SITE: Exide Battery
BREAK: 1.4
OTHER: VI

049406-0017-4989 SITE INVEST CERC
EXIDE BATTERY SITE
GREER, SC

04-9406-0017A-5064 SITE INV.
EXIDE BATTERY SITE
GREER, GREENVILLE CO., SC

10488161

1989

1. COST CENTER: 04	ACKNOWLEDGEMENT OF COMPLETION FOR TDD TAT EMERGENCY RESPONSE REMOVAL AND PREVENTION Roy F. Weston	2. NO.: 04-9406-0017A 5046
	SITE NAME: EXIDE BATTERY SITE MONITOR: DIXON, WARREN START/END DATES: 07/14/94 - 08/01/94 ESTIMATE HOURS: 95 ESTIMATED COST: 5985.00 TDD TYPE: 01 - SITE INVESTIGATIONS CERCLA 104(b)	(X) COMPLETE [ ] INTERIM

3. RESPONSE: THE TAT WAS TASKED TO PERFORM A SITE ASSESSMENT AT EXIDE BATTERY, GREENVILLE COUNTY, SOUTH CAROLINA. WHILE ONSITE, THE TAT ASSESSED THE POTENTIAL FOR OFFSITE MIGRATION TO A MOBILE HOME PARK WHICH IS IN CLOSE PROXIMITY TO THE FACILITY, DOCUMENTED ALL FINDINGS WITH LOGNOTES AND PHOTOGRAPHS, AND COLLECTED SOIL SAMPLES. SUBSEQUENTLY THE TAT WAS DIRECTED TO PROVIDE THE AGENCY WITH A DETAILED TRIP REPORT DESCRIBING THEIR ACTIVITIES AND THE ANALYTICAL RESULTS. THE TAT COMPLETED THIS REPORT IN A TIMELY AND COMPETENT MANNER. REPRESENTING THE EPA IN A VERY PROFESSIONAL MANNER, THE TAT ACCOMPLISHED THE TASKS PROMPTLY AND EFFICIENTLY.

[ ] FORMAL REPORT
(X) LETTER REPORT
[ ] FORMAL BRIEFING
[ ] OTHER (SPECIFY)

3A. INTERIM COST TO DATE :	3B. ACTUAL DIRECT COST : $ 3295.33	ACTUAL TOTAL HOURS : 98
INTERIM HOURS TO DATE : 98	ESTIMATED ADMIN. : 2636.31	DATE OF ACTUAL COSTS: 11/04/94
DATE OF INTERIM AMOUNTS:	EST. COST TO CLOSURE: $ 5931.64	

4. DPO ACTION: (X) ACCEPTED [ ] ACCEPTED WITH EXCEPTIONS [ ] REJECTED

5. COMMENTS:

6. I CERTIFY THAT THE ATTACHED MATERIALS MEET AND COMPLY WITH ALL REQUIREMENTS OF THE SUBJECT TDD.

(TATL SIGNATURE)

7. DATE: 11/04/94

8. I ACKNOWLEDGE THAT I HAVE BEEN PROVIDED WITH THE MATERIALS AND SERVICES SPECIFIED IN THE SUBJECT TDD WITHIN ITS ORIGINAL OR REVISED TIME FRAMES.

Jacqueline Dendy

(AUTHORIZING DPO SIGNATURE)

9. DATE: 02/22/95

DRAFT DRAFT

1. COST CENTER: 04

ACKNOWLEDGEMENT OF COMPLETION
FOR TDD
TAT EMERGENCY RESPONSE
REMOVAL AND PREVENTION
Roy F. Weston
DRAFT

2. NO.: 04-9406-0017A
4989
5046

[ ] COMPLETE
[X] INTERIM

SITE NAME: EXIDE BATTERY SITE
MONITOR: DIXON, WARREN START/END DATES: 07/14/94 - 08/01/94
ESTIMATED HOURS: 95 ESTIMATED COST: 5985.00
TDD TYPE: 01 - SITE INVESTIGATIONS CERCLA 104(b)

3. RESPONSE: THE TAT WAS TASKED TO PERFORM A SITE ASSESSMENT AT EXIDE BATTERY, GREENVILLE COUNTY, SOUTH CAROLINA. WHILE ONSITE, THE TAT ASSESSED THE POTENTIAL FOR OFFSITE MIGRATION TO A MOBILE HOME PARK WHICH IS IN CLOSE PROXIMITY TO THE FACILITY, DOCUMENTED ALL FINDINGS WITH LOGNOTES AND PHOTOGRAPHS, AND COLLECTED SOIL SAMPLES. SUBSEQUENTLY THE TAT WAS DIRECTED TO PROVIDE THE AGENCY WITH A DETAILED TRIP REPORT DESCRIBING THEIR ACTIVITIES AND THE ANALYTICAL RESULTS. THE TAT COMPLETED THIS REPORT IN A TIMELY AND COMPETENT MANNER. REPRESENTING THE EPA IN A VERY PROFESSIONAL MANNER, THE TAT ACCOMPLISHED THE TASKS PROMPTLY AND EFFICIENTLY.

[ ] FORMAL REPORT
[X] LETTER REPORT
[ ] FORMAL BRIEFING
[ ] OTHER (SPECIFY)

3A. INTERIM COST TO DATE :
INTERIM HOURS TO DATE : 98
DATE OF INTERIM AMOUNTS:

3B. ACTUAL DIRECT COST :
ESTIMATED ADMIN. :
EST. COST TO CLOSURE:
ACTUAL TOTAL HOURS :
DATE OF ACTUAL COSTS:

4. DPO ACTION: [ ] ACCEPTED [ ] ACCEPTED WITH EXCEPTIONS [ ] REJECTED

5. COMMENTS:

6. I CERTIFY THAT THE ATTACHED MATERIALS MEET AND COMPLY WITH ALL REQUIREMENTS OF THE SUBJECT TDD.

(TATL SIGNATURE)

7. DATE: 08/12/94

8. I ACKNOWLEDGE THAT I HAVE BEEN PROVIDED WITH THE MATERIALS AND SERVICES SPECIFIED IN THE SUBJECT TDD WITHIN ITS ORIGINAL OR REVISED TIME FRAMES.

(AUTHORIZING DPO SIGNATURE)

9. DATE: / /

DRAFT DRAFT

5046

1. COST CENTER: 04	TAT - CONTRACT 68-W0-0036 TECHNICAL DIRECTION DOCUMENT (TDD) OHM EMERGENCY RESPONSE AND SPILL PREVENTION PROGRAM Roy F. Weston	2A. NO: 04-9406-0017A 2B. TYPE: 01 SITE INVESTIGATIONS CERC LA 104(b)

3A. PRIORITY:	4. SOURCE OF FUNDS:	5A. EPA SITE NAME:	6. COMPLETION DATE:	8. REFERENCE INFO:
[ ] HIGH (1) [X] MEDIUM (2) [ ] LOW (3) 3B. EPA CONTACT: DIXON, WARREN	[X] CERCLA (1) [ ] 311/AOPA (2) [ ] UST (3) [ ] FEMA (4) [ ] CEPP (5) [ ] N/A (6) [ ] TAT/FIT (7) [ ] ENFORCE (8)	EXIDE BATTERY SITE 5B. CITY / COUNTY / ST Greer / Greenville / SC 5C. SSID #: 5D. CERCLIS ID:	08/01/94 7. OVERTIME APPROVED [X] YES [ ] NO	[ ] YES [X] NO [ ] ATTACHED [ ] PICK UP

9A. GENERAL TASK DESCRIPTION: Collect soil samples within trailer park near Exide Battery Site.

9B. ESTIMATED COST: $ 0.00 — ESTIMATED HOURS: 0
CUMULATIVE COST: 5985.00 (Cumulative cost/hours includes this amendment) — CUMULATIVE HOURS: 95

10. SPECIFIC ELEMENTS:	11. INTERIM DEADLINES:
Conduct Sampling Surveys for Soil	/ /
Document On-Site Activities	/ /
Document Release	/ /
Document Site Conditions with Still Camera	/ /
Prepare Draft Report	/ /
Prepare Safety Plan	/ /
Prepare Sampling Plan	/ /
Prepare Site Sketch/Map	/ /
Respond to Site	06/29/94

12. DESIRED REPORT FORM: FORMAL REPORT [ ] LETTER REPORT [X] FORMAL BRIEF [ ]

OTHER (SPECIFY):

13. COMMENTS: Report of sampling event with analytical results due 7/18/94.
Amended to extend completion date to fininsh work.

14. AUTHORIZING DPO: GODFREY, ANNIE — VERBAL DATE: / / — 15. DATE: 07/18/94

Jacqueline Dendy for
(SIGNATURE)

16. RECEIVED BY: DOYLE, WILLIAM RAY — 17. DATE: 07/26/94

[X] ACCEPTED [ ] ACCEPTED WITH EXCEPTIONS [ ] REJECTED

[Y] COI CHECKED - NO APPARENT COI

(TATL SIGNATURE)

18. DESCRIPTOR:

5046

1. COST CENTER: 04	TAT - CONTRACT 68-W0-0036 TECHNICAL DIRECTION DOCUMENT (TDD) OHM EMERGENCY RESPONSE AND SPILL PREVENTION PROGRAM Roy F. Weston	2A. NO: 04-9406-0017A 2B. TYPE: 01 SITE INVESTIGATIONS CERC LA 104(b)

3A. PRIORITY:	4. SOURCE OF FUNDS:	5A. EPA SITE NAME:	6. COMPLETION DATE:	8. REFERENCE INFO:
[ ] HIGH (1) [X] MEDIUM (2) [ ] LOW (3) 3B. EPA CONTACT: DIXON, WARREN	[X] CERCLA (1) [ ] 311/AOPA (2) [ ] UST (3) [ ] FEMA (4) [ ] CEPP (5) [ ] N/A (6) [ ] TAT/FIT (7) [ ] ENFORCE (8)	EXIDE BATTERY SITE 5B. CITY / COUNTY / ST Greer / Greenville / SC 5C. SSID #: 5D. CERCLIS ID:	08/01/94 7. OVERTIME APPROVED [X] YES [ ] NO	[ ] YES [X] NO [ ] ATTACHED [ ] PICK UP

9A. GENERAL TASK DESCRIPTION: Collect soil samples within trailer park near Exide Battery Site.

9B. ESTIMATED COST: $ 0.00 — ESTIMATED HOURS: 0
CUMULATIVE COST: 5985.00 (Cumulative cost/hours includes this amendment) — CUMULATIVE HOURS: 95

10. SPECIFIC ELEMENTS:	11. INTERIM DEADLINES:
Conduct Sampling Surveys for Soil	/ /
Document On-Site Activities	/ /
Document Release	/ /
Document Site Conditions with Still Camera	/ /
Prepare Draft Report	/ /
Prepare Safety Plan	/ /
Prepare Sampling Plan	/ /
Prepare Site Sketch/Map	/ /
Respond to Site	06/29/94

12. DESIRED REPORT FORM: FORMAL REPORT [ ] LETTER REPORT [X] FORMAL BRIEF [ ]

OTHER (SPECIFY):

13. COMMENTS: Report of sampling event with analytical results due 7/18/94.
Amended to extend completion date to fininsh work.

14. AUTHORIZING DPO: GODFREY, ANNIE — VERBAL DATE: / / — 15. DATE: 07/18/94

(SIGNATURE)

16. RECEIVED BY: DOYLE, WILLIAM RAY — 17. DATE: 07/26/94

[X] ACCEPTED [ ] ACCEPTED WITH EXCEPTIONS [ ] REJECTED

[Y] COI CHECKED - NO APPARENT COI

(TATL SIGNATURE)

18. DESCRIPTOR:

PROJECT COMPLETION CHECKLIST

GENERAL INFORMATION:

TDD # 04-9406-0017-4989 -98
A 5046
B
C
D
E

SITE NAME: Exide Battery

CITY/STATE: Greer, S.C.

TAT # 0547

DATE DUE 7/31/94

DATE COMPLETED 8/12/94

ESTIMATED HOURS 100 HRS

HOURS USED 98

TAT P.O. Ann Roat

ALTERNATE Mike Hill / Terry Ryland

TDD SPECIFIC INFORMATION:

	TAT P.O. CHECK	QA/QC FILE CHECK
AOC/POR	ar	
SITE DIAGRAMS	ar	
PA FORM	N/A	
PHOTOS	ar	
LOGNOTES	ar	
TABLE OF WITNESS	ar	
SAFETY PLAN	ar	
SAMPLING PLAN	N/A	

QA/QC INFORMATION: (initial)

W.P. 7/27

P.O.

QA/QC 7/27/94

W.P.

TATL 8-2-94

QA/QC FILE CHECK Crook 3/22/95

COMMENTS:

OPTIONAL INFORMATION AS PER TDD REQUIREMENTS

SAMPLE DATA ( )

CHAIN-OF-CUSTODY ( )

POLREPS ( )

N/A

OTHER (Specify):

WESTON
MANAGERS DESIGNERS/CONSULTANTS
Building 300, Suite 325
1575 Northside Drive, N.W., Atlanta, Georgia 30318-4208
404-352-4147 • Fax 404-352-0659

TECHNICAL ASSISTANCE TEAM FOR EMERGENCY RESPONSE REMOVAL AND PREVENTION
EPA CONTRACT 68-WO-0036

MEMORANDUM

TO: Warren Dixon, OSC
EPA, Region IV

FROM: Ann Roat
TAT, Region IV

THRU: William R. Doyle
TATL, Region IV

SUBJECT: Exide Battery Site Investigation
Greer, Greenville County, South Carolina
TDD #04-9406-0017-4989
0017A-5046
TAT #04-F-01347

DATE: 03 August 1994

SITUATION

This report has been prepared in accordance with the requirements of Technical Direction Document (TDD) #04-9406-0017, assigned to the Roy F. Weston, Incorporated Technical Assistance Team (TAT), by the U.S. Environmental Protection Agency (EPA).

The overall scope of this TDD was to sample areas of the Westgate Mobile Home Park and other residential areas in close proximity to the Exide Battery facility. This trailer park is located behind Highway 29, off of Old Chick Springs Road and consists of 50 mobile homes. The Exide Battery facility, which is approximately 180 feet to the west of the trailer park, is contracted by numerous different companies to make batteries. They have four air monitoring stations around the plant and each quarter of the year Exide sends the results to the South Carolina Department of Health and Environmental Control (DHEC). The results of air monitoring have not been above the DHEC legal limits so far although, the facility has noted groundwater contamination. According to a map acquired from DHEC, there are 24 monitoring wells for continuous use, 16 capped wells, 9 recovery wells, and 6 surface water monitoring stations to monitor this situation. This Exide plant may also have illegally dumped contaminated soil sometime between 1987-1989 and the Federal Bureau of Investigation (FBI) may be involved in an investigation of this allegation.

It was felt the Westgate Trailer Park may possibly have been contaminated by fugitive emissions of lead dust from baghouses in areas where solid lead is melted down in Exide's manufacturing process. This lead dust is thought to have been released into the atmosphere where the particles eventually settled into the trailer park and in surrounding areas. The Technical Assistance Team (TAT) was tasked by the Region IV On-Scene Coordinator (OSC) Warren Dixon, to perform a site investigation for this area which included site documentation, soil sampling, and appropriate diagrams.

SUMMARY

On 28 June 1994, TAT members Roat, Hill, and Ryland mobilized to the Exide Battery site in Greenville County, South Carolina to meet OSC Warren Dixon and the Department of Health and Environmental Control (DHEC) Mike Klender and Carol Minsk. The purpose of this investigation was to document site conditions and obtain samples at the Westgate Mobile Home Park which is a residential area that is in close proximity to commercial areas. Upon arrival onsite, the TAT met with OSC Dixon and DHEC's as Klender and Minsk to survey the area and decide where the samples would be taken. After a perimeter reconnaissance, the OSC, and DHEC representatives went with the TAT to meet with Bobby Byars, a resident who had called and was concerned about the property at 103 Bent Creek Road. This property and three other yards on Bent Creek Road west of the Exide facility were sampled by a contractor representing Exide Battery in 1986 and Mr. Byars had requested that his yard be resampled at this time.

A total of fifty-five samples were taken from the Westgate Trailer Park and at the Bent Creek Road residence. The OSC tasked the TAT to take grab samples; the areas sampled consisted of two grab samples each, one taken at 0-3 inches and one taken at 9-12 inches. Upon successful completion of sampling and all other required tasks, all TAT personnel demobilized from the site and returned to the TAT office the following day.

CONCLUSION

The Westgate Mobile Trailer Park adjacent to the Exide Battery facility was assessed and samples were obtained from the areas of concern. These soil samples were submitted to ETC, Gulf South Laboratory, a TAT contracted laboratory, for total lead analysis. According to the analytical results received, six areas were above the level of 500 parts per million (ppm) as seen in the table below:

WG-20	WG-46	WG-47	WG-48	WG-49	WG-50
605 ppm	1670 ppm	649 ppm	2110 ppm	551 ppm	1190 ppm

Figure 1A graphically depicts the above sample locations.

Any EPA future action on the Westgate Trailer Park adjacent to Exide Battery will be pending upon the OSC's review of the report and analytical data.

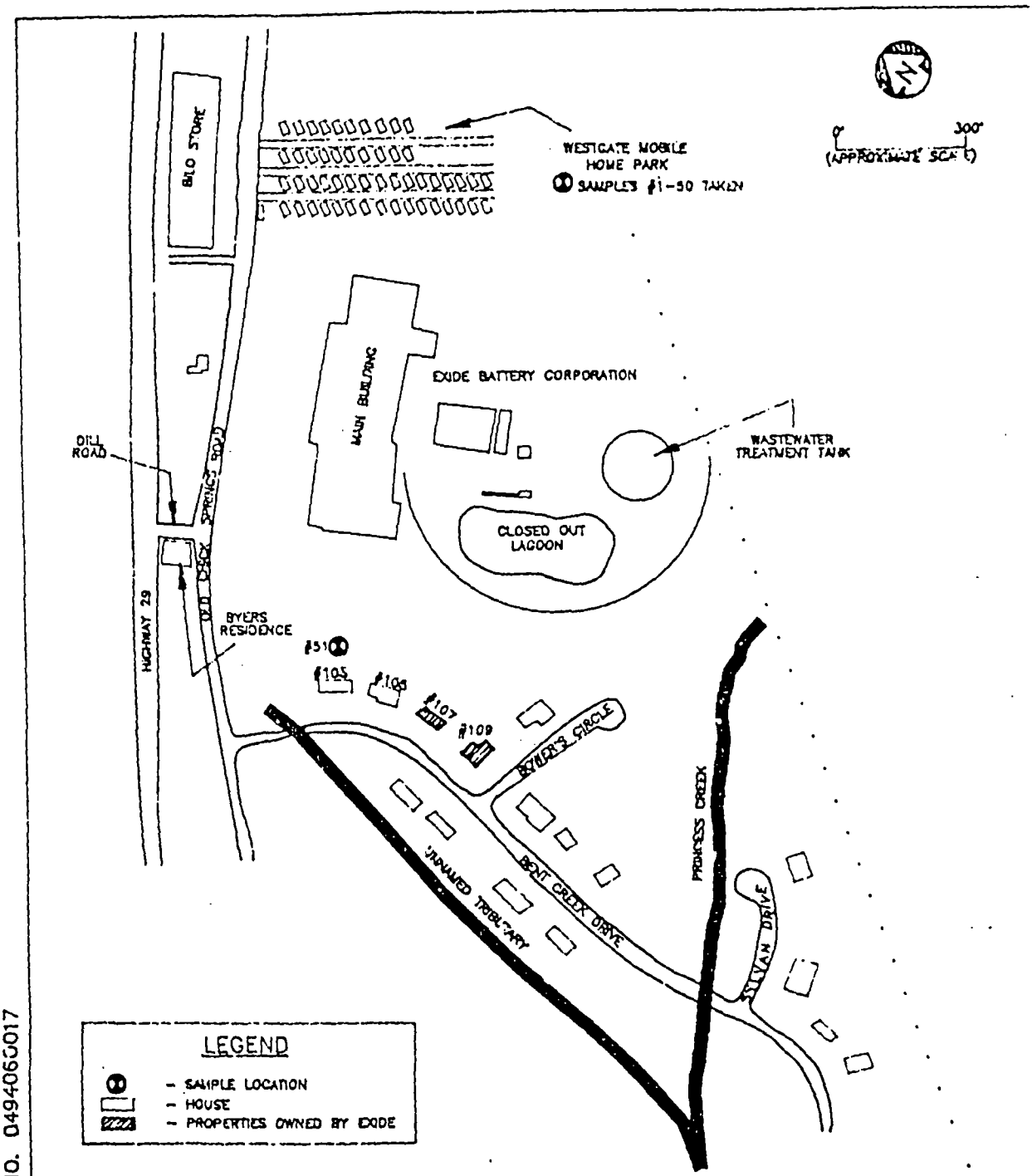
ATTACHMENTS

Figures 1-3 Maps & Sketches

Attachment
- A - Photographs
- B - Log Notes
- C - Table of Witnesses
- D - Site Safety Plan
- E - Analytical Data

FIGURE 1

General Site Map



PLT. SC. N/A FILE NO. 0494060017

ENVIRONMENTAL PROTECTION AGENCY
ERRB – REGION IV
OSC WARREN DIXON

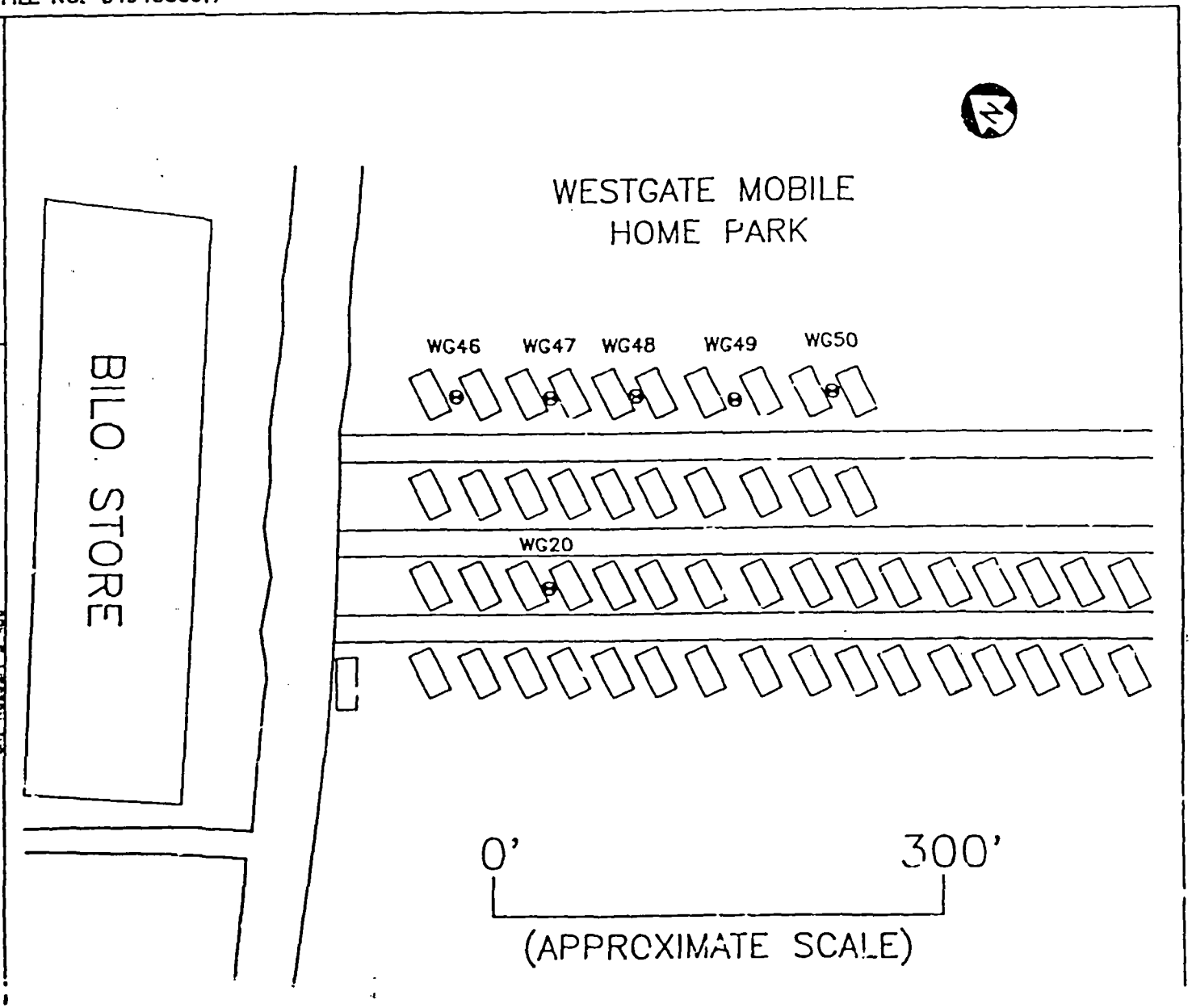
EXIDE BATTERY
GENERAL SITE DIAGRAM

FIGURE #1

ROY F. WESTON, INC.
WESTON
MANAGERS DESIGNERS/CONSULTANTS

DRAWN BY	DATE	DES. ENG.	DATE	V. D. NO.
EAM	7/21/94			4989
CHECKED BY	DATE	APPROVED	DATE	DWG. NO.
				1

PLT. SC. N/A FILE NO. 0494060017



ENVIRONMENTAL PROTECTION AGENCY
ERRB – REGION IV
OSC WARREN DIXON

EXIDE BATTERY
GENERAL SITE DIAGRAM

FIGURE #1A

DRAWN BY EAM	DATE 7/21/94	MANAGER DEPT. ENGR.	DATE	V.O. NO. 4969
CHECKED BY	DATE	APPROVED	DATE	DWG. NO. 1

ROY F. WESTON INC.
WESTON
DESIGNERS/CONSULTANTS

FIGURE 2

Area Location Map

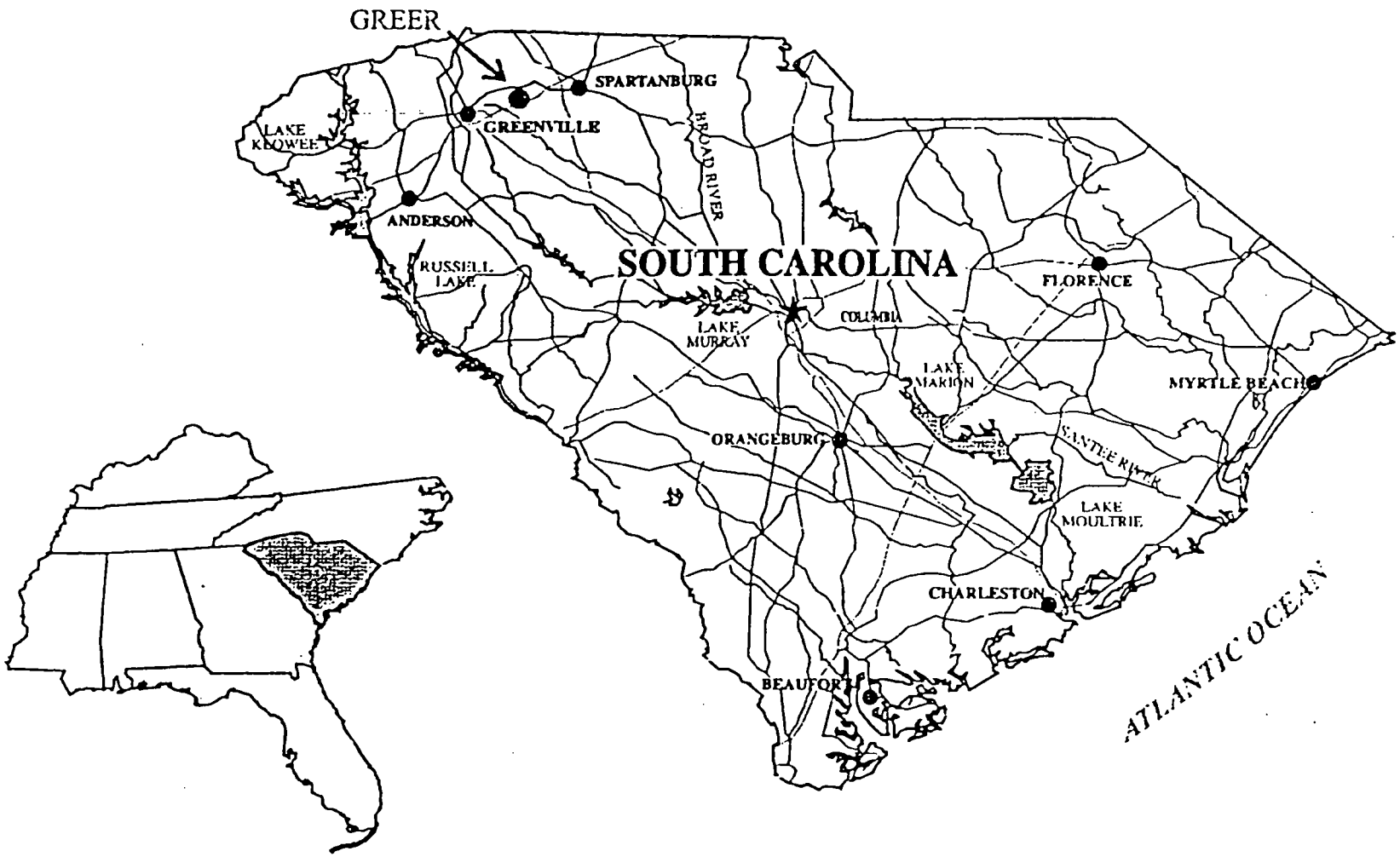


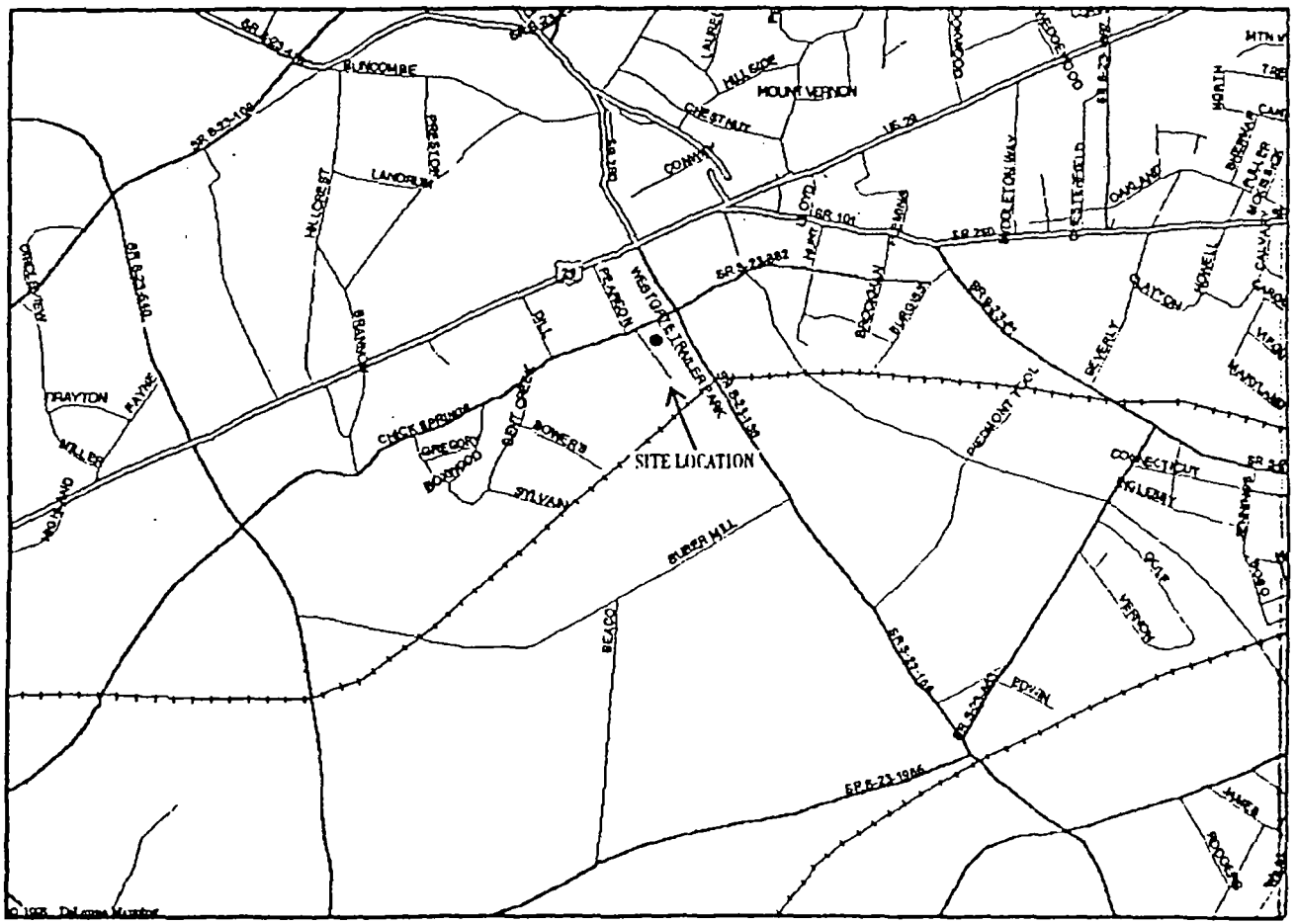
FIGURE # 1
EXIDE BATTERY SITE
GREER, GREENVILLE COUNTY, SOUTH CAROLINA
TDD #04-9406-0017
GENERAL SITE LOCATION DIAGRAM

