



DATE: 3/7/97 TIME: 1100
WEATHER: _____
LOCATION: Pinker Matinas
PHOTO TAKEN BY: W/m

New stem wall & gutters in
NE corner of soil storage bldg.



DATE	3/7/97	TIME	1100
WEATHER:			
LOCATION:	Rinker Waterway		
PHOTO TAKEN BY:		JWM	

Repairs being made to
secondary containment



DATE: 3/1/97 TIME: 1100
WEATHER: _____
LOCATION: Pinker Materials
PHOTO TAKEN BY: Wm.

New stem wall in NE corner
of soil storage bldg



DATE:	3/7/97	TIME:	1100
WEATHER:			
LOCATION:	Pinker Materials		
PHOTO TAKEN BY: Wm			

new stem wall in NE corner
of soil storage bldg.



DATE: 3/7/97 TIME: 1100
WEATHER: _____
LOCATION: Pinker Matenak
PHOTO TAKEN BY: WLM



DATE: 3/7/97 TIME: 1100

WEATHER: _____

LOCATION: _____

Pinker Materials

PHOTO TAKEN BY: mm



CAUTION
FALLING DEBRIS
REQUIRED
BY OSHA

THINK SAFETY
BE AWARE OF YOUR SURROUNDINGS
DO NOT TAKE SHORTCUTS
DO NOT USE LADDERS
DO NOT WORK UNDER LOADS
DO NOT SMOKING

DATE: 3/7/97 TIME: 1100

WEATHER:

LOCATION: Rinker Matenat

PHOTO TAKEN BY: WLM



DATE: 3/7/97 TIME: 1100

WEATHER:

LOCATION:

PHOTO TAKEN BY:

Pinke Matenah
Trhn



DATE:	3/2/97	TIME:	1100
WEATHER:			
LOCATION:	Rinker Materials		
PHOTO TAKEN BY:	John		

New stem wall in NE
corner of soil storage bldg.



Department of Environmental Protection

Lawton Chiles
Governor

Southeast District
P.O. Box 15425
West Palm Beach, Florida 33416

Virginia B. Wetherell
Secretary

MAR 13 1997

Mr. James S. Jenkins, III
Rinker Materials Corporation
P.O. Box 24635
West Palm Beach, FL 33416

Dear Mr. Jenkins,

The attached Soil Thermal Treatment Facility Inspection Report documents a routine inspection of your facility at 1200 NW 137th Avenue, Miami, FL, by the Department on March 7, 1997. All concerns from the previous inspection were addressed during this inspection. Thank you for your continued cooperation.

If you have any questions or need further information, please contact Lee Martin at 561-681-6676.

Sincerely,

Paul Alan Wierzbicki, P.G.
Waste Cleanup Supervisor

PAW/wlm

cc: Paul Lasa, DERM, Miami
Tom Conrardy, DEP/BWC, Tallahassee
Jeff Smith, DEP/WPB
West Palm Beach File



Department of Environmental Protection

Lawton Chiles
Governor

Southeast District
P.O. Box 15425
West Palm Beach, Florida 33416

Virginia B. Wetherell
Secretary

SOIL THERMAL TREATMENT FACILITY INSPECTION REPORT

1. TYPE INSPECTION: ☐ COMPLAINT ☒ ROUTINE ☐ FOLLOW-UP ☐ PERMITTING
2. FACILITY NAME Rinker Portland Cement Corp.
DER/EPA ID FLD981758485 GMS ID
3. ADDRESS 1200 NW 137th Ave, Miami, FL, 33182
Mailing: P.O. Box 24635, West Palm Beach, FL 33416-4635
COUNTY Dade PHONE 305-221-7645 DATE 3/7/97 TIME 10:30
4. TYPE OF FACILITY Thermal Soil Treatment Facility
5. DESCRIPTION OF OPERATION:
Facility Operations include limework mining and contaminated soil processing to produce cement.
Rinker uses kilns fired by coal, natural gas, or used oil in production.
6. APPL. REGULATIONS: 62-2, F.A.C. ☒ 62-775, F.A.C.
7. RESPONSIBLE OFFICIAL: (Name and Title)
James Jenkins, Vice President
8. SURVEY PARTICIPANTS AND PRINCIPAL INSPECTOR:
William Lee Martin, Raul Alonso, and Dan Phelps, FDEP
Dave Marple, Rinker Materials
9. FACILITY LATITUDE 25°46'57" conf. LONGITUDE 80°25'20" conf. 8/93
10. TYPE OWNERSHIP: FEDERAL STATE COUNTY MUNICIPAL PRIVATE
11. NOTICE NO: SO13-290034 DATE ISSUED: 6/28/96 EXP. DATE: 6/7/2001

Rev 8/18/94

"Protect, Conserve and Manage Florida's Environment and Natural Resources"

Printed on recycled paper.

A routine inspection was conducted at the Rinker Portland Cement Corporation's soil thermal treatment facility regulated pursuant to Chapter 62-775, Florida Administrative Code (FAC), formerly Chapter 17-775, FAC. This facility operates a rotary kiln and utilizes the petroleum contaminated soil in the manufacture of cement.

BACKGROUND INFORMATION:

Rinker was issued a General Permit #SO13-290034 to operate a soil thermal treatment facility on June 28, 1996 which expires on June 7, 2001. The Rinker facility was operating as an existing facility as defined in 62-775.200, FAC prior to the effective date of this rule. A complete process description is provided in the Rinker permit application; however, the process was reviewed at the inspection as follows:

According to Dave Marple, prior to accepting any soil for thermal treatment pursuant to 62-775, FAC, Rinker requires a soil analysis profile. Based on this profile, and specific conditions from Metro Dade Department of Environmental Resources Management (DERM), soils are brought by truck to the soil storage facility. DERM has granted approval authority to Rinker, subject to specific conditions in their solid waste permit. Rinker claims to accept no hazardous wastes as defined in 40 CFR Part 261.

Rinker has operated a materials substitution program for the last six years. This program researches and evaluates different alternative materials for use as raw materials in the production of cement or for use as an alternative fuel source in the kilns. Two alternative materials currently in use include the substitution of fuel contaminated soils for clean silica sand and the substitution of "on-spec" waste oil for fuel oil in kiln burners. Other alternative material substitutions under discussion and/or evaluation for possible future use include: (1) substitution of oily waste water for part of the slurry makeup water, (2) burning tires for fuel, (3) replacing FP&L slag with other power plant ashes such as ash from MSW incinerators, (4) using spent petroleum catalyst as an aluminum source, and (5) blending oily sludges with contaminated soils.

Rinker has received approval for burning old tires as a fuel and iron supplement. The tires are injected whole, two at a time, through a patented system during each rotation of the kiln. The point of injection is approximately midway along the kiln where the temperature is approximately 1800 ° F. Additionally, the tires are packed with petroleum contaminated booms, diapers, absorbent material, jet fuel filters, etc.; however, operational problems with lowering of temperatures has suspended continuous burning but some batch burning is still performed.

Rinker has received a determination that the use of spent petroleum catalyst as an aluminum source is not regulated under 62-775, F.A.C.; however, the characteristics provided would make storage on the bare ground inappropriate. Several loads (10-12) of spent catalyst from a Hess operation in Puerto Rico were received in the past, but handling problems due to the extremely dusty nature of the material has delayed subsequent shipments while a pneumatic off-loading and handling system is being investigated.

The afterburner system for the petroleum contaminated soils is in operation, the soils process through a preliminary kiln (stone dryer) with afterburner first, then go through the cement kiln. Preliminary in house analysis of the soils, although not required, indicate the soils meet clean soil criteria before they are processed through the cement kiln.

SOIL STORAGE FACILITY:

Incoming soils to be thermally treated by Rinker arrive by independent contractors via truck to the new soil storage facility. Rinker has changed their policy concerning drum handling due to the

increase in drill cuttings received in drums and the subsequent bottle neck caused in the off loading area. The drums are placed in the Northwest corner of the facility and emptied as time permits. The empty drums are then rinsed at the drum washing area and crushed for salvage. The rinse water is contained and used on site in slurry production, the sediments are returned to the soil storage facility. The new facility located South of the railroad tracks became operational February 9, 1992 and consists of a 100' by 300' monolith concrete slab sealed to solid concrete walls on three sides with a concrete curb across the front. The facility has an open front to accommodate trucks and equipment, enclosed sides, and a roof. The floor slopes to the southeast corner where a sump is located to collect any contaminated water from wind blown rain seeping through the contaminated soils. The leachate collection tank has been relocated outside the Southeast corner of the facility. The tank is within a secondary containment structure and piping outside the facility is double-walled. An additional interior concrete curb sloping away from the Northeast front wall toward the interior of the facility had been installed. An additional stem wall has been constructed along the Northeast front wall and rain gutters have been redirected after investigation following the December 1996 inspection. This will continue to be checked in the future. The four groundwater wells off the corners of the facility have flush mounted manhole lids. Repairs had been made to the concrete pad around the SW monitor well and the remainder of the wells were checked and watertight, locked well caps were in place. The pad around the SE monitor well needs repair and the secondary containment around the leachate tank had been damaged but repairs were in progress.

The electrical service to the facility has been upgraded allowing conversion of the screening capability and metal removal by magnetic methods from diesel to electric operation with a significant decrease in noise levels during operation. The metal and plastics removed from the soils are collected for transport to the County landfill, Rinker should maintain receipts for proper disposal. The larger concrete debris screened out initially are taken to the rock crusher to be pulverized separately and mixed back in with the contaminated soils at the soil storage facility.

