kg)	39321										
P,P'-DDT	(µg/kg)	39301										
O,P'-DDD	(µg/kg)	39316										
O,P'-DDE	(µg/kg)	39328										
O,P'-DDT	(µg/kg)	39306										
Dieldrin	(µg/kg)	39383										
Heptachlor	(µg/kg)	39413										
Heptachlor Epoxide	(µg/kg)	39423										
Lindane	(µg/kg)	39783										
Methoxychlor	(µg/kg)	39481										
Toxaphene	(µg/kg)	39403										
Diazinon	(µg/kg)	39571										
Ethion	(µg/kg)	39399										
Guthion	(µg/kg)	39581										
Malathion	(µg/kg)	39531										
Methyl Parathion	(µg/kg)	39601										
Parathion	(µg/kg)	39541										
Ronnel	(µg/kg)	81761										
alpha - BHC	(µg/kg)	39076										
Mirex	(µg/kg)	39758										
PCBs	(µg/kg)	39519										
Acid Extractables		45582										
Base-Neutral Ext.		45583										
Volatile Organics		84085										
PAHs												

Samples released to: _____ By: Natalie Macke Date: 6/29/95 Time: 16:00

Received in regional laboratory by: _____ Date received: _____

Date released from regional laboratory: _____ By: _____

Received in central laboratory by: KB Date received: 6/29/95 1600

Data released from organic section: 01/05/96 Released by: TCK

An "X" in the small column indicates test requested.

DHEC #40-15 (01/88) White - Central Office; Canary - District Office; Pink - ASD Central Lab

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*****************************************************************************
*        SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL      *
*                ANALYTICAL SERVICES DIVISION LABORATORY REPORT             *
*****************************************************************************
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SAMPLE NUMBER : 0629950052
CHARGE NUMBER : WPC
COLLECTED BY : N MACKE
COUNTY : JASPER
SAMPLE DESCRIPTION : MCGRAW SITE
SAMPLE TYPE :

THURSDAY JANUARY 4TH, 1996
RELEASE DATE : 01/04/96 16:05:55
DT COLLECTED : 06/29/95 00:00:00
SAMPLE MEDIUM : SED
STATION CODE :

ANALYSIS	STORET	RESULT
N-NITROSODIMETHYLAMINE UG/KG	34441	<300
ANILINE UG/KG	78866	<300
PHENOL UG/KG	34695	<300
BIS(2-CHLOROETHYL)ETHER UG/KG	34276	<300
2-CHLOROPHENOL UG/KG	34589	<300
1,3-DICHLOROBENZENE UG/KG	34569	<300
1,4-DICHLOROBENZENE UG/KG	34574	<300
BENZYL ALCOHOL UG/KG	75212	<300
1,2-DICHLOROBENZENE UG/KG	34539	<300
2-METHYLPHENOL UG/KG	78872	<300
BIS(2-CHLOROISOPROPYL)ETHER UG/KG	34286	<300
4-METHYLPHENOL UG/KG	78803	<300
N-NITROSODI-N-PROPYLAMINE UG/KG	34431	<300
HEXACHLOROETHANE UG/KG	34399	<300
NITROBENZENE UG/KG	34450	<300
ISOPHORONE UG/KG	34411	<300
2-NITROPHENOL UG/KG	34594	<300
2,4-DIMETHYL PHENOL UG/KG	34609	<300
BENZOIC ACID UG/KG	75315	<300
BIS(2-CHLOROETHOXY)METHANE UG/KG	34281	<300
2,4-DICHLOROPHENOL UG/KG	34604	<300
1,2,4-TRICHLOROBENZENE UG/KG	34554	<300
NAPHTHALENE UG/KG	34445	<300
4-CHLOROANILINE UG/KG	78867	<300
HEXACHLOROBUTADIENE UG/KG	39705	<300
4-CHLORO-3-METHYL PHENOL UG/KG		<300
2-METHYLNAPHTHALENE UG/KG	78868	<300
HEXACHLOROCYCLOPENTADIENE UG/KG	34389	<300
2,4,6-TRICHLOROPHENOL UG/KG	34624	<300
2,4,5-TRICHLOROPHENOL UG/KG	78401	<300
2-CHLORONAPHTHALENE UG/KG	34584	<300
2-NITROANILIN U /KG	78299	<300
DIM T YL PHTHALATE UG/KG	34344	<300
ACENAPHTHYLENE UG/KG	34203	<300
2,6-DINITROTOLUENE UG/KG	34629	<300
3-NITROANILINE UG/KG	78869	<300
ACENAPHTHENE UG/KG	34208	<300
4-NITROPHENOL UG/KG	34649	<300
DIBENZOFURAN UG/KG	75647	<300
2,4-DINITROTOLUENE UG/KG	34614	<300
DIETHYL PHTHALATE UG/KG	34339	<300
4-CHLOROPHENYL PHENYL ETHER UG/KG	34644	<300

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* SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL *

* ANALYTICAL SERVICES DIVISION LABORATORY REPORT *

****

SAMPLE NUMBER : 062995C052
CHARGE NUMBER : WPC
COLLECTED BY : N MACKE
COUNTY : JASPER
SAMPLE DESCRIPTION : MCGRAW SITE
SAMPLE TYPE :

THURSDAY JANUARY 4TH, 1996
RELEASE DATE : 01/04/96 16:05:55
DT COLLECTED : 06/29/95 00:00:00
SAMPLE MEDIUM : SED
STATION CODE :

ANALYSIS	STORET	RESULT
N-NITROSODIMETHYLAMINE UG/KG	34441	<300
ANILINE UG/KG	78866	<300
PHENOL UG/KG	34695	<300
BIS(2-CHLOROETHYL)ETHER UG/KG	34276	<300
2-CHLOROPHENOL UG/KG	34589	<300
1,3-DICHLOROBENZENE UG/KG	34569	<300
1,4-DICHLOROBENZENE UG/KG	34574	<300
BENZYL ALCOHOL UG/KG	75212	<300
1,2-DICHLOROBENZENE UG/KG	34539	<300
2-METHYLPHENOL UG/KG	78872	<300
BIS(2-CHLOROISOPROPYL)ETHER UG/KG	34286	<300
4-METHYLPHENOL UG/KG	78803	<300
N-NITROSODI-N-PROPYLAMINE UG/KG	34431	<300
HEXACHLOROETHANE UG/KG	34399	<300
NITROBENZENE UG/KG	34450	<300
ISOPHORONE UG/KG	34411	<300
2-NITROPHENOL UG/KG	34594	<300
2,4-DIMETHYL PHENOL UG/KG	34609	<300
BENZOIC ACID UG/KG	75315	<300
BIS(2-CHLOROETHOXY)METHANE UG/KG	34281	<300
2,4-DICHLOROPHENOL UG/KG	34604	<300
1,2,4-TRICHLOROBENZENE UG/KG	34554	<300
NAPHTHALENE UG/KG	34445	<300
4-CHLOROANILINE UG/KG	78867	<300
HEXACHLOROBUTADIENE UG/KG	39705	<300
4-CHLORO-3-METHYL PHENOL UG/KG		<300
2-METHYLNAPHTHALENE UG/KG	78868	<300
HEXACHLOROCYCLOPENTADIENE UG/KG	34389	<300
2,4,6-TRICHLOROPHENOL UG/KG	34624	<300
2,4,5-TRICHLOROPHENOL UG/KG	78401	<300
2-CHLORONAPHTHALENE UG/KG	34584	<300
2-NITROANILINE UG/KG	78299	<300
DIMETHYL PHTHALATE UG/KG	34344	<300
ACENAPHTHYLENE UG/KG	34203	<300
2,6-DINITROTOLUENE UG/KG	34629	<300
3-NITROANILINE UG/KG	78869	<300
ACENAPHTHENE UG/KG	34208	<300
4-NITROPHENOL UG/KG	34649	<300
DIBENZOFURAN UG/KG	75647	<300
2,4-DINITROTOLUENE UG/KG	34614	<300
DIETHYL PHTHALATE UG/KG	34339	<300
4-CHLOROPHENYL PHENYL ETHER UG/KG	34644	<300