WESTON MAJOR PROGRAMS DIVISION

FIGURE 3

Site Diagram

FIGURE # 2



WESTON MAJOR PROGRAMS DIVISION

REGION IV TECHNICAL ASSISTANCE TEAM

SITE LOCATION DIAGRAM
EXIDE BATTERY SITE
GREER, GREENVILLE CO., SOUTH CAROLINA
TDD# 04-9406-0017

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
EPA REGION IV
OIL AND HAZARDOUS SUBSTANCES
EMERGENCY RESPONSE AND REMOVAL BRANCH

ATTACHMENT A

Photographs

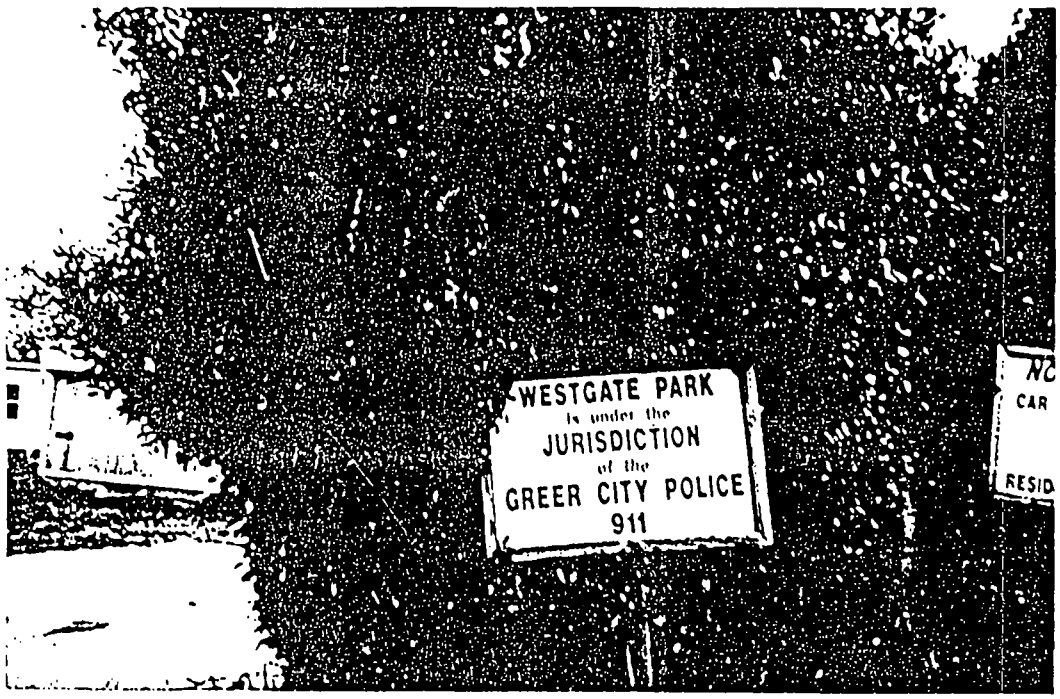


PHOTO #1
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: View of Entrance to Westgate Trailer Park which is adjacent to Exide Battery.
Location: Exide Battery, Greer, Greenville Co., S.C.
Photographer: A. Roat Witness: M. Hill/T. Ryland
Date: 06/29/94 Film: 35mm ASA: 100
TDD Number: 04-9406-0017
Location of Negatives: Atlanta TAT Office

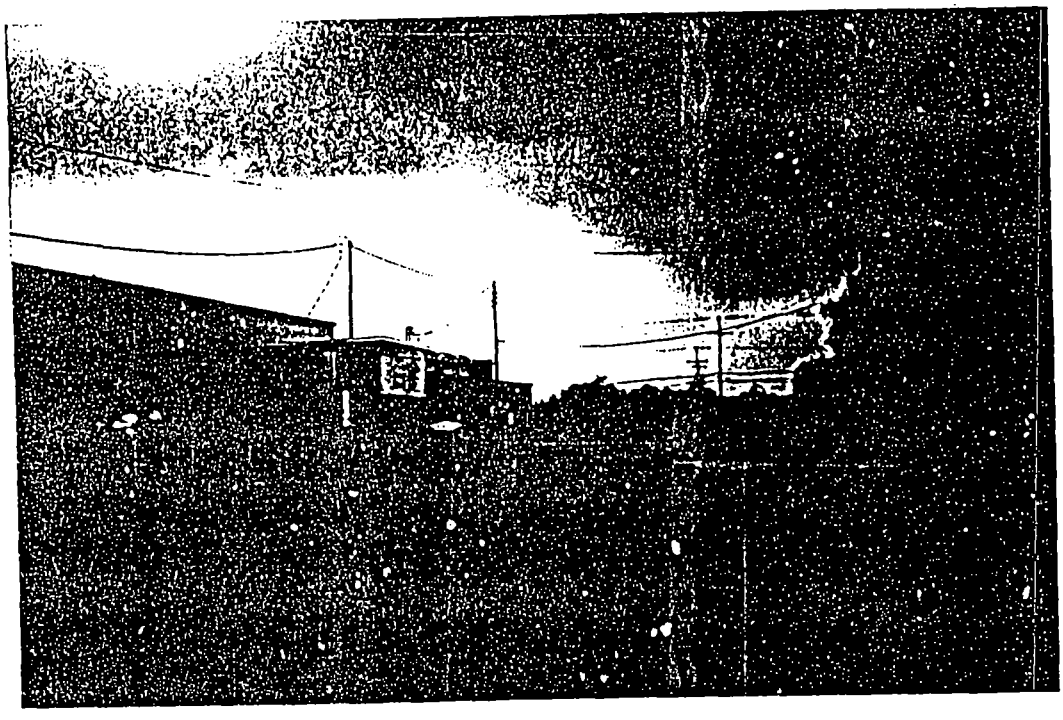


PHOTO #2
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Rear view of BI-LO grocery store and it's proximity to the Westgate Trailer Park.
Location: Exide Battery, Greer, Greenville Co., S.C.
Photographer: A. Roat Witness: M. Hill/T. Ryland
Date: 06/29/94 Film: 35mm ASA: 100
TDD Number: 04-9406-0017
Location of Negatives: Atlanta TAT Office

PHOTO #3
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: View of West side of Westgate Trailer Park.
Location: Exide Battery, Greer, Greenville Co., S.C.
Photographer: A. Roat Witness: M. Hill/T. Ryland
Date: 06/29/94 Film: 35mm ASA: 100
TDD Number: 04-9406-0017
Location of Negatives: Atlanta TAT Office

PHOTO #4
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: View of front end of the west side of trailer park.
Location: Exide Battery, Greer, Greenville Co., S.C.
Photographer: A. Roat Witness: M. Hill/T. Ryland
Date: 06/29/94 Film: 35mm ASA: 100
TDD Number: 04-9406-0017
Location of Negatives: Atlanta TAT Office

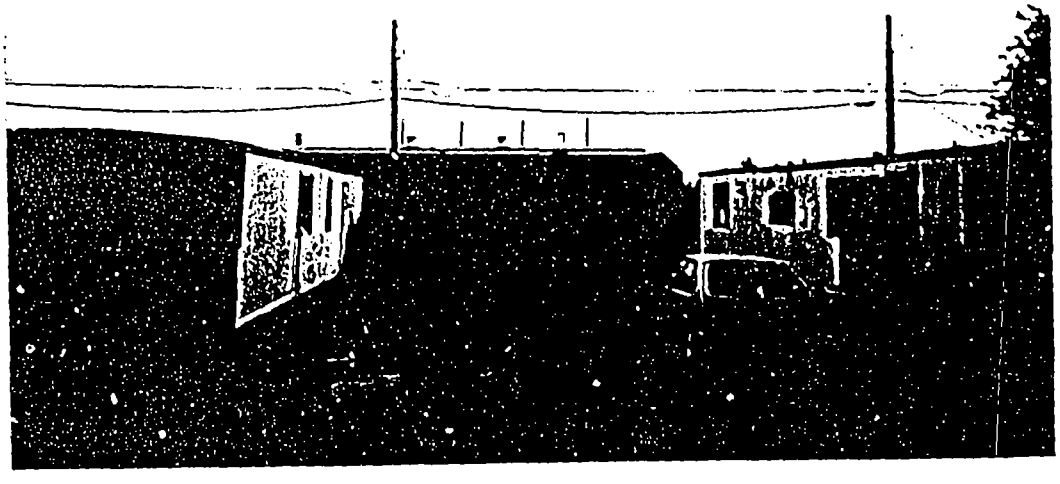


PHOTO #5
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: View of proximity of Exide Battery facility to the west side of the Westgate Trailer Park.
Location: Exide Battery, Greer, Greenville Co., S.C.
Photographer: A. Roat Witness: M. Hill/T. Ryland
Date: 06/29/94 Film: 35mm ASA: 100
TDD Number: 04-9406-0017
Location of Negatives: Atlanta TAT Office

PHOTO #6
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: View of back end of Westgate Trailer Park.
Location: Exide Battery, Greer, Greenville Co., S.C.
Photographer: A. Roat Witness: M. Hill/T. Ryland
Date: 06/29/94 Film: 35mm ASA: 100
TDD Number: 04-9406-0017
Location of Negatives: Atlanta TAT Office

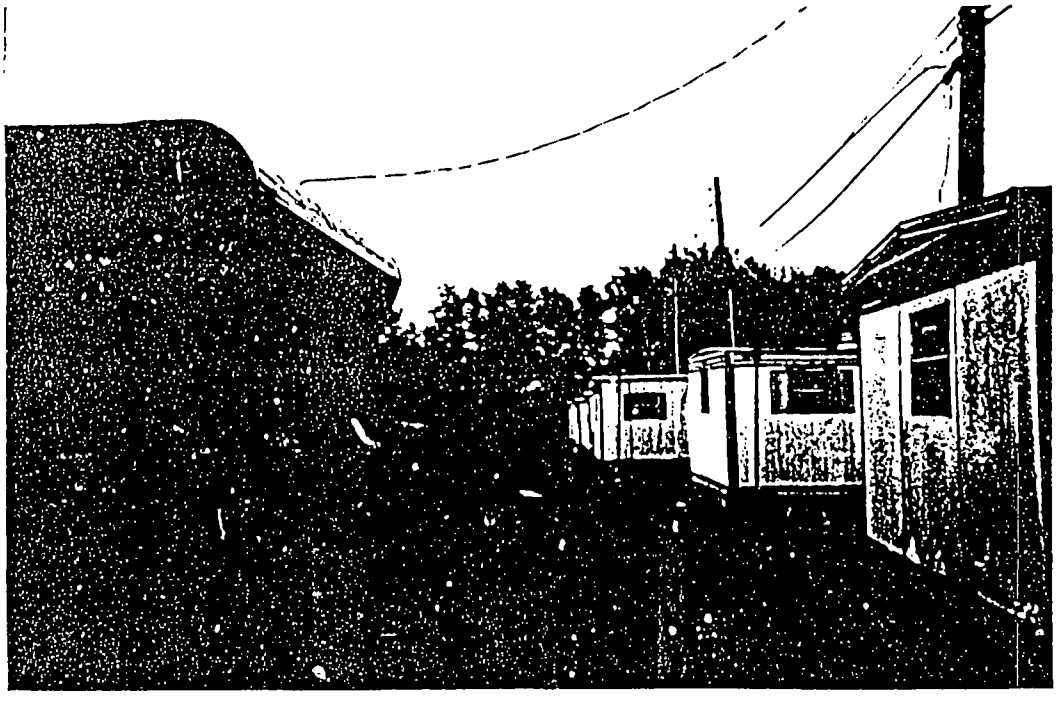


PHOTO #7
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: View of left side of west end of trailer park.
Location: Exide Battery, Greer, Greenville Co., S.C.
Photographer: A. Roat Witness: M. Hill/T. Ryland
Date: 06/29/94 Film: 35mm ASA: 100
TDD Number: 04-9406-0017
Location of Negatives: Atlanta TAT Office

PHOTO #8
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: View of back end of east side of trailer park.
Location: Exide Battery, Greer, Greenville Co., S.C.
Photographer: A. Roat Witness: M. Hill/T. Ryland
Date: 06/29/94 Film: 35mm ASA: 100
TDD Number: 04-9406-0017
Location of Negatives: Atlanta TAT Office

PHOTO #9
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: View of division between the west and east sides of the Westgate Trailer Park.
Location: Exide Battery, Greer, Greenville Co., S.C.
Photographer: A. Roat Witness: M. Hill/T. Ryland
Date: 06/29/94 Film: 35mm ASA: 100
TDD Number: 04-9406-0017
Location of Negatives: Atlanta TAT Office

PHOTO #10
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: View of proximity of commercial neighborhood to the east side entrance of the trailer park.
Location: Exide Battery, Greer, Greenville Co., S.C.
Photographer: A. Roat Witness: M. Hill/T. Ryland
Date: 06/29/94 Film: 35mm ASA: 100
TDD Number: 04-9406-0017
Location of Negatives: Atlanta TAT Office

PHOTO #11
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: View of east side of Westgate Trailer Park.
Location: Exide Battery, Greer, Greenville Co., S.C.
Photographer: A. Roat Witness: M. Hill/T. Ryland
Date: 06/29/94 Film: 35mm ASA: 100
TDD Number: 04-9406-0017
Location of Negatives: Atlanta TAT Office

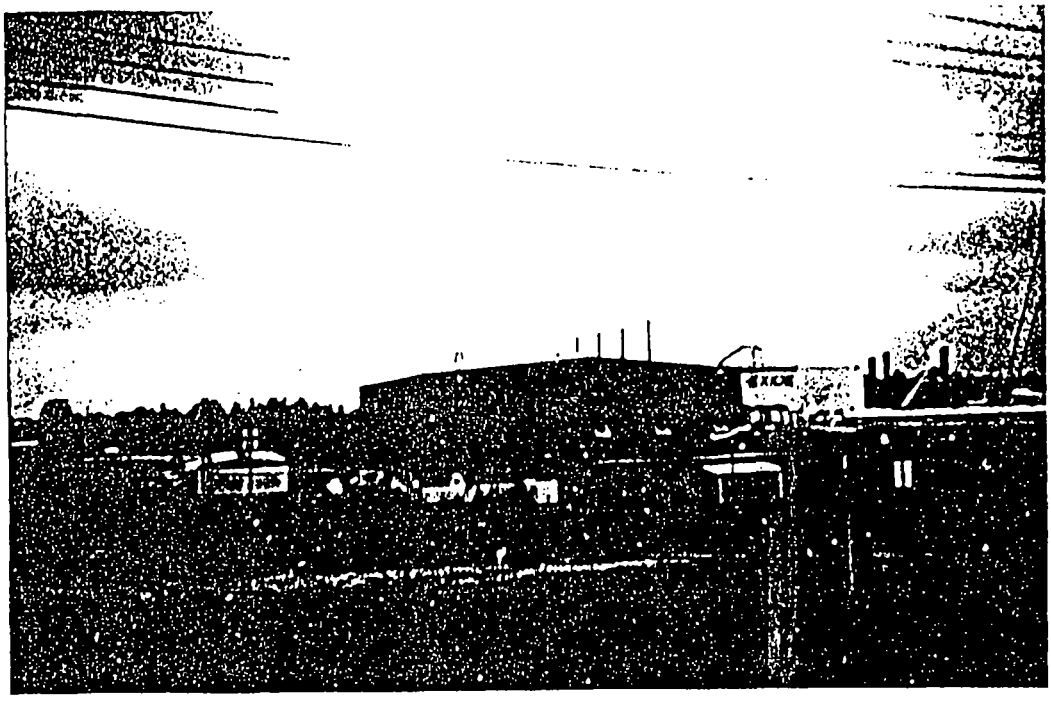


PHOTO #12
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: View of east end of Exide Battery facility.
Location: Exide Battery, Greer, Greenville Co., S.C.
Photographer: A. Roat Witness: M. Hill/T. Ryland
Date: 06/29/94 Film: 35mm ASA: 100
TDD Number: 04-9406-0017
Location of Negatives: Atlanta TAT Office

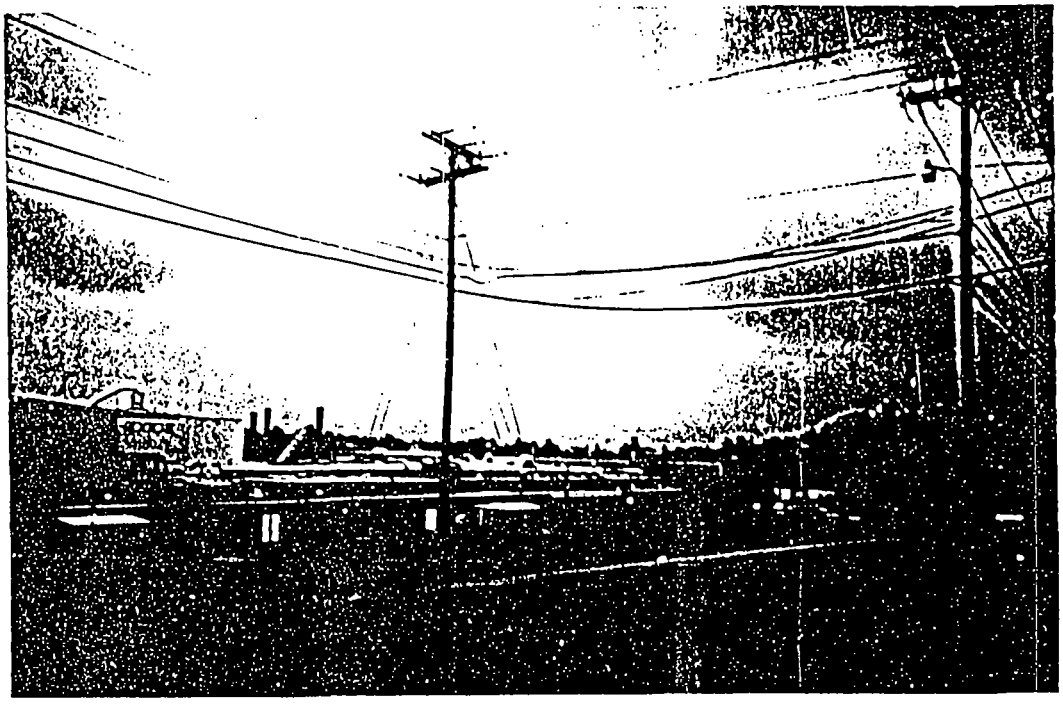


PHOTO #13
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: View of west end of Exide Battery facility.
Location: Exide Battery, Greer, Greenville Co., S.C.
Photographer: A. Roat Witness: M. Hill/T. Ryland
Date: 06/29/94 Film: 35mm ASA: 100
TDD Number: 04-9406-0017
Location of Negatives: Atlanta TAT Office

PHOTO #14
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: View of Byars' residence in front of Exide Battery facility.
Location: Exide Battery, Greer, Greenville Co., S.C.
Photographer: A. Roat Witness: M. Hill/T. Ryland
Date: 06/29/94 Film: 35mm ASA: 100
TDD Number: 04-9406-0017
Location of Negatives: Atlanta TAT Office

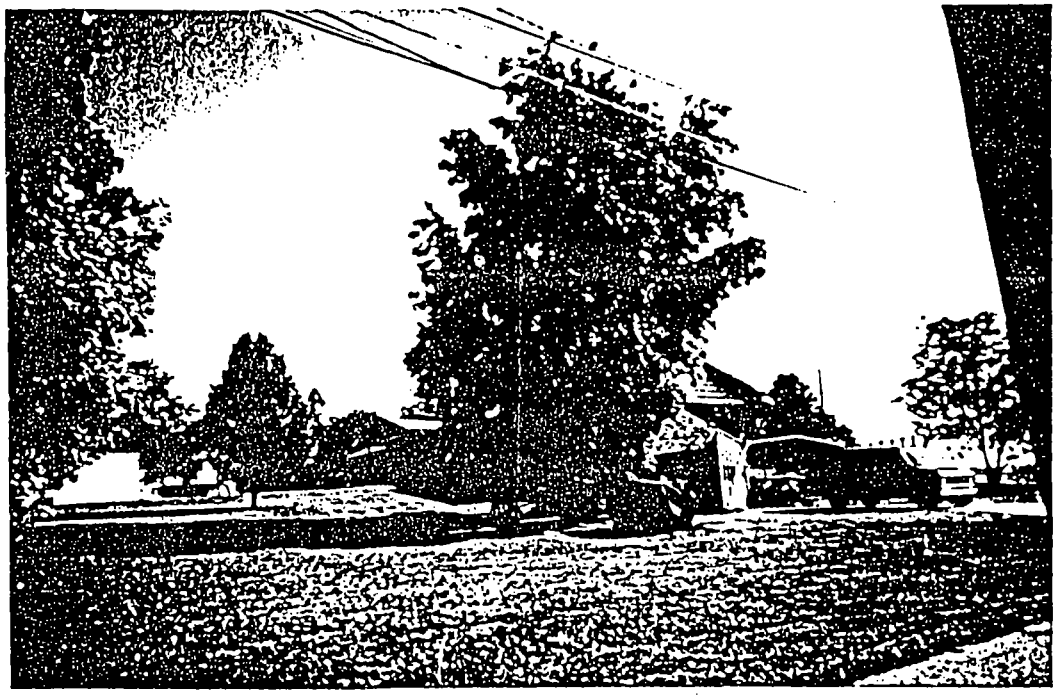


PHOTO #15
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Side view of Byars' residence from Chick Spring Road.
Location: Exide Battery, Greer, Greenville Co., S.C.
Photographer: A. Roat **Witness:** M. Hill/T. Ryland
Date: 06/29/94 **Film:** 35mm **ASA:** 100
TDD Number: 04-9406-0017
Location of Negatives: Atlanta TAT Office

PHOTO #16
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Rear view of Byars' residence from Bent Creek Road.
Location: Exide Battery, Greer, Greenville Co., S.C.
Photographer: A. Roat Witness: M. Hill/T. Ryland
Date: 06/29/94 Film: 35mm ASA: 100
TDD Number: 04-9406-0017
Location of Negatives: Atlanta TAT Office

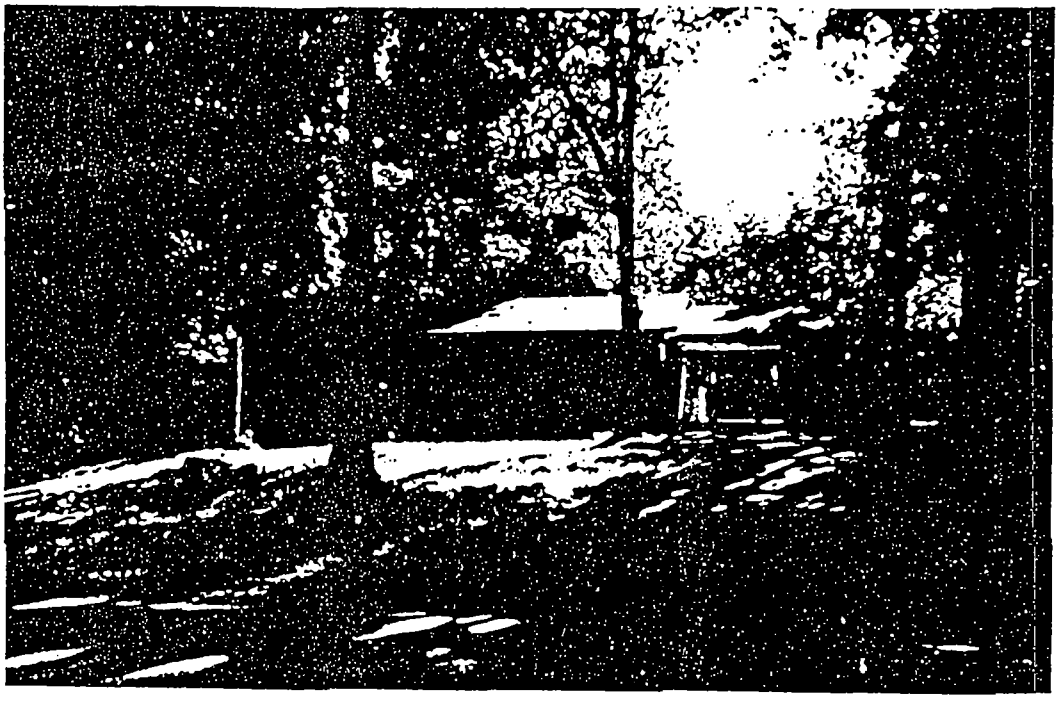


PHOTO #17
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: View of residence owned by Byars which is to the west of the Exide Battery facility on Bent Creek Rd.
Location: Exide Battery, Greer, Greenville Co., S.C.
Photographer: A. Roat **Witness:** M. Hill/T. Ryland
Date: 06/29/94 **Film:** 35mm **ASA:** 100
TDD Number: 04-9406-0017
Location of Negatives: Atlanta TAT Office

PHOTO #18
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: View of residences on Bent Creek Road owned by Exide Battery and is located near house that was sampled.
Location: Exide Battery, Greer, Greenville Co., S.C.
Photographer: A. Roat Witness: M. Hill/T. Ryland
Date: 06/29/94 Film: 35mm ASA: 100
TDD Number: 04-9406-0017
Location of Negatives: Atlanta TAT Office

PHOTO #19
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: View of back yard of Bent Creek Road residence.
Location: Exide Battery, Greer, Greenville Co., S.C.
Photographer: A. Roat Witness: M. Hill/T. Ryland
Date: 06/29/94 Film: 35mm ASA: 100
TDD Number: 04-9406-0017
Location of Negatives: Atlanta TAT Office

PHOTO #20
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: View of area sampled in back yard of Bent Creek Road residence.
Location: Exide Battery, Greer, Greenville Co., S.C.
Photographer: A. Roat Witness: M. Hill/T. Ryland
Date: 06/29/94 Film: 35mm ASA: 100
TDD Number: 04-9406-0017
Location of Negatives: Atlanta TAT Office

ATTACHMENT B

Log Notes

28 ~~January~~ June 1994 Tuesday
87°F Cloudy Hot and humid
Thunderstorms.