RECORDKEEPING:

Rinker has received a Department alternative procedure approval (File No. AP-STTF001) for testing of contaminated soils. Rinker relies solely on the test results supplied by other labs; however, Rinker requires acknowledgment of a Department approved Quality Assurance plan from the labs supplying the data. Rinker performs spot checks of some samples. A review of records for untreated soil for January 1997 indicated some batches of untreated soils were received which exceeded the clean soil criteria for metals; however, spot checks on some of these batches were made and TCLP analyses were provided which confirms soils were non-toxic and blending records were provided as required by 62-775.400(4), FAC, which confirms blended soils comply with total metals standards. Rinker began treating low level PCB contaminated soils in April 1994 and developed a form to tracking the source, soil PCB content, quantity, PCB concentration, pounds PCB treated, and cumulative year to date PCB treated. The reporting forms for untreated PCB contaminated soils were included with the other untreated soil forms and reviewed. No treated soils analyzed for this quarter exceeded the VOA or TRPH criteria for clean soil in 62-775, FAC.

SUMMARY:

The new soil storage facility incorporates "state of the art" technology in handling and storing petroleum and low level PCB contaminated soils and significantly enhances Rinker's capability to process contaminated soils in an environmentally sound manner. No other signs of discharge were noted and all facility personnel were very cooperative.

EXHIBIT E
Florida Department of Environmental Regulation
STATIONARY SOIL THERMAL TREATMENT FACILITY
INSPECTION REPORT

Name of Facility RINKER MATERIALS
Location 1200 NW 137th AVE., MIAMI, FL 33182
General Permit No. SO 13-290034 Date of Inspection 3/7/97
Contact Person DAVE MARPLE
Person Completing Report LEE MARTIN (DAN PHELPS & PAUL ALONSO)

Instructions: Complete the appropriate spaces for each item listed below. Use comments space to provide additional information for each item. Additional paper may be used if necessary.

Yes No SITE SURVEY

- ☒ 1. Does information provided on general permit notice of intent form coincide with actual facility?
- ☒ 2. Is soil sampling procedure correct?
- ☒ 3. Are monitoring wells properly installed (proper number and location)?
- ☒ 4. Are monitor wells being properly sampled and analysed for required parameters?
- ☒ 5. Is untreated soil stockpiled separately from treated soil and properly identified?
- ☒ 6. Is untreated soil adequately covered by roofing?
- ☒ 7. Do floors for storage appear to be properly constructed and in good condition?
- ☒ 8. Are floors properly bermed to provide runoff control?
- ☒ 9. Is a leachate collection system provided? SECONDARY CONTAINMENT DAMAGED, REPAIRS IN PROGRESS, NO DISCHARGE NOTED.

Yes No REPORTING FORMS

- ☒ 10. Are untreated soil reporting forms being properly completed? starting date 01/02/97 end date 01/31/97
- ☒ 11. Are treated soil reporting forms being properly completed? starting date 10/18/96 end date 2/2/97

12. Indicate frequency clean soil criteria is being met?
- 100 % TRPH - 10 mg/kg, or
 - % TRPH - 50 mg/kg, PAH - 6 mg/kg, and VOH - 50 ug/kg

13. Indicate ranges and approximate median values of untreated soil analyses for the following parameters.

- TRPH BDL mg/kg to 153000 mg/kg, median 267 mg/kg
- VOA BDL mg/kg to 35600 mg/kg, median BDL mg/kg
- Arsenic BDL mg/kg to 10.8 mg/kg
- Barium 1.7 mg/kg to 994 mg/kg
- Cadmium BDL mg/kg to 74.5 mg/kg
- Chromium BDL mg/kg to 181 mg/kg
- Lead BDL mg/kg to 2159 mg/kg
- Mercury BDL mg/kg to 2 mg/kg
- Selenium BDL mg/kg to 7.5 mg/kg
- Silver BDL mg/kg to 10.6 mg/kg

14. Indicate ranges and approximate median values of treated soil analyses for the following parameters.

- TRPH BDL mg/kg to BDL mg/kg, median BDL mg/kg
- VOA BDL mg/kg to BDL mg/kg, median BDL mg/kg
- Arsenic BDL mg/kg to 7.8 mg/kg
- Barium 292 mg/kg to 4120 mg/kg
- Cadmium BDL mg/kg to 29 mg/kg
- Chromium 39 mg/kg to 101 mg/kg
- Lead 4.2 mg/kg to 99 mg/kg
- Mercury BDL mg/kg to BDL mg/kg
- Selenium BDL mg/kg to 2.1 mg/kg
- Silver 1.1 mg/kg to 9.9 mg/kg
- k. _____ mg/kg to _____ mg/kg
- i. _____ mg/kg to _____ mg/kg

Comments: PAD AROUND SE MONITOR WELL NEEDS REPAIR,

William L. Martin
Signature

3/11/97
Date



Department of Environmental Protection

Lawton Chiles
Governor

Southeast District
P.O. Box 15425
West Palm Beach, Florida 33416

Georgia B. Wetherell
Secretary

ENFORCEMENT TRACKING	
DRAFT	
Initial	Date
<i>[Signature]</i>	3/11/97
	3/13/97

Mr. James S. Jenkins, III
Rinker Materials Corporation
P.O. Box 24635
West Palm Beach, FL 33416

Dear Mr. Jenkins,

The attached Soil Thermal Treatment Facility Inspection Report documents a routine inspection of your facility at 1200 NW 137th Avenue, Miami, FL, by the Department on March 7, 1997. All concerns from the previous inspection were addressed during this inspection. Thank you for your continued cooperation.

If you have any questions or need further information, please contact Lee Martin at 561-681-6676.

Sincerely,

Paul Alan Wierzbicki, P.G.
Waste Cleanup Supervisor

PAW/wlm

cc: Paul Lasa, DERM, Miami
Tom Conrardy, DEP/BWC, Tallahassee
Jeff Smith, DEP/WPB
West Palm Beach File



DEC 20 '96

10:08AM CLIFF BERRY INC.

Fax

Cliff Berry, Incorporated

P.O. Box 13079

Port Everglades Station

Fort Lauderdale, Florida 33316

Tel (954) 763 3390

P.1/9

administration fax

(954) 763 8375

operations fax

(954) 764 0415

To:

John Jones

Company:

FL DEP

Fax number:

LEG

3/12/97

Date:

12/20/96

THIS IS FOR THE
DRUM WE SAW AT
PINKER. NO PROBLEM
FOR HAZ WASTE

John

From:

Diana

Message:

Documents you
Requested.

9

number of pages including fax cover sheet

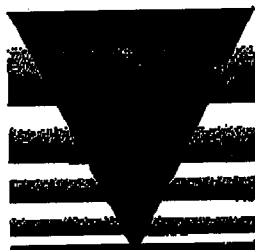
383-8536

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Number 07104	2. Page 1 of 1
3. Generator's Name and Mailing Address TURSAIR PERIMETER RD MIAMI, FL		Tack 405		
4. Generator's Phone (305) 526-6768		6. US EPA ID Number FL0000831156	A. Transporter's Phone (954) 763-3390	
5. Transporter 1 Company Name CLIFF BERRY, INC.		8. US EPA ID Number	B. Transporter's Phone	
7. Transporter 2 Company Name		10. US EPA ID Number	C. Facility's Phone (305) 225-1423	
9. Designated Facility Name and Site Address RINKER MATERIALS CORPORATION 1200 NW 137 AVE. Miami, FL 33182				
11. Waste Shipping Name and Description		12. Containers No.	13. Total Quantity	14. Unit Wt/Vol
a. NON REGULATED PETROLEUM SLUDGE		007	DRUM	1,000
b.				
c.				
d.				
D. Additional Descriptions for Materials Listed Above A:		E. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information A: (1) grease trap (1) containment pit				
16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.				
Printed/Typed Name J. Cornen (For TURSAIR)		Signature <i>[Signature]</i>		Month Day Year 12/09/96
17. Transporter 1 Acknowledgement of Receipt of Materials				
Printed/Typed Name Alan Vargas		Signature <i>[Signature]</i>		Month Day Year 12/09/96
18. Transporter 2 Acknowledgement of Receipt of Materials				
Printed/Typed Name Alan Vargas		Signature <i>[Signature]</i>		Month Day Year 12/09/96
19. Discrepancy Indication Space				
20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in item 19.				
Printed/Typed Name Enrique P. L. Hs		Signature <i>[Signature]</i>		Month Day Year 12/09/96

TRANSPORTER #2

DEC 20 '96 10:09AM CLIFF BERRY INC
 FROM : V.O.C. ANALYTICAL/L. M. Hogan PHONE NO. : 305 938 922

Dec. 09 1996 09:25AM P1



Our Quality Control Is Your Quality Assurance

/- Del

Client #: FTL-90-120103
 Address: Cliff Berry Incorporated
 P.O. Box 13079
 Port Everglades Station, FL 33319
 Attn: Jim Coiner

Page: Page 1 of 3
 Date: 12/06/96
 Log #: L13317-1

Sample Description:

Turspin

Label: Grease Trap
 Date Sampled: 12/03/96
 Time Sampled: 00:00
 Date Received: 12/03/96
 Collected By: Client

Parameter	Results	Units	Method	Reportable		Analysis Date	Analyst
				Detect Limit	Extr. Date		
Bromodichloromethane	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS
Bromodichloromethane	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS
Bromoform	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS
Bromomethane	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS
Carbon Tetrachloride	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS
Chloroethane	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS
2-Chloroethylvinyl Ether	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS
Chloroform	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS
Chloromethane	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS
Dibromochloromethane	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS
1,2-Dichlorobenzene	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS
1,3-Dichlorobenzene	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS
1,4-Dichlorobenzene	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS
Dichlorodifluoromethane	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS
Chlorobenzene	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS
Vinyl Chloride	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS
1,1-Dichloroethane	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS
1,2-Dichloroethane	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS
1,1-Dichloroethene	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS
Cis-1,2-Dichloroethene	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS
Trans-1,2-Dichloroethene	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS
1,2-Dichloropropane	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS
Cis-1,3-Dichloropropene	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS
Trans-1,3-Dichloropropene	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS