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*        SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL      *
*              ANALYTICAL SERVICES DIVISION LABORATORY  REPORT              *
*****************************************************************************
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SAMPLE NUMBER : 0629950052
CHARGE NUMBER : WPC
COLLECTED BY : N MACKE
COUNTY : JASPER
SAMPLE DESCRIPTION : MCGRAW SITE
SAMPLE TYPE :

THURSDAY JANUARY 4TH, 1996
RELEASE DATE : 01/04/96 16:05:55
DT COLLECTED : 06/29/95 00:00:00
SAMPLE MEDIUM : SED
STATION CODE :

PAGE 2

ANALYSIS	STORET	RESULT
FLUORENE UG/KG	34384	<300
4-NITROANILINE UG/KG	78870	<300
AZOBENZENE UG/KG		<300
2-METHYL-4,6-DINITROPHENOL UG/KG		<300
N-NITROSODIPHENYLAMINE UG/KG	34436	<300
4-BROMOPHENYL PHENYL ETHER UG/KG	34639	<300
HEXACHLOROBENZENE UG/KG	39701	<300
PENTACHLOROPHENOL UG/KG	78873	<300
PHENANTHRENE UG/KG	34464	311 J
ANTHRACENE UG/KG	34223	10400 J
DI-N-BUTYLPHTHALATE UG/KG	39112	<300
FLUORANTHENE UG/KG	34379	<300
PYRENE UG/KG	34472	<300
BUTYLBENZYL PHTHALATE UG/KG	78800	<300
3,3'-DICHLOROBENZIDINE UG/KG	34634	<300
BENZO(A)ANTHRACENE UG/KG	34529	<300
CHRYSENE UG/KG	34323	<300
BIS(2-ETHYLHEXYL)PHTHALATE UG/KG	39102	1390
DI-N-OCTYLPHTHALATE UG/KG	34599	<300
BENZO(B)FLUORANTHENE UG/KG	34233	<300
BENZO(K)FLUORANTHENE UG/KG	34245	<300
BENZO(A)PYRENE UG/KG	34250	<300
INDENO(1,2,3-CD)PYRENE UG/KG	34406	<300
DIBENZO(A,H)ANTHRACENE UG/KG	34559	<300
BENZO(GHI)PERYLENE UG/KG	34524	<300
ALDRIN UG/KG	39333	<2.0
ALPHA-BHC UG/KG	39076	<2.0
BETA-BHC UG/KG	34257	<2.0
DELTA-BHC UG/KG		<2.0
LINDANE UG/KG	39783	<2.0
CHLORDANE UG/KG	39351	<15.0
P,P'-DDD UG/KG	39311	<2.0
P,P'-DDE UG/KG	39321	<2.0
P,P'-DDT UG/KG	39301	<2.0
DIELDRIN UG/KG	39383	<2.0
ENDOSULFAN I UG/KG	34364	<2.0
ENDOSULFAN II UG/KG	34359	<2.0
ENDOSULFAN SULFATE UG/KG	34354	<2.0
ENDRIN UG/KG	39393	<2.0
ENDRIN ALDEHYDE UG/KG	34369	<2.0

p.2

Oxidation pond
Sediment sample
(surface sample)

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SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL
ANALYTICAL SERVICES DIVISION LABORATORY REPORT

****

SAMPLE NUMBER : 0629950052
CHARGE NUMBER : WPC
COLLECTED BY : N MACKE
COUNTY : JASPER
SAMPLE DESCRIPTION : MCGRAW SITE
SAMPLE TYPE :

THURSDAY JANUARY 4TH, 1996
RELEASE DATE : 01/04/96 16:05:55
DT COLLECTED : 06/29/95 00:00:00
SAMPLE MEDIUM : SED
STATION CODE :

ANALYSIS	STORET	RESULT
FLUORENE UG/KG	34384	<300
4-NITROANILINE UG/KG	78870	<300
AZOBENZENE UG/KG		<300
2-METHYL-4,6-DINITROPHENOL UG/KG		<300
N-NITROSODIPHENYLAMINE UG/KG	34436	<300
4-BROMOPHENYL PHENYL ETHER UG/KG	34639	<300
HEXACHLOROBENZENE UG/KG	39701	<300
PENTACHLOROPHENOL UG/KG	78873	<300
PHENANTHRENE UG/KG	34464	311
ANTHRACENE UG/KG	34223	10400
DI-N-BUTYLPHTHALATE UG/KG	39112	<300
FLUORANTHENE UG/KG	34379	<300
PYRENE UG/KG	34472	<300
BUTYLBENZYL PHTHALATE UG/KG	78800	<300
3,3'-DICHLOROBENZIDINE UG/KG	34634	<300
BENZO(A)ANTHRACENE UG/KG	34529	<300
CHRYSENE UG/KG	34323	<300
BIS(2-ETHYLHEXYL)PHTHALATE UG/KG	39102	1390
DI-N-OCTYLPHTHALATE UG/KG	34599	<300
BENZO(B)FLUORANTHENE UG/KG	34233	<300
BENZO(K)FLUORANTHENE UG/KG	34245	<300
BENZO(A)PYRENE UG/KG	34250	<300
INDENO(1,2,3-CD)PYRENE UG/KG	34406	<300
DIBENZO(A,H)ANTHRACENE UG/KG	34559	<300
BENZO(GHI)PERYLENE UG/KG	34524	<300
ALDRIN UG/KG	39333	<2.0
ALPHA-BHC UG/KG	39076	<2.0
BETA-BHC UG/KG	34257	<2.0
DELTA-BHC UG/KG		<2.0
LINDANE UG/KG	39783	<2.0
CHLORDANE UG/KG	39351	<15.0
P,P'-DDD UG/KG	39311	<2.0
P,P'-DDE UG/KG	39321	<2.0
P,P'-DDT UG/KG	39301	<2.0
DIELDRIN UG/KG	39383	<2.0
ENDOSULFAN I UG/KG	34364	<2.0
ENDOSULFAN II UG/KG	34359	<2.0
ENDOSULFAN SULFATE UG/KG	34754	<2.0
ENDRIN UG/KG	39393	<2.0
ENDRIN ALDEHYDE UG/KG	34369	<2.0

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*****************************************************************************
*        SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL      *
*                ANALYTICAL SERVICES DIVISION LABORATORY REPORT             *
*****************************************************************************
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SAMPLE NUMBER : 0629950052
CHARGE NUMBER : WPC
COLLECTED BY : N MACKE
COUNTY : JASPER
SAMPLE DESCRIPTION : MCGRAW SITE
SAMPLE TYPE :

THURSDAY JANUARY 4TH, 1996
RELEASE DATE : 01/04/96 16:05:55
DT COLLECTED : 06/29/95 00:00:00
SAMPLE MEDIUM : SED
STATION CODE :

ANALYSIS	STORET	RESULT
HEPTACHLOR UG/KG	39413	<2.0
HEPTACHLOR EPOXIDE UG/KG	39423	<2.0
TOXAPHENE UG/KG	39403	<70.0
PCB 1016 UG/KG	39514	<15.0
PCB 1221 UG/KG		<30.0
PCB 1232 UG/KG	39495	<15.0
PCB 1242 UG/KG	39499	<15.0
PCB 1248 UG/KG	39503	<15.0
PCB 1254 UG/KG	39507	<15.0
PCB 1260 UG/KG	39511	<15.0
CHLOROMETHANE UG/KG		<20.0
VINYL CHLORIDE UG/KG	34495	<20.0
BROMOMETHANE UG/KG		<20.0
CHLOROETHANE UG/KG	34314	<20.0
TRICHLOROFLUOROMETHANE UG/KG	34491	<20.0
1,1-DICHLOROETHENE UG/KG	34504	<20.0
METHYLENE CHLORIDE UG/KG	34426	<20.0
TRANS-1,2-DICHLOROETHENE UG/KG	34549	<20.0
1,1-DICHLOROETHANE UG/KG	34499	<20.0
CHLOROFORM UG/KG	34318	<20.0
1,1,1-TRICHLOROETHANE UG/KG	34509	<20.0
CARBON TETRACHLORIDE UG/KG	34299	<20.0
BENZENE UG/KG	34237	<20.0
1,2-DICHLOROETHANE UG/KG	34534	<20.0
TRICHLOROETHENE UG/KG	34487	<20.0
1,2-DICHLOROPROPANE UG/KG	34544	<20.0
BROMODICHLOROMETHANE UG/KG	34330	<20.0
2-CHLOROETHYLVINYL ETHER UG/KG	34579	<20.0
CIS-1,3-DICHLOROPROPENE UG/KG	34702	<20.0
TOLUENE UG/KG	34483	<20.0
TRANS-1,3-DICHLOROPROPENE UG/KG	34697	<20.0
1,1,2-TRICHLOROETHANE UG/KG	34514	<20.0
TETRACHLOROETHENE UG/KG	34478	<20.0
DIBROMOCHLOROMETHANE UG/KG	78195	<20.0
CHLOROBENZENE UG/KG	34301	<20.0
ETHYLBENZENE UG/KG	34374	<20.0
BROMOFORM UG/KG	34290	<20.0
1,1,2,2-TETRACHLOROETHANE UG/KG	34519	<20.0
1,3-DICHLOROBENZENE UG/KG	34569	<20.0
1,4-DICHLOROBENZENE UG/KG	34574	<20.0