1430 TAT's Buland, Rostan and [illegible] mobilize to Exide Battery Site in ~~Spartanburg~~ Greenville South Carolina.

1800 TAT's arrive at Motel [illegible] checking out location of site and its surroundings.

~~Ann Scott~~

29 ~~January~~ June 1994, Wednesday
High of 90's today, Chance of rain and thunderstorms later today.

0800 mobilize to site to meet OSC Warren Dixon and possibly South Carolina State Department of Health and Environmental Concerns Inc.

0855 TAT's onsite.

0900 met w/ DHEC Kendel and Minsk and OSC Dixon measuring and putting flags down now for samples.

~~50 samples~~ are to be taken in trailer park. 1 sample will be taken at a residence off of Bent Creek Road which is located behind the Exide Battery facility. TAT will be taking four samples (0-3 inches) and four areas will have two samples of (0-3 inches and 9-12 inches).

Our numbering system will be using "WG" standing for Westgate Trailer Park.

1000 Finished marking trailer parts. Now will go see a resident who wants his land sampled.

1005 TAT Root talks with DHEC Minsk about background of site. Exide Battery ~~Year~~ makes batteries for companies under contract. Such as for Sears. They have 4 air monitoring stations around the plant. Each quarter of year they send results to DHEC. No result has been above the legal limits so far. Exide Battery does have a problem with groundwater contamination. The Exide Company might also have had illegal dumping of contaminated soil in the past around 1987 or to 1989. The FBI may be involved.

Lead Dust that has possibly contaminated the trailer park is possibly from areas called bag houses where solid lead is melt down. These work areas are then pumped of indoor lead dust and put in atmosphere where the dust possibly settled eventually in the trailer park and surrounding areas.

1020 ~~Talked to~~ Op. Cand. DHEC ~~talke~~ talked to [redacted]

108 Dill Avenue, GREER, S.C. 29650 owns land beside Exide Battery 103 Bent Creek Road wants yard sampled. This yard including yards next to it were sampled in 1986 by Exide Battery.

1055 Finished checkout of 103 Bent Creek Rd. Returned to trailer park.

1115 Went to store for supplies for sampling.

1145 Lunch.

1215 Went to store for more supplies.

1235 TAT's prepare decontamination area and begin sampling.

1245 TAT Root takes pictures of area and then decontaminates equipment while TAT Ryland and Hill take samples.

1532 TAT finishes sampling at trailer park will go now to Bent Creek Road house to take sample in backyard.

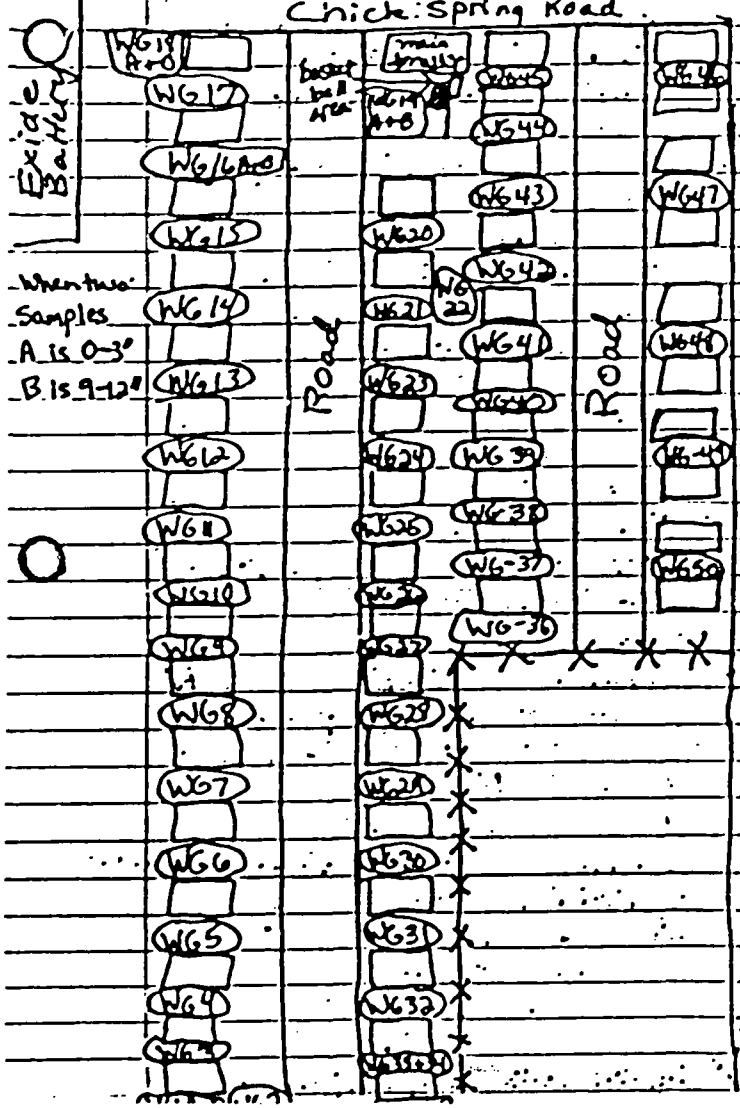
1540 Finish taking last sample. Will go now to hotel to perform chain of custody lab packaging to send to E.T.C. lab in New Orleans, Louisiana. Also stopped to get ~~fermiculite~~ vermiculite for packaging. Had a hard time finding the vermiculite so got back to hotel later than ~~thought~~ we planned.

1630 Back at hotel.

1635 TAT Root works on ~~rip~~ fisite.

[redacted]

Map #1
Westgate Trailer Park
Bi-Lo Store
Chick Spring Road



When two samples
A is 0-3"
B is 9-12"

1830 TAT Roat finishes map.
Ann E Roat

30 June 1994, Thursday.
Clear, High of 80's.

0830 on 0730 TAT Ryland ~~and~~ Hill start tagging samples to send to lab in New Orleans, Louisiana called E.T.C.

0840 TAT Roat goes to site to take additional pictures of surrounding areas and to find DHEC personnel to ~~see~~ or retrieve a map of Westgate Trailer Park from them.

0900 TAT Roat on site but no DHEC personnel present. TAT takes pictures and makes one last round of site and then returns to hotel.

1100 Samples finished packaging and Federal Express is called to pick up.

1105 TAT ms leave hotel for Atlanta TAT office.

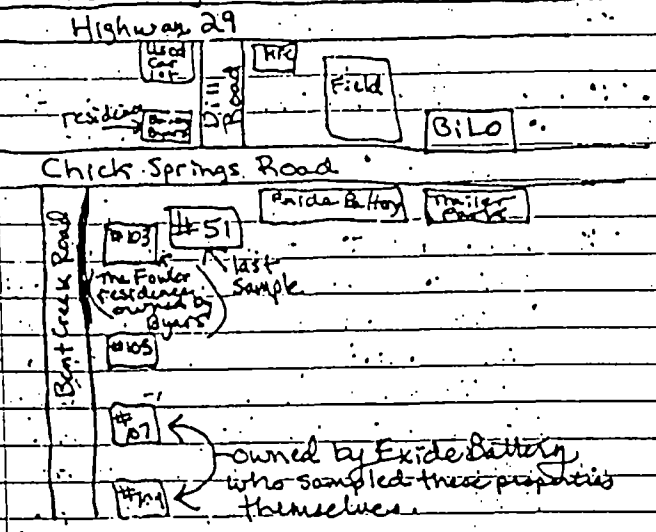
1340 TAT ms arrive at office and unload truck.

1600 TAT Roat calls DHEC Carol Minsk to acquire a map of site from them. She will send as soon as possible. Ann E Roat

Map #2

Bent Creek Road Residence

Exide Battery had these sampled in 1986.



Ann E. Rand
6/30/94

ATTACHMENT D

Safety Plan

WEST N MAJOR PROGRAMS DIV ION

HEALTH AND SAFETY PLAN

EMERGENCY RESPONSE / SITE INVESTIGATION

TDD No. 9406-0017 Site Name: Exide Battery

Site Address: Street No. Hwy 290

City Greer

County/State Spartanburg, SC.

Site Contact / Phone No.: Warren Dixon (404) 347-3731

Directions to Site:(Att.Map) From Atlanta, go North on I-85 until exit 63 in SC. Take 290 West through Duncan towards Greer. After approx 7 miles turn left at Ripley Station Road then make next right onto Old Chick Springs Rd. Travel blocks on left turn left into entrance of trailer

Historical/Current Site Information:

Site is a residential trailer park located near Exide Battery, a battery cracking facility.

Incident Type:
( ) Air Release -
( ) Spill -
( ) Fire -
(X) HW Site - Site Investigation

Location Class : ( ) Industrial ( ) Commercial (✓) Urban/Residential ( ) Rural

USEPA Contact: Warren Dixon Date of Initial Site Activities: 6/29/94

Original HASP: Yes ✓ Modification Number: ____

Lead TAT: Root Site Health & Safety Coordinator: ____

Response Activities/Duration (fill in as applicable and time duration)

Emergency Response:
( ) Documentation: ____
( ) Perimeter Recon: ____
( ) Site Entry: ____
( ) Multi-media Sampling: ____
( ) Hazard Categorization: ____
( ) Decontamination: ____

Assessment/PRP Monitoring:
(✓) Documentation: ____
(✓) Perimeter Recon. ____
(✓) Site Entry ____
(✓) Multi-media Sampling: Soil
( ) Hazard Categorization: ____
(✓) Decontamination: ____

Physical Safety Hazards to Personnel

(✓) Heat ( ) Cold ( ) Precipitation ( ) Confined Space ( ) Terrain
( ) Walking/Working Surfaces ( ) Fire & Explosion ( ) Oxygen Deficiency
( ) Underground Utilities ( ) Overhead Utilities ( ) Heavy Equipment
( ) Unknowns in Drums, Tanks, Containers ( ) Ponds, Lagoons, Impoundments
( ) Rivers, Streams ( ) Pressurized Containers, Systems ( ) Noise
( ) Illumination ( ) Nonionizing Radiation ( ) Ionizing Radiation

Biological Hazards to Personnel

( ) Infectious/Medical/Hospital Waste (✓) Non-domesticated Animals (✓) Insects
( ) Poisonous Plants/Vegetation ( ) Raw Sewage

Training Requirements

(✓) 40 Hour General Site Worker Course with three days supervised experience.
( ) 24 Hour Course for limited, specific tasks with one day supervised experience.
( ) 24 Hour Course for Level D Site with one day supervised experience.
(✓) 8 Hour Annual Refresher Health and Safety Training.
( ) 8 Hour Management/Supervisor Training in addition to basic training course.
( ) Site Specific Health and Safety Training.
( ) Pre-entry training for emergency response skilled support personnel.

Medical Surveillance Requirements

(✓) Baseline initial physical examination with physician certification.
(✓) Annual medical examination with physician certification.
( ) Site Specific medical monitoring protocol (Radiation, Pesticide, PCB, Metals).
( ) Asbestos Worker medical protocol.
( ) Exempt from medical surveillance:_____.
(✓) Examination required in event of chemical exposure or trauma.
( ) Heat Stress Monitoring (Ambient Temp above 70 degrees F).

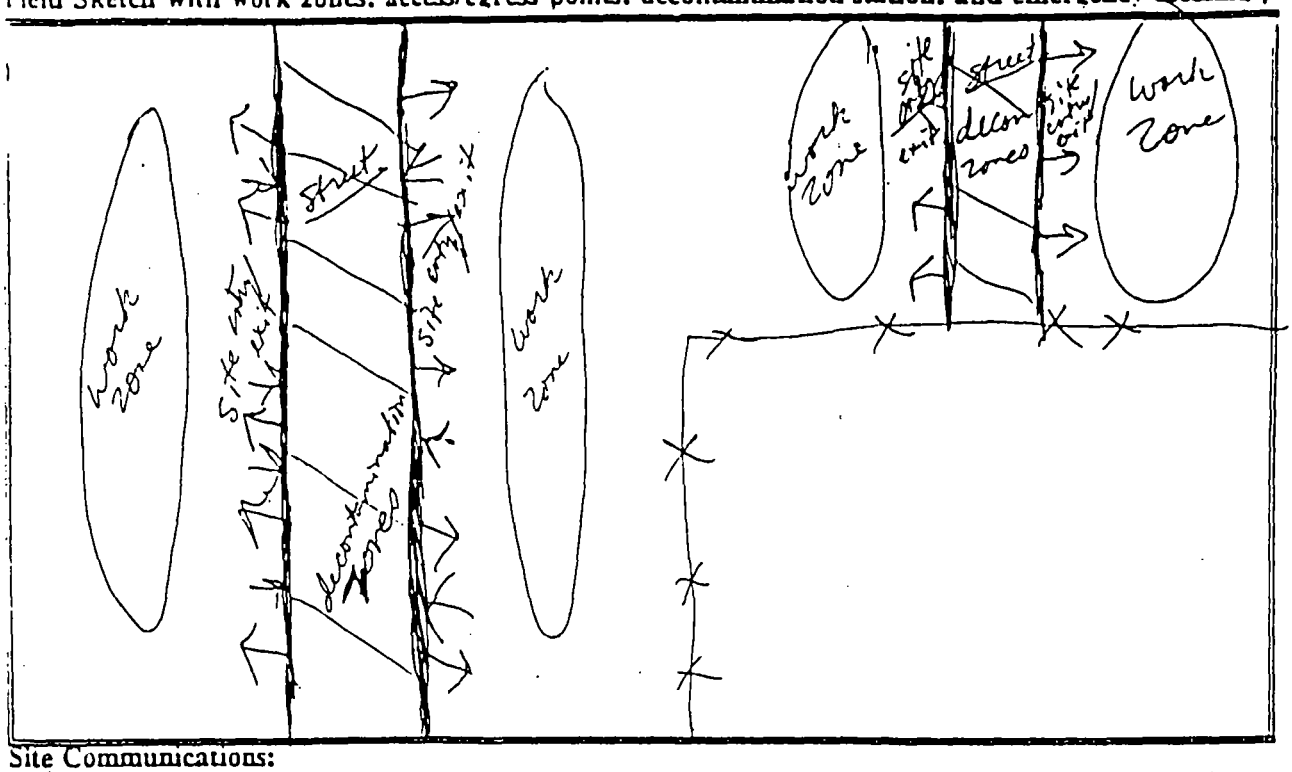
Chemical Hazards To Personnel

Chemical Contaminent: Lead (Pb)

PEL	0.05	PPM or Mg/M3	Physical Form	X	Solid
TLV	—	PPM or Mg/M3			Liquid
IDLH	NA	PPM or Mg/M3			Gas
Carcinogen		Yes	Color		Depends on specific compound
	✓	(No)	Odor		None
Routes of Exposure	X	Inhalation	Flashpoint		Degrees F or C
	X	Skin/Eye Contact	Flammable Limits		% LEL
	X	Ingestion			% UEL
		Skin Absorption	Vapor Pressure	0	(mm)Hg
Symptoms of Acute Exposure			Vapor Density		(air = 1)
		Confusion	Specific Gravity	13	(water = 1)
		Convulsions	Solubility		
		Dizziness	Incompatible Materials	Strong Oxidizers	
		Drowsiness			
		Giddiness			
		Headache	Ion Potential	NA	eV
	✓	Irritation to	Instrument for detection		
		Eyes, Nose, Throat			PID w / Probe
		Lightheadedness			FID
		Nausea			CGI
		Respiratory Problems			Radiation Meter
paralysis of wrists, ankles		Seizure			pH Meter or Paper
abdominal pain		Sweating (excessive)			Detector Tubes
malnutrition		Vision Disturbance			
	✓	Weakness			
insomnia	✓	Other			
First Aid Treatment				X	Mini-Ram / Ram
	✓	Irrigate eyes w/water for 15 minutes			Other:
	✓	Flush skin w/water for 15 minutes	Other Information		
		Remove contaminated clothing			
	✓	Get medical attention	Data Source	X	NIOSH Pocket Guide
		Move to fresh air			HSDB
	✓	Provide respiratory support			CHRIS
					Sax
		Other			RIDS
					Other

Site Control Measures

Field Sketch with work zones, access/egress points, decontamination station, and emergency meeting points:



Site Communications:
(✓) Buddy System (✓) Verbal ( ) Line of Sight/Visual ( ) Hand Held Radios ( ) Air Horn

Emergency Alarms:
1 Blast = Alert (exit through decon) 2 Blasts = Warning (exit through decon immediately) 3 Blasts = Evacuate (moving up wind, leaving equipment and PPE at the perimeter, and go to the designated meeting point)

Decontamination Procedures:
( ) Emergency Wash Down: (10 gallons of water minimum)

(✓) Dry Decontamination: Disposable PPE will be utilized, all soiled PPE shall be doffed in order of decreasing magnitude of contamination (i.e., Outer boots, outer gloves, outer chemical protective garment, inner garment if applicable, respiratory protective equipment, and inner gloves). The soiled PPE will be placed in an appropriate receptacle and will be disposed of with of site contaminates.

(✓) Site Specific Decontamination Plan:
Personnel: Dry decon as outlined above.

Equipment: Augers and sample spoons will be washed with alconox, rinsed with Deionized water, rinsed with isopropanol and rinsed again with D.I. water.

Adequacy of decontamination determined by: SSO

Personal Protective Equipment

TASK TO BE PERFORMED/AIR MONITORING REQUIRED	ANTICIPATED LEVEL OF PROTECTION	TYPE OF CHEMICAL PROTECTIVE COVERALL	INNER GLOVE OUTER GLOVE BOOT COVER	TYPE OF APR CARTRIDGE OR CANISTER
Perimeter recon	D	Tyvek	Latex gloves latex boots	None
Soil sample Collection	* D	Tyvek	Latex gloves Latex boots	None
	* only after allowing the miniram to run. Soil can be dampened with DI water to cut down on dust. Previous analy by the state showed lead to be the only contaminant of concern.			

quency and Types of Air Monitoring: ( ) Continuous (✓) Routine - _____ ( ) Periodic - _____

DIRECT READING INSTRUMENTS	COMBUSTIBLE GAS/OXYGEN METER (1)	RADIATION SURVEY METER/PROBE (2)	PHOTOIONIZATION DETECTOR/PROBE (3)	FLAME IONIZATION DETECTOR (4)	~~CHEM. DETECTOR TUBE (5)~~ miniram
ID NUMBER					EPP 720288
CAL. DATE					
TAT MEMBER					
ACTION LEVEL	≥ 20% LEL ≤19.5%, ≥23% O_2 - LEAVE	3X BACKGRND -CAUTION: 1 MR/HR- LEAVE	UNKNOWNS 0-5 UNITS:"C" 5-500:"B"	UNKNOWNS 0-5 UNITS:"C" 5-500:"B"	PEL/TLV COMPARE W/PF

Emergency Phone Numbers

Emergency Contact	Location	Phone Number	Notified
Hospital	101 E. Wood St. Spartanburg Medical	(803)560-6222 or 911	No
Ambulance	Spartanburg EMS	911	No
Police	Spartanburg Sheriff	911 or (803) 596-2616	No
Fire Dept.	Duncan Fire	911 (803)439-1877	

Chemical Trauma Capability? (✓) Yes ( ) No If no, closest backup: _____ Phone: _____

Directions to Hospital (attach map) - Route verified by: Roat Date: __/__/__

Return to I-85 via Hwy 290. Continue North on 85 until reaching I-585 (exit 73A). Turn right at wood street. Hospital on left at 101 E Wood Street.

Additional Emergency Phone Contacts

Contact	Phone Number
WESTON 24 hr. Hotline	215-524-1925 215-524-1926
WESTON Medical Emergency Service	800-229-3674 (Dr. Barnes)
Chemtrec	800-424-9300
ATSDR	404-639-0615
ATF (explosives information)	800-424-9555
National Response Center	800-424-8802
National Poison Control Center	800-942-5969
TAT Coordination Pager	404-280-3725

HASP prepared by: Ann Roat Date: 6/27/94

Pre-Response/Entry Approval by: Gissig Miller Date: 6/28/94 (✓) Verbal

Modification to Original HASP by: _____ Date: __/__/__

Physical Description of Site and Response Activities

Size of Site:_____ Terrain_____ Weather_____
Distance to Nearest: Residence____ School____ Hospital____
Public Building____ Other_____
Evacuation: ( ) Yes (X) No By Whom:_____
Nearest Waterway:_____ Distance from Site:_____

Condition	Observed	Potential	None	Comments/Observations
Surface Water Contamination			X	
Ground Water Contamination			X	
Drinking Water Contamination			X	
Air Release			X	
Soil Contamination		X		Took samples to prove if contaminated.
Stressed Vegetation			X	
Dead Animal Species			X	

Actions Taken On-Site:
Perimeter Monitoring: ( ) Yes ( ) No
Site Entry by TAT: (X) Yes ( ) No

Tasks Conducted	Level of Protection/Specific PPE Used
Perimeter Reconnaisance	Level D
Soil Sampling	Level D

Air Monitoring Summary Log

Date: ___ ___ ___

Data Collected by: _____

Data to be summarized by a "Range of readings,i.e..- Low to High" and/or "Average" by location.

Station/Location	CGI/O_2 Meter	Radiation Meter	PID/Probe	FID/OVA	Detector Tube
BACKGROUND					

Summary/Comments: Because of previous heavy rains, ground was damp enough so that no dust was present. No air monitoring was used.

Hazardous Waste Site

Off Site: (X) Yes ( ) No
On Site: (X) Yes ( ) No

Describe types of samples and methods used to obtain samples: Soil samples were taken that were grab samples taken by auger and spoon utensils.

Was Laboratory notified of Potential Hazard Level Of Samples? ( ) Yes ( ) No

Note: The nature of the work assignment may require the use of the following procedures/programs which will included as Attachments to this HASP as applicable: Emergency Response Plan, Confined Space Entry Procedures, Spill Containment Program.

Disclaimer: This Health and Safety Plan (HASP) was prepared for work to be conducted under the Technical Assistance Team (TAT) Contract 68-WO-0036 for Zone I. Use of this HASP by WESTON and its subcontractors is intended to fulfill the OSHA requirements found in 29 CFR 1910.120. Items not specifically covered in this HASP are included by reference to 29 CFR 1910 and 1926.

The signatures below indicate that the individuals have read and understood this Health and Safety Plan.

PRINTED NAME	SIGNATURE	AFFILIATION	DATE
Ann Root	Ann E Root	TAT	6/27/94
Mike Hill	Mike Hill	TAT	6/27/94
Terry Ryland	Terry Ryland	TAT	6/27/94

Final Submission of HASP by:	Ann E Root	Date 7/11/94
Post Response Review by:	Virginia T. Millar	
Post Response Approval by:	Virginia T. Millar	7/11/94
TAT HSO Review by:		

COMMENTS/FOLLOWUP

RSO has approved the safety plan due to wet soil conditions. However, RSO spoke to P.O. Root and explained that the RSO must be contacted if a change in ~~mead~~ TAT is going to be made to the safety plan. The minimum should have been used or RSO should have been contacted about wet conditions.

JOB SAFETY & HEALTH PROTECTION

The Occupational Safety and Health Act of 1970 provides job safety and health protection for workers by promoting safe and healthful working conditions throughout the Nation. Provisions of the Act include the following:

Employers

All employers must furnish to employees employment and a place of employment free from recognized hazards that are causing or are likely to cause death or serious harm to employees. Employers must comply with occupational safety and health standards issued under the Act.

Employees

Employees must comply with all occupational safety and health standards, rules, regulations and orders issued under the Act that apply to their own actions and conduct on the job.

The Occupational Safety and Health Administration (OSHA) of the U.S. Department of Labor has the primary responsibility for administering the Act. OSHA issues occupational safety and health standards, and its Compliance Safety and Health Officers conduct jobsite inspections to help ensure compliance with the Act.

Inspection

The Act requires that a representative of the employer and a representative authorized by the employees be given an opportunity to accompany the OSHA inspector for the purpose of aiding the inspection.

Where there is no authorized employee representative, the OSHA Compliance Officer must consult with a reasonable number of employees concerning safety and health conditions in the workplace.

Complaint

Employees or their representatives have the right to file a complaint with the nearest OSHA office requesting an inspection if they believe unsafe or unhealthful conditions exist in their workplace. OSHA will withhold, on request, names of employees complaining.

The Act provides that employees may not be discharged or discriminated against in any way for filing safety and health complaints or for otherwise exercising their rights under the Act.

Employees who believe they have been discriminated against may file a complaint with their nearest OSHA office within 30 days of the alleged discriminatory action.

Citation

If upon inspection OSHA believes an employer has violated the Act, a citation alleging such violations will be issued to the employer. Each citation will specify a time period within which the alleged violation must be corrected.

The OSHA citation must be prominently displayed at or near the place of alleged violation for three days, or until it is corrected, whichever is later, to warn employees of dangers that may exist there.

Proposed Penalty

The Act provides for mandatory civil penalties against employers of up to $7,000 for each serious violation and for optional penalties of up to $7,000 for each nonserious violation. Penalties of up to $7,000 per day may be proposed for failure to correct violations within the proposed time period and for each day the violation continues beyond the prescribed abatement date. Also, any employer who willfully or repeatedly violates the Act may be assessed penalties of up to $70,000 for each such violation. A minimum penalty of $5,000 may be imposed for each willful violation. A violation of posting requirements can bring a penalty of up to $7,000.

There are also provisions for criminal penalties. Any willful violation resulting in the death of any employee, upon conviction, is punishable by a fine of up to $250,000 (or $500,000 if the employer is a corporation), or by imprisonment for up to six months, or both. A second conviction of an employer doubles the possible term of imprisonment. Falsifying records, reports, or applications is punishable by a fine of $10,000 or up to six months in jail or both.

Voluntary Activity

While providing penalties for violations, the Act also encourages efforts by labor and management, before an OSHA inspection, to reduce workplace hazards voluntarily and to develop and improve safety and health programs in all workplaces and industries. OSHA's Voluntary Protection Programs recognize outstanding efforts of this nature.

OSHA has published Safety and Health Program Management Guidelines to assist employers in establishing or perfecting programs to prevent or control employee exposure to workplace hazards. There are many public and private organizations that can provide information and assistance in this effort, if requested. Also, your local OSHA office can provide considerable help and advice on solving safety and health problems or can refer you to other sources for help such as training.

Consultation

Free assistance in identifying and correcting hazards and in improving safety and health management is available to employers, without citation or penalty, through OSHA-supported programs in each State. These programs are usually administered by the State Labor or Health department or a State university.

Posting Instructions

Employers in States operating OSHA approved State Plans should obtain and post the State's equivalent poster.

Under provisions of Title 29, Code of Federal Regulations, Part 1903.2(a)(1) employers must post this notice (or facsimile) in a conspicuous place where notices to employees are customarily posted.

More Information

Additional information and copies of the Act, specific OSHA safety and health standards, and other applicable regulations may be obtained from your employer or from the nearest OSHA Regional Office in the following locations:

Atlanta, GA	(404) 347-3573
Boston, MA	(617) 565-7164
Chicago, IL	(312) 353-2220
Dallas, TX	(214) 767-4731
Denver, CO	(303) 844-3061
Kansas City, MO	(816) 426-5861
New York, NY	(212) 337-2378
Philadelphia, PA	(215) 596-1201
San Francisco, CA	(415) 744-6670
Seattle, WA	(206) 442-5930

Lynn Martin

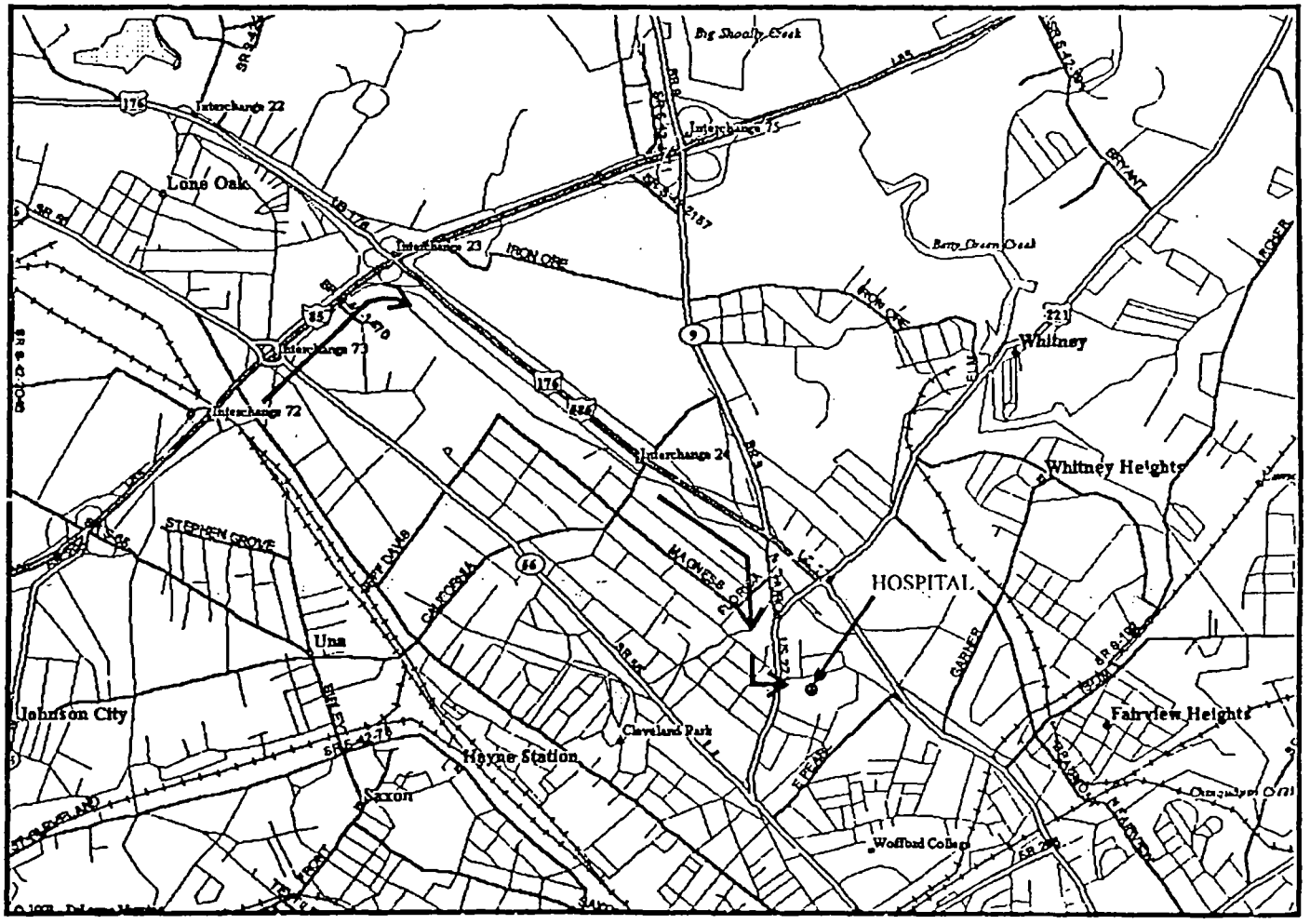
Lynn Martin, Secretary of Labor

U.S. Department of Labor

Occupational Safety and Health Administration

Washington, DC
1991 (Reprinted)
OSHA 2203

SITE HOSPITAL MAP



DIRECTIONS:
I-85 VIA HIGHWAY 290. CONTINUE NORTH ON I-85 UNTIL REACHING I-585 (EXIT 73A). TURN RIGHT AT WOOD STREET. HOSPITAL ON LEFT AT 101 EAST WOOD STREET.