FROM : U.O.C. ANALYTICAL/Lisa M. Hogan PHONE NO. : 305 938 9226

Dec. 09 1996 09:26AM P2

Client #: FTL-90-120103
 Address: Cliff Berry Incorporated
 P.O. Box 13079
 Port Everglades Station, FL 33319
 Attn: Jim Coiner

Page: Page 2 of 3
 Date: 12/06/96
 Log #: L13317-1

Sample Description:

Label: Grease Trap
 Date Sampled: 12/03/96
 Time Sampled: 00:00
 Date Received: 12/03/96
 Collected By: Client

Parameter	Results	Units	Method	Reportable			
				Detect Limit	Extr. Date	Analysis Date	Analyst
Surrogate Recoveries: (continued)							
Methylene Chloride	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS
1,1,2,2-Tetrachloroethane	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS
Tetrachloroethene	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS
1,1,1-Trichloroethane	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS
1,1,2-Trichloroethane	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS
Trichloroethane	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS
Trichlorofluoromethane	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS
Benzene	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS
Toluene	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS
MTBE	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS
Ethylbenzene	0.48	mg/kg	5030/8260	0.050	12/05	12/05	KS
Total Xylenes	0.79	mg/kg	5030/8260	0.050	12/05	12/05	KS
Total BTEX	1.3	mg/kg	5030/8260	0.050	12/05	12/05	KS
Dilution Factor	1.0		5030/8260		12/05	12/05	KS
Surrogate Recoveries:							
4-Bromofluorobenzene	118	%	5030/8260	65-131	12/05	12/05	KS
Dibromofluoromethane	104	%	5030/8260	58-146	12/05	12/05	KS
Toluene-D8	113	%	5030/8260	78-118	12/05	12/05	KS
1,4-Difluorobenzene	n/a	%	5030/8260	68-139	12/05	12/05	KS
Bromochloromethane	n/a	%	5030/8260	58-144	12/05	12/05	KS
Surrogate Recoveries:							
Total Organic Halogens	BDL	mg/kg	9023	40	12/06	12/06	INO
Total Petroleum Hydrocarbon	300	mg/kg	3550/1664	50	12/05	12/05	INO
Metals by Inductively Coupled Plasma Atomic Emission Spectrometry:							
Arsenic	1.6	mg/kg	3050/6010A	1.0	12/04	12/04	GP
Barium	140	mg/kg	3050/6010A	1.0	12/04	12/04	GP
Cadmium	BDL	mg/kg	3050/6010A	5.0	12/04	12/04	GP
Chromium	8.5	mg/kg	3050/6010A	1.0	12/04	12/04	GP
Lead	19	mg/kg	3050/6010A	1.0	12/04	12/04	GP
Mercury	BDL	mg/kg	7471	0.10	12/04	12/05	GP
Selenium	BDL	mg/kg	3050/6010A	10	12/04	12/04	GP
Silver	1.6	mg/kg	3050/6010A	1.0	12/04	12/04	GP

DEC 20 '96 10:10AM CLIFF BERRY INC
FROM : U.O.C. ANALYTICAL/Lisa M. Hogan PHONE NO. : 305 938 9222

Client #: FTY.-90-120103
Address: Cliff Barry Incorporated
P.O. Box 13079
Port Everglades Station, FL 33319
Attn: Jim Coiner

Page: Page 3 of 3
Date: 12/06/96
Log #: L13317-1

Sample Description:

Label: Grease Trap
Date Sampled: 12/03/96
Time Sampled: 00:00
Date Received: 12/03/96
Collected By: Client

Parameter	Results	Units	Method	Reportable			Analyst
				Detect Limit	Extr. Date	Analysis Date	

MAFEL RECEIVING

QAFU 900376G
SUN FRSW 86122.86109, E86040
SC CUREU 06031
TN CSTR74 02986
AT.PAY# 14801
VA CERT# 00395
MA CERT# M-FL449
ND CERT# 2-144

NRN# E86240.86356
ADEN ID# 40850
NC CERT# 444
GT CERT# PH-0122
CA CERT# 1-106H
AZ CERT# A2G529
UNACK CERT

~~Respectfully submitted,~~

Marino Fernandez
Laboratory Director

L-13317-1

DEC 20 '96 10:10AM CLIFF BERRY INC
 FROM : V.O.C. ANALYTICAL LAB M. Hogan PHONE NO. : 305 938 922

Dec. 09 1996 09:27AM P4

1-DM

Client #: FTL-90-120103
 Address: Cliff Berry Incorporated
 P.O. Box 13079
 Port Everglades Station, FL 33319
 Attn: Jim Coiner

Page: Page 1 of 3
 Date: 12/06/96
 Log #: L13317-2

Sample Description:

Turkey

Label: Cont. Pit Sludge
 Date Sampled: 12/03/96
 Time Sampled: 00:00
 Date Received: 12/03/96
 Collected By: Client

Parameter	Results	Units	Method	Reportable			Analyst
				Detect Limit	Extr. Date	Analysis Date	
Percent Solid	10	%	SM2540B	0.10	12/03	12/03	LP
Bromodichloromethane	BDL	mg/kg	5030/8260	5.0	12/05	12/05	KS
Bromoform	BDL	mg/kg	5030/8260	5.0	12/05	12/05	KS
Bromomethane	BDL	mg/kg	5030/8260	5.0	12/05	12/05	KS
Carbon Tetrachloride	BDL	mg/kg	5030/8260	5.0	12/05	12/05	KS
Chloroethane	BDL	mg/kg	5030/8260	5.0	12/05	12/05	KS
2-Chloroethylvinyl Ether	BDL	mg/kg	5030/8260	5.0	12/05	12/05	KS
Chloroform	BDL	mg/kg	5030/8260	5.0	12/05	12/05	KS
Chloromethane	BDL	mg/kg	5030/8260	5.0	12/05	12/05	KS
Dibromochloromethane	BDL	mg/kg	5030/8260	5.0	12/05	12/05	KS
1,2-Dichlorobenzene	BDL	mg/kg	5030/8260	5.0	12/05	12/05	KS
1,3-Dichlorobenzene	BDL	mg/kg	5030/8260	5.0	12/05	12/05	KS
1,4-Dichlorobenzene	BDL	mg/kg	5030/8260	5.0	12/05	12/05	KS
Dichlorodifluoromethane	BDL	mg/kg	5030/8260	5.0	12/05	12/05	KS
Chlorobenzene	BDL	mg/kg	5030/8260	5.0	12/05	12/05	KS
Vinyl Chloride	BDL	mg/kg	5030/8260	5.0	12/05	12/05	KS
1,1-Dichloroethane	BDL	mg/kg	5030/8260	5.0	12/05	12/05	KS
1,2-Dichloroethane	BDL	mg/kg	5030/8260	5.0	12/05	12/05	KS
1,1-Dichloroethene	BDL	mg/kg	5030/8260	5.0	12/05	12/05	KS
Cis-1,2-Dichloroethene	BDL	mg/kg	5030/8260	5.0	12/05	12/05	KS
Trans-1,2-Dichloroethene	BDL	mg/kg	5030/8260	5.0	12/05	12/05	KS

FROM : U.O.C. ANALYTICAL/Lisa M. Hogan PHONE NO. : 305 938 9228

Dec. 09 1996 09:27AM PS

Client #: FTL-90-120103
 Address: Cliff Berry Incorporated
 P.O. Box 13079
 Port Everglades Station, FL 33319
 Attn: Jim Coiner

Page: Page 2 of 3
 Date: 12/06/96
 Log #: L13317-2

Sample Description:

Label: Cont. Pit Sludge
 Date Sampled: 12/03/96
 Time Sampled: 00:00
 Date Received: 12/03/96
 Collected By: Client

Reportable

Parameter	Results	Units	Method	Detect Limit	Extr. Date	Analysis Date	Analyst
(continued)							
1,2-Dichloropropane	BDL	mg/kg	5030/8260	5.0	12/05	12/05	KS
Cis-1,3-Dichloropropene	BDL	mg/kg	5030/8260	5.0	12/05	12/05	KS
Trans-1,3-Dichloropropene	BDL	mg/kg	5030/8260	5.0	12/05	12/05	KS
Methylene Chloride	BDL	mg/kg	5030/8260	5.0	12/05	12/05	KS
1,1,2,2-Tetrachloroethane	BDL	mg/kg	5030/8260	5.0	12/05	12/05	KS
Tetrachloroethene	BDL	mg/kg	5030/8260	5.0	12/05	12/05	KS
1,1,1-Trichloroethane	BDL	mg/kg	5030/8260	5.0	12/05	12/05	KS
1,1,2-Trichloroethane	BDL	mg/kg	5030/8260	5.0	12/05	12/05	KS
Trichloroethene	BDL	mg/kg	5030/8260	5.0	12/05	12/05	KS
Trichlorofluoromethane	BDL	mg/kg	5030/8260	5.0	12/05	12/05	KS
Benzene	BDL	mg/kg	5030/8260	5.0	12/05	12/05	KS
Toluene	78	mg/kg	5030/8260	5.0	12/05	12/05	KS
MIBK	BDL	mg/kg	5030/8260	5.0	12/05	12/05	KS
Ethylbenzene	BDL	mg/kg	5030/8260	5.0	12/05	12/05	KS
Total Xylenes	BDL	mg/kg	5030/8260	5.0	12/05	12/05	KS
Total BTEX	78	mg/kg	5030/8260	5.0	12/05	12/05	KS
Dilution Factor	100		5030/8260		12/05	12/05	KS
Surrogate Recoveries:							
4-Bromofluorobenzene	113	%	5030/8260	65-131	12/05	12/05	KS
Dibromofluoromethane	103	%	5030/8260	58-146	12/05	12/05	KS
Toluene-D8	118	%	5030/8260	78-118	12/05	12/05	KS
1,4-Difluorobenzene	n/a	%	5030/8260	68-139	12/05	12/05	KS
Bromochloromethane	n/a	%	5030/8260	58-144	12/05	12/05	KS
Total Organic Halogens							
Total Organic Halogens	BDL	mg/kg	9023	40	12/05	12/05	INO
Total Petroleum Hydrocarbon	300	mg/kg	3550/1664	50	12/05	12/05	INO
Heavy Metals							
Arsenic	BDL	mg/kg	3050/6010A	1.0	12/04	12/04	GP
Barium	7.8	mg/kg	3050/6010A	1.0	12/04	12/04	GP
Cadmium	4.7	mg/kg	3050/6010A	1.0	12/04	12/04	GP
Chromium	5.9	mg/kg	3050/6010A	1.0	12/04	12/04	GP
Lead	17	mg/kg	3050/6010A	1.0	12/04	12/04	GP