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* SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL *
* ANALYTICAL SERVICES DIVISION LABORATORY REPORT *

****

SAMPLE NUMBER : 0629950052
CHARGE NUMBER : WPC
COLLECTED BY : N MACKE
COUNTY : JASPER
SAMPLE DESCRIPTION : MCGRAW SITE
SAMPLE TYPE :

THURSDAY JANUARY 4TH, 1996
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DT COLLECTED : 06/29/95 00:00:00
SAMPLE MEDIUM : SED
STATION CODE :

ANALYSIS	STORET	RESULT
HEPTACHLOR UG/KG	39413	<2.0
HEPTACHLOR EPOXIDE UG/KG	39423	<2.0
TOXAPHENE UG/KG	39403	<70.0
PCB 1016 UG/KG	39514	<15.0
PCB 1221 UG/KG		<20.0
PCB 1232 UG/KG	39495	<15.0
PCB 1242 UG/KG	39499	<15.0
PCB 1248 UG/KG	39503	<15.0
PCB 1254 UG/KG	39507	<15.0
PCB 1260 UG/KG	39511	<15.0
CHLOROMETHANE UG/KG		<20.0
VINYL CHLORIDE UG/KG	34495	<20.0
BROMOMETHANE UG/KG		<20.0
CHLOROETHANE UG/KG	34314	<20.0
TRICHLOROFLUOROMETHANE UG/KG	34491	<20.0
1,1-DICHLOROETHENE UG/KG	34504	<20.0
METHYLENE CHLORIDE UG/KG	34426	<20.0
TRANS-1,2-DICHLOROETHENE UG/KG	34549	<20.0
1,1-DICHLOROETHANE UG/KG	34499	<20.0
CHLOROFORM UG/KG	34318	<20.0
1,1,1-TRICHLOROETHANE UG/KG	34509	<20.0
CARBON TETRACHLORIDE UG/KG	34299	<20.0
BENZENE UG/KG	34237	<20.0
1,2-DICHLOROETHANE UG/KG	34534	<20.0
TRICHLOROETHENE UG/KG	34457	<20.0
1,2-DICHLOROPROPANE UG/KG	34544	<20.0
BROMODICHLOROMETHANE UG/KG	34330	<20.0
2-CHLOROETHYLVINYL ETHER UG/KG	34579	<20.0
CIS-1,3-DICHLOROPROPENE UG/KG	34702	<20.0
TOLUENE UG/KG	34483	<20.0
TRANS-1,3-DICHLOROPROPENE UG/KG	34697	<20.0
1,1,2-TRICHLOROETHANE UG/KG	34516	<20.0
TETRACHLOROETHENE UG/KG	34478	<20.0
DIBROMOCHLOROMETHANE UG/KG	78195	<20.0
CHLOROBENZENE UG/KG	34301	<20.0
ETHYLBENZENE UG/KG	34374	<20.0
BROMOFORM UG/KG	34290	<20.0
1,1,2,2-TETRACHLOROETHANE UG/KG	34519	<20.0
1,3-DICHLOROBENZENE UG/KG	34569	<20.0
1,4-DICHLOROBENZENE UG/KG	34574	<20.0

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*        SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL  *
*                ANALYTICAL SERVICES DIVISION LABORATORY REPORT         *
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SAMPLE NUMBER : 0629950052
CHARGE NUMBER : WPC
COLLECTED BY : N MACKE
COUNTY : JASPER
SAMPLE DESCRIPTION : MCGRAW SITE
SAMPLE TYPE :

THURSDAY JANUARY 4TH, 1996
RELEASE DATE : 01/04/96 16:05:55
DT COLLECTED : 06/29/95 00:00:00
SAMPLE MEDIUM : SED
STATION CODE :

ANALYSIS	STORET	RESULT
1,2-DICHLOROBENZENE UG/KG	34539	<20.0

COMMENTS:

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* SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL *
* ANALYTICAL SERVICES DIVISION LABORATORY REPORT *
****

SAMPLE NUMBER : 0629950052
CHARGE NUMBER : WPC
COLLECTED BY : N MACKE
COUNTY : JASPER
SAMPLE DESCRIPTION : MCGRAW SITE
SAMPLE TYPE :

THURSDAY JANUARY 4TH, 1996
RELEASE DATE : 01/04/96 16:05:55
DT COLLECTED : 06/29/95 00:00:00
SAMPLE MEDIUM : SED
STATION CODE :

ANALYSIS	STORET	RESULT
1,2-DICHLOROBENZENE UG/KG	34539	<20.0

COMMENTS:

South Carolina
DHEC
Department of Health and Environmental Control

Request for Inorganic Analysis of Water
Analytical Services Division

WPC

STREAM: Primary ( ) Secondary ( ) Special (✓)
COUNTY: Jasper
Facility: McGraw Site Type: _____
NPDES No: SC00 Receiving Stream: _____ Basin: _____
DATE: From 95 6 29 (Yr Mo Day) To: 95 6 29 (Yr Mo Day) Collector: Natalie Macke

Charge Code: _____
Sheet No. _____
Samples Split: EPA (1) Owner (2) None (3)

Station Number			
Laboratory Number		062995	0053
Time Collected			
Sample Type			
TKN	(mg/L)	00625	
$NH_3 + NH_4^+$	(mg/L)	00610	
NO_3/NO_2 - N	(mg/L)	00630	
Total-P	(mg/L)	00665	
Ortho-P	(mg/L)	70507	
Dissol. Ortho-P	(mg/L)	00671	
Chloride	(mg/L)	00940	
Sulfate	(mg/L)	00945	
Cyanide	(mg/L)	00720	
Hardness	(mg/L)	00900	
Calcium	(mg/L)	00916	
Aluminum	(ug/L)	01105	X
Antimony	(ug/L)	01097	X
Arsenic	(ug/L)	01002	
Barium	(ug/L)	01007	
Beryllium	(ug/L)	01012	
Boron	(ug/L)	01022	
Cadmium	(ug/L)	01027	X
Chromium	(ug/L)	01034	
Cobalt	(ug/L)	01037	
Copper	(ug/L)	01042	
Iron	(ug/L)	01045	
Lead	(ug/L)	01051	
Magnesium	(mg/L)	00927	
Manganese	(ug/L)	01055	X
Mercury	(ug/L)	71900	X
Molybdenum	(ug/L)	01062	
Nickel	(ug/L)	01067	
Selenium	(ug/L)	01047	X
Silver	(ug/L)	01077	
Thallium	(ug/L)	01059	X
Tin	(ug/L)	01102	
Ttianium	(ug/L)	01152	
Vanadium	(ug/L)	01087	
Zinc	(ug/L)	01092	
COD-low level	(mg/L)	00335	
COD-high	(mg/L)	00340	
TOC	(mg/L)	00680	

Run as Uranium metals

Drinking Water Sample

From Mr. McGraw's well

Samples released to: _____ By: Natalie Macke Date: 6/29/95 Time: 1600
Received in regional laboratory by: _____ Date received: _____
Date released from regional laboratory: _____ By: _____
Received in central laboratory by: KN Date received: 6-29-95
Data released from analytical services central laboratory by: TCK Date released: 09/28/95
An "X" in the small column indicates test requested.