Chemical Hazards To Personnel

Chemical Contaminent:

EL		PPM or Mg/M3	Physical Form		Solid
LV		PPM or Mg/M3			Liquid
IDLH		PPM or Mg/M3			Gas
Carcinogen		Yes	Color		
		No	Odor		
Routes of Exposure		Inhalation	Flashpoint		Degrees F or C
		Skin/Eye Contact	Flammable Limits		% LEL
		Ingestion			% UEL
		Skin Absorption	Vapor Pressure		mm/Hg
Symptoms of Acute Exposure			Vapor Density		(air = 1)
		Confusion	Specific Gravity		(water = 1)
		Convulsions	Solubility		
		Dizziness	Incompatible Materials		
		Drowsiness			
		Giddiness			
		Headache	Ion Potential		eV
		Irritation to	Instrument for detection		
		Eyes, Nose, Throat			PID w / Probe
		Lightheadedness			FID
		Nausea			CGI
		Respiratory Problems			Radiation Meter
		Seizure			pH Meter or Paper
		Sweating (excessive)			Detector Tubes
		Vision Disturbance			
		Weakness			
		Other			
First Aid Treatment					Mini-Ram / Ram
		Irrigate eyes w/water for 15 minutes			Other:
		Flush skin w/water for 15 minutes	Other Information		
		Remove contaminated clothing			
		Get medical attention	Data Source		NIOSH Pocket Guide
		Move to fresh air			HSDB
		Provide respiratory support			CHRIS
		Other			Sax
					RIDS
					Other

Chemical Hazards To Personnel

Chemical Contaminent:

EL	PPM or Mg/M3	Physical Form	Solid
LV	PPM or Mg/M3		Liquid
IDLH	PPM or Mg/M3		Gas
Carcinogen	Yes	Color	
	No	Odor	
Routes of Exposure	Inhalation	Flashpoint	Degrees F or C
	Skin/Eye Contact	Flammable Limits	%-LEL
	Ingestion		%-UEL
	Skin Absorption	Vapor Pressure	mm/Hg
Symptoms of Acute Exposure		Vapor Density	(air.=1)
	Confusion	Specific Gravity	(water = 1)
	Convulsions	Solubility	
	Dizziness	Incompatible Materials	
	Drowsiness		
	Giddiness		
	Headache	Ion Potential	eV
	Irritation to	Instrument for detection	
	Eyes, Nose, Throat		PID w / Probe
	Lightheadedness		FID
	Nausea		CGI
	Respiratory Problems		Radiation Meter
	Seizure		pH Meter or Paper
	Sweating (excessive)		Detector Tubes
	Vision Disturbance		
	Weakness		
	Other		
First Aid Treatment			Mini-Ram / Ram
	Irrigate eyes w/water for 15 minutes		Other:
	Flush skin w/water for 15 minutes	Other Information	
	Remove contaminated clothing		
	Get medical attention	Data Source	NIOSH Pocket Guide
	Move to fresh air		HSDB
	Provide respiratory support		CHRIS
			Sax
	Other		RIDS
			Other

ATTACHMENT C

Table of Witnesses

TABLE OF WITNESSES

Warren Dixon
U.S. Environmental Protection Agency
Emergency Response Branch, Region IV
345 Courtland Avenue
Atlanta, Georgia 30365
(404) 347-3931

Ann Roat
Mikail Hill
Terry Ryland
Roy F. Weston, Incorporated
Technical Assistance Team
1575 Northside Drive, N.W.
Building 300, Suite 325
Atlanta, Georgia 30318
(404) 352-4147

Mike Klender
Carol Minsk
Department of Health and Environmental Control
2600 Bull Street
J. Marion Sims Bldg.
Columbia, S.C. 29201
(803) 734-5000

ATLANTA, GA. 404 352-4147

PROJ. NO. 16-3528 | PROJECT NAME EXIDE BATTERY

SAMPLERS (Signature) Terry Ryland, Mike Hill

Water/Wastewater | Soil/Sediment/Sludge | Waste | Misc

STA NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	Total lead	REMARKS/TAG NUMBERS
WG-1A	6/29/94	1245		X	Westgate subdivision	1	X	T4-16972
WG-1B		1250		X		1	X	T4-16973
WG-2		1240		X		1	X	T4-16921
WG-3		1250		X		1	X	T4-16922
WG-4		1300		X		1	X	T4-16923
WG-5		1305		X		1	X	T4-16967
WG-6		1310		X		1	X	T4-16924
WG-7		1315		X		1	X	T4-16925
WG-8		1320		X		1	X	T4-16926
WG-9		1325		X		1	X	T4-16927
WG-10		1345		X		1	X	T4-16928
WG-11		1350		X		1	X	T4-16929
WG-12		1355		X		1	X	T4-16930
WG-13	✓	1400		X	✓	1	X	T4-16931

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Remarks
Terry Ryland	6-29-94 1100	Fed. Ex.				two week turn around
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	

DISTRIBUTION Original and Pink copies accompany sample shipment to laboratory. Pink copy retained by laboratory. Yellow copy retained by samplers. Blue copy extra copy as needed.

T4-11337

Atlanta Ga (404) 352-4147

PROJ. NO. 16-3528

PROJECT NAME EXIDE BATTERY

SAMPLERS (Signature) Terry Ryland Mike Hill

NO. OF CONTAINERS

Circle said Parameters Desired ( ) - Indicates Separate Containers

Water/Wastewater | Soil/Solid Sludge | Waste | Misc

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	REMARKS/TAG NUMBERS
WG-14	6-29-94	1430		X	Westgate Subdivision	1	T4-16932
WG-15		1435		X		1	T4-16933
WG-16A		1450		X		1	T4-16934
WG-16B		1455		X		1	T4-16935
WG-17		1455		X		1	T4-16936
WG-18A		1500		X		1	T4-16937
WG-18B		1500		X		1	T4-16966
WG-19A		1440		X		1	T4-16939
WG-19B		1445		X		1	T4-16952
WG-20		1410		X		1	T4-16938
WG-21		1420		X		1	T4-16940
WG-22		1430		X		1	T4-16941
WG-23		1355		X		1	T4-16942
WG-24		1345		X		1	T4-16943

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Remarks
Terry Ryland	6-29-94 1000	Fed Ex.				Two week turnaround
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	

DISTRIBUTION Original and Pink copies accompany sample shipment to laboratory, Pink copy retained by laboratory, Yellow copy retained by samplers, Blue copy extra copy as needed

T4-11338

Atlanta Ga (404) 352-4147

PROJ. NO.	PROJECT NAME
	Exide Battery

SAMPLERS (Signature) Terry Ryland Mike Hill

Water/Wastewater | Soil/Sediment | Waste | Misc

Circle/add Parameters Desired ( ) - Indicates Separate Containers

STA NO	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	Total Lead	REMARKS/TAG NUMBERS
WG-25	6-29-94	1335		X	Westgate Subdivision	1	X	T4-16944
WG-26		1355		X		1	X	T4-16945
WG-27		1315		X		1	X	T4-16946
WG-28		1305		X		1	X	T4-16947
WG-29		1315		X		1	X	T4-16948
WG-30		1310		X		1	X	T4-16949
WG-31		1303		X		1	X	T4-16950
WG-32		1300		X		1	X	T4-16951
WG-33		1300		X		1	X	T4-16953
WG-34		1256		X		1	X	T4-16954
WG-35		1255		X		1	X	T4-16955
WG-36		1320		X		1	X	T4-16956
WG-37		1336		X		1	X	T4-16957
WG-38		1337		X		1	X	T4-16958

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Remarks
Terry Ryland	6-29-94 1100	Fed. Ex.				
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	

DISTRIBUTION Original and Pink copies accompany sample shipment to laboratory. Pink copy retained by laboratory. Yellow copy returned by samplers. Blue copy extra copy as needed.

T4-11469

U. S. ENVIRONMENTAL PROTECTION AGENCY
REGION 4 TAT

CHAIN OF CUSTODY RECORD

ENVIRONMENTAL SERVICES DIVISION
COLLEGE STATION ROAD
ATHENS, GEORGIA 30613

PROJ. NO. 16-3528

PROJECT NAME Exide Battery

SAMPLERS (Signature) Terry Ryland Mike Hill

Water/Wastewater | Sediment/Sludge | Waste | Misc

STA. NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	Total Lead	REMARKS/TAG NUMBERS
WG-39	6-27-94	1510		X	Westgate Subdivision	1	X	T4-16959
WG-40		1345		X		1	X	T4-16960
WG-41		1350		X		1	X	T4-16961
WG-42		1440		X		1	X	T4-16962
WG-43		1415		X		1	X	T4-16971
WG-44		1457		X		1	X	T4-16970
WG-45		1500		X		1	X	T4-06181
WG-46		1457		X		1	X	T4-06184
WG-47		1505		X		1	X	T4-16965
WG-48		1505		X		1	X	T4-16964
WG-49		1510		X		1	X	T4-16963
WG-50		1515		X		1	X	T4-16968
WG-51		1535		X		1	X	T4-16969

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Remarks
Terry Ryland	6-27-94 1020	Fed Ex				Two weeks turnaround
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	

DISTRIBUTION: Original and Red copy accompany ...

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Group, Inc.

July 12, 1994

Paula MacLaren
Roy F. Weston
300 Atlanta Tech. Center
1575 Northside Drive, Suite 325
Atlanta, GA 30318

RECEIVED
JUL 15 1994

Subject: EXIDE BATTERY/CONT. #68-WD-0036 16-3528
Laboratory Episode SNB

To: Paula MacLaren

Enclosed please find the analytical results for the sample(s) received by ETC/Gulf South on July 1, 1994.

This report contains a brief discussion of the analytical methodologies employed, as well as a summary of the quality control data associated with the analyses, and copies of your chain of custody documentation.

If you require additional information concerning these data or the report, or would like to make any suggestions and/or recommendations regarding our services, please contact one of our Client Services Representatives listed below:

Mr. Bill Deckelmann, Manager, Ext. 242
Ms. Molly McGraw, Ext. 243
Ms. Cindy Olavesen, Ext. 281

Sincerely,

Celia H. Mayeur
Report Center Supervisor

Analytical Methodology

The Roy F. Weston sample(s) received on July 1, 1994, were analyzed for the following. Specific methods employed for the analyses are indicated.

Soil

ICP Metals by SW 6010

[C/Gulf South Laboratory Quality Control

Our laboratory employs quality control (QC) measures and components to ensure the quality analytical data by defining its accuracy and precision. Presentation of the QC data with a report ows the data user the opportunity to evaluate the results and as well as gauge the performance the laboratory with the methods performed. In order to assist understanding these data, routine mponents of our QC program which are included in this report are defined below:

ıtch - A batch is a group of 20 or less samples of a given matrix for analysis by a specific protocol analytical method.

ank - A method blank is a "clean" laboratory sample carried through the entire analytical process. method blank is prepared with each batch of samples. The analysis of method blanks monstrates that method interferences caused by contaminants in solvents, reagents and glassware e known and minimized. A method blank should not contain any analytes of interest above the ported detection limit. There are, however, method allowances made for common laboratory tifacts such as methylene chloride, acetone and phthalates.

ıboratory Control Spike - A laboratory control spike (LCS or blank spike) is a blank sample ıich is spiked with known concentrations of target analytes that is carried through the entire alytical process. An LCS is prepared with every batch of samples. The percent recovery of the iked analytes provides a measure of the accuracy of the analytical process in the absence of ıtrix effects.

atrix Spike - A matrix spike (MS) is a field sample which is spiked with known concentrations target analytes that is carried through the entire analytical process. A MS is prepared with every tch of samples. For organics analysis, a matrix spike duplicate (MSD) is also prepared. The rcent recovery of the spiked analytes provides a measure of the accuracy of the analytical process the selected sample/matrix.

ıplicate - A duplicate is a sample for which replicate aliquots are carried through the entire alytical process. Comparison of the original sample results to those of the duplicate provides a easure of the precision of the analytical process in the selected sample. By convention, precision demonstrated for inorganic and conventional water quality analyses using a sample and a sample plicate, whereas an MS and MSD are used for organic analyses.

ırrogate - A surrogate is a non-target analyte which is added to all samples and QC samples rior to extraction, if required). The percent recovery of the surrogate provides a measure of the curacy of the analytical process in each sample tested. In general, surrogates are required only r organic analyses.

C limits - QC limits specify a numerical range within which the percent recovery of a spiked mpound can be expected to fall. QC limits are set either by specific method requirements or rived from internal evaluation of laboratory performance data. For many methods these limits e advisory and do not require corrective action if exceeded.

ETC/Gulf South
Sample Cross Reference Report

:pisode: SNB Project: EXIDE BATTERY/CONT. #68-WD-0036

:lient: Roy F. Weston

ab ID	Client ID	Matrix	Collected	Received
NB-001	WG-1A	Soil	06/29/94	07/01/94
NB-002	WG-1B	Soil	06/29/94	07/01/94
NB-003	WG-2	Soil	06/29/94	07/01/94
NB-004	WG-3	Soil	06/29/94	07/01/94
NB-005	WG-4	Soil	06/29/94	07/01/94
NB-006	WG-5	Soil	06/29/94	07/01/94
NB-007	WG-6	Soil	06/29/94	07/01/94
NB-008	WG-7	Soil	06/29/94	07/01/94
NB-009	WG-8	Soil	06/29/94	07/01/94
NB-010	WG-9	Soil	06/29/94	07/01/94
NB-011	WG-10	Soil	06/29/94	07/01/94
NB-012	WG-11	Soil	06/29/94	07/01/94
NB-013	WG-12	Soil	06/29/94	07/01/94
NB-014	WG-13	Soil	06/29/94	07/01/94
NB-015	WG-14	Soil	06/29/94	07/01/94
NB-016	WG-15	Soil	06/29/94	07/01/94
NB-017	WG-16A	Soil	06/29/94	07/01/94
NB-018	WG-16B	Soil	06/29/94	07/01/94
NB-019	WG-17	Soil	06/29/94	07/01/94
NB-020	WG-18A	Soil	06/29/94	07/01/94
NB-021	WG-18B	Soil	06/29/94	07/01/94
NB-022	WG-19A	Soil	06/29/94	07/01/94
NB-023	WG-19B	Soil	06/29/94	07/01/94
NB-024	WG-20	Soil	06/29/94	07/01/94
NB-025	WG-21	Soil	06/29/94	07/01/94
NB-026	WG-22	Soil	06/29/94	07/01/94
NB-027	WG-23	Soil	06/29/94	07/01/94
NB-028	WG-24	Soil	06/29/94	07/01/94
NB-029	WG-25	Soil	06/29/94	07/01/94
NB-030	WG-26	Soil	06/29/94	07/01/94

NB-031	WG-27	Soil	06/29/94	07/01/94
NB-032	WG-28	Soil	06/29/94	07/01/94
NB-033	WG-29	Soil	06/29/94	07/01/94
NB-034	WG-30	Soil	06/29/94	07/01/94
NB-035	WG-31	Soil	06/29/94	07/01/94
NB-036	WG-32	Soil	06/29/94	07/01/94
NB-037	WG-33	Soil	06/29/94	07/01/94
NB-038	WG-34	Soil	06/29/94	07/01/94
NB-039	WG-35	Soil	06/29/94	07/01/94
NB-040	WG-36	Soil	06/29/94	07/01/94
NB-041	WG-37	Soil	06/29/94	07/01/94
NB-042	WG-38	Soil	06/29/94	07/01/94
NB-043	WG-39	Soil	06/29/94	07/01/94
NB-044	WG-40	Soil	06/29/94	07/01/94
NB-045	WG-41	Soil	06/29/94	07/01/94
NB-046	WG-42	Soil	06/29/94	07/01/94
NB-047	WG-43	Soil	06/29/94	07/01/94
NB-048	WG-44	Soil	06/29/94	07/01/94
NB-049	WG-45	Soil	06/29/94	07/01/94
NB-050	WG-46	Soil	06/29/94	07/01/94
NB-051	WG-47	Soil	06/29/94	07/01/94

;NB-052	WG-48	Soil	06/29/94	07/01/94
;NB-053	WG-49	Soil	06/29/94	07/01/94
;NB-054	WG-50	Soil	06/29/94	07/01/94
;NB-055	WG-51	Soil	06/29/94	07/01/94

Analytical Results - Metals
Roy F. Weston

Client ID: WG-1A
Description: NA
ETC/Gulf South ID: SNB-001
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 16

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	243	ND	5.0

Client ID: WG-1B
Description: NA
ETC/Gulf South ID: SNB-002
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 19

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	35.2	ND	5.0

ND-Not Detected at or above the detection limit stated.

Analytical Results - Metals
Roy F. Weston

Client ID: WG-2
Description: NA
ETC/Gulf South ID: SNB-003
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 10

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	63.0	ND	5.0

Client ID: WG-3
Description: NA
ETC/Gulf South ID: SNB-004
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 25

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	442	ND	5.0

ND-Not Detected at or above the detection limit stated.

Analytical Results - Metals
Roy F. Weston

Client ID: WG-4
Description: NA
ETC/Gulf South ID: SNB-005
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 11

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	32.1	ND	5.0

Client ID: WG-5
Description: NA
ETC/Gulf South ID: SNB-006
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 13

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	39.3	ND	5.0

ND-Not Detected at or above the detection limit stated.

Analytical Results - Metals
Roy F. Weston

Client ID: WG-6
Description: NA
ETC/Gulf South ID: SNB-007
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 14

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	92.5	ND	5.0

Client ID: WG-7
Description: NA
ETC/Gulf South ID: SNB-008
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 17

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	431	ND	5.0

ND-Not Detected at or above the detection limit stated.

Analytical Results - Metals
Roy F. Weston

Client ID: WG-8
Description: NA
ETC/Gulf South ID: SNB-009
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 11

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	212	ND	5.0

Client ID: WG-9
Description: NA
ETC/Gulf South ID: SNB-010
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 13

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	416	ND	5.0

ND-Not Detected at or above the detection limit stated.

Analytical Results - Metals
Roy F. Weston

Client ID: WG-10
Description: NA
ETC/Gulf South ID: SNB-011
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 10

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	159	ND	5.0

Client ID: WG-11
Description: NA
ETC/Gulf South ID: SNB-012
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 14

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	339	ND	5.0

ND-Not Detected at or above the detection limit stated.

Analytical Results - Metals
Roy F. Weston

Client ID: WG-12
Description: NA
ETC/Gulf South ID: SNB-013
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 15

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	317	ND	5.0

Client ID: WG-13
Description: NA
ETC/Gulf South ID: SNB-014
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 15

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	400	ND	5.0

ND-Not Detected at or above the detection limit stated.

Analytical Results - Metals
Roy F. Weston

Client ID: WG-14
Description: NA
ETC/Gulf South ID: SNB-015
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 12

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	228	ND	5.0

Client ID: WG-15
Description: NA
ETC/Gulf South ID: SNB-016
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 10

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	187	ND	5.0

ND-Not Detected at or above the detection limit stated.

Analytical Results - Metals
Roy F. Weston

Client ID: WG-16A
Description: NA
ETC/Gulf South ID: SNB-017
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 12

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	252	ND	5.0

Client ID: WG-16B
Description: NA
ETC/Gulf South ID: SNB-018
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 13

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	114	ND	5.0

ND-Not Detected at or above the detection limit stated.

Analytical Results - Metals
Roy F. Weston

Client ID: WG-17
Description: NA
ETC/Gulf South ID: SNB-019
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 12

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	289	ND	5.0

Client ID: WG-18A
Description: NA
ETC/Gulf South ID: SNB-020
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 13

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	386	ND	5.0

ND-Not Detected at or above the detection limit stated.

Analytical Results - Metals
Roy F. Weston

Client ID: WG-18B
Description: NA
ETC/Gulf South ID: SNB-021
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 22

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	35.6	ND	5.0

Client ID: WG-19A
Description: NA
ETC/Gulf South ID: SNB-022
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 6

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	265	ND	5.0

ND-Not Detected at or above the detection limit stated.

Analytical Results - Metals
Roy F. Weston

Client ID: WG-19B
Description: NA
ETC/Gulf South ID: SNB-023
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 8

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	50.4	ND	5.0

Client ID: WG-20
Description: NA
ETC/Gulf South ID: SNB-024
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 20

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	605	ND	5.0

ND-Not Detected at or above the detection limit stated.

Analytical Results - Metals
Roy F. Weston

Client ID: WG-21
Description: NA
ETC/Gulf South ID: SNB-025
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 8

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	127	ND	5.0

Client ID: WG-22
Description: NA
ETC/Gulf South ID: SNB-026
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 11

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	320	ND	5.0

ND-Not Detected at or above the detection limit stated.

Analytical Results - Metals
Roy F. Weston

Client ID: WG-23
Description: NA
ETC/Gulf South ID: SNB-027
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 19

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	374	ND	5.0

Client ID: WG-24
Description: NA
ETC/Gulf South ID: SNB-02?
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 19

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	384	ND	5.0

ND-Not Detected at or above the detection limit stated.

Analytical Results - Metals
Roy F. Weston

Client ID: WG-25
Description: NA
ETC/Gulf South ID: SNB-029
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 17

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	241	ND	5.0

Client ID: WG-26
Description: NA
ETC/Gulf South ID: SNB-030
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 15

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	369	ND	5.0

ND-Not Detected at or above the detection limit stated.

Analytical Results - Metals
Roy F. Weston

Client ID: WG-27
Description: NA
ETC/Gulf South ID: SNB-031
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 20

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	329	ND	5.0

Client ID: WG-28
Description: NA
ETC/Gulf South ID: SNB-032
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 20

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	201	ND	5.0

ND-Not Detected at or above the detection limit stated.

Analytical Results - Metals
Roy F. Weston

Client ID: WG-29
Description: NA
ETC/Gulf South ID: SNB-033
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 17

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	376	ND	5.0

Client ID: WG-30
Description: NA
ETC/Gulf South ID: SNB-034
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 20

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	300	ND	5.0

ND-Not Detected at or above the detection limit stated.

Analytical Results - Metals
Roy F. Weston

Client ID: WG-31
Description: NA
ETC/Gulf South ID: SNB-035
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 10

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	188	ND	5.0

Client ID: WG-32
Description: NA
ETC/Gulf South ID: SNB-036
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 16

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	121	ND	5.0

ND-Not Detected at or above the detection limit stated.

Analytical Results - Metals
Roy F. Weston

Client ID: WG-33
Description: NA
ETC/Gulf South ID: SNB-037
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 22

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	170	ND	5.0

Client ID: WG-34
Description: NA
ETC/Gulf South ID: SNB-038
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 8

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	84.5	ND	5.0

ND-Not Detected at or above the detection limit stated.

Analytical Results - Metals
Roy F. Weston

Client ID: WG-35
Description: NA
ETC/Gulf South ID: SNB-039
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 11

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	42.1	ND	5.0

Client ID: WG-36
Description: NA
ETC/Gulf South ID: SNB-040
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 21

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	316	ND	5.0

ND-Not Detected at or above the detection limit stated.

Analytical Results - Metals
Roy F. Weston

Client ID: WG-37
Description: NA
ETC/Gulf South ID: SNB-041
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/05/94
Analyzed: 07/05/94
Percent Moisture: 20

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	258	ND	5.0

Client ID: WG-38
Description: NA
ETC/Gulf South ID: SNB-042
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/05/94
Analyzed: 07/05/94
Percent Moisture: 20

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	423	ND	5.0

ND-Not Detected at or above the detection limit stated.

Analytical Results - Metals
Roy F. Weston

Client ID: WG-39
Description: NA
ETC/Gulf South ID: SNB-043
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/05/94
Analyzed: 07/05/94
Percent Moisture: 12

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	252	ND	5.0

Client ID: WG-40
Description: NA
ETC/Gulf South ID: SNB-044
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/05/94
Analyzed: 07/05/94
Percent Moisture: 14

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	251	ND	5.0

ND-Not Detected at or above the detection limit stated.

Analytical Results - Metals
Roy F. Weston

Client ID: WG-41
Description: NA
ETC/Gulf South ID: SNB-045
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/05/94
Analyzed: 07/05/94
Percent Moisture: 23

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	471	ND	5.0

Client ID: WG-42
Description: NA
ETC/Gulf South ID: SNB-046
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/05/94
Analyzed: 07/05/94
Percent Moisture: 12

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	219	ND	5.0

ND-Not Detected at or above the detection limit stated.

Analytical Results - Metals
Roy F. Weston

Client ID: WG-43
Description: NA
ETC/Gulf South ID: SNB-047
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/05/94
Analyzed: 07/05/94
Percent Moisture: 16

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	406	ND	5.0

Client ID: WG-44
Description: NA
ETC/Gulf South ID: SNB-048
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/05/94
Analyzed: 07/05/94
Percent Moisture: 15

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	441	ND	5.0

ND-Not Detected at or above the detection limit stated.

Analytical Results - Metals
Roy F. Weston

Client ID: WG-45
Description: NA
ETC/Gulf South ID: SNB-049
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/05/94
Analyzed: 07/05/94
Percent Moisture: 9

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	125	ND	5.0

Client ID: WG-46
Description: NA
ETC/Gulf South ID: SNB-050
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/05/94
Analyzed: 07/05/94
Percent Moisture: 31

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	[illegible]70	ND	5.0

ND-Not Detected at or above the detection limit stated.

Analytical Results - Metals
Roy F. Weston

Client ID: WG-47
Description: NA
ETC/Gulf South ID: SNB-051
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/05/94
Analyzed: 07/05/94
Percent Moisture: 28

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	649	ND	5.0

Client ID: WG-48
Description: NA
ETC/Gulf South ID: SNB-052
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/05/94
Analyzed: 07/05/94
Percent Moisture: 44

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	2110	ND	5.0

ND-Not Detected at or above the detection limit stated.

Analytical Results - Metals
Roy F. Weston

Client ID: WG-49
Description: NA
ETC/Gulf South ID: SNB-053
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/05/94
Analyzed: 07/05/94
Percent Moisture: 21

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	551	ND	5.0

Client ID: WG-50
Description: NA
ETC/Gulf South ID: SNB-054
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/05/94
Analyzed: 07/05/94
Percent Moisture: 32

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	1190	ND	5.0

ND-Not Detected at or above the detection limit stated.

Analytical Results - Metals
Roy F. Weston

Client ID: WG-51
Description: NA
ETC/Gulf South ID: SNB-055
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/25/94
Received: 07/01/94
Prepared: 07/05/94
Analyzed: 07/05/94
Percent Moisture: 23

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	293	ND	5.0

ND-Not Detected at or above the detection limit stated.

QA/QC SUMMARY

METALS

SOIL

:TER	Matrix/Blank Spike Level	Digestate Blank Dot'n Limits	Units	Blank Conc.	Spike Recovery (%) Matrix	Blank	Replicate Precision RPD	QC Batch #
	119/50.9	5.0	mg/kg	ND	60(J6)	103	8.7	9141
	128/50.9	5.0	mg/kg	ND	92	112	8.3	9142
	125/50.9	5.0	mg/kg	ND	94	105	4.3	9143

:he poor matrix spike recovery is attributed to the non-homogenous nature of the sample. \cceptable method performance for this analyte has been demonstrated by the laboratory :ontrol sample (LCS) recovery.

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Signature

Thomas J. Kielbaski
Signature of Microfilm Supervisor

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049406-L009-0863 ANALYTICAL SER.
EXIDE BATTERY SITE
GREER, SC

04-9406-L009A-0873 ANALYTICAL
EXIDE BATTERY SITE
GREER, SC

1. COST CENTER: 04	ACKNOWLEDGEMENT OF COMPLETION FOR TDD TAT EMERGENCY RESPONSE REMOVAL AND PREVENTION Roy F. Weston	2. NO.: 04-9406-L009A
	SITE NAME: EXIDE BATTERY SITE MONITOR: DIXON, WARREN ESTIMATED HOURS: 0 TDD TYPE: 16 - ANALYTICAL SERVICES START/END DATES: 07/21/94 - 07/18/94 ESTIMATED COST: 660.00	[X] COMPLETE [ ] INTERIM

3. RESPONSE: THIS ANALYTICAL SERVICES TDD WAS IN SUPPORT OF TDD 0494060017 (EXIDE BATTERY SITE, GREER, SOUTH CAROLINA). FIFTY FIVE SOIL SAMPLES WERE ANALYZED FOR TOTAL LEAD. BIDS WERE SOLICITED FROM THREE LABORATORIES BASED ON THE FOLLOWING CRITERIA: 1) THE USE OF APPROVED EPA PROCEDURES, 2) A TWO WEEK TURNAROUND, AND 3) A QA/QC PACKAGE PRESCRIBED BY THE OPC. THE LOW BIDDER WAS CHOSEN AND LABORATORY RESULTS WERE RECEIVED ON 15 JULY 1994.