Client #: FTL 90-120103
Address: Cliff Berry Incorporated
P.O. Box 13079
Port Everglades Station, FL 33319
Attn: Jim Coiner

Page: Page 3 of 3
Date: 12/06/96
Log #: L13317-2

Sample Description:

Label: Cont. Pit Sludge
Date Sampled: 12/03/96
Time Sampled: 00:00
Date Received: 12/03/96
Collected By: Client

Parameter	Results	Units	Method	Reportable	Extr. Date	Analysis Date	Analyst
				Detect Limit			
Mercury	BDL	mg/kg	7471	0.10	12/04	12/05	GP
Mercury	BDL	mg/kg	7471	0.10	12/04	12/05	GP
Selenium	BDL	mg/kg	3050/6010A	1.0	12/04	12/04	GP
Silver	BDL	mg/kg	3050/6010A	1.0	12/04	12/04	GP

BDL = Below Detection Limits

* Compounds are Screened Only, with an estimated detection limit.

All analyses were performed using EPA, ASTM, USGS, or Standard Methods.

All analyses were performed within EPA holding times unless otherwise noted.

Analyses are reported in dry weight unless otherwise indicated by units.

QAPP 0003760
SUB HRS# 06122,06107,069040
SC CERT# 34031
TN CERT# 02985
ELPATE 13801
VA CERT# 00395
NA CERT# M 9(440)
ND CERT# K-145

HRS# 066240,06356
ADEN ID# 10850
NC CERT# 444
CT CERT# PH-0122
CA CERT# 1-1068
AZ CERT# AZ0529
USACE CERT

 Respectfully Submitted.

Marino Fernandez
Laboratory Director

L13317-2

EXHIBIT E
Florida Department of Environmental Regulation
STATIONARY SOIL THERMAL TREATMENT FACILITY
INSPECTION REPORT

Name of Facility RINKER MATERIALS
Location 1200 NW 137th AVE., MIAMI, FL 33182
General Permit No. SO 13-290034 Date of Inspection 3/7/97
Contact Person DAVE MARPLE
Person Completing Report LEE MARTIN (DAN PHELPS & PAUL ALONSO)

Instructions: Complete the appropriate spaces for each item listed below. Use comments space to provide additional information for each item. Additional paper may be used if necessary.

Yes No SITE SURVEY

- ☒ 1. Does information provided on general permit notice of intent form coincide with actual facility?
- ☒ 2. Is soil sampling procedure correct?
- ☒ 3. Are monitoring wells properly installed (proper number and location)?
- ☒ 4. Are monitor wells being properly sampled and analysed for required parameters?
- ☒ 5. Is untreated soil stockpiled separately from treated soil and properly identified?
- ☒ 6. Is untreated soil adequately covered by roofing?
- ☒ 7. Do floors for storage appear to be properly constructed and in good condition?
- ☒ 8. Are floors properly bermed to provide runoff control?
- ☒ 9. Is a leachate collection system provided? SECONDARY CONTAINMENT DAMAGED, REPAIRS IN PROGRESS, NO DISCHARGE NOTED.

Yes No REPORTING FORMS

- ☒ 10. Are untreated soil reporting forms being properly completed? starting date 01/02/97 end date 01/31/97
- ☒ 11. Are treated soil reporting forms being properly completed? starting date 10/18/96 end date 2/2/97

12. Indicate frequency clean soil criteria is being met?
- 100 % TRPH - 10 mg/kg, or
 - % TRPH - 50 mg/kg, PAH - 6 mg/kg, and VOH - 50 ug/kg
13. Indicate ranges and approximate median values of untreated soil analyses for the following parameters.
- TRPH BDL mg/kg to 153000 mg/kg, median 267 mg/kg
 - VOA BDL mg/kg to 35600 mg/kg, median BDL mg/kg
 - Arsenic BDL mg/kg to 10.8 mg/kg
 - Barium 1.7 mg/kg to 994 mg/kg
 - Cadmium BDL mg/kg to 74.5 mg/kg
 - Chromium BDL mg/kg to 181 mg/kg
 - Lead BDL mg/kg to 2159 mg/kg
 - Mercury BDL mg/kg to 2 mg/kg
 - Selenium BDL mg/kg to 7.5 mg/kg
 - Silver BDL mg/kg to 10.6 mg/kg
14. Indicate ranges and approximate median values of treated soil analyses for the following parameters.
- TRPH BDL mg/kg to BDL mg/kg, median BDL mg/kg
 - VOA BDL mg/kg to BDL mg/kg, median BDL mg/kg
 - Arsenic BDL mg/kg to 7.8 mg/kg
 - Barium 292 mg/kg to 4120 mg/kg
 - Cadmium BDL mg/kg to 29 mg/kg
 - Chromium 39 mg/kg to 101 mg/kg
 - Lead 4.2 mg/kg to 99 mg/kg
 - Mercury BDL mg/kg to BDL mg/kg
 - Selenium BDL mg/kg to 2.1 mg/kg
 - Silver 1.1 mg/kg to 9.9 mg/kg
 - mg/kg to mg/kg
 - mg/kg to mg/kg

Comments: PAD AROUND SE MONITOR WELL NEEDS REPAIR,

William L. Martin
Signature

3/11/97
Date

Florida Department of Environmental Regulation
Soil Remediation Treatment Facility
Treated Soil Reporting Form

Name of Facility: RINKER MATERIALS CORP.
Air Permit No.: A013-172154
Soil Treatment Permit No.: SM-01117-91
Stationary: X or Mobile Facility: _____

Month: _____ Year: 97

1 Day of Batch No.	2 Soil Batch ID#	3 Sample Number	4 Length of Run, Hours	5 Amount, Volume or Weight cy/tn	6											7											8	9	10	11
					Analytical Results											TCLP Metals											Totals			
					Total Metals											TCLP Metals														
					As	Ba	Cd	Cr	Pb	Hg	Se	Ag	As	Ba	Cd	Cr	Pb	Hg	Se	Ag	VOA	RPII	PAII	VOII						
1/20																														
1-27		42	168		3.0	928	32	55	11.4	802	802	3.7	802	802	802	802	802	802	802	802	802	802	802	802	802					
1/28																														
2-2		42	168		3.6	1080	3.2	45.1	8.4	814	802	2.9	802	802	802	802	802	802	802	802	802	802	802	802	802					

Name of Facility: Recher Materials
Air Permit No.: _____
Soil Treatment Permit No.: _____
Stationary: _____ or Mobile Facility: _____

Month: _____ Year: _____

1	2	3	4	5	6	7	8	9	10	11
Day of Batch ID#	Soil Batch ID#	Sample Number	Length of Run, Hours	Amount, Volume or Weight cy/tn	Analytical Results					
					Total Metals			TCMP Metals		
					As	Ba	Cd	Cr	Pb	Hg
					Se	Ag	As	Ba	Cd	Cr
					Pb	Hg	Se	Ag	As	Ba
					VOA	RPH	PAH	VOH		
1-19		42	16.8		3.99	1145	38	45	58.5	38.5
2-19		42	16.8		3.49	1110	29	48	59	38
3-19		42	16.8		3.48	1120	29	46	99	38
4-19		42	16.8		2.51	1020	28	35	79	38
5-19		42	16.8		5.14	463	341	848	4.2	30.5
6-19		42	16.8		7.8	468	301	722	12.2	30.5
7-19		42	16.8		4.6	302	301	53.2	10.8	30.5
8-19		42	16.8		3.9	292	301	48.6	9.5	30.5
9-19		42	16.8		4.7	116	301	63.1	13.1	30.5
10-19		42	16.8		3.0	1180	301	62.1	6.5	30.5
11-19		42	16.8		3.2	1780	4.5	52.9	9.7	30.5
12-19		42	16.8		4.1	3390	5.3	81	47.5	30.5
13-19		42	16.8		3.6	2450	4.9	71.8	39.5	30.5
14-19		42	16.8		3.0	1660	3.5	63.4	28.5	30.5
15-19		42	16.8		3.0	3340	3.9	66.6	36	30.5
16-19		42	16.8		3.0	4420	3.7	73.9	38.5	30.5
17-19		42	16.8		3.0	2850	3.4	61.4	35.5	30.5
18-19		42	16.8		3.0	3870	3.3	53.9	33	30.5
19-19		42	16.8		3.0	240	2.6	84.0	12.9	30.5
20-19		42	16.2		3.0	2080	2.8	101	12.2	30.5

Soil Thermal Treatment Facility Untreated Soil Reporting Form

Name of Facility: **RINKER MATERIALS CORP.**
Air Permit No.: **A013-172154**
Soil Treatment Permit No.: **SW-01117-91**
Stationar **XXX** or Mobile Facility:

DER Form #	17-775.900(2)
Form Title	Soil Thermal Treatment Facility
Effective Date	Untreated Soil Reporting Form
DER Application No	

1	2	3	4	5										6	7	8	9
Day of Mo.	Soil Batch ID#	Sample Number	Amount Volume or Weight g/tn	Analytical Results												Indicate Other Analyses Attach Lab Results Only	
				Metals										Totals			
				AS	BA	CD	CR	PB	HG	SE	AG	VOA	RPH	VOH			
01/02/97	553-97001	1	11.69	4.50	8.30	BDL	12.6	BDL	BDL	BDL	BDL	833	6428	BDL			
01/02/97	591-97001	1	9.88	BDL	23.4	BDL	6.5	23.1	BDL	BDL	BDL	22980	72014	BDL			
01/03/97	114-97003	1	43.39	BDL	6.80	BDL	5.20	13.0	BDL	BDL	BDL	BDL	267	BDL			
01/03/97	114-97004	1	0.18	BDL	3.1	BDL	2.6	4.6	BDL	BDL	BDL	31220	21.155	BDL			
01/03/97	114-97005	1	0.14	2.00	5.50	BDL	2.40	6.67	BDL	BDL	BDL	150	8153	BDL			
01/03/97	114-97006	1	0.31	BDL	10.7	BDL	7.15	20.0	BDL	BDL	BDL	BDL	44.6	BDL			
* 01/03/97	344-97001	1	45.03	BDL	71.0	1.0	43.0	176	BDL	BDL	1.1	4223	72	BDL			
* 01/06/97	114-97001	1	0.56	8.80	130	31.0	274	273	0.14	BDL	BDL	35600	48838	BDL			
* 01/07/97	684-97001	1	0.48	1.5	994	2.3	22	4.3	BDL	0.5	2.2	BDL	56635	BDL			
* 01/08/97	114-97002	1	0.17	BDL	240	13	BDL	290	1.5	BDL	BDL	13000	80000	BDL			
* 01/08/97	269-97001	1	3.76	4.25	290.19	74.54	181.03	2159	5.05	<.532	<10.64	337	153000	BDL			
01/10/97	464-97001	1	0.25	BDL	3.90	BDL	6.50	12	0.100	BDL	BDL	BDL	110	BDL			
01/10/97	687-97001	1	0.25	BDL	5.40	BDL	5.80	BDL	BDL	BDL	BDL	BDL	BDL	BDL			
01/13/97	114-97007	1	0.47	1.10	21.0	BDL	27.0	18.0	BDL	BDL	BDL	12000	1682	BDL			
01/14/97	203-97001	3	296.97	BDL	3	BDL	3.97	BDL	BDL	BDL	0.47	BDL	BDL	BDL			
01/14/97	514-97001	1	79.11	BDL	3.36	BDL	4.63	15.2	BDL	BDL	BDL	0.23	387	BDL			
01/15/97	114-97010	1	9.45	1.4	23	BDL	8.2	30	BDL	BDL	BDL	8200	400	BDL			
01/16/97	475-97001	3	89.68	<0.500	6.71	8.83	5.25	22.7	<0.010	0.0864	1.05	BDL	735	BDL			
01/17/97	311-97001	1	0.25	<10	<20	<2.0	10	85	<0.25	<50	<2.0	BDL	1900	BDL			
01/17/97	423-97001	1	27.49	BDL	2.56	BDL	3.10	2.01	BDL	1.01	0.81	BDL	329	BDL			
01/17/97	475-97001	3	101.43	<0.500	6.71	8.83	5.25	22.7	<0.010	0.0864	1.05	BDL	735	BDL			
01/17/97	613-97001	1	0.48	<0.500	3.94	.555	3.58	7.34	<0.010	<0.500	2.68	BDL	326	.009			
01/17/97	613-97002	1	0.50	.398	4.32	.168	6.66	6.62	<0.010	<0.020	2.97	4020	591	BDL			
01/17/97	686-97001	1	58.89	1.1	720	1.3	3.4	1.2	BDL	BDL	BDL	3697	BDL	BDL			
* 01/21/97	293-97001	31	565.00	10.85	52.16	0.08	50.43	78.	0.23	3.15	BDL	BDL	154	BDL			
01/21/97	302-97001	1	21.44	BDL	8.6	BDL	5.1	12.9	0.13	BDL	1.2	BDL	41	BDL			
* 01/22/97	293-97001	31	592.13	10.85	52.16	0.08	50.43	78.	0.23	3.15	BDL	BDL	154	BDL			

775.900(2)

* SEE ATTACHMENT "A"

VOA = PPB
RPH = PPM
VOH = PPM

Soil Thermal Treatment Facility Untreated Soil Reporting Form

Month: JANUARY

Year: 1997

Name of Facility: **RINKER MATERIALS CORP.**
Air Permit No.: **A013-172154**
Soil Treatment Permit No.: **SW-01117-91**
Stationer: **XXX** or Mobile Facility: _____

DER Form # **17-775.900(2)**
Form Title **Soil Thermal Treatment Facility
Untreated Soil Reporting Form**
Effective Date _____
DER Application No _____

1	2	3	4	5										6	7	8	9	
Day of Mo.	Soil Batch ID#	Sample Number	Amount Volume or Weight	Analytical Results										Totals		Indicate Other Analyses Attach Lab Results Only		
			Weight or cy/in	AS	BA	CD	CR	PB	HG	SE	AG	VOA	RPH	VOH				
01/22/97	475-97002	1	9.26	<0.400	5.16	0.835	7.46	22.5	<.0010	7.55	<.0100	24300	80.5	BDL				
* 01/23/97	293-97001	31	811.27	10.85	52.16	0.08	50.43	78.	0.23	3.15	BDL	BDL	154	BDL				
01/23/97	342-97001	1	1.50	BDL	2.8	BDL	4.4	1.6	BDL	BDL	BDL	BDL	132	BDL				
01/23/97	342-97002	1	1.80	BDL	93.0	BDL	BDL	12.0	BDL	BDL	BDL	BDL	41050	BDL				
01/24/97	105-97001	1	103.57	BDL	1.73	BDL	2.69	2.59	BDL	BDL	BDL	BDL	46	BDL				
01/24/97	114-97008	1	0.35	BDL	30.0	7.70	38.0	83.0	.160	BDL	BDL	BDL	5.4	BDL				
01/24/97	114-97009	1	0.65	BDL	20.2	1.52	30.5	24.7	BDL	BDL	BDL	BDL	17.7	BDL				
* 01/24/97	293-97001	31	516.54	10.85	52.16	0.08	50.43	78.	0.23	3.15	BDL	BDL	154	BDL				
01/24/97	485-97001	1	14.42	BDL	8.4	0.48	7.2	9.7	BDL	BDL	BDL	BDL	23200	BDL				
01/24/97	688-97001	1	5.23	BDL	BDL	BDL	BDL	BDL	2	BDL	BDL	109	4075	BDL				
01/25/97	114-97012	1	39.63	2.0	22	BDL	3.4	82	BDL	BDL	BDL	15500	16000	BDL				
01/27/97	203-97002	5	513.36	BDL	2.83	BDL	3.95	8.03	BDL	BDL	BDL	BDL	BDL	BDL				
* 01/27/97	293-97001	31	554.77	10.85	52.16	0.08	50.43	78.	0.23	3.15	BDL	BDL	154	BDL				
01/27/97	302-97002	1	25.07	BDL	5.0	BDL	5.2	102.4	BDL	BDL	BDL	BDL	2200	BDL				
01/28/97	114-97011	1	27.16	BDL	BDL	BDL	BDL	1.2	0.12	BDL	BDL	660	1100	BDL				
01/28/97	203-97002	5	160.11	BDL	2.83	BDL	3.95	8.03	BDL	BDL	BDL	BDL	BDL	BDL				
* 01/28/97	293-97001	31	844.24	10.85	52.16	0.08	50.43	78.	0.23	3.15	BDL	BDL	154	BDL				
01/28/97	302-97002	1	45.85	BDL	5.0	BDL	5.2	102.4	BDL	BDL	BDL	BDL	2200	BDL				
* 01/28/97	302-97003	1	1.10	BDL	3.3	BDL	4.8	15.2	0.26	BDL	BDL	2278	43500	BDL				
01/28/97	429-97001	1	14.33	BDL	06	0.68	13	48	BDL	BDL	BDL	BDL	27300	BDL				
* 01/28/97	429-97002	1	14.51	BDL	7.0	.75	4.7	110	BDL	BDL	BDL	BDL	15700	BDL				
01/28/97	464-97002	1	82.55	BDL	10.	BDL	5.2	23.0	BDL	BDL	BDL	3106	3	BDL				
* 01/29/97	293-97001	31	894.50	10.85	52.16	0.08	50.43	78.	0.23	3.15	BDL	BDL	154	BDL				
01/29/97	302-97002	1	26.10	BDL	5.0	BDL	5.2	102.4	BDL	BDL	BDL	BDL	2200	BDL				
01/29/97	464-97002	1	61.69	BDL	10.	BDL	5.2	23.0	BDL	BDL	BDL	BDL	3	BDL				
01/29/97	467-97001	3	228.63	BDL	3.67	BDL	3.67	BDL	BDL	BDL	BDL	3	69.	BDL				
01/30/97	203-97003	5	67.96	BDL	2.83	BDL	3.95	8.03	BDL	BDL	BDL	BDL	BDL	BDL				
775.960(2)																		

775.900(2)

* SEE ATTACHMENT "A"

Twin Towers Office Bldg. 2600 Blair Stone Road Tallahassee, Florida 32399-2400

Year: 1997

Soil Thermal Treatment Facility Untreated Soil Reporting Form

Air Permit No.: A013-172154

A013-172154

SW-01117-91

or Mobile Facility:

17-775.900(2)