DHEC 2189 (8/94) White - Central Office; Canary - ASD; Pink - District Office;

WPC

South Carolina DHEC
Department of Health and Environmental Control

Request for Organic Analysis of Water
Analytical Services Division

STREAM: Primary ( ) Secondary ( ) Special ( ) Charge Code: _____
COUNTY: Jasper Sheet No. _____
Facility McBrau Site Type _____ Samples Split EPA (1) Owner (2) None (3)
NPDES No: SC00 Receiving Stream _____ Basin _____
DATE: From 95 06 29 (Yr Mo Day) To 95 6 29 (Yr Mo Day) Collector Natalie Macke

Laboratory Number		062995		0053	0054							
Station Number					BLANK							
Time Collected												
Sample Type												
Herbicide Scan												
Pesticide Scan			X									
Aldrin	(ug/L)	39330										
beta-BHC	(ug/L)	39338										
Chlordane	(ug/L)	39350										
P-P'-DDD	(ug/L)	39310										
P-P'-DDE	(ug/L)	39320										
P-P'-DDT	(ug/L)	39300										
O-P'-DDD	(ug/L)	39315										
O-P'-DDE	(ug/L)	39327										
O-P'-DDT	(ug/L)	39305										
Dieldrin	(ug/L)	39380										
Heptachlor	(ug/L)	39410										
Heptachlor Epoxide	(ug/L)	39420										
Lindane	(ug/L)	39782										
Methoxychlor	(ug/L)	39480										
Toxaphene	(ug/L)	39400										
Diazinon	(ug/L)	39570										
Ethion	(ug/L)	39398										
Guthion	(ug/L)	39580										
Malathion	(ug/L)	39530										
Methyl Parathion	(ug/L)	39600										
Parathion	(ug/L)	39540										
alpha-BHC	(ug/L)	39337										
Mirex	(ug/L)	39755										
PCB's	(ug/L)	39516										
Acid Extractables		45582	X									
Base-Neutral Ext.		45583	X									
Volatile Organics		84085	X		X Run as Drinking H2O							
2,4D	(ug/L)	39730										
2,4,5T	(ug/L)	39740										
2,4,5TP	(ug/L)	39760										

Samples released to: _____ By: Natalie Macke Date: 6/29-95 Time: 1600
Received in regional laboratory by: _____ Date received: _____
Date released from regional laboratory: _____ By: _____
Received in central laboratory by: KW Date received: 6-29-95
Data released from organic section: 09/28/95 Released by: _____
An "X" in the small column indicates test requested.

DHEC 2182 (8/94) White - Central Office; Canary - ASD Central Lab; Pink - District Office;

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL
ANALYTICAL SERVICES DIVISION LABORATORY REPORT

SAMPLE NUMBER : 0629950053
CHARGE NUMBER : WPC
COLLECTED BY : N MACKE
COUNTY : JASPER
SAMPLE DESCRIPTION : MCCRAW SITE
SAMPLE TYPE :

MONDAY SEPTEMBER 25TH, 1995
RELEASE DATE : 09/25/95 16:30:06
DT COLLECTED : 06/29/95 00:00:00
SAMPLE MEDIUM : WATER
STATION CODE :

ANALYSIS	STORET	RESULT
N-NITROSODIMETHYLAMINE UG/L	34438	<4.0
ANILINE UG/L	77089	<4.0
PHENOL UG/L	34694	<4.0
BIS(2-CHLOROETHYL)ETHER UG/L	34273	<4.0
2-CHLOROPHENOL UG/L	34586	<4.0
1,3-DICHLOROBENZENE UG/L	34566	<4.0
1,4-DICHLOROBENZENE UG/L	34571	<4.0
BENZYL ALCOHOL UG/L	77147	<4.0
1,2-DICHLOROBENZENE UG/L	34536	<4.0
2-METHYLPHENOL UG/L		<4.0
BIS(2-CHLOROISOPROPYL)ETHER UG/L	34283	<4.0
4-METHYLPHENOL UG/L		<4.0
N-NITROSODI-N-PROPYLAMINE UG/L	34428	<4.0
HEXACHLOROETHANE UG/L	34396	<4.0
NITROBENZENE UG/L	34447	<4.0
ISOPHORONE UG/L	34408	<4.0
2-NITROPHENOL UG/L	34591	<4.0
2,4-DIMETHYL PHENOL UG/L	34606	<4.0
BENZOIC ACID UG/L	77247	<4.0
BIS(2-CHLOROETHOXY)METHANE UG/L	34278	<4.0
2,4-DICHLOROPHENOL UG/L	34601	<4.0
1,2,4-TRICHLOROBENZENE UG/L	34551	<4.0
NAPHTHALENE UG/L	34696	<4.0
4-CHLOROANILINE UG/L		<4.0
HEXACHLOROBUTADIENE UG/L	34391	<4.0
4-CHLORO-3-METHYL PHENOL UG/L	34452	<4.0
2-METHYL NAPHTHALENE UG/L	77416	<4.0
HEXACHLOROCYLCOPENTADIENE UG/L	34386	<4.0
2,4,6-TRICHLOROPHENOL UG/L	34621	<4.0
2,4,5-TRICHLOROPHENOL UG/L	77687	<4.0
2-CHLORONAPHTHALENE UG/L	34581	<4.0
2-NITROANILINE UG/L		<4.0
DIMETHYL PHTHALATE UG/L	34341	<4.0
ACENAPHTHYLENE UG/L	34200	<4.0
2,6-DINITROTOLUENE UG/L	34626	<4.0
3-NITROANILINE UG/L	78300	<4.0
ACENAPHTHENE UG/L	34205	<4.0
4-NITROPHENOL UG/L	34646	<4.0
DIBENZOFURAN UG/L	81302	<4.0
2,4-DINITROTOLUENE UG/L	34611	<4.0
DIETHYL PHTHALATE UG/L	34336	<4.0
4-CHLOROPHENYL PHENYL ETHER UG/L	34641	<4.0

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*        SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL      *
*              ANALYTICAL SERVICES DIVISION LABORATORY  REPORT              *
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SAMPLE NUMBER : 0629950053
CHARGE NUMBER : WPC
COLLECTED BY : N MACKE
COUNTY : JASPER
SAMPLE DESCRIPTION : MCGRAW SITE
SAMPLE TYPE :

MONDAY SEPTEMBER 25TH, 1995
RELEASE DATE : 09/25/95 16:30:06
DT COLLECTED : 06/29/95 00:00:00
SAMPLE MEDIUM : WATER
STATION CODE :

ANALYSIS	STORET	RESULT
N-NITROSODIMETHYLAMINE UG/L	34438	<4.0
ANILINE UG/L	77089	<4.0
PHENOL UG/L	34694	<4.0
BIS(2-CHLOROETHYL)ETHER UG/L	34273	<4.0
2-CHLOROPHENOL UG/L	34586	<4.0
1,3-DICHLOROBENZENE UG/L	34566	<4.0
1,4-DICHLOROBENZENE UG/L	34571	<4.0
BENZYL ALCOHOL UG/L	77147	<4.0
1,2-DICHLOROBENZENE UG/L	34536	<4.0
2-METHYLPHENOL UG/L		<4.0
BIS(2-CHLOROISOPROPYL)ETHER UG/L	34283	<4.0
4-METHYLPHENOL UG/L		<4.0
N-NITROSODI-N-PROPYLAMINE UG/L	34428	<4.0
HEXACHLOROETHANE UG/L	34396	<4.0
NITROBENZENE UG/L	34447	<4.0
ISOPHORONE UG/L	34408	<4.0
2-NITROPHENOL UG/L	34591	<4.0
2,4-DIMETHYL PHENOL UG/L	34606	<4.0
BENZOIC ACID UG/L	77247	<4.0
BIS(2-CHLOROETHOXY)METHANE UG/L	34278	<4.0
2,4-DICHLOROPHENOL UG/L	34601	<4.0
1,2,4-TRICHLOROBENZENE UG/L	34551	<4.0
NAPHTHALENE UG/L	34696	<4.0
4-CHLOROANILINE UG/L		<4.0
HEXACHLOROBUTADIENE UG/L	34391	<4.0
4-CHLORO-3-METHYL PHENOL UG/L	34452	<4.0
2-METHYL NAPHTHALENE UG/L	77416	<4.0
HEXACHLOROCYLCOPENTADIENE UG/L	34386	<4.0
2,4,6-TRICHLOROPHENOL UG/L	34621	<4.0
2,4,5-TRICHLOROPHENOL UG/L	77687	<4.0
2-CHLORONAPHTHALENE UG/L	34581	<4.0
2-NITROANILINE UG/L		<4.0
DIMETHYL PHTHALATE UG/L	34341	<4.0
ACENAPHTHYLENE UG/L	34200	<4.0
2,6-DINITROTOLUENE UG/L	34626	<4.0
3-NITROANILINE UG/L	78300	<4.0
ACENAPHTHENE UG/L	34205	<4.0
4-NITROPHENOL UG/L	34646	<4.0
DIBENZOFURAN UG/L	81302	<4.0
2,4-DINITROTOLUENE UG/L	34611	<4.0
DIETHYL PHTHALATE UG/L	34336	<4.0
4-CHLOROPHENYL PHENYL ETHER UG/L	34641	<4.0