[ ] FORMAL REPORT
[ ] LETTER REPORT
[ ] FORMAL BRIEFING
[X] OTHER (SPECIFY)
Lab report

3A. INTERIM COST TO DATE : INTERIM HOURS TO DATE : DATE OF INTERIM AMOUNTS:	3B. ACTUAL DIRECT COST : $ 660.00 ESTIMATED ADMIN. : 528.00 EST. COST TO CLOSURE: $ 1188.00	ACTUAL TOTAL HOURS : DATE OF ACTUAL COSTS: 11/04/94

4. DPO ACTION: [X] ACCEPTED [ ] ACCEPTED WITH EXCEPTIONS [ ] REJECTED

5. COMMENTS:

6. I CERTIFY THAT THE ATTACHED MATERIALS MEET AND COMPLY WITH ALL REQUIREMENTS OF THE SUBJECT TDD.

(TATL SIGNATURE)

7. DATE: 11/04/94

8. I ACKNOWLEDGE THAT I HAVE BEEN PROVIDED WITH THE MATERIALS AND SERVICES SPECIFIED IN THE SUBJECT TDD WITHIN ITS ORIGINAL OR REVISED TIME FRAMES.

Jacqueline Dendy

(AUTHORIZING DPO SIGNATURE)

9. DATE: 02/17/95

DRAFT DRAFT

1. COST CENTER: 04

ACKNOWLEDGEMENT OF COMPLETION
FOR TDD
TAT EMERGENCY RESPONSE
REMOVAL AND PREVENTION
Roy F. Weston
DRAFT

2. NO.: 04-9406-L009A
0863
0873

[ ] COMPLETE
[X] INTERIM

SITE NAME: EXIDE BATTERY SITE
MONITOR: DIXON, WARREN
START/END DATES: 07/21/94 - 07/18/94
ESTIMATED HOURS: 0
ESTIMATED COST: 660.00
TDD TYPE: 16 - ANALYTICAL SERVICES

3. RESPONSE: THIS ANALYTICAL SERVICES TDD WAS IN SUPPORT OF TDD 0494060017 (EXIDE BATTERY SITE, GREER, SOUTH CAROLINA). FIFTY FIVE SOIL SAMPLES WERE ANALYZED FOR TOTAL LEAD. BIDS WERE SOLICITED FROM THREE LABORATORIES BASED ON THE FOLLOWING CRITERIA: 1) THE USE OF APPROVED EPA PROCEDURES, 2) A TWO WEEK TURNAROUND, AND 3) A QA/QC PACKAGE PRESCRIBED BY THE DPO. THE LOW BIDDER WAS CHOSEN AND LABORATORY RESULTS WERE RECEIVED ON 15 JULY 1994.

[ ] FORMAL REPORT
[ ] LETTER REPORT
[ ] FORMAL BRIEFING
[X] OTHER (SPECIFY)
Lab report

3A. INTERIM COST TO DATE :
INTERIM HOURS TO DATE :
DATE OF INTERIM AMOUNTS:

3B. ACTUAL DIRECT COST :
ESTIMATED ADMIN. :
EST. COST TO CLOSURE:

ACTUAL TOTAL HOURS :
DATE OF ACTUAL COSTS:

4. DPO ACTION: [ ] ACCEPTED [ ] ACCEPTED WITH EXCEPTIONS [ ] REJECTED

5. COMMENTS:

6. I CERTIFY THAT THE ATTACHED MATERIALS MEET AND COMPLY WITH ALL REQUIREMENTS OF THE SUBJECT TDD.

(TATL SIGNATURE)

7. DATE: 08/23/94

8. I ACKNOWLEDGE THAT I HAVE BEEN PROVIDED WITH THE MATERIALS AND SERVICES SPECIFIED IN THE SUBJECT TDD WITHIN ITS ORIGINAL OR REVISED TIME FRAMES.

(AUTHORIZING DPO SIGNATURE)

9. DATE: / /

DRAFT DRAFT

1. COST CENTER: 04	TAT - CONTRACT 68-W0-0036 TECHNICAL DIRECTION DOCUMENT (TDD) OHM EMERGENCY RESPONSE AND SPILL PREVENTION PROGRAM Roy F. Weston	2A. NO: 06-9406-L003 2B. TYPE: 16 ANALYTICAL SERVICES

3A. PRIORITY:	4. SOURCE OF FUNDS:	5A. EPA SITE NAME:	6. COMPLETION DATE:	8. REFERENCE INFO:
[ ] HIGH (1) [X] MEDIUM (2) [ ] LOW (3) 3B. EPA CONTACT: DIXON, WARREN	[X] CERCLA (1) [ ] 311/AOPA (2) [ ] UST (3) [ ] FEMA (4) [ ] CEPP (5) [ ] N/A (6) [ ] TAT/FIT (7) [ ] ENFORCE (8)	EXIDE BATTERY SITE 5B. CITY COUNTY ST Greer Greenville SC 5C. SSID #: 5D. CERCLIS ID:	07/18/94 7. OVERTIME APPROVED [ ] YES [X] NO	[ ] YES [X] NO [ ] ATTACHED [ ] PICK UP

9A. GENERAL TASK DESCRIPTION: Analyze up to 50 soil samples for total lead. 2 week turnaround. Samples should be collected at surface and 1.5 foot depth. Sample collection will begin on June 29, 1994.

9B. ESTIMATED COST: $ 60.00 ESTIMATED HOURS: 0
CUMULATIVE COST: 660.00 (Cumulative cost/hours includes this amendment) CUMULATIVE HOURS: 0

10. SPECIFIC ELEMENTS:

11. INTERIM DEADLINES:

12. DESIRED REPORT FORM: FORMAL REPORT [ ] LETTER REPORT [ ] FORMAL BRIEF [ ]

OTHER (SPECIFY): Lab report

13. COMMENTS: Amended to analyze 5 additional soil samples for total lead.

14. AUTHORIZING DPO: GODFREY, ANNIE VERBAL DATE: / /
(SIGNATURE)

15. DATE: 07/25/94

16. RECEIVED BY: DOYLE, WILLIAM RAY
[X] ACCEPTED [ ] ACCEPTED WITH EXCEPTIONS [ ] REJECTED

[Y] COI CHECKED - NO APPARENT COI
(TATL SIGNATURE)

17. DATE: 07/26/94

18. DESCRIPTOR:

0863

1. COST CENTER: 04	TAT - CONTRACT 68-WO-0036 TECHNICAL DIRECTION DOCUMENT (TDD) OHM EMERGENCY RESPONSE AND SPILL PREVENTION PROGRAM Roy F. Weston	2A. NO: 04-9406-L009 2B. TYPE: 16 ANALYTICAL SERVICES

3A. PRIORITY: [ ] HIGH (1) [X] MEDIUM (2) [ ] LOW (3) 3B. EPA CONTACT: DIXON, WARREN	4. SOURCE OF FUNDS: [X] CERCLA (1) [ ] 311/AOPA (2) [ ] UST (3) [ ] FEMA (4) [ ] CEPP (5) [ ] N/A (6) [ ] TAT/FIT (7) [ ] ENFORCE (8)	5A. EPA SITE NAME: EXIDE BATTERY SITE 5B. CITY COUNTY ST Greer Greenville SC 5C. SSID #: 5D. CERCLIS ID:	6. COMPLETION DATE: 07/18/94 7. OVERTIME APPROVED [ ] YES [X] NO	8. REFERENCE INFO: [ ] YES [X] NO [ ] ATTACHED [ ] PICK UP

9A. GENERAL TASK DESCRIPTION: Analyze up to 50 soil samples for total lead. 2 week turnaround. Samples should be collected at surface and 1.5 foot depth. Sample collection will begin on June 29, 1994.

9B. ESTIMATED COST: $ 600.00 ESTIMATED HOURS: 0

10. SPECIFIC ELEMENTS: 11. INTERIM DEADLINES:

12. DESIRED REPORT FORM: FORMAL REPORT [ ] LETTER REPORT [ ] FORMAL BRIEF [ ]

OTHER (SPECIFY): Lab report

13. COMMENTS:

14. AUTHORIZING DPO: GODFREY, ANNIE M. VERBAL DATE: / /

Annie M. Godfrey
(SIGNATURE)

15. DATE: 06/30/94

16. RECEIVED BY: DOYLE, WILLIAM RAY
[X] ACCEPTED [ ] ACCEPTED WITH EXCEPTIONS [ ] REJECTED

[Y] COI CHECKED - NO APPARENT COI

William R. Doyle
(TATL SIGNATURE)

17. DATE: 06/30/94

18. DESCRIPTOR:

PROJECT COMPLETION CHECKLIST

ANALYTICAL SERVICES

GENERAL INFORMATION:

TDD# 04-9406-0009-0863 C009A-0873 SITE NAME: EXIDE BATTERY

DATE DUE: 10 July 1994 DATE COMPLETED: 15 July 1994

ESTIMATED COST: $ 660

TAT P. O.: ANN BOAT ALTERNATE: WARREN DIXON

TDD SPECIFIC INFORMATION (CHECK)		(QA/QC) CHECK	
ANALYTICAL SERVICES APPROVAL	✓	( )	TATL
PURCHASE ORDER #	16-3528A	( )	
BID SHEET	✓	( )	
PURCHASE REQUISITION	✓	( )	
SERVICE AGREEMENT	✓	( )	
ANALYTICAL RESULTS	✓	( )	
CHAIN-OF-CUSTODY	✓	( )	
INVOICE	*	( )	
AOC	✓	( )	

OTHER (SPECIFY) * REFER TO ZFMO RECORDS

WESTON
MANAGERS DESIGNERS CONSULTANTS
Building 300, Suite 325
1575 Northside Drive, N.W., Atlanta, Georgia 30318-4208
404-352-4147 • Fax 404-352-0659

TECHNICAL ASSISTANCE TEAM FOR EMERGENCY RESPONSE REMOVAL AND PREVENTION
EPA CONTRACT 68-WO-0036

MEMORANDUM

TO: FILE

FROM: Paula C. MacLaren
Analytical Coordinator

THRU: William R. Doyle
TATL, Region IV

SUBJECT: Exide Battery Site Analytical Data
TDD #04-9406-L009-0863

DATE: 19 July 1994

ETC/Gulf South Laboratory performed total lead analysis on fifty-five soil samples taken at the Exide Battery Site on 29 June 1994. The analytical report was received with the required two week time period.

All sample analysis hold times were met.

The laboratory blanks showed no contamination of the analytical process.

Three matrix spikes were performed on the sample group. One out of the three percent recoveries was below the QA/QC recommendation of 80%-120% due to the non-homogenous nature of the sample. The laboratory control samples were all within the QA/QC guidelines thereby verifying the analytical process. Analytical precision was below ten percent; well within the QA/QC recommendation of 20% relative percent difference (RPD).

A summary of the sample data can be found on the following page.

cc. Warren Dixon
Ann Roat

EXIDE BATTERY SITE
Analytical Data

WESTGATE SUBDIVISION

SOIL SAMPLES

Sample ID	Total Lead(mg/kg)	Sample ID	Total Lead (mg/kg)
WG-1A	243	WG-26	369
WG-1B	35.2	WG-27	329
WG-2	63.0	WG-28	201
WG-3	442	WG-29	376
WG-4	32.1	WG-30	300
WG-5	29.3	WG-31	188
WG-6	92.5	WG-32	121
WG-7	431	WG-33	170
WG-8	212	WG-34	84.5
WG-9	416	WG-35	42.1
WG-10	159	WG-36	316
WG-11	339	WG-37	258
WG-12	317	WG-38	423
WG-13	400	WG-39	252
WG-14	228	WG-40	251
WG-15	187	WG-41	471
WG-16A	252	WG-42	219
WG-16B	114	WG-43	406
WG-17	289	WG-44	441
WG-18A	386	WG-45	125
WG-18B	35.6	WG-46	1670
WG-19A	265	WG-47	649
WG-19B	50.4	WG-48	2110
WG-20	605	WG-49	551
WG-21	127	WG-50	1190
WG-22	320	WG-51	293
WG-23	374		
WG-24	384		
WG-25	241		

ETC
Gulf South
An ETC Laboratory

6801 Press Drive
East Building

New Orleans, LA
70126

Telephone
(504) 283-4223

Facsimile
(504) 288-3625

July 12, 1994

Paula MacLaren
Roy F. Weston
300 Atlanta Tech. Center
1575 Northside Drive, Suite 325
Atlanta, GA 30318

RECEIVED
JUL 15

Subject: EXIDE BATTERY/CONT. #68-WD-0036 16-3528
Laboratory Episode SNB

To: Paula MacLaren

Enclosed please find the analytical results for the sample(s) received by ETC/Gulf South on July 1, 1994.

This report contains a brief discussion of the analytical methodologies employed, as well as a summary of the quality control data associated with the analyses, and copies of your chain of custody documentation.

If you require additional information concerning these data or the report, or would like to make any suggestions and/or recommendations regarding our services, please contact one of our Client Services Representatives listed below:

Mr. Bill Deckelmann, Manager, Ext. 242
Ms. Molly McGraw, Ext. 243
Ms. Cindy Olavesen, Ext. 281

Sincerely,

Celia H. Mayeur
Report Center Supervisor

A division of
AFBI Environmental
Sciences Group, Inc.

Analytical Methodology

The Roy F. Weston sample(s) received on July 1, 1994, were analyzed for the following. Specific methods employed for the analyses are indicated.

Soil

ICP Metals by SW 6010

ETC/Gulf South Laboratory Quality Control

Our laboratory employs quality control (QC) measures and components to ensure the quality of analytical data by defining its accuracy and precision. Presentation of the QC data with a report allows the data user the opportunity to evaluate the results and as well as gauge the performance of the laboratory with the methods performed. In order to assist understanding these data, routine components of our QC program which are included in this report are defined below:

Batch - A batch is a group of 20 or less samples of a given matrix for analysis by a specific protocol or analytical method.

Blank - A method blank is a "clean" laboratory sample carried through the entire analytical process. A method blank is prepared with each batch of samples. The analysis of method blanks demonstrates that method interferences caused by contaminants in solvents, reagents and glassware are known and minimized. A method blank should not contain any analytes of interest above the reported detection limit. There are, however, method allowances made for common laboratory artifacts such as methylene chloride, acetone and phthalates.

Laboratory Control Spike - A laboratory control spike (LCS or blank spike) is a blank sample which is spiked with known concentrations of target analytes that is carried through the entire analytical process. An LCS is prepared with every batch of samples. The percent recovery of the spiked analytes provides a measure of the accuracy of the analytical process in the absence of matrix effects.

Matrix Spike - A matrix spike (MS) is a field sample which is spiked with known concentrations of target analytes that is carried through the entire analytical process. A MS is prepared with every batch of samples. For organics analysis, a matrix spike duplicate (MSD) is also prepared. The percent recovery of the spiked analytes provides a measure of the accuracy of the analytical process in the selected sample/matrix.

Duplicate - A duplicate is a sample for which replicate aliquots are carried through the entire analytical process. Comparison of the original sample results to those of the duplicate provides a measure of the precision of the analytical process in the selected sample. By convention, precision is demonstrated for inorganic and conventional water quality analyses using a sample and a sample duplicate, whereas an MS and MSD are used for organic analyses.

Surrogate - A surrogate is a non-target analyte which is added to all samples and QC samples (prior to extraction, if required). The percent recovery of the surrogate provides a measure of the accuracy of the analytical process in each sample tested. In general, surrogates are required only for organic analyses.

QC limits - QC limits specify a numerical range within which the percent recovery of a spiked compound can be expected to fall. QC limits are set either by specific method requirements or derived from internal evaluation of laboratory performance data. For many methods these limits are advisory and do not require corrective action if exceeded.

ETC/Gulf South
Sample Cross Reference Report

Episode: SNB

Project: EXIDE BATTERY/CONT. #68-WD-0036

Client: Roy F. Weston

Lab ID	Client ID	Matrix	Collected	Received
SNB-001	WG-1A	Soil	06/29/94	07/01/94
SNB-002	WG-1B	Soil	06/29/94	07/01/94
SNB-003	WG-2	Soil	06/29/94	07/01/94
SNB-004	WG-3	Soil	06/29/94	07/01/94
SNB-005	WG-4	Soil	06/29/94	07/01/94
SNB-006	WG-5	Soil	06/29/94	07/01/94
SNB-007	WG-6	Soil	06/29/94	07/01/94
SNB-008	WG-7	Soil	06/29/94	07/01/94
SNB-009	WG-8	Soil	06/29/94	07/01/94
SNB-010	WG-9	Soil	06/29/94	07/01/94
SNB-011	WG-10	Soil	06/29/94	07/01/94
SNB-012	WG-11	Soil	06/29/94	07/01/94
SNB-013	WG-12	Soil	06/29/94	07/01/94
SNB-014	WG-13	Soil	06/29/94	07/01/94
SNB-015	WG-14	Soil	06/29/94	07/01/94
SNB-016	WG-15	Soil	06/29/94	07/01/94
SNB-017	WG-16A	Soil	06/29/94	07/01/94
SNB-018	WG-16B	Soil	06/29/94	07/01/94
SNB-019	WG-17	Soil	06/29/94	07/01/94
SNB-020	WG-18A	Soil	06/29/94	07/01/94
SNB-021	WG-18B	Soil	06/29/94	07/01/94
SNB-022	WG-19A	Soil	06/29/94	07/01/94
SNB-023	WG-19B	Soil	06/29/94	07/01/94
SNB-024	WG-20	Soil	06/29/94	07/01/94
SNB-025	WG-21	Soil	06/29/94	07/01/94
SNB-026	WG-22	Soil	06/29/94	07/01/94
SNB-027	WG-23	Soil	06/29/94	07/01/94
SNB-028	WG-24	Soil	06/29/94	07/01/94
SNB-029	WG-25	Soil	06/29/94	07/01/94
SNB-030	WG-26	Soil	06/29/94	07/01/94

SNB-031	WG-27			
SNB-032	WG-28	Soil	06/29/94	07/01/94
SNB-033	WG-29	Soil	06/29/94	07/01/94
SNB-034	WG-30	Soil	06/29/94	07/01/94
SNB-035	WG-31	Soil	06/29/94	07/01/94
SNB-036	WG-32	Soil	06/29/94	07/01/94
SNB-037	WG-33	Soil	06/29/94	07/01/94
SNB-038	WG-34	Soil	06/29/94	07/01/94
SNB-039	WG-35	Soil	06/29/94	07/01/94
SNB-040	WG-36	Soil	06/29/94	07/01/94
SNB-041	WG-37	Soil	06/29/94	07/01/94
SNB-042	WG-38	Soil	06/29/94	07/01/94
SNB-043	WG-39	Soil	06/29/94	07/01/94
SNB-044	WG-40	Soil	06/29/94	07/01/94
SNB-045	WG-41	Soil	06/29/94	07/01/94
SNB-046	WG-42	Soil	06/29/94	07/01/94
SNB-047	WG-43	Soil	06/29/94	07/01/94
SNB-048	WG-44	Soil	06/29/94	07/01/94
SNB-049	WG-45	Soil	06/29/94	07/01/94
SNB-050	WG-46	Soil	06/29/94	07/01/94
SNB-051	WG-47	Soil	06/29/94	07/01/94

SNB-052	WG-48	Soil	06/29/94	07/01/94
SNB-053	WG-49	Soil	06/29/94	07/01/94
SNB-054	WG-50	Soil	06/29/94	07/01/94
SNB-055	WG-51	Soil	06/29/94	07/01/94

Analytical Results - Metals
Roy F. Weston

Client ID: WG-1A
Description: NA
ETC/Gulf South ID: SNB-001
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 16

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	243	ND	5.0

Client ID: WG-1B
Description: NA
ETC/Gulf South ID: SNB-002
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 19

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	35.2	ND	5.0

ND-Not Detected at or above the detection limit stated.

Analytical Results - Metals
Roy F. Weston

Client ID: WG-1A
Description: NA
ETC/Gulf South ID: SNB-001
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 16

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	243	ND	5.0

Client ID: WG-1B
Description: NA
ETC/Gulf South ID: SNB-002
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 19

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	35.2	ND	5.0

ND-Not Detected at or above the detection limit stated.

Analytical Results - Metals
Roy F. Weston

Client ID: WG-2
Description: NA
ETC/Gulf South ID: SNB-003
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 10

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	63.0	ND	5.0

Client ID: WG-3
Description: NA
ETC/Gulf South ID: SNB-004
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 25

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	442	ND	5.0

ND-Not Detected at or above the detection limit stated.

Client ID: WG-4
Description: NA
ETC/Gulf South ID: SNB-005
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 11

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	32.1	ND	5.0

Client ID: WG-5
Description: NA
ETC/Gulf South ID: SNB-006
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 13

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	39.3	ND	5.0

ND-Not Detected at or above the detection limit stated.

Analytical Results - Metals
Roy F. Weston

Client ID: WG-6
Description: NA
ETC/Gulf South ID: SNB-007
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 14

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	92.5	ND	5.0

Client ID: WG-7
Description: NA
ETC/Gulf South ID: SNB-008
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 17

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	431	ND	5.0

ND-Not Detected at or above the detection limit stated.

Analytical Results - Metals
Roy F. Weston

Client ID: WG-8
Description: NA
ETC/Gulf South ID: SNB-009
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 11

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	212	ND	5.0

Client ID: WG-9
Description: NA
ETC/Gulf South ID: SNB-010
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 13

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	416	ND	5.0

ND-Not Detected at or above the detection limit stated.

Analytical Results - Metals
Roy F. Weston

Client ID: WG-8
Description: NA
ETC/Gulf South ID: SNB-009
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 11

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	212	ND	5.0

Client ID: WG-9
Description: NA
ETC/Gulf South ID: SNB-010
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 13

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	416	ND	5.0

ND-Not Detected at or above the detection limit stated.

Analytical Results - Metals
Roy F. Weston

Client ID: WG-10
Description: NA
ETC/Gulf South ID: SNB-011
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 10

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	159	ND	5.0

Client ID: WG-11
Description: NA
ETC/Gulf South ID: SNB-012
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 14

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	339	ND	5.0

ND-Not Detected at or above the detection limit stated.

Analytical Results - Metals
Roy F. Weston

Client ID: WG-12
Description: NA
ETC/Gulf South ID: SNB-013
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed. 07/05/94
Percent Moisture: 15

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	317	ND	5.0

Client ID: WG-13
Description: NA
ETC/Gulf South ID: SNB-014
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 15

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	400	ND	5.0

ND-Not Detected at or above the detection limit stated.

Analytical Results - Metals
Roy F. Weston

Client ID: WG-14
Description: NA
ETC/Gulf South ID: SNB-015
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 12

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	228	ND	5.0

Client ID: WG-15
Description: NA
ETC/Gulf South ID: SNB-016
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 10

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	187	ND	5.0

ND-Not Detected at or above the detection limit stated.

Analytical Results - Metals
Roy F. Weston

Client ID: WG-16A
Description: NA
ETC/Gulf South ID: SNB-017
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 12

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	252	ND	5.0

Client ID: WG-16B
Description: NA
ETC/Gulf South ID: SNB-018
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 13

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	114	ND	5.0

ND=Not Detected at or above the detection limit stated.

Analytical Results - Metals
Roy F. Weston

Client ID: WG-17
Description: NA
ETC/Gulf South ID: SNB-019
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 12

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	289	ND	5.0

Client ID: WG-18A
Description: NA
ETC/Gulf South ID: SNB-020
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 13

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	386	ND	5.0

ND-Not Detected at or above the detection limit stated.

Analytical Results - Metals
Roy F. Weston

Client ID: WG-18B
Description: NA
ETC/Gulf South ID: SNB-021
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 22

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	35.6	ND	5.0

Client ID: WG-19A
Description: NA
ETC/Gulf South ID: SNB-022
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 6

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	265	ND	5.0

ND-Not Detected at or above the detection limit stated.

Analytical Results - Metals
Roy F. Weston

Client ID: WG-19B
Description: NA
ETC/Gulf South ID: SNB-023
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 8

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	50.4	ND	5.0

Client ID: WG-20
Description: NA
ETC/Gulf South ID: SNB-024
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 20

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	605	ND	5.0

ND-Not Detected at or above the detection limit stated.

Analytical Results - Metals
Roy F. Weston

Client ID: WG-21
Description: NA
ETC/Gulf South ID: SNB-025
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 8

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	127	ND	5.0

Client ID: WG-22
Description: NA
ETC/Gulf South ID: SNB-026
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 11

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	320	ND	5.0

ND-Not Detected at or above the detection limit stated.

Analytical Results - Metals
Roy F. Weston

Client ID: WG-23
Description: NA
ETC/Gulf South ID: SNB-027
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 19

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	374	ND	5.0

Client ID: WG-24
Description: NA
ETC/Gulf South ID: SNB-028
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 19

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	384	ND	5.0

ND-Not Detected at or above the detection limit stated.

Analytical Results - Metals
Roy F. Weston

Client ID: WG-25
Description: NA
ETC/Gulf South ID: SNB-029
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 17

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	241	ND	5.0

Client ID: WG-26
Description: NA
ETC/Gulf South ID: SNB-030
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 15

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	369	ND	5.0

ND-Not Detected at or above the detection limit stated.

Analytical Results - Metals
Roy F. Weston

Client ID: WG-27
Description: NA
ETC/Gulf South ID: SNB-031
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 20

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	329	ND	5.0

Client ID: WG-28
Description: NA
ETC/Gulf South ID: SNB-032
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 20

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	201	ND	5.0

ND-Not Detected at or above the detection limit stated.

Analytical Results - Metals
Roy F. Weston

Client ID: WG-29
Description: NA
ETC/Gulf South ID: SNB-033
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 17

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	376	ND	5.0

Client ID: WG-30
Description: NA
ETC/Gulf South ID: SNB-034
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 20

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	300	ND	5.0

ND-Not Detected at or above the detection limit stated.

Analytical Results - Metals
Roy F. Weston

Client ID: WG-31
Description: NA
ETC/Gulf South ID: SNB-035
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 10

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	188	ND	5.0

Client ID: WG-32
Description: NA
ETC/Gulf South ID: SNB-036
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 16

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	121	ND	5.0

ND-Not Detected at or above the detection limit stated.

Analytical Results - Metals
Roy F. Weston

Client ID: WG-33
Description: NA
ETC/Gulf South ID: SNB-037
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 22

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	170	ND	5.0

Client ID: WG-34
Description: NA
ETC/Gulf South ID: SNB-038
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 8

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	84.5	ND	5.0

ND-Not Detected at or above the detection limit stated.

Analytical Results - Metals
Roy F. Weston

Client ID: WG-35
Description: NA
ETC/Gulf South ID: SNB-039
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 11

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	42.1	ND	5.0

Client ID: WG-36
Description: NA
ETC/Gulf South ID: SNB-040
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/01/94
Analyzed: 07/05/94
Percent Moisture: 21

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	316	ND	5.0

ND-Not Detected at or above the detection limit stated.

Analytical Results - Metals
Roy F. Weston

Client ID: WG-37
Description: NA
ETC/Gulf South ID: SNB-041
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/05/94
Analyzed: 07/05/94
Percent Moisture: 20

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	250	ND	5.0

Client ID: WG-38
Description: NA
ETC/Gulf South ID: SNB-042
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/05/94
Analyzed: 07/05/94
Percent Moisture: 20

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	423	ND	5.0

ND-Not Detected at or above the detection limit stated.

Analytical Results - Metals
Roy F. Weston

Client ID: WG-39
Description: NA
ETC/Gulf South ID: SNB-043
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/05/94
Analyzed: 07/05/94
Percent Moisture: 12

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	252	ND	5.0

Client ID: WG-40
Description: NA
ETC/Gulf South ID: SNB-044
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/05/94
Analyzed: 07/05/94
Percent Moisture: 14

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	251	ND	5.0

ND-Not Detected at or above the detection limit stated.

Analytical Results - Metals
Roy F. Weston

Client ID: WG-41
Description: NA
ETC/Gulf South ID: SNB-045
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/05/94
Analyzed: 07/05/94
Percent Moisture: 23

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	471	ND	5.0

Client ID: WG-42
Description: NA
ETC/Gulf South ID: SNB-046
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/05/94
Analyzed: 07/05/94
Percent Moisture: 12

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	219	ND	5.0

ND-Not Detected at or above the detection limit stated.

Analytical Results - Metals
Roy F. Weston

Client ID: WG-43
Description: NA
ETC/Gulf South ID: SNB-047
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/05/94
Analyzed: 07/05/94
Percent Moisture: 16

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	406	ND	5.0

Client ID: WG-44
Description: NA
ETC/Gulf South ID: SNB-048
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/05/94
Analyzed: 07/05/94
Percent Moisture: 15

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	441	ND	5.0

ND-Not Detected at or above the detection limit stated.

Analytical Results - Metals
Roy F. Weston

Client ID: WG-45
Description: NA
ETC/Gulf South ID: SNB-049
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/05/94
Analyzed: 07/05/94
Percent Moisture: 9

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	125	ND	5.0

Client ID: WG-46
Description: NA
ETC/Gulf South ID: SNB-050
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/05/94
Analyzed: 07/05/94
Percent Moisture: 31

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	1670	ND	5.0

ND-Not Detected at or above the detection limit stated.

Analytical Results - Metals
Roy F. Weston

Client ID: WG-47
Description: NA
ETC/Gulf South ID: SNB-051
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/05/94
Analyzed: 07/05/94
Percent Moisture: 28

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	649	ND	5.0

Client ID: WG-48
Description: NA
ETC/Gulf South ID: SNB-052
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/05/94
Analyzed: 07/05/94
Percent Moisture: 44

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	2110	ND	5.0

ND-Not Detected at or above the detection limit stated.