Soil Thermal Treatment Facility

Untreated Soil Reporting Form

DER Application No

1	2	3	4	5										6	7	8	9
Day of Mo.	Soil Batch ID#	Sample Number	Amount Volume or Weight	Analytical Results										Indicate Other Analyses Attach Lab Results Only			

775.900(2)

*** SEE ATTACHMENT "A"**

Name of Facility: RINKER MATERIALS CORP
Air Permit No.: A013-172154
Soil Treatment Permit No.: SW-01117-91
Stationary XXX or Mobile Facility:

ATTACHMENT "A"

Metals Blending Report

Month January Year 1997

[illegible]

RINKER MATERIALS SUBSTITUTION

Material Analysis Report

REPORT DATE 2/13/97
SAMPLE DATE 1/3/97
SAMPLE SOURCE COASTAL TANK 215
REFERENCE # 344-97001
R.E.S. NUMBER 5704-6069
SAMPLE TYPE SOIL

PARAMETER	RESULTS CONT.	RESULT CLEAN	RESULT BLEND	UNITS	METHOD	LIMITS		ANALYSIS DATE	ANALYST INITIAL
						DET.	REG.		
LEAD	212	BDL	32	mg/kg	7420	1	100	1/30, 2/10 2/13/97	PEP/JSP

***RESAMPLED

BLEND = 1 Contaminated Wi 3 CLEAN

BDL = Below detection limit

Juan A. Gonzalez

RINKER MATERIALS SUBSTITUTION

Material Analysis Report

REPORT DATE 2/13/97
SAMPLE DATE 1/6/97
SAMPLE SOURCE CHEVRON GARAGE
REFERENCE # 114-97001
R.E.S. NUMBER 5706-6069
SAMPLE TYPE CONT. SOIL

PARAMETER	RESULTS CONT.	RESULT CLEAN	RESULT BLEND	UNITS	METHOD	LIMITS		ANALYSIS DATE	ANALYST INITIAL
						DET.	REG.		
LEAD	176	BDL	32	mg/kg	7420	1	100	1/30, 2/10 2/13/97	PEP/JSP
CHROMIUM	95.3	BDL	9.3	mg/kg	7190	1	50	1/30, 2/10 2/13/97	PEP/JSP

***RESAMPLED

BLEND = 1 Contaminated Wi 6 CLEAN
BDL = Below detection limit

RINKER MATERIALS SUBSTITUTION

Material Analysis Report

REPORT DATE 2/13/97
SAMPLE DATE 1/8/97
SAMPLE SOURCE USCG
REFERENCE # 114-97002
R.E.S. NUMBER 5986-6069
SAMPLE TYPE CONT. SOIL

PARAMETER	RESULTS CONT.	RESULT CLEAN	RESULT BLEND	UNITS	METHOD	LIMITS		ANALYSIS DATE	ANALYST INITIAL
						DET.	REG.		
LEAD	33	BDL	32	mg/kg	7420	1	100		

****RESAMPLED

BLEND = 1 Contaminated Wi 3 CLEAN

BDL = Below detection limit

Juan A. Gonzalez

RINKER MATERIALS SUBSTITUTION

Material Analysis Report

REPORT DATE 2/13/97
SAMPLE DATE 1/8/97
SAMPLE SOURCE CUSHMAN
REFERENCE # 269-97001
R.E.S. NUMBER 5707-6069
SAMPLE TYPE CONT. SOIL

PARAMETER	RESULTS CONT.	RESULT CLEAN	RESULT BLEND	UNITS	METHOD	LIMITS		ANALYSIS DATE	ANALYST INITIAL
						DET.	REG.		
LEAD	12.0	BDL	32	mg/kg	7420	1	100	1/30,1/31,2/10 2/13/97	PEP/JSP
CADMIUM	1.1	BDL	1.6	mg/kg	7131	1	30	1/30,1/31,2/10 2/13/97	PEP/JSP
CHROMIUM	3.6	BDL	9.3	mg/kg	7190	1	50	1/30,1/31,2/10 2/13/97	PEP/JSP

****RESAMPLED

BLEND = 1 Contaminated Wi 20 CLEAN

BDL = Below detection limit

RINKER MATERIALS SUBSTITUTION

Material Analysis Report

REPORT DATE 2/13/97
SAMPLE DATE 1/21/97
SAMPLE SOURCE FPL CUTLER RIDGE
REFERENCE # 293-97001
R.E.S. NUMBER 5987-6069
SAMPLE TYPE CONT. SOIL

PARAMETER	RESULTS CONT.	RESULT CLEAN	RESULT BLEND	UNITS	METHOD	LIMITS		ANALYSIS DATE	ANALYST INITIAL
						DET.	REG.		
ARSENIC	5.3	BDL	1.6	mg/kg	7061	1	10	1/30,1/31,2/10 2/13/97	PEP/JSP
CHROMIUM	20.6	BDL	9.3	mg/kg	7190	1	50	1/30,1/31,2/10 2/13/97	PEP/JSP

****RESAMPLED

BLEND = 1 Contaminated Wi 2 CLEAN

BDL = Below detection limit

RINKER MATERIALS SUBSTITUTION

Material Analysis Report

REPORT DATE 2/13/97
SAMPLE DATE 1/28/97
SAMPLE SOURCE FPL
REFERENCE # 429-97002
R.E.S. NUMBER 6066-6069
SAMPLE TYPE CONT. SOIL

PARAMETER	RESULTS CONT.	RESULT CLEAN	RESULT BLEND	UNITS	METHOD	LIMITS		ANALYSIS DATE	ANALYST INITIAL
						DET.	REG.		
LEAD	10.7	BDL	32.3	mg/kg	7420	1	100	2/10, 2/13/97	PEP/JSP

***RESAMPLED

BLEND = 1 Contaminated Wi 1 CLEAN

BDL = Below detection limit

Juan A. Gonzalez

RINKER MATERIALS SUBSTITUTION

Material Analysis Report

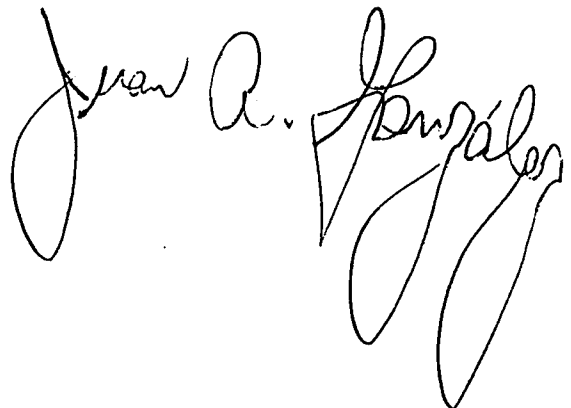
REPORT DATE 2/13/97
SAMPLE DATE 1/31/97
SAMPLE SOURCE AMOCO
REFERENCE # 475-97003
R.E.S. NUMBER 6067-6069
SAMPLE TYPE CONT. SOIL

PARAMETER	RESULTS	RESULT	RESULT	UNITS	METHOD	LIMITS		ANALYSIS	ANALYST
	CONT.	CLEAN	BLEND			DET.	REG.	DATE	INITIAL
LEAD	22.2	BDL	32.3	mg/kg	7420	1	100	2/10, 2/13/97	PEP/JSP

***RESAMPLED

BLEND = 1 Contaminated Wi 1 CLEAN

BDL = Below detection limit



Soil Thermal Treatment Facility Untreated Soil Reporting Form

Name of Facility: RINKER MATERIALS CORP.
Air Permit No.: A013-172154
Soil Treatment Permit No.: SW-01117-91
Stationar XXX or Mobile Facility: _____

DER Form #	17-775.900(2)
Form Title	Soil Thermal Treatment Facility
Effective Date	Untreated Soil Reporting Form
DER Application No	