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* SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL *
* ANALYTICAL SERVICES DIVISION LABORATORY REPORT *
****

SAMPLE NUMBER : 0629950053
CHARGE NUMBER : WPC
COLLECTED BY : N MACKE
COUNTY : JASPER
SAMPLE DESCRIPTION : MCGRAW SITE
SAMPLE TYPE :

MONDAY SEPTEMBER 25TH, 1995
RELEASE DATE : 09/25/95 16:30:06
DT COLLECTED : 06/29/95 00:00:00
SAMPLE MEDIUM : WATER
STATION CODE :

ANALYSIS	STORET	RESULT
FLUORENE UG/L	34381	<4.0
4-NITROANILINE UG/L		<4.0
AZOBENZENE UG/L	77825	<4.0
2-METHYL-4,6-DINITROPHENOL UG/L	34657	<4.0
N-NITROSODIPHENYLAMINE UG/L	34433	<4.0
4-BROMOPHENYL PHENYL ETHER UG/L	34636	<4.0
HEXACHLOROBENZENE UG/L	39700	<4.0
PENTACHLOROPHENOL UG/L	39032	<4.0
PHENANTHRENE UG/L	34461	<4.0
ANTHRACENE UG/L	34220	<4.0
DI-N-BUTYLPHTHALATE UG/L	39110	<4.0
FLUORANTHENE UG/L	34376	<4.0
PYRENE UG/L	34469	<4.0
BUTYLBENZYL PHTHALATE UG/L	34292	<4.0
3,3'-DICHLOROBENZIDINE UG/L	34631	<4.0
BENZO(A)ANTHRACENE UG/L	34526	<4.0
CHRYSENE UG/L	34320	<4.0
BIS(2-ETHYLHEXYL)PHTHALATE UG/L	39100	<4.0
DI-N-OCTYLPHTHALATE UG/L	34596	<4.0
BENZO(B)FLUORANTHENE UG/L	34230	<4.0
BENZO(K)FLUORANTHENE UG/L	34242	<4.0
BENZO(A)PYRENE UG/L	34247	<4.0
INDENO(1,2,3-CD)PYRENE UG/L	34403	<4.0
DIBENZO(A,H)ANTHRACENE UG/L	34556	<4.0
BENZO(GHI)PERYLENE UG/L	34521	<4.0
ALDRIN UG/L	34336	<0.05
ALPHA-BHC UG/L	39337	<0.05
BETA-BHC	39338	<0.05
DELTA-BHC	34259	<0.05
LINDANE UG/L	39782	<0.05
CHLORDANE UG/L	39350	<0.05
P,P'-DDD UG/L	39310	<0.05
P,P'-DDE UG/L	39320	<0.05
P,P'-DDT UG/L	39300	<0.05
DIELDRIN UG/L	39380	<0.05
ENDOSULFAN I UG/L	34361	<0.05
ENDOSULFAN II UG/L	34356	<0.05
ENDOSULFAN SULFATE UG/L	34351	<0.05
ENDRIN UG/L	39390	<0.05
ENDRIN ALDEHYDE UG/L	34366	<0.05

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*        SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL      *
*              ANALYTICAL SERVICES DIVISION LABORATORY REPORT               *
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SAMPLE NUMBER : 0629950053
CHARGE NUMBER : WPC
COLLECTED BY : N MACKE
COUNTY : JASPER
SAMPLE DESCRIPTION : MCGRAW SITE
SAMPLE TYPE :

MONDAY SEPTEMBER 25TH, 1995
RELEASE DATE : 09/25/95 16:30:06
DT COLLECTED : 06/29/95 00:00:00
SAMPLE MEDIUM : WATER
STATION CODE :

ANALYSIS	STORET	RESULT
FLUORENE UG/L	34381	<4.0
4-NITROANILINE UG/L		<4.0
AZOBENZENE UG/L	77625	<4.0
2-METHYL-4,6-DINITROPHENOL UG/L	34657	<4.0
N-NITROSODIPHENYLAMINE UG/L	34433	<4.0
4-BROMOPHENYL PHENYL ETHER UG/L	34636	<4.0
HEXACHLOROBENZENE UG/L	39700	<4.0
PENTACHLOROPHENOL UG/L	39032	<4.0
PHENANTHRENE UG/L	34461	<4.0
ANTHRACENE UG/L	34220	<4.0
DI-N-BUTYLPHTHALATE UG/L	39110	<4.0
FLUORANTHENE UG/L	34376	<4.0
PYRENE UG/L	34469	<4.0
BUTYLBENZYL PHTHALATE UG/L	34292	<4.0
3,3'-DICHLOROBENZIDINE UG/L	34631	<4.0
BENZO(A)ANTHRACENE UG/L	34526	<4.0
CHRYSENE UG/L	34320	<4.0
BIS(2-ETHYLHEXYL)PHTHALATE UG/L	39100	<4.0
DI-N-OCTYLPHTHALATE UG/L	34596	<4.0
BENZO(B)FLUORANTHENE UG/L	34230	<4.0
BENZO(K)FLUORANTHENE UG/L	34242	<4.0
BENZO(A)PYRENE UG/L	34247	<4.0
INDENO(1,2,3-CD)PYRENE UG/L	34403	<4.0
DIBENZO(A,H)ANTHRACENE UG/L	34556	<4.0
BENZO(GHI)PERYLENE UG/L	34521	<4.0
ALDRIN UG/L	39330	<0.05
ALPHA-BHC UG/L	39337	<0.05
BETA-BHC	39338	<0.05
DELTA-BHC	34259	<0.05
LINDANE UG/L	39782	<0.05
CHLORDANE UG/L	39350	<0.05
P,P'-DDD UG/L	39310	<0.05
P,P'-DDE UG/L	39320	<0.05
P,P'-DDT UG/L	39300	<0.05
DIELDRIN UG/L	39380	<0.05
ENDOSULFAN I UG/L	34361	<0.05
ENDOSULFAN II UG/L	34356	<0.05
ENDOSULFAN SULFATE UG/L	34351	<0.05
ENDRIN UG/L	39390	<0.05
ENDRIN ALDEHYDE UG/L	34366	<0.05

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL
ANALYTICAL SERVICES DIVISION LABORATORY REPORT

SAMPLE NUMBER : 0629950053
CHARGE NUMBER : WPC
COLLECTED BY : N MACKE
COUNTY : JASPER
SAMPLE DESCRIPTION : MCGRAW SITE
SAMPLE TYPE :

MONDAY SEPTEMBER 25TH, 1995
RELEASE DATE : 09/25/95 16:30:06
DT COLLECTED : 06/29/95 00:00:00
SAMPLE MEDIUM : WATER
STATION CODE :