Analytical Results - Metals
Roy F. Weston

Client ID: WG-49
Description: NA
ETC/Gulf South ID: SNB-053
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/05/94
Analyzed: 07/05/94
Percent Moisture: 21

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	551	ND	5.0

Client ID: WG-50
Description: NA
ETC/Gulf South ID: SNB-054
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/05/94
Analyzed: 07/05/94
Percent Moisture: 32

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	1190	ND	5.0

ND-Not Detected at or above the detection limit stated.

Analytical Results - Metals
Roy F. Weston

Client ID: WG-51
Description: NA
ETC/Gulf South ID: SNB-055
Matrix: Soil
Wet/Dry Basis: Dry

Collected: 06/29/94
Received: 07/01/94
Prepared: 07/05/94
Analyzed: 07/05/94
Percent Moisture: 23

Parameter	Method	Units	Sample	Blank	Detection Limit
Digestion	3050				
Lead	6010	mg/kg	293	ND	5.0

ND-Not Detected at or above the detection limit stated.

QA/QC SUMMARY

METALS

SOIL

PARAMETER	Matrix/Blank Spike Level	Digestate Blank Det'n Limits	Units	Blank Conc.	Spike Recovery (%) Matrix	Blank	Replicate Precision RPD	QC Batch #
Lead	119/50.9	5.0	mg/kg	ND	60(J6)	103	8.7	9141
Lead	128/50.9	5.0	mg/kg	ND	92	112	8.3	9142
Lead	125/50.9	5.0	mg/kg	ND	94	105	4.3	9143

(J6) The poor matrix spike recovery is attributed to the non-homogenous nature of the sample. Acceptable method performance for this analyte has been demonstrated by the laboratory control sample (LCS) recovery.

U. S. ENVIRONMENTAL PROTECTION AGENCY
REGION 4 TAT

CHAIN OF CUSTODY RECORD

~~ENVIRONMENTAL SERVICES DIVISION~~
~~COLLEGE STATION ROAD~~
~~ATHENS, GEORGIA 30613~~

Roy F. Weston
Atlanta, GA. 404 352-4147

PROJ. NO.: 16-3528
PROJECT NAME: EXIDE BATTERY
SAMPLERS (Signature): Terry Ryland, Mike Hill

Water/Wastewater | Sur Sed Sdy | Waste | Misc

Circle add Parameters Desired [ ] - Indicates Separate Containers

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	Total lead	REMARKS/TAG NUMBERS
WG-1A	6/29/94	1245		X	Westgate subdivision	1	X	T4-16972
WG-1B		1250		X		1	X	T4-16973
WG-2		1240		X		1	X	T4-16921
WG-3		1250		X		1	X	T4-16922
WG-4		1300		X		1	X	T4-16923
WG-5		1305		X		1	X	T4-16967
WG-6		1310		X		1	X	T4-16924
WG-7		1315		X		1	X	T4-16925
WG-8		1320		X		1	X	T4-16926
WG-9		1325		X		1	X	T4-16927
WG-10		1345		X		1	X	T4-16928
WG-11		1350		X		1	X	T4-16929
WG-12		1355		X		1	X	T4-16930
WG-13	↓	1400		X	↓	1	X	T4-16931

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by (Signature)	Date/Time	Received by: (Signature)	Remarks
Terry Ryland	6-29-94 1000	Fed. Ex.				two week turn around
Relinquished by (Signature)	Date/Time	Received by: (Signature)	Relinquished by (Signature)	Date/Time	Received by (Signature)	

DISTRIBUTION Original and Pink copies accompany sample shipment to laboratory. Pink copy retained by laboratory. Yellow copy retained by samplers. Blue copy extra copy as needed

T4-11337

U. S. ENVIRONMENTAL PROTECTION AGENCY
REGION 4 TAT

CHAIN OF CUSTODY RECORD

ENVIRONMENTAL SERVICES DIVISION
~~COLLEGE STATION ROAD~~
~~ATHENS, GEORGIA 30613~~

Roy F. Weston
Atlanta Ga (404) 352-4147

PROJ. NO. 16-3528
PROJECT NAME EXIDE BATTERY
SAMPLERS (Signature) Terry Ryland Mike Hill

Water/Wastewater | Soil/Sediment | Waste | Misc

STA NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	Total Lead	REMARKS/TAG NUMBERS
WG-14	6-29-94	1430		X	Westgate Subdivision	1	X	T4-16932
WG-15		1435		X		1	X	T4-16933
WG-16A		1450		X		1	X	T4-16934
WG-16B		1450		X		1	X	T4-16935
WG-17		1455		X		1	X	T4-16936
WG-18A		1500		X		1	X	T4-16937
WG-18B		1500		X		1	X	T4-16966
WG-19A		1440		X		1	X	T4-16939
WG-19B		1445		X		1	X	T4-16952
WG-20		1410		X		1	X	T4-16938
WG-21		1420		X		1	X	T4-16940
WG-22		1430		X		1	X	T4-16941
WG-23		1355		X		1	X	T4-16942
WG-24		1345		X		1	X	T4-16943

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Remarks
Terry Ryland	6-29-94 1060	Fed Ex.				Two week turnaround
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	

DISTRIBUTION Original and Pink copies accompany sample shipment to laboratory. Pink copy retained by laboratory. Yellow copy retained by samplers. Blue copy extra copy as needed

T4-11338

U. S. ENVIRONMENTAL PROTECTION AGENCY
REGION 4 TAT

CHAIN OF CUSTODY RECORD

ENVIRONMENTAL SERVICES DIVISION
COLLEGE STATION ROAD
ATHENS, GEORGIA 30613

Roy F. Weston
Atlanta Ga (404) 352-4147

PROJ. NO.

PROJECT NAME: Exide Battery

SAMPLERS (Signature): Terry Ryland Mike Hill

Water/Wastewater | Soil/Sediment | Waste | Misc.

Circled and Parameters Desired ( ) - Indicates Separate Containers

STA NO	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	Total Lead	REMARKS/TAG NUMBERS
WG-25	6-29-94	1335		X	Westgate Subdivision	1	X	T4-16944
WG-26		1335		X		1	X	T4-16945
WG-27		1315		X		1	X	T4-16946
WG-28		1315		X		1	X	T4-16947
WG-29		1315		X		1	X	T4-16948
WG-30		1310		X		1	X	T4-16949
WG-31		1303		X		1	X	T4-16950
WG-32		1300		X		1	X	T4-16951
WG-33		1300		X		1	X	T4-16953
WG-34		1256		X		1	X	T4-16954
WG-35		1255		X		1	X	T4-16955
WG-36		1320		X		1	X	T4-16956
WG-37		1316		X		1	X	T4-16957
WG-38		1337		X		1	X	T4-16958

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Remarks
Terry Ryland	6-29-94 1600	Fed. Ex.				
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	

DISTRIBUTION: Original and Pink copies accompany sample shipment to laboratory. Pink copy returned by laboratory. Yellow copy returned by samplers. Blue copy extra copy as needed

T4-11469

U. S. ENVIRONMENTAL PROTECTION AGENCY
REGION 4 TAT

CHAIN OF CUSTODY RECORD

ENVIRONMENTAL SERVICES DIVISION
COLLEGE STATION ROAD
ATHENS, GEORGIA 30613

PROJ. NO. 16-3528

PROJECT NAME Exide Battery

SAMPLERS (Signature) Terry Ryland Mike Hill

STA NO	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	Total	Field	REMARKS/TAG NUMBERS
WG-39	6-29-94	1510		X	Westgate Subdivision	1	X		T4-16959
WG-40		1345		X		1	X		T4-16960
WG-41		1350		X		1	X		T4-16961
WG-42		1440		X		1	X		T4-16962
WG-43		1415		X		1	X		T4-16971
WG-44		1457		X		1	X		T4-16970
WG-45		1500		X		1	X		T4-06181
WG-46		1457		X		1	X		T4-06184
WG-47		1505		X		1	X		T4-16965
WG-48		1505		X		1	X		T4-16964
WG-49		1510		X		1	X		T4-16963
WG-50		1515		X		1	X		T4-16968
WG-51		1535		X		1	X		T4-16969

Circumstances Permanent Desired ( ) - Indicates Separate Containers

Water/Wastewater | Sediment/Sludge | Waste | Misc

Relinquished by (Signature)	Date/Time	Received by (Signature)	Relinquished by (Signature)	Date/Time	Received by (Signature)	Remarks
Terry Ryland	6-29-94 1100	Fed Ex				Two weeks turnaround
Relinquished by (Signature)	Date/Time	Received by (Signature)	Relinquished by (Signature)	Date/Time	Received by (Signature)	

DISTRIBUTION Original and Pink copies accompany sample shipment to laboratory. Pink copy returned by laboratory. Yellow copy retained by samplers. Blue copy extra copy as needed

T4-11339

U. S. ENVIRONMENTAL PROTECTION AGENCY
REGION 4 TAT

CHAIN OF CUSTODY RECORD

~~ENVIRONMENTAL SERVICES DIVISION~~
~~COLLEGE STATION ROAD~~
~~ATHENS, GEORGIA 30613~~

Roy F. Weston
Atlanta, GA. 404 352-4147

PROJ. NO. 16-3528
PROJECT NAME EXIDE BATTERY
SAMPLERS (Signature) Terry Ryland, Mike Hill

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	Total lead	REMARKS/TAG NUMBER
WG-1A	6/29/94	1245		X	Westgate subdivision	1	X	T4-16972
WG-1B		1250		X		1	X	T4-16973
WG-2		1240		X		1	X	T4-16921
WG-3		1250		X		1	X	T4-16922
WG-4		1300		X		1	X	T4-16923
WG-5		1305		X		1	X	T4-16967
WG-6		1310		X		1	X	T4-16924
WG-7		1315		X		1	X	T4-16925
WG-8		1320		X		1	X	T4-16926
WG-9		1325		X		1	X	T4-16927
WG-10		1345		X		1	X	T4-16928
WG-11		1350		X		1	X	T4-16929
WG-12		1355		X		1	X	T4-16930
WG-13	✓	1400		X	✓	1	X	T4-16931

Concerned Parameters Desired ( ) - Indicates Separate Containers

Water/Wastewater: (Gal G (tot) org, Pest) (EP) (Pers); 40 ml vial (VOA); 250 ml G (TOX); P (Bact, TSS, Cl, R, Sol, etc); 1L G (phenol) (OG&G) (pest); 1L P (met, hard) (Tot. COD, N, P, etc); 0.5-1L P (ST); ½ gal or 1L P (CN); 8 oz G (tot) org (pest, herb) (met) (EP); 4 oz G (VOA); P or G (CN, S⁻, N, P, COD, etc); 8 oz G (tot) org (pest, herb) (VOA); 8 oz G (EP) (met, CN, S⁻) (P) (HP, BTU)

Soil/Sediment | Waste | Misc

Relinquished by: (Signature) Terry Ryland — Date/Time 6-29-94 1100 — Received by: (Signature) Fed.Ex.
Relinquished by: (Signature) — Date/Time — Received by: (Signature)
Relinquished by: (Signature) — Date/Time — Received by: (Signature)
Relinquished by: (Signature) — Date/Time — Received by: (Signature)

Remarks: two week turn around

DISTRIBUTION Original and Pink copies accompany sample shipment to laboratory. Pink copy retained by laboratory. Yellow copy retained by samplers. Blue copy extra copy as needed

T4-11337

U. S. ENVIRONMENTAL PROTECTION AGENCY
REGION 4 TAT

CHAIN OF CUSTODY RECORD

~~ENVIRONMENTAL SERVICES DIVISION~~
~~COLLEGE STATION ROAD~~
~~ATHENS, GEORGIA 30613~~

Roy F. Weston
Atlanta, GA. 404 352-4147

PROJ. NO. N6-3528
PROJECT NAME EXIDE BATTERY
SAMPLERS (Signature) Terry Ryland, Mike H.?

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	Total lead	REMARKS/TAT, NUMBERS
WG-1A	6/29/94	1245		X	Westgate subdivision	1	X	T4-16972
WG-1B		1250		X		1	X	T4-16973
WG-2		1240		X		1	X	T4-16921
WG-3		1250		X		1	X	T4-16922
WG-4		1304		X		1	X	T4-16923
WG-5		1305		X		1	X	T4-16967
WG-6		1310		X		1	X	T4-16924
WG-7		1315		X		1	X	T4-16925
WG-8		1320		X		1	X	T4-16926
WG-9		1325		X		1	X	T4-16927
WG-10		1345		X		1	X	T4-16928
WG-11		1350		X		1	X	T4-16929
WG-12		1355		X		1	X	T4-16930
WG-13	✓	1400		X	✓	1	X	T4-16931

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Remarks
Terry Ryland	6-29-94 1000	Fed.Ex.				two week turnaround
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	

DISTRIBUTION: Original and Pink copies accompany sample shipment to laboratory. Pink copy retained by laboratory. Yellow copy retained by sampler. Blue copy sent to copy as needed.

T4-11337

U. S. ENVIRONMENTAL PROTECTION AGENCY
REGION 4 ~~TAT~~

CHAIN OF CUSTODY RECORD

~~ENVIRONMENTAL SERVICES DIVISION~~
~~COLLEGE STATION ROAD~~
~~ATHENS, GEORGIA 30613~~

Roy F. Weston
Atlanta Ga (404) 352-4147

PROJECT NAME: EXIDE BATTERY
PROJ. NO.: 16-3528
SAMPLERS (Signature): Terry Ryland Mike Hill

Water/Wastewater | Soil/Sediment/Solids | Waste | Misc

Circle/add Parameters Desired ( ) - Indicates Separate Containers

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	total lead	REMARKS, TAG NUMBERS
WG-14	6-29-94	1430		X	Westgate Subdivision	1	X	T4-16932
WG-15		1435		X		1	X	T4-16933
WG-16A		1450		X		1	X	T4-16934
WG-16B		1450		X		1	X	T4-16935
WG-17		1455		X		1	X	T4-16936
WG-18A		1500		X		1	X	T4-16937
WG-18B		1500		X		1	X	T4-16966
WG-19A		1440		X		1	X	T4-16939
WG-19B		1445		X		1	X	T4-16952
WG-20		1410		X		1	X	T4-16938
WG-21		1420		X		1	X	T4-16940
WG-22		1430		X		1	X	T4-16941
WG-23		1355		X		1	X	T4-16942
WG-24		1345		X		1	X	T4-16943

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Remarks
Terry Ryland	6-29-94 1010	Fed Ex.				Two week turnaround
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by (Signature)	Date/Time	Received by: (Signature)	

DISTRIBUTION Original and Pink copies accompany sample shipment to laboratory. Pink copy retained by laboratory. Yellow copy retained by samplers. Blue copy extra copy as needed.

T4-11338

U. S. ENVIRONMENTAL PROTECTION AGENCY
REGION 4 TAT

CHAIN OF CUSTODY RECORD

~~ENVIRONMENTAL SERVICES DIVISION~~
~~COLLEGE STATION ROAD~~
~~ATHENS, GEORGIA 30613~~

Roy F. Weston
Atlanta Ga (404) 352-4147

PROJ. NO. 16-3528
PROJECT NAME EXIDE BATTERY
SAMPLERS (Signature) Terry Ryland Mike Hill

Water/Wastewater | Soil Sed/Sludge | Waste | Misc

Circle/add Parameters Desired ( ) - Indicates Separate Containers

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	(Gal G (sol org Pest) (EP) (herb)	40 ml vial (VOA)	250 ml G (TO)	P (Bod, TSS, Cl, Fl, Sul, etc)	R.G (phenol) (O&G) (pest)	N.P (met, herb) (Tox, COC, N, P, etc)	0.5-1LP (S")	¼ Gal or 1LP (CN)	8 oz G (sol org, pest, herb) (met) (EP)	4 oz G (VOA)	P or G (CN S" N, P, COD, etc)	8 oz G (sol org, pest, herb, VOA)	8 oz G (EP) (met, CN, S") (FP) (IP, BTU)	Total Tad	REMARKS/TAG NUMBERS
WG-14	6-29-94	1430		X	Westgate Subdivision	1														X	T4-16932
WG-15		1435		X		1														X	T4-16933
WG-16A		1450		X		1														X	T4-16934
WG-16B		1450		X		1														X	T4-16935
WG-17		1455		X		1														X	T4-16936
WG-18A		1500		X		1														X	T4-16937
WG-18B		1500		X		1														X	T4-16966
WG-19A		1440		X		1														X	T4-16939
WG-19B		1445		X		1														X	T4-16952
WG-20		1410		X		1														X	T4-16938
WG-21		1420		X		1														X	T4-16940
WG-22		1430		X		1														X	T4-16941
WG-23		1355		X		1														X	T4-16942
WG-24		1345		X		1														X	T4-16943

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Remarks
Terry Ryland	6-29-94 1060	Fed Ex.				Two week turnaround
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	

DISTRIBUTION. Original and Pink copies accompany sample shipment to laboratory. Pink copy retained by laboratory. Yellow copy retained by samplers. Blue copy extra copy as needed

T4-11338

U. S. ENVIRONMENTAL PROTECTION AGENCY
REGION 4 TAT

CHAIN OF CUSTODY RECORD

ENVIRONMENTAL SERVICES DIVISION
COLLEGE STATION ROAD
ATHENS, GEORGIA 30613

Roy F. Weston
Atlanta Ga (404) 352-4147

PROJ. NO.

PROJECT NAME: Exide Battery

SAMPLERS (Signature): Terry Ryland Mike Hill

Water/Wastewater | Soil/Sea. Sedg | Waste | Misc

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	Total lead	REMARKS/TAG NUMBERS
WG-25	6-29-94	1335		X	Westgate Subdivision	1	X	T4-16944
WG-26		1335		X		1	X	T4-16945
WG-27		1315		X		1	X	T4-16946
WG-28		1305		X		1	X	T4-16947
WG-29		1315		X		1	X	T4-16948
WG-30		1310		X		1	X	T4-16949
WG-31		1303		X		1	X	T4-16950
WG-32		1300		X		1	X	T4-16951
WG-33		1300		X		1	X	T4-16953
WG-34		1256		X		1	X	T4-16954
WG-35		1255		X		1	X	T4-16955
WG-36		1320		X		1	X	T4-16956
WG-37		1336		X		1	X	T4-16957
WG-38		1337		X		1	X	T4-16958

Circle/add Parameters Desired ( ) - Indicates Separate Containers

(Gal G (ext org Pest) (EP) (nec b) | 40 ml vial (VOA) | 250 ml G (TOX) | P, 500 TSS, Cl, Fl, Sol, etc) | 1LG (phenol) (O&G) (pest) | 1LP (met, nerb) (Toc, COD, N, P, etc) | 0.5-1LP (S⁻) | ½ gal or 1LP (CN) | 8 oz G (ext org, pest, herb) (met) (EP) | 4 oz G (VOA) | P or G (CN, S⁻, N, P, COD, etc) | 8 oz G (ext org, pest, herb, VOA) | 8 oz G (EP) (met, CN, S⁻, TP) (FP, BTU)

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Remarks
Terry Ryland	6-29-94 1400	Fed. Ex.				
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by (Signature)	Date/Time	Received by: (Signature)	

DISTRIBUTION Original and Pink copies accompany sample shipment to laboratory. Pink copy retained by laboratory. Yellow copy retained by samplers. Blue copy extra copy as needed

T4-11469

U. S. ENVIRONMENTAL PROTECTION AGENCY
REGION 4 TAT

CHAIN OF CUSTODY RECORD

ENVIRONMENTAL SERVICES DIVISION
COLLEGE STATION ROAD
ATHENS, GEORGIA 30613

Roy F. Weston
Atlanta Ga (404) 352-4147

PROJ. NO.

PROJECT NAME: Exide Battery

SAMPLERS (Signature): Terry Ryland Mike Hill

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	Total Lead	REMARKS/TAG NUMBERS
WG-25	6-29-94	1335		X	Westgate Subdivision	1	X	T4-16944
WG-26		1335		X		1	X	T4-16945
WG-27		1315		X		1	X	T4-16946
WG-28		1305		X		1	X	T4-16947
WG-29		1315		X		1	X	T4-16948
WG-30		1310		X		1	X	T4-16949
WG-31		1303		X		1	X	T4-16950
WG-32		1300		X		1	X	T4-16951
WG-33		1300		X		1	X	T4-16953
WG-34		1256		X		1	X	T4-16954
WG-35		1255		X		1	X	T4-16955
WG-36		1320		X		1	X	T4-16956
WG-37		1336		X		1	X	T4-16957
WG-38		1337		X		1	X	T4-16958

Circle/add Parameters Desired ( ) - Indicates Separate Containers

Water/Wastewater: (Gal) G (ext org, pest) Pest (EP) (herb); 40 ml vial (VOA); 250 ml G (TOX); P (Bod, TSS, Cl, Fl, Sol, etc); K G (phenol) (O&G) (pest); N P (met, herb) (TOC, COD, N, P, etc); O-N-P (ST); N gal or N P (CN); 8 oz G (ext org, pest, herb) (met) (EP); 4 oz G (VOA); P oz G (CN, S, N, P, COD, etc); 8 oz G (ext org, pest, herb, VOA); 8 oz G (EP) (met, CN, S, FP) (FP, BTU)

Soil/Sed/Sludge

Waste

Misc

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Remarks
Terry Ryland	6-29-94 1100	Fed. Ex.				
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	

DISTRIBUTION. Original and Pink copies accompany sample shipment to laboratory. Pink copy retained by laboratory. Yellow copy retained by samplers. Blue copy extra copy as needed.

T4-11469

U. S. ENVIRONMENTAL PROTECTION AGENCY
REGION 4 TAT

CHAIN OF CUSTODY RECORD

ENVIRONMENTAL SERVICES DIVISION
COLLEGE STATION ROAD
ATHENS, GEORGIA 30613

PROJ. NO. 116-3528

PROJECT NAME Exide Battery

SAMPLERS (Signature) Terry Ryland Mike Hill

Water/Wastewater | Soil/Sed./Sludg | Waste | Misc

Circle/add Parameters Desired ( ) - Indicates Separate Containers

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	(Cal G (ext org, Pest) (EP) (metal)	40 ml vial (VOA)	250 ml G (TOX)	P (Bod, TSS, Cl, Fl, Sol, etc)	1 G (phenol) (O&G) (pest)	1 P (inst, hard) (Toc, COD, N, P, etc)	0.5-1 LP (S)	½ gal or 1 LP (CN)	8 oz G (ext org, pest, herb) (met) (EP)	4 oz G (VOA)	P or G (CN, S⁻, N, P, COD, etc)	8 oz G (ext org, ... hydr, VOA)	8 oz G (EP) (in 1 CN, S⁻, P) (if P, BTU)	Total Pad	REMARKS/TAG NUMBERS
WG-39	6-29-94	1510		X	Westgate Subdivision	1														X	T4-16959
WG-40	↓	1345		X	↓	1														X	T4-16960
WG-41		1350		X		1														X	T4-16961
WG-42		1440		X		1														X	T4-16962
WG-43		1415		X		1														X	T4-16971
WG-44		1457		X		1														X	T4-16970
WG-45		1500		X		1														X	T4-06181
WG-46		1457		X		1														X	T4-06184
WG-47		1505		X		1														X	T4-16965
WG-48		1505		X		1														X	T4-16964
WG-49		1510		X		1														X	T4-16963
WG-50		1515		X		1														X	T4-16968
WG-51	↓	1535		X	↓	1														X	T4-16969

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Remarks
Terry Ryland	6-29-94 1000	Fed Ex				Two weeks turnaround
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	

DISTRIBUTION: Original and Pink copies accompany sample shipment to laboratory. Pink copy retained by laboratory. Yellow copy retained by samplers. Blue copy extra copy as needed

T4-11339

U. S. ENVIRONMENTAL PROTECTION AGENCY
REGION 4 TAT

CHAIN OF CUSTODY RECORD

ENVIRONMENTAL SERVICES DIVISION
COLLEGE STATION ROAD
ATHENS, GEORGIA 30613

PROJ. NO. 16-3528
PROJECT NAME Exide Battery
SAMPLERS (Signature) Terry Ryland Mike Hill

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	Total lead	REMARKS/TAG NUMBERS
WG-39	6-29-94	1510		X	Westgate Subdivision	1	X	T4-16959
WG-40		1345		X		1	X	T4-16960
WG-41		1350		X		1	X	T4-16961
WG-42		1440		X		1	X	T4-16962
WG-43		1415		X		1	X	T4-16971
WG-44		1457		X		1	X	T4-16970
WG-45		1500		X		1	X	T4-06181
WG-46		1457		X		1	X	T4-06184
WG-47		1505		X		1	X	T4-16965
WG-48		1505		X		1	X	T4-16964
WG-49		1510		X		1	X	T4-16963
WG-50		1515		X		1	X	T4-16968
WG-51		1535		X		1	X	T4-16969

Circle/add Parameters Desired ( ) - Indicates Separate Containers

Water/Wastewater: (Gal) G (ext org, pest) (EP) (hard); 40 ml vial (VOA); 250 ml G (TOX); P (Bod, TSS, Cl, Fl, Sol, etc); K G (phenol) (O&G) (pest); N P (inst, hard) (Toc, COD, N, P, etc); O S-ILP (S); ¼ gal or ILP (CN); 8 oz G (ext org, pest, herb) (mal) (EP); 4 oz G (VOA); P or G (CN, S=, N, P, COD, etc); 8 oz G (ext, org, pest, herb, VOA); 8 oz G (EP) (inst, CN, S=, FP) (FP, BTU)

Soil/Sed/Sedg

Waste

Misc

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Remarks
Terry Ryland	6-29-94 1000	Fed Ex				Two weeks turnaround
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	

DISTRIBUTION. Original and Pink copies accompany sample shipment to laboratory. Pink copy retained by laboratory. Yellow copy retained by samplers. Blue copy extra copy as needed

T4-11339

U. S. ENVIRONMENTAL PROTECTION AGENCY
REGION 4 TAT

CHAIN OF CUSTODY RECORD

~~ENVIRONMENTAL SERVICES DIVISION~~
~~COLLEGE STATION ROAD~~
~~ATHENS, GEORGIA 30613~~

Roy F. Weston
Atlanta, GA. 404 352-4147

PROJ NO: K-3528
PROJECT NAME: EXIDE BATTERY
SAMPLERS (Signature): Terry Pyland, Nik. H.?

STA NO	DATE	TIME	COMP	GRAB	STATION LOCATION	NO OF CONTAINERS	Total lead	REMARKS TAG NUMBERS
WG-1A	6/29/94	1245		X	Westgate subdivision	1	X	T4-16972
WG-1B		1250		X		1	X	T4-16973
WG-2		1240		X		1	X	T4-16921
WG-3		1250		X		1	X	T4-16922
WG-4		1300		X		1	X	T4-16923
WG-5		1305		X		1	X	T4-16967
WG-6		1310		X		1	X	T4-16924
WG-7		1315		X		1	X	T4-16925
WG-8		1320		X		1	X	T4-16926
WG-9		1325		X		1	X	T4-16927
WG-10		1345		X		1	X	T4-16928
WG-11		1350		X		1	X	T4-16929
WG-12		1355		X		1	X	T4-16930
WG-13		1400		X		1	X	T4-16931

Relinquished by (Signature)	Date/Time	Received by (Signature)	Relinquished by (Signature)	Date/Time	Received by (Signature)	Remarks
Terry Pyland	6-29-94 1100	Fed. Ex.				two week turn around
Relinquished by (Signature)	Date/Time	Received by (Signature)	Relinquished by (Signature)	Date/Time	Received by (Signature)	

DISTRIBUTION: Original and Pink copies accompany sample shipment to laboratory. Pink copy retained by laboratory. Yellow copy retained by sampler. Blue copy extra copy as needed.

T4-11337

U. S. ENVIRONMENTAL PROTECTION AGENCY
REGION 4 TAT

CHAIN OF CUSTODY RECORD

~~ENVIRONMENTAL SERVICES DIVISION~~
~~COLLEGE STATION ROAD~~
~~ATHENS, GEORGIA 30613~~

Roy F. Weston
Atlanta, GA. 404 352-4147

PROJ. NO. 16-3528
PROJECT NAME EXIDE BATTERY
SAMPLERS (Signature) Terry Ryland, Mike Hill

Water/Wastewater | Soil/Sed/Slog | Waste | Misc

STA NO	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	Total lead	REMARKS/TAG NUMBERS
WG-1A	6/29/94	1245		X	Westgate subdivision	1	X	T4-16972
WG-1B		1250		X		1	X	T4-16973
WG-2		1240		X		1	X	T4-16921
WG-3		1250		X		1	X	T4-16922
WG-4		1300		X		1	X	T4-16923
WG-5		1305		X		1	X	T4-16967
WG-6		1310		X		1	X	T4-16924
WG-7		1315		X		1	X	T4-16925
WG-8		1320		X		1	X	T4-16926
WG-9		1325		X		1	X	T4-16927
WG-10		1345		X		1	X	T4-16928
WG-11		1350		X		1	X	T4-16929
WG-12		1355		X		1	X	T4-16930
WG-13		1400		X		1	X	T4-16931

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Remarks
Terry Ryland	6-29-94 / 1000	Fed.Ex.				two week turn around
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	

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T4-11337

U. S. ENVIRONMENTAL PROTECTION AGENCY
REGION 4 ~~ATLANTA~~

CHAIN OF CUSTODY RECORD

~~ENVIRONMENTAL SERVICES DIVISION~~
~~COLLEGE STATION ROAD~~
~~ATHENS, GEORGIA 30613~~

Roy F. Weston
Atlanta Ga (404) 352-4147

PROJ. NO.: 16-3528
PROJECT NAME: EXIDE BATTERY
SAMPLERS (Signature): Terry Ryland, Mike Hill

Water/Wastewater | Soil/Sed/Slag | Waste | Misc

STA. NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	(Gal) G (ext org. Pest) (EP) (Herb)	40 ml vial (VOA)	250 ml G (TOX)	P (Bod, TSS, Cl, Fl, Soil, etc)	ILG (phen.) (O&G) (pest)	ILP (met, hard) (Toc, COD, N, P, etc)	0.5 ILP (S)	½ gal or ILP (CN)	8 oz G (ext org. pest, herb) (met) (EP)	4 oz G (VOA)	P or G (CN, S⁻, N, P, COD etc)	8 oz G (ext org. pest, herb, VOA)	8 oz G (EP) (met, CN, S⁻, FP) (FP, BTU)	Total lead	REMARKS/TAG NUMBERS
WG-14	6-29-94	1430		X	Westgate Subdivision	1														X	T4-16932
WG-15		1435		X		1														X	T4-16933
WG-16A		1450		X		1														X	T4-16934
WG-16B		1450		X		1														X	T4-16935
WG-17		1455		X		1														X	T4-16936
WG-18A		1500		X		1														X	T4-16937
WG-18B		1500		X		1														X	T4-16966
WG-19A		1440		X		1														X	T4-16939
WG-19B		1445		X		1														X	T4-16952
WG-20		1410		X		1														X	T4-16938
WG-21		1420		X		1														X	T4-16940
WG-22		1430		X		1														X	T4-16941
WG-23		1355		X		1														X	T4-16942
WG-24		1345		X		1														X	T4-16943

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Remarks
Terry Ryland	6-29-94 1000	Fed Ex.				Two week turnaround
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	

DISTRIBUTION: Original and Pink copies accompany sample shipment to laboratory. Pink copy retained by laboratory. Yellow copy retained by samplers. Blue copy extra copy as needed.