1	2	3	4	5										6	7	8	9
Day of Mo.	Soil Batch ID#	Sample Number	Amount Volume or Weight	Analytical Results										Totals		Indicate Other Analyses Attach Lab Results Only	
				AS	BA	CD	CR	PB	HG	SE	AG	VOA	RPH	VOH			
12/02/96	514-96035	6	257.61	BDL	4.38	BDL	4.70	1.12	BDL	BDL	BDL	BDL	908	BDL			
12/03/96	203-96050	1	90.63	BDL	4.00	BDL	6.10	BDL	BDL	BDL	BDL	BDL	BDL	BDL			
12/03/96	514-96035	6	296.31	BDL	4.38	BDL	4.70	1.12	BDL	BDL	BDL	BDL	908	BDL			
12/03/96	682-96001	1	108.73	BDL	3.0	BDL	5.0	3.8	BDL	BDL	BDL	38	3200	BDL			
12/04/96	347-96002	1	11.43	1.03	542	2	27.5	29	BDL	BDL	2.0	BDL	45772	BDL			
12/04/96	514-96035	6	413.40	BDL	4.38	BDL	4.70	1.12	BDL	BDL	BDL	BDL	908	BDL			
12/04/96	554-96007	3	79.03	BDL	5.69	BDL	2.68	34.	BDL	BDL	BDL	BDL	109.5	BDL			
12/05/96	114-96119	1	14.80	BDL	2400	BDL	3.0	1.5	BDL	BDL	BDL	1340	470	BDL			
12/05/96	114-96120	1	4.59	4.00	180	3.80	43.0	121	BDL	BDL	2.20	31960	3.8	BDL			
12/06/96	324-96002	1	13.45	10	46	11	35	17	0.22	<10	<1.0	126	1700	BDL			
12/06/96	344-96035	1	0.25	32.0	481	BDL	122	827	BDL	BDL	BDL	608900	20850	BDL			
12/06/96	594-96002	1	3.15	1.70	18.0	BDL	3.80	15.0	BDL	BDL	BDL	67130	66111	BDL			
12/06/96	662-96003	1	0.28	<10	14	<0.50	7.6	8.0	<0.030	<10	<1.0	31	31000	BDL			
12/09/96	165-96004	1	30.13	BDL	130	0.6	6.4	18.5	BDL	BDL	BDL	1430	4304	BDL			
12/09/96	297-96017	1	17.14	BDL	6.50	BDL	5.80	7.90	BDL	BDL	BDL	3570	783	BDL			
12/10/96	293-96020	5	401.86	76	728.5	2.0	78.8	161	BDL	1.2	2.45	321	212.5	BDL			
12/10/96	342-96028	1	0.70	BDL	5.85	BDL	5.78	0.15	BDL	BDL	BDL	BDL	20102	.379			
12/10/96	342-96029	1	0.12	BDL	342	BDL	6.70	19.0	BDL	1	BDL	27910	95	BDL			
12/10/96	342-96030	1	0.76	BDL	4.7	BDL	7.8	2.1	BDL	BDL	BDL	328	80000	BDL			
12/10/96	365-96010	1	45.35	BDL	3.6	BDL	4.9	BDL	BDL	BDL	BDL	BDL	27	BDL			
12/10/96	475-96006	3	81.00	<0.500	5.33	0.591	8.48	2.89	<0.010	1.94	<0.500	26700	310	BDL			
12/11/96	269-96010	3	319.82	0.67	13.60	0.17	15.73	18.50	BDL	BDL	BDL	10955	5906.33	.002			
12/11/96	293-96020	5	281.09	76	728.5	2.0	78.8	161	BDL	1.2	2.45	321	212.5	BDL			
12/11/96	475-96006	3	242.58	<0.500	5.33	0.591	8.48	2.89	<0.010	1.94	<0.500	26700	310	BDL			
12/11/96	679-96001	1	9.94	05	2.0	0.1	0.8	1.6	0.10	0.5	0.5	BDL	1360	BDL			
12/11/96	681-96001	1	16.00	1	74	BDL	24	5	BDL	BDL	1	BDL	210769	BDL			
12/12/96	114-96123	1	4.22	BDL	15	1.1	7.4	113	BDL	BDL	BDL	15790.	81314	BDL			
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775.900(2)

* SEE ATTACHMENT "A"

VOA = PPB
RPH = PPM
VOH = PPM

Soil Thermal Treatment Facility Untreated Soil Reporting Form

Name of Facility: RINKER MATERIALS CORP.
Air Permit No.: A013-172154
Soil Treatment Permit No.: SW-01117-91
Stationar XXX or Mobile Facility: _____

DER Form # 17-775.900(2)
Soil Thermal Treatment Facility
Form Title Untreated Soil Reporting Form
Effective Date _____
DER Application No _____

1	2	3	4	5										6	7	8	9
Day of Mo.	Soil Batch ID#	Sample Number	Amount Volume or Weight cy/tn	Analytical Results										Totals			Indicate Other Analyses Attach Lab Results Only
				Metals													
				AS	BA	CD	CR	PB	HG	SE	AG	VOA	RPH	VOH			
12/12/96	293-96020	5	446.66	76	728.5	2.0	78.8	161	BDL	1.2	2.45	321	212.5	BDL			
12/12/96	391-96019	1	106.31	BDL	250	BDL	6.9	290	BDL	BDL	BDL	BDL	BDL	BDL			
12/12/96	475-96006	3	86.83	<0.0500	5.33	0.591	8.48	2.89	<0.0010	1.94	<0.0500	26700	310	BDL			
12/13/96	140-96012	1	1.44	0.633	4.15	0.268	4.62	0.0392	0.0186	<0.0020	0.120	BDL	296	BDL			
12/13/96	180-96005	1	14.13	BDL	3.50	BDL	4.30	BDL	BDL	BDL	BDL	BDL	780	BDL			
12/13/96	391-96019	1	15.28	BDL	250	BDL	6.9	290	BDL	BDL	BDL	BDL	BDL	BDL			
12/13/96	466-96001	1	3.04	BDL	38.5	BDL	BDL	10.9	BDL	BFL	BDL	3716	33500	BFL			
12/13/96	644-96002	8	661.39	0.40	8.83	BDL	7.38	BDL	0.19	BDL	BDL	BDL	63.03	BDL			
12/16/96	553-96032	1	52.80	BDL	2.50	BDL	3.20	4.00	BDL	BDL	BDL	BDL	256	BDL			
12/16/96	613-96013	1	47.60	<0.0500	5.17	1.21	2.71	2.28	<0.0010	1.14	0.165	2.34	234	BDL			
12/16/96	678-96002	1	126.25	2.10	4.11	BDL	4.01	BDL	BDL	BDL	BDL	15845	16600	BDL			
12/17/96	572-96013	3	48.36	1.18	10	BDL	9.00	BDL	BDL	BDL	BDL	BDL	BDL	BDL			
12/17/96	644-96002	8	711.95	0.40	8.83	BDL	7.38	BDL	0.19	BDL	BDL	BDL	63.03	BDL			
12/18/96	114-96121	1	59.40	BDL	1.7	BDL	1.4	1.2	BDL	BDL	BDL	097	1700	BDL			
12/18/96	114-96122	1	4.22	2	10	BDL	20	14	2	BDL	6	BDL	300	BDL			
12/18/96	572-96013	3	169.06	1.18	10	BDL	9.00	BDL	BDL	BDL	BDL	BDL	BDL	BDL			
12/19/96	644-96002	8	896.13	0.40	8.83	BDL	7.38	BDL	0.19	BDL	BDL	BDL	63.03	BDL			
12/19/96	680-96001	1	87.04	BDL	7.0	BDL	4.1	BDL	BDL	BDL	BDL	BDL	110	BDL			
12/23/96	466-96002	1	28.02	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	369	BDL			
12/23/96	644-96002	8	1004.22	0.40	8.83	BDL	7.38	BDL	0.19	BDL	BDL	BDL	63.03	BDL			
12/24/96	644-96002	8	235.69	0.40	8.83	BDL	7.38	BDL	0.19	BDL	BDL	BDL	63.03	BDL			
12/26/96	678-96003	1	16.83	10	34.5	BDL	26.4	101	0.103	BDL	BDL	BDL	6820	BDL			
12/27/96	114-96124	1	5.32	0.81	19	0.58	4.1	9.0	BDL	BDL	BDL	117000	90000	BDL			
12/30/96	342-96031	1	1.17	BDL	1.1	BDL	2.1	BDL	BDL	BDL	BDL	459	21.0	BDL			
12/30/96	466-96002	1	24.11	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	369	BDL			

775.900(2)

* SEE ATTACHMENT "A"

Air Permit No: A013-172154

Soil Treatment Permit No: SW-01117-91

Month December Year 1996

[illegible]

RINKER MATERIALS SUBSTITUTION

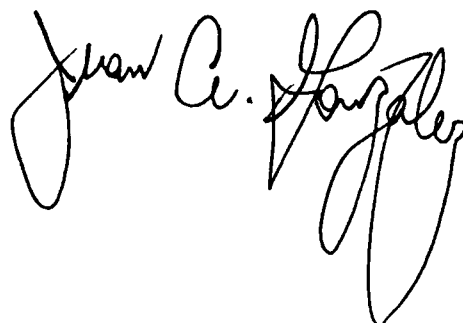
Material Analysis Report

REPORT DATE 1/14/97
SAMPLE DATE 12/5/96
SAMPLE SOURCE CBI/MOBIL
REFERENCE # 114-96120
R.E.S. NUMBER 5596 -5608
SAMPLE TYPE CONT. SLUDGE

PARAMETER	RESULTS CONT.	RESULT CLEAN	RESULT BLEND	UNITS	METHOD	D LIMITS	ANALYSIS DATE	ANALYST INITIAL
LEAD	108	BDL	BDL	mg/kg	7420	100	1/8/97	JSP

***RESAMPLED

BLEND = 1 Contaminated With 2 CLEAN
BDL = Below detection limit



RINKER MATERIALS SUBSTITUTION

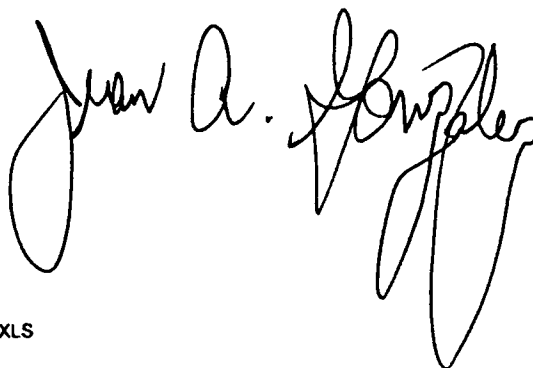
Material Analysis Report

REPORT DATE 1/14/97
SAMPLE DATE 12/6/96
SAMPLE SOURCE COASTAL
REFERENCE # 344-96035
R.E.S. NUMBER 5600 - 5608
SAMPLE TYPE CONT. SLUDGE

PARAMETER	RESULTS CONT.	RESULT CLEAN	RESULT BLEND	UNITS	METHOD	D LIMITS	ANALYSIS DATE	ANALYST INITIAL
ARSENIC	140	BDL	BDL	mg/kg	7061	10	1/7 - 1/8/97	PEP/JSP
LEAD	594	BDL	BDL	mg/kg	7420	100	1/7 - 1/8/97	PEP/JSP
CHROMIUM	98.8	BDL	BDL	mg/kg	7190	50	1/7 - 1/8/97	PEP/JSP

***RESAMPLED

BLEND = 1 Contaminated With 3 CLEAN
BDL = Below detection limit



RINKER MATERIALS SUBSTITUTION

Material Analysis Report

REPORT DATE 1/14/97
SAMPLE DATE 12/13/96
SAMPLE SOURCE DERM
REFERENCE # 114-96123
R.E.S. NUMBER 5601 - 5608
SAMPLE TYPE CONT. SLUDGE