ANALYSIS	STORET	RESULT
HEPTACHLOR UG/L	39410	<0.05
HEPTACHLOR EPOXIDE UG/L	39420	<0.05
TOXAPHENE UG/L	39400	<0.05
PCB 1016 UG/L	34671	<0.5
PCB 1221 UG/L	39488	<0.5
PCB 1232 UG/L	39492	<0.5
PCB 1242 UG/L	39496	<0.5
PCB 1248 UG/L	39500	<0.5
PCB 1254 UG/L	39504	<0.5
PCB 1260 UG/L	39505	<0.5
ALUMINUM MG/L	1002	<0.05
CADMIUM MG/L	1015	<0.0001
BARIUM MG/L	1010	<0.05
BERYLLIUM MG/L	1075	<0.002
CHROMIUM MG/L	1020	<0.01
NICKEL MG/L	1036	<0.02
MERCURY MG/L	1035	<0.0002
ANTIMONY MG/L	1074	<0.003
SELENIUM MG/L	1045	<0.005
THALLIUM MG/L	1065	<0.001
DICHLORODIFLUOROMETHANE MG/L	2212	<0.0005
CHLOROMETHANE MG/L	2211	<0.0005
VINYL CHLORIDE MG/L	2976	<0.0005
BROMOMETHANE MG/L	2214	<0.0005
CHLOROETHANE MG/L	2216	<0.0005
TRICHLOROFLUOROMETHANE MG/L	2218	<0.0005
1,1-DICHLOROETHYLENE MG/L	2977	<0.0005
METHYLENE CHLORIDE MG/L	2964	<0.0005
TRANS-1,2-DICHLOROETHENE MG/L	2979	<0.0005
1,1-DICHLOROETHANE MG/L	2978	<0.0005
2,2-DICHLOROPROPANE MG/L	2416	<0.0005
CIS-1,2-DICHLOROETHENE MG/L	2380	<0.0005

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*****************************************************************************
*        SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL      *
*              ANALYTICAL SERVICES DIVISION LABORATORY REPORT               *
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SAMPLE NUMBER : 0629950053
CHARGE NUMBER : WPC
COLLECTED BY : N MACKE
COUNTY : JASPER
SAMPLE DESCRIPTION : MCGRAW SITE
SAMPLE TYPE :

MONDAY SEPTEMBER 25TH, 1995
RELEASE DATE : 09/25/95 16:30:06
DT COLLECTED : 06/29/95 00:00:00
SAMPLE MEDIUM : WATER
STATION CODE :

ANALYSIS	STORET	RESULT
HEPTACHLOR UG/L	39410	<0.05
HEPTACHLOR EPOXIDE UG/L	39420	<0.05
TOXAPHENE UG/L	39400	<0.05
PCB 1016 UG/L	34671	<0.5
PCB 1221 UG/L	39488	<0.5
PCB 1232 UG/L	39492	<0.5
PCB 1242 UG/L	39496	<0.5
PCB 1248 UG/L	39500	<0.5
PCB 1254 UG/L	39504	<0.5
PCB 1260 UG/L	39508	<0.5
ALUMINUM MG/L	1002	<0.05
CADMIUM MG/L	1015	<0.0001
BARIUM MG/L	1010	<0.05
BERYLLIUM MG/L	1075	<0.003
CHROMIUM MG/L	1020	<0.01
NICKEL MG/L	1036	<0.02
MERCURY MG/L	1035	<0.0002
ANTIMONY MG/L	1074	<0.003
SELENIUM MG/L	1045	<0.005
THALLIUM MG/L	1085	<0.001
DICHLORODIFLUOROMETHANE MG/L	2212	<0.0005
CHLOROMETHANE MG/L	2210	<0.0005
VINYL CHLORIDE MG/L	2976	<0.0005
BROMOMETHANE MG/L	2214	<0.0005
CHLOROETHANE MG/L	2216	<0.0005
TRICHLOROFLUOROMETHANE MG/L	2218	<0.0005
1,1-DICHLOROETHYLENE MG/L	2977	<0.0005
METHYLENE CHLORIDE MG/L	2964	<0.0005
TRANS-1,2-DICHLOROETHENE MG/L	2979	<0.0005
1,1-DICHLOROETHANE MG/L	2978	<0.0005
2,2-DICHLOROPROPANE MG/L	2416	<0.0005
CIS-1,2-DICHLOROETHENE MG/L	2380	<0.0005

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* SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL *

* ANALYTICAL SERVICES DIVISION LABORATORY REPORT *

****

SAMPLE NUMBER : 0629950053
CHARGE NUMBER : WPC
COLLECTED BY : N GACKE
COUNTY : JASPER
SAMPLE DESCRIPTION : MCGRAW SITE
SAMPLE TYPE :

MONDAY SEPTEMBER 25TH, 1995
RELEASE DATE : 09/25/95 16:30:06
DT COLLECTED : 06/29/95 00:00:00
SAMPLE MEDIUM : WATER
STATION CODE :

ANALYSIS	STORET	RESULT
CHLOROFORM MG/L	2941	<0.0005
BROMOCHLOROMETHANE MG/L	2430	<0.0005
1,1,1-TRICHLOROETHANE MG/L	2981	<0.0005
1,1-DICHLOROPROPENE MG/L	2410	<0.0005
CARBON TETRACHLORIDE MG/L	2982	<0.0005
BENZENE MG/L	2990	<0.0005
1,2-DICHLOROETHANE MG/L	2980	<0.0005
TRICHLOROETHYLENE MG/L	2984	<0.0005
1,2-DICHLOROPROPANE MG/L	2983	<0.0005
BROMODICHLOROMETHANE MG/L	2943	<0.0005
DIBROMOMETHANE MG/L	2408	<0.0005
TRANS-1,3-DICHLOROPROPENE MG/L	2224	<0.0005
TOLUENE MG/L	2991	<0.0005
CIS-1,3-DICHLOROPROPENE MG/L	2223	<0.0005
1,1,2-TRICHLOROETHANE MG/L	2985	<0.0005
TETRACHLOROETHENE MG/L	2987	<0.0005
1,3-DICHLOROPROPANE MG/L	2412	<0.0005
DIBROMOCHLOROMETHANE MG/L	2946	<0.0005
1,2-DIBROMOETHANE MG/L	2946	<0.0005
CHLOROBENZENE MG/L	2989	<0.0005
1,1,1,2-TETRACHLOROETHANE MG/L	2966	<0.0005
ETHYLBENZENE MG/L	2992	<0.0005
M,P-XYLENES MG/L	2951	<0.0005
O-XYLENE MG/L	2997	<0.0005
STYRENE MG/L	2996	<0.0005
BROMOFORM MG/L	2942	<0.0005
ISOPROPYLBENZENE MG/L	2994	<0.0005
1,1,2,2-TETRACHLOROETHANE MG/L	2988	<0.0005
BROMOBENZENE MG/L	2993	<0.0005
1,2,3-TRICHLOROPROPANE MG/L	2414	<0.0005
N-PROPYLBENZENE MG/L	2998	<0.0005
2-CHLOROTOLUENE MG/L	2965	<0.0005
4-CHLOROTOLUENE MG/L	2966	<0.0005
1,3,5-TRIMETHYLBENZENE MG/L	2424	<0.0005
TERT-BUTYLBENZENE MG/L	2426	<0.0005
1,2,4-TRIMETHYLBENZENE MG/L	2416	<0.0005
SEC-BUTYLBENZENE MG/L	2425	<0.0005
1,3-DICHLOROBENZENE MG/L	2967	<0.0005
P-ISOPROPYLTOLUENE MG/L	2003	<0.0005
1,4-DICHLOROBENZENE MG/L	2969	<0.0005
1,2-DICHLOROBENZENE MG/L	2968	<0.0005
N-BUTYLBENZENE MG/L	2422	<0.0005

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*        SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL      *
*            ANALYTICAL SERVICES DIVISION LABORATORY REPORT                 *
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SAMPLE NUMBER : 0629950053
CHARGE NUMBER : WPC
COLLECTED BY : N MACKE
COUNTY : JASPER
SAMPLE DESCRIPTION : MCGRAW SITE
SAMPLE TYPE :

MONDAY SEPTEMBER 25TH, 1995
RELEASE DATE : 09/25/95 16:30:06
DT COLLECTED : 06/29/95 00:00:00
SAMPLE MEDIUM : WATER
STATION CODE :