T4-11338

U. S. ENVIRONMENTAL PROTECTION AGENCY
REGION 4 TAT

CHAIN OF CUSTODY RECORD

~~ENVIRONMENTAL SERVICES DIVISION~~
~~COLLEGE STATION ROAD~~
~~ATHENS, GEORGIA 30613~~

Roy F. Weston
Atlanta Ga (404) 352-4147

PROJ. NO. 16-3528
PROJECT NAME EXIDE BATTERY
SAMPLERS (Signature) Terry Ryland Mike Hill

Water/Wastewater | Soil/Sed/Sludg | Waste | Misc

Circle/add Parameters Desired ( ) - Indicates Separate Containers

STA NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	(Gal G (ext org. Pest) (EP) (herb)	40 ml vial (VOA)	250 ml G (TOX)	P (Bod, TSS, Cl, Fl, Sot, etc)	1LG (phenol) (O&G) (pest)	1LP (met, hard) (Toc, COD, N, P, etc)	0.5-1LP (S)	½ gal or 1LP (CN)	8 oz G (ext org, pest, herb) (vail) (EP)	4 oz G (VOA)	P or G (CN, S⁻, N, P, COD, etc)	8 oz G (ext org, pest, herb, VOA)	8 oz G (EP) (met, CN, S⁻, PP) (FP, BTU)	Total Lead	REMARKS/TAG NUMBERS
WG-14	6-29-94	1430		X	Westgate Subdivision	1														X	T4-16932
WG-15		1435		X		1														X	T4-16933
WG-16A		1450		X		1														X	T4-16934
WG-16B		1450		X		1														X	T4-16935
WG-17		1455		X		1														X	T4-16936
WG-18A		1500		X		1														X	T4-16937
WG-18B		1500		X		1														X	T4-16966
WG-19A		1440		X		1														X	T4-16939
WG-19B		1445		X		1														X	T4-16932
WG-20		1410		X		1														X	T4-16938
WG-21		1420		X		1														X	T4-16940
WG-22		1430		X		1														X	T4-16941
WG-23		1355		X		1														X	T4-16942
WG-24		1345		X		1														X	T4-16943

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Remarks
Terry Ryland	6-29-94 1060	Fed Ex.				Two week turnaround
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	

DISTRIBUTION: Original and Pink copies accompany sample shipment to laboratory, Pink copy retained by laboratory, Yellow copy retained by samplers, Blue copy extra copy as needed.

T4-11338

U. S. ENVIRONMENTAL PROTECTION AGENCY
REGION 4 TAT

CHAIN OF CUSTODY RECORD

ENVIRONMENTAL SERVICES DIVISION
COLLEGE STATION ROAD
ATHENS, GEORGIA 30613

Roy F. Weston
Atlanta Ga (404) 352-4147

PROJ. NO.

PROJECT NAME: Exide Battery

SAMPLERS (Signature): Terry Ryland Mike Hill

Water/Wastewater | Soil/Sed/Sludg | Waste | Misc

Circle/add Parameters Desired ( ) - Indicates Separate Containers

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	(Gal) G (ext org. Pest) (EP) (herb)	40 ml vial (VOA)	250 ml G (TOX)	P (Bod, TSS, Cl, Fl, Sol, etc)	1L G (phenol) (O&G) (pest)	1LP (met, hard) (TOC, COD, N, P etc)	0.5-1LP (S⁻)	½ gal or 1LP (CN)	8 oz G (ext org. pest, herb) (mat) (EP)	4 oz G (VOA)	P or G (CN, S⁻, N, P, COD, etc)	8 oz G (ext org. pest, herb, VOA)	8 oz G (EP) (met, CN, S⁻, FP) (FP, BTU)	total lead	REMARKS/TAG NUMBERS
WG-25	6-29-94	1335		X	Westgate Subdivision	1														X	T4-16944
WG-26		1335		X		1														X	T4-16945
WG-27		1315		X		1														X	T4-16946
WG-28		1305		X		1														X	T4-16947
WG-29		1315		X		1														X	T4-16948
WG-30		1310		X		1														X	T4-16949
WG-31		1303		X		1														X	T4-16950
WG-32		1300		X		1														X	T4-16951
WG-33		1300		X		1														X	T4-16953
WG-34		1256		X		1														X	T4-16954
WG-35		1255		X		1														X	T4-16955
WG-36		1320		X		1														X	T4-16956
WG-37		1336		X		1														X	T4-16957
WG-38		1337		X		1														X	T4-16958

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Remarks
Terry Ryland	6-29-94 1400	Fed. Ex.				
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	

DISTRIBUTION: Original and Pink copies accompany sample shipment to laboratory, Pink copy retained by laboratory. Yellow copy retained by samplers, Blue copy extra copy as needed.

T4-11469

U. S. ENVIRONMENTAL PROTECTION AGENCY
REGION 4 TAT

CHAIN OF CUSTODY RECORD

ENVIRONMENTAL SERVICES DIVISION
COLLEGE STATION ROAD
ATHENS, GEORGIA 30613

Roy F. Weston
Atlanta Ga (404) 352-4147

PROJ. NO.

PROJECT NAME: Exide Battery

SAMPLERS (Signature): Terry Ryland Mike Hill

Water/Wastewater | Soil/Sed/Sludg | Waste | Misc

Circle/add Parameters Desired ( ) - Indicates Separate Containers

STA NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	(Gal G (ext org. Pest) (EP) (herb)	40 ml vial (VOA)	250 ml G (TOX)	P (Bod, TSS, Cl, Fl, SO_4 etc)	1LG (phenol) (O&G) (Uni)	1LP (met, nerd) (Toc, COD, N, P, etc)	0.5-1LP (ST)	½ gal or 1LP (CN)	8 oz G (ext org. pest, herb) (met) (EP)	4 oz G (VOA)	P or G (CN, S⁻, N, P, COD, etc)	8 oz G (ext org. pest, herb, VOA)	8 oz G (EP) (met, CN, S⁻) (EP) (FP, BTU)	Total Lead	REMARKS/TAG NUMBERS
WG-25	6-29-94	1335		X	Westgate Subdivision	1														X	T4-16944
WG-26		1335		X		1														X	T4-16945
WG-27		1315		X		1														X	T4-16946
WG-28		1305		X		1														X	T4-16947
WG-29		1315		X		1														X	T4-16948
WG-30		1310		X		1														X	T4-16949
WG-31		1303		X		1														X	T4-16950
WG-32		1300		X		1														X	T4-16951
WG-33		1300		X		1														X	T4-16953
WG-34		1256		X		1														X	T4-16954
WG-35		1255		X		1														X	T4-16955
WG-36		1320		X		1														X	T4-16956
WG-37		1336		X		1														X	T4-16957
WG-38		1337		X		1														X	T4-16958

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Remarks
Terry Ryland	6-29-94 1140	Fed. Ex.				
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	

DISTRIBUTION: Original and Pink copies accompany sample shipment to laboratory, Pink copy retained by laboratory. Yellow copy retained by samplers, Blue copy extra copy as needed.

T4-11469

U. S. ENVIRONMENTAL PROTECTION AGENCY
REGION 4 TAT

CHAIN OF CUSTODY RECORD

ENVIRONMENTAL SERVICES DIVISION
COLLEGE STATION ROAD
ATHENS, GEORGIA 30613

PROJ. NO.: 16-3528
PROJECT NAME: Exide Battery
SAMPLERS (Signature): Terry Ryland, Mike Hill

STA NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	Water/Wastewater	Soil/Sed/Sludge	Waste	Misc	REMARKS/TAG NUMBERS
WG-39	6-29-94	1510		X	Westgate Subdivision	1			X		T4-16959
WG-40		1345		X		1			X		T4-16960
WG-41		1350		X		1			X		T4-16961
WG-42		1440		X		1			X		T4-16962
WG-43		1415		X		1			X		T4-16971
WG-44		1457		X		1			X		T4-16970
WG-45		1500		X		1			X		T4-06181
WG-46		1457		X		1			X		T4-06184
WG-47		1505		X		1			X		T4-16965
WG-48		1505		X		1			X		T4-16964
WG-49		1510		X		1			X		T4-16963
WG-50		1515		X		1			X		T4-16968
WG-51		1535		X		1			X		T4-16969

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Remarks
Terry Ryland	6-29-94 1000	Fed Ex				Two weeks turnaround
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	

DISTRIBUTION: Original and Pink copies accompany sample shipment to laboratory, Pink copy retained by laboratory. Yellow copy retained by samplers, Blue copy extra copy as needed.

T4-11339

U. S. ENVIRONMENTAL PROTECTION AGENCY
REGION 4 TAT

CHAIN OF CUSTODY RECORD

ENVIRONMENTAL SERVICES DIVISION
COLLEGE STATION ROAD
ATHENS, GEORGIA 30613

PROJ. NO. 16-3528

PROJECT NAME Exide Battery

SAMPLERS (Signature) Terry Ryland Mike Hill

Water/Wastewater | Soil/Sed/Sludge | Waste | Misc

Circle/add Parameters Desired ( ) - Indicates Separate Containers

STA NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	1Gal G (est org Pest) (EP) (herb)	40 ml vial (VOA)	250 ml G (TOX)	P (Bod, TSS, Cl, Fl, Sol, etc)	1L G (phenol) (O&G) (pest)	1L P (met, herb) (TOC, COD, N, P, etc)	0.5 L P (S⁻)	½ gal or 1 L P (CN)	8 oz G (est org, pest, herb) (met) (EP)	4 oz G (VOA)	½ or G (Cl⁻, S⁻, N, P, COD etc)	8 oz G (est org, Sed, herb, VOA)	8 oz G (EP) (met, CN, S⁻, FP) (FP, BTU)	Total Tag	REMARKS/TAG NUMBERS
WG-39	6-29-94	1510		X	Westgate Subdivision	1														X	T4-16959
WG-40		1345		X		1														X	T4-16960
WG-41		1350		X		1														X	T4-16961
WG-42		1440		X		1														X	T4-16962
WG-43		1415		X		1														X	T4-16971
WG-44		1457		X		1														X	T4-16970
WG-45		1500		X		1														X	T4-06181
WG-46		1457		X		1														X	T4-06184
WG-47		1505		X		1														X	T4-16965
WG-48		1505		X		1														X	T4-16964
WG-49		1510		X		1														X	T4-16963
WG-50		1515		X		1														X	T4-16968
WG-51		1535		X		1														X	T4-16969

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Remarks
Terry Ryland	6-29-94 1000	Fed Ex				Two weeks turnaround
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	

DISTRIBUTION Original and Pink copies accompany sample shipment to laboratory. Pink copy retained by laboratory. Yellow copy retained by samplers. Blue copy extra copy as needed.

T4-11339

WESTON
MANAGERS DESIGNERS CONSULTANTS
WEST CHESTER, PA 19380-1499
PHONE: 215-692-3030
FAX: 215-741-4678

PURCHASE ORDER No. 16-03520 AMEND No.

PURCHASE ORDER AND BLANKET ORDER NUMBERS MUST APPEAR ON INVOICES, PACKAGES, SHIPPING PAPERS AND CORRESPONDENCE IN PACKING LIST IN EACH PACKAGE

REQUISITION NO.	DATE OF ORDER	DELIVERY REQUIRED	PAYMENT TERMS	F.O.B.	PAGE
04-2200	06/28/94	07/15/94	Net 30	DESTINATION	1 OF

TO	SHIP TO
ETC 6801 PRESS DRIVE EAST BLDG NEW ORLEANS, LA 70126	ROY F. WESTON, INC./MPD 1575 NORTHSIDE DRIVE, NW SUITE 325 ATLANTA, GA 30318 ATTN: PAULA MACLAREN

SHIP VIA							PRIME CONTRACT NO.	DPAS RATING	TAXABLE	TAX EXE
YOUR DELIV	OUR PICKUP	UPS	MTR FRT.	MAIL	AIR FRT.	OTHER				
X							6S-WO-0036		X	

SUPPLEMENTAL PROVISIONS ATTACHED HERETO AND MADE A PART HEREOF: X

PLEASE FURNISH THE FOLLOWING SUBJECT TO AND IN ACCORDANCE INSTRUCTIONS, TERMS AND CONDITIONS ON THE FACE AND BACK HEREOF SALES OR USE TAX, AS APPLICABLE.

ITEM	QUANTITY	U/M	PART NUMBER/ DESCRIPTION	UNIT PRICE	TOTAL
1	50		SOIL - TOTAL LEAD	12.00	600.
2	1		LABORATORY BLANKS (DAYS OF ANALYSIS)	0.00	0.
			2 WEEK TURNAROUND TIME WITH LATE PENALTY FEES APPLYING.		
			CONFIRMING ORDER - DO NOT DUPLICATE		
			THE ATTACHED SUPPLEMENTAL PROVISIONS(TAT 4/94) ARE HEREBY FLOWED DOWN BY REFERENCE		
			TAT CONTRACT NUMBER: 6S-WO-0036 TOTAL :		$ 600.

SEND INVOICES IN DUPLICATE TO:
ROY F. WESTON, INC.
ONE WESTON WAY
WEST CHESTER, PA 19380
ATTN: ACCOUNTS PAYABLE

ADDRESS CORRESPONDENCE TO:
ROY F. WESTON, INC.
ONE WESTON WAY
WEST CHESTER, PA 19380
ATTN: SKIP WHITE

ROY F. WESTON, INC.
By [signature] BUYER SIGNATURE
Date 7-8-94

AN AFFIRMATIVE ACTION EMPLOYER

DATE RECEIVED	RECEIVED AND APPROVED FOR PAYMENT BY	COMPLETE	PARTIAL	INVOICE DATE	INVOICE NO.	INVOICE AMOUNT	DATE TO ACCOUNTING
07/15/94	Paula MacLaren		✓				

DEPT. NO./ACCOUNT	WORK ORDER NO.	CAPITALIZE	3RD PARTY LEASE	AUTHORIZATION	VENDOR CODE
640	SLC:47030 05300-031-004-0540			ANALYT.	

FOR ACCOUNTING USE

VENDOR CLASS
☐ LB ☐ SB ☐ SD
☐ WB ☐ NP ☐ BC

REQUISITIONER C

WESTON
MANAGERS DELIVERS CONSULTANTS

WEST CHESTER, PA 19380-1499
PHONE: 215-692-3030
FAX: 215-524-4678

AMEND
No. 16-03528 No. C

PURCHASE ORDER AND BLANKET ORDER NUMBERS MUST APPEAR ON INVOICES, PACKAGES, SHIPPING PAPERS AND CORRESPONDENCE. INCLUDE PACKING LIST IN EACH PACKAGE.

REQUISITION NO.	DATE OF ORDER	DELIVERY REQUIRED	PAYMENT TERMS	F.O.B.	PAGE
04-2208	06/28/94	07/15/94	Net 30	DESTINATION	1 OF

TO	SHIP TO
STC 6001 PRESS DRIVE EAST BLDG NEW ORLEANS, LA 70126	ROY F. WESTON, INC./MPD 1575 NORTHSIDE DRIVE, NW SUITE 325 ATLANTA, GA 30318 ATTN: PAULA MACLAREN

SHIP VIA							PRIME CONTRACT NO.	DPAS RATING	TAXABLE	TAX EXE
YOUR DELIV	OUR PICKUP	UPS	MTR FRT.	MAIL	AIR FRT.	OTHER				
X							68-WO-0036		X	

SUPPLEMENTAL PROVISIONS ATTACHED HERETO AND MADE A PART HEREOF: ☑

PLEASE FURNISH THE FOLLOWING SUBJECT TO AND IN ACCORDANCE INSTRUCTIONS, TERMS AND CONDITIONS ON THE FACE AND BACK HEREOF SALES OR USE TAX, AS APPLICABLE.

ITEM	QUANTITY	U/M	PART NUMBER/ DESCRIPTION	UNIT PRICE	TOTAL
1	55		SOIL - TOTAL LEAD THIS IS TO AMEND P.O. #16-03528 TO INCREASE ITEM 1 FROM 50 TO 55 SAMPLES.	12.00	660
2	1		LABORATORY BLANKS (DAYS OF ANALYSIS) ACCOUNTING DATA: 06300-031-004-0863 = $600.00 06300-031-004-0873 = $ 60.00	0.00	0
			CONFIRMING ORDER - DO NOT DUPLICATE FOR LATE RESULTS, A PENALTY WILL BE ASSESSED TO THE TOTAL INVOICE AT A RATE OF 3% FOR THE 1st DAY, 2% FOR THE 2nd DAY, AND 1% THEREAFTER (WEEKENDS AND OBSERVED HOLIDAYS NOT INCLUDED). THE ATTACHED SUPPLEMENTAL PROVISIONS(TAT 4/94) ARE HEREBY FLOWED DOWN BY REFERENCE TAT CONTRACT NUMBER: 68-WO-0036 TOTAL :		$ 660

SEND INVOICES IN DUPLICATE TO:
ROY F. WESTON, INC.
ONE WESTON WAY
WEST CHESTER, PA 19380
ATTN: ACCOUNTS PAYABLE

ADDRESS CORRESPONDENCE TO:
ROY F. WESTON, INC.
ONE WESTON WAY
WEST CHESTER, PA 19380
ATTN: SKIP WHITE

ROY F. WESTON, INC.
By [signature]
Date 7-5-94
BUYER SIGNATURE

AN AFFIRMATIVE ACTION EMPL

DATE RECEIVED	RECEIVED AND APPROVED FOR PAYMENT BY	COMPLETE	PARTIAL	INVOICE DATE	INVOICE NO.	INVOICE AMOUNT	DATE TO ACCOUN
07/15/94	Paula E. MacLaren	✓					

DEPT. NO./ACCOUNT	WORK ORDER NO.	CAPITALIZE	3RD PARTY LEASE	AUTHORIZATION	VENDOR C
060	GLC147030 06300-031-004-			ANALYT	

FOR ACCOUNTING USE

VENDOR CLASS
☐ LB ☐ SB ☐ SD
☐ WB ☐ NP ☐ BC

REQUISITIONER COPY

WESTON

EXPENDABLE MATERIALS REQUISITION

No. E 04-2326

TO: Purchasing — Tanner Chapman

FROM: Regina M. Maclaren Date: 07/20/94

PURCHASING USE ONLY
Purchase Order Assigned: 16-3524A
Purchase Order Date: 07/21/94

Request that we obtain: ___ Purchase ___ Rent ___ Repair ___ Price Quotation X Other

FROM: (Vendor name if preference)
ETC / Gulf South
6621 Press Dr East Blvd.
New Orleans — LA 70126
(504) 292-4735

SHIP TO: Ms. F. Wester, Tech.
1475 Northside Dr. NW, St 325
Atlanta — GA 30318
ATTN: Paula Maclaren

SHIP VIA:

FOB ___ TERMS ___ DELIVERY REQUIRED BY: 07/15/94

ITEM	QUANTITY	DESCRIPTION	UNIT PRICE	TOTAL
1	50	SOIL — TOTAL LEAD	12.00	600.00
2		LABORATORY BLANKS (days of analysis)	N/C	
		— TWO WEEK TURNAROUND TIME WITH LATE PENALTY FEES APPLYING —		
		THIS AMENDMENT IS TO ADD THE FOLLOWING ITEMS:		
		INCREASE ITEM "1" FROM 50 to 55 samples	12.00	60.00
		TDD# 04-9406-0009A ~~0663~~ 0873 per		

Is this purchase in your Operating Plan? Yes (X) No ( ) TOTAL COST 660.00

Charge above Item to: 0630-031-004-0873 Exide Battery Site/EPA 000060
Work Order No. Project/Client Title Div./Dept. No.

Project Director/Manager or Responsible Head Approval [signature] Date 7/20/94

Business Mgr. Rev. ___ Date ___

Purchasing Approval ___ Date ___

RFW-04-05-001/C-0/87 PURCHASING / NUMERICAL FILE

WESTON

EXPENDABLE MATERIALS REQUISITION

No. E 04-2316

TO: Kalving - Lamer (illegible)

FROM: (illegible) (Date: (illegible)

PURCHASING USE ONLY
Purchase Order Assigned: (illegible)
Purchase Order Date: (illegible)

Request that we obtain: ___ Purchase ___ Rent ___ Repair ___ Price Quotation ___ Other

FROM: (Vendor name if preference)
ETL Lab Supply
(illegible)
(illegible) - LA 70126
(illegible)

SHIP TO: (illegible) Eastern Inc.
(illegible) Tanyside Inc. Ste 325
Atlanta - GA (illegible)
Attn: (illegible)

SHIP VIA:

FOB ___ TERMS ___

DELIVERY REQUIRED BY: 7/15/94

ITEM	QUANTITY	DESCRIPTION	UNIT PRICE	TOTAL
1	1 ea	SOIL — TOTAL LEAD	12.00	60.00
2		LABORATORY CLEANS (illegible)	N/C	
		THE WORK TERMINATES TIME WITH LATE PENALTY FEES APPLIED —		
		THIS AMENDMENT IS TO ADD THE FOLLOWING ITEMS:		
		INCREASE ITEM "1" FROM 1 ea TO 50 samples	12.00	60.00
		TDD# 04-9406-0109 ~~(illegible)~~ 08/03 per		

Is this purchase in your Operating Plan? Yes (X) No ( ) **TOTAL COST** 660.00

Charge above item to: (illegible) - (illegible) - (illegible) - (illegible) (illegible) Site/FFA (illegible)
Work Order No. Project/Client Title Div./Dept. No.

Project Director/Manager or Responsible Head Approval (signature) Date 7/20/94

Business Mgr Rev ___ Date ___

Purchasing Approval ___ Date ___

RFW-04-05-001/C-G/87

ORIGINATOR'S COPY

WESTON

EXPENDABLE MATERIALS REQUISITION

No. E 04-8208

TO: Purchasing — Denice Chapman

FROM: Region N. Maclaren Date: 01/20/94

PURCHASING USE ONLY
Purchase Order Assigned: _____
Purchase Order Date: _____

Request that we obtain: ___ Purchase ___ Rent ___ Repair ___ Price Quotation X Other

FROM: (Vendor name if preference)
ETC / Gulf South
6801 Press Dr East Bldg.
New Orleans — LA 70126
(800) 282-4735

SHIP TO: Roy F. Weston, Inc.
1575 Northside Dr. NW, Ste
Atlanta — GA 30318
ATTN: Paula Maclaren

SHIP VIA: _____

FOB _____ TERMS _____

DELIVERY REQUIRED BY: 01/15/94

ITEM	QUANTITY	DESCRIPTION	UNIT PRICE	TOTAL
1	50	SOIL — TOTAL LEAD	12.00	600.00
2		LABORATORY BLANKS (day of analysis)	n/c	
		— TWO WEEK TURNAROUND TIME WITH LATE PENALTY FEES APPLYING —		
		THIS AMENDMENT IS TO ADD THE FOLLOWING ITEMS:		
		INCREASE ITEM "1" FROM 50 to 55 samples	12.00	60.00
		TDD# 04-9406-0009-0863		

Is this purchase in your Operating Plan? Yes (X) No ( ) TOTAL COST 660.00

Charge above item to: 06300-031-004-0863 (Work Order No.) EXIDE BATTERY Site/EPA (Project/Client Title) 000060 (Div./Dept. No.)

Project Director/Manager or Responsible Head Approval [signature] Date 1/20/94

Business Mgr. Rev _____ Date _____

Purchasing Approval _____ Date _____

RFW-04-05-001/C-0/87 PURCHASING / ORIGINAL

WASHAM TELEPHONE QUOTES ( ) WRITTEN QUOTES ( ) **PURCHASE ORDER JUSTIFICATION WORKSHEET** REQ'N. NO. 04-2210

ITEM NO.	QTY.	PART/ MODEL	DESCRIPTION OF SUPPLIES/SERVICES	NAMES OF BIDDERS/QUOTED PRICES				
				1. ETC/Vault	2.	3.	4.	5.
1.	5	SOILS	TOTAL LEAD	$ 60	$	$	$	$
2.								
3.								
4.								
5								
6.								
7.								
8.								
9.								
10.								
TRANSPORTATION CHARGES:								
TOTAL VENDOR QUALIFICATIONS:				$ 60.00	$	$	$	$
DELIVERY ARO/PAYMENT TERMS:								
SHIP VIA/FOB POINT:								
VENDOR CONTACT:				BETH MILLER				
VENDOR TELEPHONE NUMBER:				(800) 252-4735				

SOLE OR SINGLE (PREFERRED) SOURCE JUSTIFICATION		COMPETITIVE SOURCE SELECTION JUSTIFICATION		PRICE JUSTIFICATION/EVALUATION		BASIS FOR P.O. AWARD	
1. Only known source.		1. Technically superior.*		1. Competitive quotation. (See above competitive quotes.)		1. Technical capability.	X
2. Only source meeting technical requirements.		2. Low competitive bidder. (See above competitive quotes.)		2. Catalog/published price list.* 3. GSA federal supply schedule.*		2. Fair and reasonable price.	X
3. Only source compatible with existing equipment.*		3. Only source meeting required delivery.		4. Established market price.* 5. Negotiated price.*		3. Acceptable delivery schedule.	
4. Support services for existing vendor equipment.		4. Compatibility with existing equipment.		6. Certification of price.		4. Sole/single source award.	X
5. Continuation of vendor rental/lease equipment.		5. Continuation of vendor furnished supplies/services.		7. Comparison with prior purchase.*		5. Competitive source selection.	
6. Customer preference.*		6. Proximity of source.		8. Buyer's discretion.		6. Compatibility with existing equipment.	
7. Buyer's choice. 8. Reorder of supplies/services.		7. Standard catalog item.		9. Blanket purchase agreement with qualified source.		7. Continuation of vendor furnished supplies/services.	
9. additional samples were sent by OSC.	X	8.		10.		8. additional samples were sent by OSC.	X

158 693 *Attach substantiation
NFW 04-05 001/F-4/89

Prepared by: Paula C. MacFarlane

Date: 07/20/94

CONTRACT NO. 68-W0-0036

TAT COMPETITIVE PRICE COMPARISON (ANALYTICAL)

A. Number of responsible offerors solicited 1; number who responded 1.

B.

	Name - Offeror	Proposed Price
1.	ETC/Gulf South	60.00
2.		
3.		
4.		

C. Deviation from low to next lowest bidder. NA*%

D. Offerors competed independently. X Yes ___ No.

E. Award based on lowest price. ___ Yes X No.

The competition is adequate. ___ Yes X No.

(Adequate is defined as a minimum of 3 solicited with at least 2 responsive bids).

If response is no for any above, please provide explanation below.

F. Explanation

* five additional samples were taken at the request of the OSC and sent to the lab for analyses. pcm

When procuring analytical services under the above contract for Emergency Response Technical Assistance, there are several reasons why quoted prices may not be within competitive range (e.g. 15%). Even though the analysis requested may be considered standard catalogue price items, there are various factors which contribute to the final price quoted including: (1) turnaround time required; premiums may be charged for quick turnaround and may increase the price quoted by 50% or more; (2) laboratories' prices also vary greatly depending on their current work load as well as how badly the laboratory needs the work; (3) the type of analysis, matrix, and level of QA required; and the like.

07/20/94 — Paula C. MacLaren
Date — Region IV, Paula C. MacLaren

Date — Buyer (Zone) (Printed name and signature).

WESTON

EXPENDABLE MATERIALS REQUISITION

No. E 64-2305

TO: Purchasing — Donna Chapman

FROM: Regina M. McLaren Date: 06/28/94

PURCHASING USE ONLY
Purchase Order Assigned: 116-3524
Purchase Order Date: 06/28/94

Request that we obtain: ___ Purchase ___ Rent ___ Repair ___ Price Quotation X Other

FROM: (Vendor name if preference)
ETL
6801 Pless Dr. East Bldg
New Orleans — LA 70126
(800) 392-4735

SHIP TO: Roy F. Weston, Inc.
1575 Northside Dr. N.W. Ste. 320
Atlanta — GA 30318
ATTN: Rita MacLaren

SHIP VIA:

FOB ___ TERMS ___

DELIVERY REQUIRED BY: 15 July 1994

ITEM	QUANTITY	DESCRIPTION	UNIT PRICE	TOTAL
1	50	SOIL — TOTAL LEAD	12.00	600.00
2		LABORATORY BLANKS (day of analysis)	N/C	
		— TWO WEEK TURNAROUND time with late PENALTY FEES APPLYING —		
		TDD# 04-9406-0009-0863		

Is this purchase in your Operating Plan? Yes (X) No ( ) TOTAL COST 600.00

Charge above item to: 06300-031-00V-0863 (Work Order No.) SUDE BATTERY SITE/EPA (Project/Client Title) 000060 (Div./Dept. No.)