ANALYSIS	STORET	RESULT
CHLOROFORM MG/L	2941	<0.0005
BROMOCHLOROMETHANE MG/L	2430	<0.0005
1,1,1-TRICHLOROETHANE MG/L	2981	<0.0005
1,1-DICHLOROPROPENE MG/L	2410	<0.0005
CARBON TETRACHLORIDE MG/L	2982	<0.0005
BENZENE MG/L	2990	<0.0005
1,2-DICHLOROETHANE MG/L	2980	<0.0005
TRICHLOROETHYLENE MG/L	2984	<0.0005
1,2-DICHLOROPROPANE MG/L	2983	<0.0005
BROMODICHLOROMETHANE MG/L	2943	<0.0005
DIBROMOMETHANE MG/L	2408	<0.0005
TRANS-1,3-DICHLOROPROPENE MG/L	2224	<0.0005
TOLUENE MG/L	2991	<0.0005
CIS-1,3-DICHLOROPROPENE MG/L	2228	<0.0005
1,1,2-TRICHLOROETHANE MG/L	2985	<0.0005
TETRACHLOROETHENE MG/L	2987	<0.0005
1,3-DICHLOROPROPANE MG/L	2412	<0.0005
DIBROMOCHLOROMETHANE MG/L	2944	<0.0005
1,2-DIBROMOETHANE MG/L	2946	<0.0005
CHLOROBENZENE MG/L	2989	<0.0005
1,1,1,2-TETRACHLOROETHANE MG/L	2986	<0.0005
ETHYLBENZENE MG/L	2992	<0.0005
M,P-XYLENES MG/L	2955	<0.0005
O-XYLENE MG/L	2997	<0.0005
STYRENE MG/L	2996	<0.0005
BROMOFORM MG/L	2942	<0.0005
ISOPROPYLBENZENE MG/L	2994	<0.0005
1,1,2,2-TETRACHLOROETHANE MG/L	2988	<0.0005
BROMOBENZENE MG/L	2993	<0.0005
1,2,3-TRICHLOROPROPANE MG/L	2414	<0.0005
N-PROPYLBENZENE MG/L	2998	<0.0005
2-CHLOROTOLUENE MG/L	2965	<0.0005
4-CHLOROTOLUENE MG/L	2966	<0.0005
1,3,5-TRIMETHYLBENZENE MG/L	2424	<0.0005
TERT-BUTYLBENZENE MG/L	2426	<0.0005
1,2,4-TRIMETHYLBENZENE MG/L	2418	<0.0005
SEC-BUTYLBENZENE MG/L	2428	<0.0005
1,3-DICHLOROBENZENE MG/L	2967	<0.0005
P-ISOPROPYLTOLUENE MG/L	2030	<0.0005
1,4-DICHLOROBENZENE MG/L	2969	<0.0005
1,2-DICHLOROBENZENE MG/L	2968	<0.0005
N-BUTYLBENZENE MG/L	2422	<0.0005

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* SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL *

* ANALYTICAL SERVICES DIVISION LABORATORY REPORT *

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SAMPLE NUMBER : 0629950053
CHARGE NUMBER : WPC
COLLECTED BY : N PACKE
COUNTY : JASPER
SAMPLE DESCRIPTION : MCGRAW SITE
SAMPLE TYPE :

MONDAY SEPTEMBER 25TH, 1995
RELEASE DATE : 09/25/95 16:30:00
DT COLLECTED : 06/29/95 00:00:00
SAMPLE MEDIUM : WATER
STATION CODE :

PAGE 5

ANALYSIS	STORET	RESULT
1,2-DIBROMO-3-CHLOROPROPANE MG/L	2931	<0.0005
1,2,4-TRICHLOROBENZENE MG/L	2378	<0.0005
HEXACHLOROBUTADIENE MG/L	2246	<0.0005
NAPHTHALENE MG/L	2248	<0.0005
1,2,3-TRICHLOROBENZENE MG/L	2425	<0.0005

COMMENTS:

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*        SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL      *
*              ANALYTICAL SERVICES DIVISION LABORATORY REPORT               *
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SAMPLE NUMBER : 0629950053
CHARGE NUMBER : WPC
COLLECTED BY : N MACKE
COUNTY : JASPER
SAMPLE DESCRIPTION : MCGRAW SITE
SAMPLE TYPE :

MONDAY SEPTEMBER 25TH, 1995
RELEASE DATE : 09/25/95 16:30:06
DT COLLECTED : 06/29/95 00:00:00
SAMPLE MEDIUM : WATER
STATION CODE :

ANALYSIS	STORET	RESULT
1,2-DIBROMO-3-CHLOROPROPANE MG/L	2931	<0.0005
1,2,4-TRICHLOROBENZENE MG/L	2378	<0.0005
HEXACHLOROBUTADIENE MG/L	2246	<0.0005
NAPHTHALENE MG/L	2248	<0.0005
1,2,3-TRICHLOROBENZENE MG/L	2420	<0.0005

COMMENTS:

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*****************************************************************************
*        SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL      *
*                ANALYTICAL SERVICES DIVISION LABORATORY  REPORT            *
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SAMPLE NUMBER : 0629950054
CHARGE NUMBER : WPC
COLLECTED BY : N WACKE
COUNTY : JASPER
SAMPLE DESCRIPTION : MCGRAW SITE
SAMPLE TYPE :

FRIDAY JULY 14TH, 1995
RELEASE DATE : 07/14/95 15:43:33
DT COLLECTED : 06/29/95 00:00:00
SAMPLE MEDIUM : WATER
STATION CODE :

ANALYSIS	STORET	RESULT
DICHLORODIFLUOROMETHANE MG/L	2212	<0.0005
CHLOROMETHANE MG/L	2210	<0.0005
VINYL CHLORIDE MG/L	2976	<0.0005
BROMOMETHANE MG/L	2214	<0.0005
CHLOROETHANE MG/L	2216	<0.0005
TRICHLOROFLUOROMETHANE MG/L	2213	<0.0005
1,1-DICHLOROETHYLENE MG/L	2977	<0.0005
METHYLENE CHLORIDE MG/L	2964	<0.0005
TRANS-1,2-DICHLOROETHENE MG/L	2979	<0.0005
1,1-DICHLOROETHANE MG/L	2978	<0.0005
2,2-DICHLOROPROPANE MG/L	2416	<0.0005
CIS-1,2-DICHLOROETHENE MG/L	2380	<0.0005
CHLOROFORM MG/L	2941	<0.0005
BROMOCHLOROMETHANE MG/L	2430	<0.0005
1,1,1-TRICHLOROETHANE MG/L	2981	<0.0005
1,1-DICHLOROPROPENE MG/L	2410	<0.0005
CARBON TETRACHLORIDE MG/L	2982	<0.0005
BENZENE MG/L	2990	<0.0005
1,2-DICHLOROETHANE MG/L	2950	<0.0005
TRICHLOROETHYLENE MG/L	2984	<0.0005
1,2-DICHLOROPROPANE MG/L	2963	<0.0005
BROMODICHLOROMETHANE MG/L	2943	<0.0005
DIBROMOMETHANE MG/L	2406	<0.0005
TRANS-1,3-DICHLOROPROPENE MG/L	2224	<0.0005
TOLUENE MG/L	2991	<0.0005
CIS-1,3-DICHLOROPROPENE MG/L	2228	<0.0005
1,1,2-TRICHLOROETHANE MG/L	2985	<0.0005
TETRACHLOROETHENE MG/L	2987	<0.0005
1,3-DICHLOROPROPANE MG/L	2412	<0.0005
DIBROMOCHLOROMETHANE MG/L	2944	<0.0005
1,2-DIBROMOETHANE MG/L	2946	<0.0005
CHLOROBENZENE MG/L	2989	<0.0005
1,1,1,2-TETRACHLOROETHANE MG/L	2986	<0.0005
ETHYLBENZENE MG/L	2992	<0.0005
M,P-XYLENES MG/L	2951	<0.0005
O-XYLENE MG/L	2997	<0.0005
STYRENE MG/L	2996	<0.0005
BROMOFORM MG/L	2942	<0.0005
ISOPROPYLBENZENE MG/L	2994	<0.0005
1,1,2,2-TETRACHLOROETHANE MG/L	2988	<0.0005
BROMOBENZENE MG/L	2993	<0.0005

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*        SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL      *
*                ANALYTICAL SERVICES DIVISION LABORATORY  REPORT            *
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SAMPLE NUMBER : 0629950054
CHARGE NUMBER : WPC
COLLECTED BY : N MACKE
COUNTY : JASPER
SAMPLE DESCRIPTION : MCGRAW SITE
SAMPLE TYPE :

FRIDAY JULY 14TH, 1995
RELEASE DATE : 07/14/95 15:43:33
DT COLLECTED : 06/29/95 00:00:00
SAMPLE MEDIUM : WATER
STATION CODE :

ANALYSIS	STORET	RESULT
DICHLORODIFLUOROMETHANE MG/L	2212	<0.0005
CHLOROMETHANE MG/L	2210	<0.0005
VINYL CHLORIDE MG/L	2976	<0.0005
BROMOMETHANE MG/L	2214	<0.0005
CHLOROETHANE MG/L	2216	<0.0005
TRICHLOROFLUOROMETHANE MG/L	2218	<0.0005
1,1-DICHLOROETHYLENE MG/L	2977	<0.0005
METHYLENE CHLORIDE MG/L	2964	<0.0005
TRANS-1,2-DICHLOROETHENE MG/L	2979	<0.0005
1,1-DICHLOROETHANE MG/L	2978	<0.0005
2,2-DICHLOROPROPANE MG/L	2416	<0.0005
CIS-1,2-DICHLOROETHENE MG/L	2380	<0.0005
CHLOROFORM MG/L	2941	<0.0005
BROMOCHLOROMETHANE MG/L	2430	<0.0005
1,1,1-TRICHLOROETHANE MG/L	2981	<0.0005
1,1-DICHLOROPROPENE MG/L	2410	<0.0005
CARBON TETRACHLORIDE MG/L	2982	<0.0005
BENZENE MG/L	2990	<0.0005
1,2-DICHLOROETHANE MG/L	2980	<0.0005
TRICHLOROETHYLENE MG/L	2984	<0.0005
1,2-DICHLOROPROPANE MG/L	2983	<0.0005
BROMODICHLOROMETHANE MG/L	2943	<0.0005
DIBROMOMETHANE MG/L	2408	<0.0005
TRANS-1,3-DICHLOROPROPENE MG/L	2224	<0.0005
TOLUENE MG/L	2991	<0.0005
CIS-1,3-DICHLOROPROPENE MG/L	2228	<0.0005
1,1,2-TRICHLOROETHANE MG/L	2985	<0.0005
TETRACHLOROETHENE MG/L	2987	<0.0005
1,3-DICHLOROPROPANE MG/L	2412	<0.0005
DIBROMOCHLOROMETHANE MG/L	2944	<0.0005
1,2-DIBROMOETHANE MG/L	2946	<0.0005
CHLOROBENZENE MG/L	2989	<0.0005
1,1,1,2-TETRACHLOROETHANE MG/L	2986	<0.0005
ETHYLBENZENE MG/L	2992	<0.0005
M,P-XYLENES MG/L	2955	<0.0005
O-XYLENE MG/L	2997	<0.0005
STYRENE MG/L	2996	<0.0005
BROMOFORM MG/L	2942	<0.0005
ISOPROPYLBENZENE MG/L	2994	<0.0005
1,1,2,2-TETRACHLOROETHANE MG/L	2988	<0.0005
BROMOBENZENE MG/L	2993	<0.0005

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* SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL *
* ANALYTICAL SERVICES DIVISION LABORATORY REPORT *
****

SAMPLE NUMBER : 0629950054
CHARGE NUMBER : WPC
COLLECTED BY : N HACKE
COUNTY : JASPER
SAMPLE DESCRIPTION : MCGRAW SITE
SAMPLE TYPE :

FRIDAY JULY 14TH, 1995
RELEASE DATE : 07/14/95 15:43:33
DT COLLECTED : 06/29/95 00:00:00
SAMPLE MEDIUM : WATER
STATION CODE :

ANALYSIS	STORET	RESULT
1,2,3-TRICHLOROPROPANE MG/L	2414	<0.0005
N-PROPYLBENZENE MG/L	2998	<0.0005
2-CHLOROTOLUENE MG/L	2965	<0.0005
4-CHLOROTOLUENE MG/L	2966	<0.0005
1,3,5-TRIMETHYLBENZENE MG/L	2424	<0.0005
TERT-BUTYLBENZENE MG/L	2426	<0.0005
1,2,4-TRIMETHYLBENZENE MG/L	2413	<0.0005
SEC-BUTYLBENZENE MG/L	2428	<0.0005
1,3-DICHLOROBENZENE MG/L	2967	<0.0005
P-ISOPROPYLTOLUENE MG/L	2030	<0.0005
1,4-DICHLOROBENZENE MG/L	2969	<0.0005
1,2-DICHLOROBENZENE MG/L	2968	<0.0005
N-BUTYLBENZENE MG/L	2422	<0.0005
1,2-DIBROMO-3-CHLOROPROPANE MG/L	2931	<0.0005
1,2,4-TRICHLOROBENZENE MG/L	2378	<0.0005
HEXACHLOROBUTADIENE MG/L	2246	<0.0005
NAPNTHALENE MG/L	2248	<0.0005
1,2,3-TRICHLOROBENZENE MG/L	2420	<0.0005

COMMENTS:

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*****************************************************************************
*        SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL      *
*                ANALYTICAL SERVICES DIVISION LABORATORY  REPORT            *
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SAMPLE NUMBER : 0629950054
CHARGE NUMBER : WPC
COLLECTED BY : N MACKE
COUNTY : JASPER
SAMPLE DESCRIPTION : MCGRAW SITE
SAMPLE TYPE :

FRIDAY JULY 14TH, 1995
RELEASE DATE : 07/14/95 15:43:33
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SAMPLE MEDIUM : WATER
STATION CODE :

ANALYSIS	STORET	RESULT
1,2,3-TRICHLOROPROPANE MG/L	2414	<0.0005
N-PROPYLBENZENE MG/L	2998	<0.0005
2-CHLOROTOLUENE MG/L	2965	<0.0005
4-CHLOROTOLUENE MG/L	2966	<0.0005
1,3,5-TRIMETHYLBENZENE MG/L	2424	<0.0005
TERT-BUTYLBENZENE MG/L	2426	<0.0005
1,2,4-TRIMETHYLBENZENE MG/L	2418	<0.0005
SEC-BUTYLBENZENE MG/L	2428	<0.0005
1,3-DICHLOROBENZENE MG/L	2967	<0.0005
P-ISOPROPYLTOLUENE MG/L	2030	<0.0005
1,4-DICHLOROBENZENE MG/L	2969	<0.0005
1,2-DICHLOROBENZENE MG/L	2968	<0.0005
N-BUTYLBENZENE MG/L	2422	<0.0005
1,2-DIBROMO-3-CHLOROPROPANE MG/L	2931	<0.0005
1,2,4-TRICHLOROBENZENE MG/L	2378	<0.0005
HEXACHLOROBUTADIENE MG/L	2246	<0.0005
NAPHTHALENE MG/L	2248	<0.0005
1,2,3-TRICHLOROBENZENE MG/L	2420	<0.0005

COMMENTS:

South Carolina
DHEC
Department of Health and Environmental Control

MEMORANDUM

WPC GEOHYDROLOGIC SECTION

To: Bureau of Water Pollution Control Files

From: Natalie Macke, Hydrologist NAM
Geohydrologic Section
Water Quality Assessment and Enforcement Division

Re: McGraw Auto Salvage Inc. - Jasper County
formerly, Roy's Carolina Tank Cleaning
CERCLIS-Site Discovery Forms (1979) - Investigation

Date: June 26, 1995

The referenced facility was referred to this Section by William R. Krecker (Enforcement Liaison) on 05/26/95. The following information has been noted from a site visit made by the writer on 06/16/95.

From 1975 till 1979 Mr. McGraw of Roy's Carolina Tank Cleaning allowed Chemical Leaman, a chemical transport company, to use his property to steam clean the inside of their tank trucks. The wastewater was subsequently discharged to a sand oxidation pond. The remains of the old oxidation pond are still apparent. The first foot of soil in the pond area is still stained and volatile organics seem to be present.

Further investigation is ensuing.

NM
cc: Gina Lowman