Project Director/Manager or Responsible Head Approval: [signature] Date 6-28-94

Business Mgr. Rev. ___ Date ___

Purchasing Approval ___ Date ___

RFW-04-05-001/C-6/87 PURCHASING / NUMERICAL FILE

WESTON

EXPENDABLE MATERIALS REQUISITION

No. E [illegible]

TO: [illegible]

FROM: [illegible] Date: [illegible]

PURCHASING USE ONLY
Purchase Order Assigned: [illegible]
Purchase Order Date: [illegible]

Request that we obtain: ___ Purchase ___ Rent ___ Repair ___ Price Quotation (X) Other

FROM: (Vendor name if preference)
ETL
[illegible] Dr East Hill
New Orleans, LA 70126
(504) 392-4724

SHIP TO: [illegible]
[illegible] Southline [illegible]
Atlanta, GA [illegible]
Attn: [illegible]

FOB ___ TERMS ___ SHIP VIA ___

DELIVERY REQUIRED BY: [illegible] 1991

ITEM	QUANTITY	DESCRIPTION	UNIT PRICE	TOTAL
1	50	Soil — Total Lead	14.00	700
2	2	Laboratory Blanks (one per analysis)	F/O	
		— Two week turnaround time with late penalty fees applied		
		[illegible]		

Is this purchase in your Operating Plan? Yes (X) No ( )

Charge above item to: [illegible]

TOTAL COST [illegible]

Project Director/Manager or Responsible Head Approval: [illegible] Work Order No. [illegible] Project/Client Title [illegible] Div./Dept. No. [illegible]

Business Mgr. Rev. [illegible] Date [illegible]

Purchasing Approval [illegible] Date [illegible]

RFW-04-05-001/C-6/87

ORIGINATOR'S COPY

WESTON TELEPHONE QUOTES ( ) WRITTEN QUOTES ( )

PURCHASE ORDER JUSTIFICATION WORKSHEET

REQ'N. NO. 04-2208

ITEM NO.	QTY.	PART/ MODEL	DESCRIPTION OF SUPPLIES/SERVICES	NAMES OF BIDDERS/QUOTED PRICES				
				1. Weston-GC	2. Arkansas Air	3. Kiber Env.	4. Savannah	5. ETC
1.	50	soil	TOTAL LEAD	$ NO BID	$ 975	$ 1000.00	$ 900	$ 600.00
2.			LAB BLANKS	(NO CAPACITY	NC)	NC)	NC)	NC)
3.			DISCOUNT	AT PRESENT	-195			
4.				TIME)				
5								
6.								
7.								
8.								
9.								
10.								
TRANSPORTATION CHARGES:								
TOTAL VENDOR QUALIFICATIONS:				$ —	$ 780.00	$ 1000.00	$ 900.00	$ 600.00
DELIVERY ARO/PAYMENT TERMS:								
SHIP VIA/FOB POINT:								
VENDOR CONTACT:				Eric Lang	Norma James	Cathi Sharp	Steve White	Beth Miller
VENDOR TELEPHONE NUMBER:				(208) 534-5200 (501) 604-5661		(404) 455-3944	(912) 354-7858	(804) 398-8500

SOLE OR SINGLE (PREFERRED) SOURCE JUSTIFICATION		COMPETITIVE SOURCE SELECTION JUSTIFICATION		PRICE JUSTIFICATION/EVALUATION		BASIS FOR P.O. AWARD	
1. Only known source.		1. Technical capability.*		1. Competitive quotation. (See above competitive quotes.)	X	1. Technical capability	X
2. Only source meeting technical requirements.		2. Low competitive bidder. (See above competitive quotes.)	X	2. Catalog/published price list.* 3. GSA federal supply schedule.*		2. Fair and reasonable price.	X
3. Only source compatible with existing equipment.		3. Only source meeting required delivery.		4. Established market price.* 5. Negotiated price.*		3. Acceptable delivery schedule.	
4. Support services for existing vendor equipment.		4. Compatibility with existing equipment.		6. Certification of price.		4. Sole/single source award.	
5. Continuation of vendor rental/lease equipment.		5. Continuation of vendor furnished supplies/services.		7. Comparison with prior purchase.*		5. Competitive source selection	X
6. Continuous performance.*		6. Proximity of source		8. Buyer's discretion.		6. Compatibility with existing equipment	
7. Buyer's choice. 8. Transfer of supplies/services		7. Standard catalog item		9. Blanket purchase agreement with qualified source.		7. Continuation of vendor furnished supplies/services	
9.		8.		10.		8.	

*Attach substantiation

Prepared by: Paula K. MacFarlane

Date: 06/28/94

CONTRACT NO. 68-W0-0036

TAT COMPETITIVE PRICE COMPARISON (ANALYTICAL)

A. Number of responsible offerors solicited 5 ; number who responded 5 .

B.

Name - Offeror	Proposed Price
1. Arkansas Analytical	780.00
2. Kiber Environmental	1000.00
3. Savannah Laboratories	900.00
4. Enviromental Testing & Certification	600.00

C. Deviation from low to next lowest bidder. 30 %

D. Offerors competed independently. X Yes ___ No.

E. Award based on lowest price. X Yes ___ No.

The competition is adequate. X Yes ___ No.

(Adequate is defined as a minimum of 3 solicited with at least 2 responsive bids).

If response is no for any above, please provide explanation below.

F. Explanation

When procuring analytical services under the above contract for Emergency Response Technical Assistance. there are several reasons why quoted prices may not be within competitive range (e.g. 15%). Even though the analysis requested may be considered standard catalogue price items, there are various factors which contribute to the final price quoted including: (1) turnaround time required; premiums may be charged for quick turnaround and may increase the price quoted by 50% or more; (2) laboratories' prices also vary greatly depending on their current work load as well as how badly the laboratory needs the work; (3) the type of analysis, matrix, and level of QA required; and the like.

06/28/94 Paula C. MacLaren
Date Region IV, Paula C. MacLaren

Date Buyer (Zone) (Printed name and signature).

DATE: 06/27/94

SITE NAME: EXIDE BATTERY

LABORATORY NAME: ETI Laboratories

FACSIMILE NO.: 4

ATTENTION: Beth Miller

SUBJECT: REQUEST FOR BID

This letter and request for bid attachment establishes the terms and conditions for the analysis of samples for Roy F. Weston, Inc. (WESTON) on behalf of our client, the U.S. Environmental Protection Agency.

The samples are to be analyzed for parameters as listed on the attached Request for Bid Form. Method detection limits are those specified in the test method(s) unless otherwise noted. It should be noted that the actual quantity of samples may vary based on field activities. All quoted unit prices for analysis must remain fixed regardless of the actual number of samples sent for analysis. WESTON will make every effort to notify the laboratory if the number of samples is changed from the number specified in this package.

For results received beyond the prescribed turnaround time (in working days), a cumulative reduction in the total charge will be three percent for the first day, two percent for the second day, and an additional one percent for each additional day. The following holidays are not considered working days: New Year's Day, Memorial Day, July 4th, Labor Day, Thanksgiving, and Christmas. The turnaround time (day 0) begins with the delivery of the samples to your laboratory. In the event the samples are received after 10:30 AM, the turnaround time will begin on the following day.

WRITTEN APPROVAL FOR SUBCONTRACTING ANY PORTION OF THIS WORK BY YOUR FIRM MUST BE GRANTED BY THE REGIONAL LABORATORY COORDINATOR ON BEHALF OF WESTON PRIOR TO THE PERFORMANCE OF ANY WORK STATED IN THIS AGREEMENT. WESTON MUST BE NOTIFIED OF YOUR INTENT TO SUBCONTRACT AT THE TIME THAT BIDS ARE SUBMITTED.

The laboratory is responsible for the disposal of samples and the return of sample shipping containers. WESTON will not dispose of any samples or pay additional shipping or freight costs. Costs for sample disposal and shipping/freight, if any, must be included in the original bid process.

17 December 1992

All bidding laboratories are requested to complete all information and sign the attached Request for Bid Form and return by fax by (time) _____ hr. (date) _____. Late or altered format bids may not be considered for award.

If you have questions or require additional information to bid on this project, please contact _____ at (phone) _____. Please have an authorized representative from your company sign the signature line below, indicating that your firm agrees to the terms set forth in this letter. This letter must be signed by a person approved to bind the company. Please return a copy of the signed letter via fax to _____ at (phone) _____. If your laboratory is selected for award, a letter of acceptance and a copy of the corresponding Purchase Order will be sent by WESTON.

Sincerely,

ROY F. WESTON, INC.

Regional Laboratory Coordinator

Authorized Laboratory Signature

Print Name: Harry J. Kemp

Position/Title: V.P. Gen. Mgr. Atlanta South

17 December 1993

ATTACHMENT A
REQUEST FOR BID

SITE REFERENCE: EXIDE BATTERY SITE ID #: _____ TDD #: _____ OA: _____

SAMPLING DATE: 06/28/94 – 06/30/94 DATE FOR LAB RECEIPT OF SAMPLES: 07/01/94

CONTRACT NO.: TAT CONTRACT NO. 68-W0-0036 EXPECTED TURNAROUND: 14 CALENDAR DAYS

NO. OF SAMPLES	MATRIX	ANALYTICAL PARAMETER	METHOD	MINIMUM DETECTION LIMIT	UNIT COST	TOTAL COST
50	SOIL	TOTAL LEAD	ICP, AA SW846 6010 Prep 3050 (N/C)	5 mg/Kg	12.00	$600.00
		LABORATORY BLANKS (DAYS OF ANALYSES)				
					TOTAL:	$600.00

NOTES:

Laboratory: ETC Address: 6801 Press Dr. • East Bldg

City: New Orleans, LA State: LA Zip Code: 70126

Phone: 1-800-290-4735 Fax: _____ Lab Contact: _____

Sampling Receiving Hours: Monday - Friday: _____ Weekends: _____

DATE: 06/27/94

SITE NAME: EXIDE BATTERY

LABORATORY NAME: SAVANNAH LABORATORIES

FACSIMILE NO.: 4

ATTENTION: STEVE SMITH

SUBJECT: REQUEST FOR BID

This letter and request for bid attachment establishes the terms and conditions for the analysis of samples for Roy F. Weston, Inc. (WESTON) on behalf of our client, the U.S. Environmental Protection Agency.

The samples are to be analyzed for parameters as listed on the attached Request for Bid Form. Method detection limits are those specified in the test method(s) unless otherwise stated. It should be noted that the actual quantity of samples may vary based on field activities. All quoted unit prices for analysis must remain fixed regardless of the actual number of samples sent for analysis. WESTON will make every effort to notify the laboratory if the number of samples is changed from the number specified in this package.

For results received beyond the prescribed turnaround time (in working days), a cumulative reduction in the total charge will be three percent for the first day, two percent for the second day, and an additional one percent for each additional day. The following holidays are not considered working days: New Year's Day, Memorial Day, July 4th, Labor Day, Thanksgiving, and Christmas. The turnaround time (day 0) begins with the delivery of the samples to your laboratory. In the event the samples are received after 10:30 AM, the turnaround time will begin on the following day.

WRITTEN APPROVAL FOR SUBCONTRACTING ANY PORTION OF THIS WORK BY YOUR FIRM MUST BE GRANTED BY THE REGIONAL LABORATORY COORDINATOR ON BEHALF OF WESTON PRIOR TO THE PERFORMANCE OF ANY WORK STATED IN THE AGREEMENT. WESTON MUST BE NOTIFIED OF YOUR INTENT TO SUBCONTRACT AT THE TIME THAT BIDS ARE SUBMITTED.

The laboratory is responsible for the disposal of samples and the return of sample shipping containers. WESTON will not dispose of any samples or pay additional shipping or freight costs. Costs for sample disposal and shipping/freight, if any, must be included in the original bid process.

17 December 1992

REQUEST FOR BID

All bidding laboratories are requested to complete all information and sign the attached Request for Bid Form and return by fax by (time) 5:00 pm hr. (date) 06/27/94. Late or altered format bids may not be considered for award.

If you have questions or require additional information to bid on this project, please contact Paula MacLaren at (404) 352 - 4147. Please have an authorized representative from your company sign the signature line below, indicating that your firm agrees to the terms set forth in this letter. This letter must be signed by a person empowered to bind the company. Please return a copy of the signed letter via fax to Paula MacLaren at (404) 352 - 0659. If your laboratory is selected for award, a letter of confirmation and a copy of the corresponding Purchase Order will be sent by WESTON.

Sincerely,

ROY F. WESTON, INC.

Paula F. MacLaren
Regional Laboratory Coordinator

Authorized Laboratory Signature: Wayne W. Word

Print Name: WAYNE W. WORD

Position/Title: Marketing Director

17 December 1992

ROY F. WESTON INC. TEL: 407-352-0659

JUN 27 '94 10:47 NO.001 P.01

ATTACHMENT A
REQUEST FOR BID

SITE REFERENCE: Exide BATTERY SITE ID #: _____ TDD #: _____ OA: _____

SAMPLING DATE: 06/28/94 — 06/30/94 DATE FOR LAB RECEIPT OF SAMPLES: 07/01/94

CONTRACT NO.: TAT CONTRACT NO. 68-W0-0038 EXPECTED TURNAROUND: 14 CALENDAR DAYS

NO. OF SAMPLES	MATRIX	ANALYTICAL PARAMETER	METHOD	MINIMUM DETECTION LIMIT	UNIT COST	TOTAL COST
50	SOIL	TOTAL LEAD	ICP, AA 3060/6010	5.0 mg/kg	18.00	900.00
		LABORATORY BLANKS (DATA OF ANALYSES)				
					TOTAL:	900.00

NOTES:

Laboratory: Savannah Labs Address: 414 S.W. 12th Avenue

City: Deerfield Beach State: FL Zip Code: 33442

Phone: (305) 421-7400 Fax: (305) 421-2584 Lab Contact: Paul Canevaro

Sampling Receiving Hours: Monday - Friday: 08:00 - 17:00 * Weekends: 09:00 - 12:00 *

* or later by appointment

DATE: 06/27/94

SITE NAME: EXIDE BATTERY

LABORATORY NAME: KIBER ENVIRONMENTAL SERVICES

FACSIMILE NO.: 4

ATTENTION: Kathi Sharp

SUBJECT: REQUEST FOR BID

This letter and request for bid attachment establishes the terms and conditions for the analysis of samples for Roy F. Weston, Inc. (WESTON) on behalf of our client, the U.S. Environmental Protection Agency.

The samples are to be analyzed for parameters as listed on the attached Request for Bid Form. Method detection limits are those specified in the test method(s) unless otherwise stated. It should be noted that the actual quantity of samples may vary based on field activities. All quoted unit prices for analysis must remain fixed regardless of the actual number of samples sent for analysis. WESTON will make every effort to notify the laboratory if the number of samples is changed from the number specified in this package.

For results received beyond the prescribed turnaround time (in working days), a cumulative reduction in the total charge will be three percent for the first day, two percent for the second day, and an additional one percent for each additional day. The following holidays are not considered working days: New Year's Day, Memorial Day, July 4th, Labor Day, Thanksgiving, and Christmas. The turnaround time (day 0) begins with the delivery of the samples to your laboratory. In the event the samples are received after 10:30 AM, the turnaround time will begin on the following day.

WRITTEN APPROVAL FOR SUBCONTRACTING ANY PORTION OF THIS WORK BY YOUR FIRM MUST BE GRANTED BY THE REGIONAL LABORATORY COORDINATOR ON BEHALF OF WESTON PRIOR TO THE PERFORMANCE OF ANY WORK STATED IN THE AGREEMENT. WESTON MUST BE NOTIFIED OF YOUR INTENT TO SUBCONTRACT AT THE TIME THAT BIDS ARE SUBMITTED.

The laboratory is responsible for the disposal of samples and the return of sample shipping containers. WESTON will not dispose of any samples or pay additional shipping or freight costs. Costs for sample disposal and shipping/freight, if any, must be included in the original bid process.

17 December 1992

REQUEST FOR BID

All bidding laboratories are requested to complete all information and sign the attached Request for Bid Form and return by fax by (time) 5:00 pm hr. (date) 06/27/04. Late or altered format bids may not be considered for award.

If you have questions or require additional information to bid on this project, please contact Paula MacLaren at (404) 352 - 4147. Please have an authorized representative from your company sign the signature line below, indicating that your firm agrees to the terms set forth in this letter. This letter must be signed by a person empowered to bind the company. Please return a copy of the signed letter via fax to Paula MacLaren at (404) 352 - 0659. If your laboratory is selected for award, a letter of confirmation and a copy of the corresponding Purchase Order will be sent by WESTON.

Sincerely,

ROY F. WESTON, INC.

Paula C. MacLaren
Regional Laboratory Coordinator

Authorized Laboratory Signature: Cathi W. Sharp

Print Name: CATHI W. SHARP

Position/Title: LAB OPS MGR

TO: PAULA MACLAREN	FROM: CATHI SHARP
FAX #: 352 0659	FAX #: 4510155 PHONE #: 455 3994
	DATE: 6/27/04 PAGES INCLUDING THIS PAGE: 2

17 December 1992

ATTACHMENT A
REQUEST FOR BID

SITE REFERENCE: EXIDE BATTERY SITE ID #: _____ TOD #: _____ QA: _____
SAMPLING DATE: 06/28/94 – 06/30/94 DATE FOR LAB RECEIPT OF SAMPLES: 07/01/94
CONTRACT NO.: TAT CONTRACT NO. 68-W0-0036 EXPECTED TURNAROUND: 14 CALENDAR DAYS

NO. OF SAMPLES	MATRIX	ANALYTICAL PARAMETER	METHOD	MINIMUM DETECTION LIMIT	UNIT COST	TOTAL COST
50	SOIL	TOTAL LEAD	ICP/AA	AS MATRIX PERMITS	20.00	1000.00
		LABORATORY BLANKS (DAYS OF ANALYSES)				
					TOTAL:	1000.00

NOTES:

Laboratory: KIBER ENVIRONMENTAL Address: 3786 DEKALB TECH PKWY NE
City: ATLANTA State: GA Zip Code: 30390
Phone: 455 3944 Fax: 451 0155 Lab Contact: CATHY SNARP
Sampling Receiving Hours: Monday - Friday: 8-5 Weekends: AS PREARRANGED

DATE: 06/27/94

SITE NAME: EXIDE BATTERY

LABORATORY NAME: ARKANSAS ANALYTICAL, INC.

FACSIMILE NO.: 4

ATTENTION: NORMA JAMES

SUBJECT: REQUEST FOR BID

This letter and request for bid attachment establishes the terms and conditions for the analysis of samples for Roy F. Weston, Inc. (WESTON) on behalf of our client, the U.S. Environmental Protection Agency.

The samples are to be analyzed for parameters as listed on the attached Request for Bid Form. Method detection limits are those specified in the test method(s) unless otherwise stated. It should be noted that the actual quantity of samples may vary based on field activities. All quoted unit prices for analysis must remain fixed regardless of the actual number of samples sent for analysis. WESTON will make every effort to notify the laboratory if the number of samples is changed from the number specified in this package.

For results received beyond the prescribed turnaround time (in working days), a cumulative reduction in the total charge will be three percent for the first day, two percent for the second day, and an additional one percent for each additional day. The following holidays are not considered working days: New Year's Day, Memorial Day, July 4th, Labor Day, Thanksgiving, and Christmas. The turnaround time (day 0) begins with the delivery of the samples to your laboratory. In the event the samples are received after 10:30 AM, the turnaround time will begin on the following day.

WRITTEN APPROVAL FOR SUBCONTRACTING ANY PORTION OF THIS WORK BY YOUR FIRM MUST BE GRANTED BY THE REGIONAL LABORATORY COORDINATOR ON BEHALF OF WESTON PRIOR TO THE PERFORMANCE OF ANY WORK STATED IN THE AGREEMENT. WESTON MUST BE NOTIFIED OF YOUR INTENT TO SUBCONTRACT AT THE TIME THAT BIDS ARE SUBMITTED.

The laboratory is responsible for the disposal of samples and the return of sample shipping containers. WESTON will not dispose of any samples or pay additional shipping or freight costs. Costs for sample disposal and shipping/freight, if any, must be included in the original bid process.

17 December 1992

To: Paula MacLaren
2 pages

REQUEST FOR BID

All bidding laboratories are requested to complete all information and sign the attached Request for Bid Form and return by fax by (time) 5:00pm hr. (date) 04/17/94. Late or altered format bids may not be considered for award.

If you have questions or require additional information to bid on this project, please contact Paula MacLaren at (404) 352 - 4147. Please have an authorized representative from your company sign the signature line below, indicating that your firm agrees to the terms set forth in this letter. This letter must be signed by a person empowered to bind the company. Please return a copy of the signed letter via fax to Paula MacLaren at (404) 352 - 4659. If your laboratory is selected for award, a letter of confirmation and a copy of the corresponding Purchase Order will be sent by WESTON.

Sincerely,

ROY F. WESTON, INC.

Paula C. MacLaren
Regional Laboratory Coordinator

Authorized Laboratory Signature: Norma J. James

Print Name: Norma J. James

Position/Title: President

17 December 1992

ATTACHMENT A
REQUEST FOR BID

SITE REFERENCE: Exide Battery SITE ID #: _____ TDD #: _____ OA: _____
SAMPLING DATE: 06/28/94 – 06/30/94 DATE FOR LAB RECEIPT OF SAMPLES: 07/01/94
CONTRACT NO.: TAT CONTRACT NO. 68-W0-0036 EXPECTED TURNAROUND: 14 CALENDAR DAYS

NO. OF SAMPLES	MATRIX	ANALYTICAL PARAMETER	METHOD	MINIMUM DETECTION LIMIT	UNIT COST	TOTAL COST
50	SOIL	TOTAL LEAD	ICP, AA		$19.50	975.
		LABORATORY BLANKS (DAYS OF ANALYSES)			0	0
				sub total		975.
				Discounted	20%	$780.
					TOTAL:	$780.00

NOTES:

Laboratory: Arkansas Analytical Address: 501 North University
City: Little Rock State: Arkansas Zip Code: 72205
Phone: (501) 664-5661 Fax: (501) 664-5891 Lab Contact: Norma James
Sampling Receiving Hours: Monday - Friday: 8-5 Weekends: By arrangement

DATE: 06/27/94

SITE NAME: EXIDE BATTERY

LABORATORY NAME: SAVANNAH LABORATORIES

FACSIMILE NO.: 4

ATTENTION: STEVE WHITE

SUBJECT: **REQUEST FOR BID**

This letter and request for bid attachment establishes the terms and conditions for the analysis of samples for Roy F. Weston, Inc. (WESTON) on behalf of our client, the U.S. Environmental Protection Agency.

The samples are to be analyzed for parameters as listed on the attached Request for Bid Form. Method detection limits are those specified in the test method(s) unless otherwise stated. It should be noted that the actual quantity of samples may vary based on field activities. All quoted unit prices for analysis must remain fixed regardless of the actual number of samples sent for analysis. WESTON will make every effort to notify the laboratory if the number of samples is changed from the number specified in this package.

For results received beyond the prescribed turnaround time (in working days), a cumulative reduction in the total charge will be three percent for the first day, two percent for the second day, and an additional one percent for each additional day. The following holidays are not considered working days: New Year's Day, Memorial Day, July 4th, Labor Day, Thanksgiving, and Christmas. The turnaround time (day 0) begins with the delivery of the samples to your laboratory. In the event the samples are received after 10:30 AM, the turnaround time will begin on the following day.

WRITTEN APPROVAL FOR SUBCONTRACTING ANY PORTION OF THIS WORK BY YOUR FIRM MUST BE GRANTED BY THE REGIONAL LABORATORY COORDINATOR ON BEHALF OF WESTON PRIOR TO THE PERFORMANCE OF ANY WORK STATED IN THE AGREEMENT. WESTON MUST BE NOTIFIED OF YOUR INTENT TO SUBCONTRACT AT THE TIME THAT BIDS ARE SUBMITTED.

The laboratory is responsible for the disposal of samples and the return of sample shipping containers. WESTON will not dispose of any samples or pay additional shipping or freight costs. Costs for sample disposal and shipping/freight, if any, must be included in the original bid process.

DATE: 06/27/94

SITE NAME: EXIDE BATTERY

LABORATORY NAME: Weston - Gulf Coast

FACSIMILE NO.: 4

ATTENTION: Chuck Maw

SUBJECT: REQUEST FOR BID

This letter and request for bid attachment establishes the terms and conditions for the analysis of samples for Roy F. Weston, Inc. (WESTON) on behalf of our client, the U.S. Environmental Protection Agency.

The samples are to be analyzed for parameters as listed on the attached Request for Bid Form. Method detection limits are those specified in the test method(s) unless otherwise stated. It should be noted that the actual quantity of samples may vary based on field activities. All quoted unit prices for analysis must remain fixed regardless of the actual number of samples sent for analysis. WESTON will make every effort to notify the laboratory if the number of samples is changed from the number specified in this package.

For results received beyond the prescribed turnaround time (in working days), a cumulative reduction in the total charge will be three percent for the first day, two percent for the second day, and an additional one percent for each additional day. The following holidays are not considered working days: New Year's Day, Memorial Day, July 4th, Labor Day, Thanksgiving, and Christmas. The turnaround time (day 0) begins with the delivery of the samples to your laboratory. In the event the samples are received after 10:30 AM, the turnaround time will begin on the following day.

WRITTEN APPROVAL FOR SUBCONTRACTING ANY PORTION OF THIS WORK BY YOUR FIRM MUST BE GRANTED BY THE REGIONAL LABORATORY COORDINATOR ON BEHALF OF WESTON PRIOR TO THE PERFORMANCE OF ANY WORK STATED IN THE AGREEMENT. WESTON MUST BE NOTIFIED OF YOUR INTENT TO SUBCONTRACT AT THE TIME THAT BIDS ARE SUBMITTED.

The laboratory is responsible for the disposal of samples and the return of sample shipping containers. WESTON will not dispose of any samples or pay additional shipping or freight costs. Costs for sample disposal and shipping/freight, if any, must be included in the original bid process.

DATE: 06/27/94

SITE NAME: EXIDE BATTERY

LABORATORY NAME: ETD Laboratories

FACSIMILE NO.: 4

ATTENTION: Beth Miller

SUBJECT: **REQUEST FOR BID**

This letter and request for bid attachment establishes the terms and conditions for the analysis of samples for Roy F. Weston, Inc. (WESTON) on behalf of our client, the U.S. Environmental Protection Agency.

The samples are to be analyzed for parameters as listed on the attached Request for Bid Form. Method detection limits are those specified in the test method(s) unless otherwise stated. It should be noted that the actual quantity of samples may vary based on field activities. All quoted unit prices for analysis must remain fixed regardless of the actual number of samples sent for analysis. WESTON will make every effort to notify the laboratory if the number of samples is changed from the number specified in this package.

For results received beyond the prescribed turnaround time (in working days), a cummlative reduction in the total charge will be three percent for the first day, two percent for the second day, and an additional one percent for each additional day. The following holidays are not considered working days: New Year's Day, Memorial Day, July 4th, Labor Day, Thanksgiving, and Christmas. The turnaround time (day 0) begins with the delivery of the samples to your laboratory. In the event the samples are received after 10:30 AM, the turnaround time will begin on the following day.

WRITTEN APPROVAL FOR SUBCONTRACTING ANY PORTION OF THIS WORK BY YOUR FIRM MUST BE GRANTED BY THE REGIONAL LABORATORY COORDINATOR ON BEHALF OF WESTON PRIOR TO THE PERFORMANCE OF ANY WORK STATED IN THE AGREEMENT. WESTON MUST BE NOTIFIED OF YOUR INTENT TO SUBCONTRACT AT THE TIME THAT BIDS ARE SUBMITTED.

The laboratory is responsible for the disposal of samples and the return of sample shipping containers. WESTON will not dispose of any samples or pay additional shipping or freight costs. Costs for sample disposal and shipping/freight, if any, must be included in the original bid process.

17 December 1992

REQUEST FOR BID

All bidding laboratories are requested to complete all information and sign the attached Request for Bid Form and return by fax by (time) 5:00pm hr. (date) 04/27/93. Late or altered format bids may not be considered for award.

If you have questions or require additional information to bid on this project, please contact Paula MacLaren at (404) 352 - 4147. Please have an authorized representative from your company sign the signature line below, indicating that your firm agrees to the terms set forth in this letter. This letter must be signed by a person empowered to bind the company. Please return a copy of the signed letter via fax to Paula MacLaren at (404) 352 - 0659. If your laboratory is selected for award, a letter of confirmation and a copy of the corresponding Purchase Order will be sent by WESTON.

Sincerely,

ROY F. WESTON, INC.

Paula C. MacLaren
Regional Laboratory Coordinator

Authorized Laboratory Signature: _____

Print Name: _____

Position/Title: _____

17 December 1992

ATTACHMENT A
REQUEST FOR BID

SITE REFERENCE: EXIDE BATTERY SITE ID #: _____ TDD #: _____ QA: _____
SAMPLING DATE: 06/28/94 – 06/30/94 DATE FOR LAB RECEIPT OF SAMPLES: 07/01/94
CONTRACT NO.: TAT CONTRACT NO. 68-W0-0036 EXPECTED TURNAROUND: 14 CALENDAR DAYS

NO. OF SAMPLES	MATRIX	ANALYTICAL PARAMETER	METHOD	MINIMUM DETECTION LIMIT	UNIT COST	TOTAL COST
50	SOIL	TOTAL LEAD	ICP, AA			
		LABORATORY BLANKS (DAYS OF ANALYSES)				
					TOTAL:	

NOTES: _____

Laboratory: _____ Address: _____
City: _____ State: _____ Zip Code: _____
Phone: _____ Fax: _____ Lab Contact: _____
Sampling Receiving Hours: Monday - Friday: _____ Weekends: _____