PARAMETER	RESULTS CONT.	RESULT CLEAN	RESULT BLEND	UNITS	METHOD	D LIMITS	ANALYSIS DATE	ANALYST INITIAL
LEAD	111	BDL	BDL	mg/kg	7420	100	1/8/97	JSP

****RESAMPLED

BLEND = 1 Contaminated With 1 CLEAN
BDL = Below detection limit

RINKER MATERIALS SUBSTITUTION

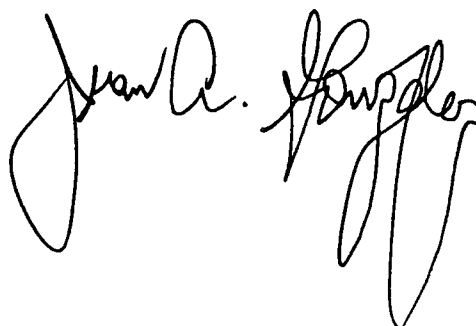
Material Analysis Report

REPORT DATE 1/14/97
SAMPLE DATE 12/13/96
SAMPLE SOURCE AMOCO
REFERENCE # 391-96019
R.E.S. NUMBER 5602 - 5608
SAMPLE TYPE CONT. SLUDGE

PARAMETER	RESULTS CONT.	RESULT CLEAN	RESULT BLEND	UNITS	METHOD	D LIMITS	ANALYSIS DATE	ANALYST INITIAL
LEAD	BDL	BDL	BDL	mg/kg	7420	100	1/8/97	JSP

***RESAMPLED

BLEND = 1 Contaminated With 3 CLEAN
BDL = Below detection limit



RINKER MATERIALS SUBSTITUTION

Material Analysis Report

REPORT DATE 1/14/97
SAMPLE DATE 12/18 - 12/19/96
SAMPLE SOURCE FPL PT. EVERGLADES
REFERENCE # N/A
R.E.S. NUMBER 5605 - 5608
SAMPLE TYPE CONT. SLUDGE

PARAMETER	RESULTS CONT.	RESULT CLEAN	RESULT BLEND	UNITS	METHOD	D LIMITS	ANALYSIS DATE	ANALYST INITIAL
ARSENIC	BDL	BDL	BDL	mg/kg	7061	10	1/7 - 1/8/97	PEP/JSP
LEAD	BDL	BDL	BDL	mg/kg	7420	100	1/7 - 1/8/97	PEP/JSP
CHROMIUM	BDL	BDL	BDL	mg/kg	7190	50	1/7 - 1/8/97	PEP/JSP

****RESAMPLED

BLEND = 1 Contaminated With 2 CLEAN
BDL = Below detection limit

Untreated Soil Reporting Form

Facility Rinker Materials Corporation
 Air Permit No.: A013-172154
 Soil Treatment Permit No.: SW-01117-91
 Stationary XXX

Month December Year 1996

ATTACHMENT "B"

Date	Batch No.	Source	Soil Content	Tons	PCB Oil Concentration	Lb. PCB per Batch	YTD Lbs. PCB
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Continuation from November 1996

1.5545 lbs.

NO PCB ACTIVITY FOR MONTH OF DECEMBER 1996

Florida Department of Environmental Regulation
Twin Towers Office Bldg. 2600 Blair Stone Road Tallahassee, Florida 32399-2400

Month: NOVEMBER

Year: 1996

Soil Thermal Treatment Facility Untreated Soil Reporting Form

Name of Facility: RINKER MATERIALS CORP.
Air Permit No.: A013-172154
Soil Treatment Permit No.: SW-0117-91
Stationar XXX or Mobile Facility: _____

DER Form # 17-775.900(2)
Form Title Soil Thermal Treatment Facility
Effective Date Untreated Soil Reporting Form
DER Application No _____

				5										6		7	8	9	
1	2	3	4	Analytical Results														Indicate Other Analyses	
Day of Mo.	Soil Batch ID#	Sample Number	Amount or Volume Weight cy/tn	Metals										Totals		Attach Lab Results Only			
				AS	BA	CD	CR	PB	HG	SE	AG	VOA	RPH	VOH					
11/12/96	269-96009	1	0.50	<23	5.71	<2.28	4.57	34.26	<11	<23	<4.57	BDL	2360	BDL					
11/12/96	344-96033	1	5.50	.25	1.5	BDL	45.0	326	0.10	BDL	BDL	43000	151500	BDL					
11/12/96	426-96005	1	20.68	BDL	750	BDL	13	30	BDL	BDL	BDL	200	11000	BDL					
11/12/96	553-96030	1	0.85	.386	3.05	.341	6.36	2.42	.0470	.0519	<.0500	4.20	1470	BDL					
11/12/96	572-96010	3	32.48	BDL	BDL	BDL	1.05	43.41	BDL	BDL	BDL	BDL	11249	BDL					
11/12/96	572-96011	3	197.54	BDL	4.17	BDL	3.53	22.67	BDL	BDL	BDL	7180.	2733	BDL					
11/12/96	594-96001	1	1.00	BDL	9.40	BDL	11.0	10.5	.475	BDL	BDL	1178	8318	BDL					
11/12/96	612-96003	1	0.55	BDL	11.0	BDL	5.0	57.0	BDL	BDL	BDL	BDL	722	BDL					
11/13/96	203-96047	3	143.30	0.28	1.78	0.70	0.95	8.33	BDL	0.56	BDL	3.6	<5	BDL					
11/13/96	269-96008	1	28.49	<23	46.53	<2.33	18.61	89.56	<12	<23	<4.65	BDL	2980.	BDL					
11/13/96	387-96021	1	17.80	BDL	BDL	BDL	BDL	29.2	BDL	BDL	BDL	9200	1110	.295					
11/13/96	426-96005	1	34.95	BDL	750	BDL	13	30	BDL	BDL	BDL	200	11000	BDL					
11/13/96	429-96011	1	13.26	BDL	9.8	0.52	11	1.3	BDL	BDL	BDL	BDL	230	BDL					
11/13/96	572-96010	3	311.69	BDL	BDL	BDL	1.05	43.41	BDL	BDL	BDL	BDL	11249	BDL					
11/14/96	426-96005	1	13.46	BDL	750	BDL	13	30	BDL	BDL	BDL	200	11000	BDL					
11/14/96	572-96010	3	163.86	BDL	BDL	BDL	1.05	43.41	BDL	BDL	BDL	169.29	11249	BDL					
11/15/96	114-96113	1	3.02	BDL	12.6	BDL	6.60	34	0.100	BDL	BDL	BDL	65	BDL					
11/15/96	297-96016	1	56.61	BDL	12.3	BDL	5.40	20.0	0.07	BDL	BDL	BDL	28	BDL					
11/15/96	363-96009	1	50.59	BDL	7.00	BDL	3.30	15.0	BDL	BDL	BDL	BDL	11249	BDL					
11/15/96	572-96010	3	217.48	BDL	BDL	BDL	1.05	43.41	BDL	BDL	BDL	3.6	<5	BDL					
11/18/96	203-96047	3	46.97	0.28	1.78	0.70	0.95	8.33	BDL	0.56	BDL	BDL	BDL	BDL					
11/19/96	103-96013	3	616.08	BDL	6.166	BDL	1.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
11/19/96	371-96006	1	10.03	BDL	1.88	BDL	BDL	3.13	BDL	BDL	BDL	150	11.9	BDL					
11/19/96	485-96002	1	13.02	3.0	18	0.71	15	61	BDL	BDL	BDL	BDL	28700	BDL					
11/20/96	103-96013	3	183.97	BDL	6.166	BDL	1.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
11/20/96	553-96031	1	201.69	0.90	5.30	BDL	6.60	BDL	BDL	BDL	BDL	BDL	5.52	BDL					
11/20/96	554-96006	3	69.36	BDL	5.69	BDL	2.68	34	BDL	BDL	BDL	BDL	109.5	BDL					

775.900(2)

* SEE ATTACHMENT "A"

Soil Thermal Treatment Facility Untreated Soil Reporting Form

Name of Facility: RINKER MATERIALS CORP.
Air Permit No.: A013-172154
Soil Treatment Permit No.: SW-0117-91
Stationar: XXX or Mobile Facility:

DER Form #	17-775.900(2)
Form Title	Soil Thermal Treatment Facility
Effective Date	Untreated Soil Reporting Form
DER Application No	

1	2	3	4	5										6	7	8	9
Day of Mo.	Soil Batch ID#	Sample Number	Amount Volume or Weight cy/in	Analytical Results										Totals		Indicate Other Analyses Attach Lab Results Only	
				AS	BA	CD	CR	PB	HG	SE	AG	VOA	RPH	VOH			
11/01/96	203-96048	1	0.25	BDL	31.0	BDL	3.00	12.0	BDL	BDL	3.30	17511.	1675	BDL			
11/01/96	203-96049	1	0.25	0.0476	4.20	0.736	3.63	26	.00100	0.0677	<.0500	BDL	84.9	BDL			
11/01/96	370-96004	1	2.50	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	14.09	4.96	BDL			
11/01/96	553-96029	1	0.25	0.192	6.60	0.221	4.94	0.0651	0.0207	<.0020	<.0500	461	167	243			
* 11/01/96	675-96001	1	1.25	58.8	8.76	2.60	8.00	7.60	BDL	BDL	BDL	BDL	201	BDL			
11/04/96	114-96110	1	12.64	2.3	27	BDL	16	2.3	1.0	BDL	BDL	BDL	1900	BDL			
* 11/04/96	114-96111	1	0.26	13.0	9.68	BDL	5.16	62.0	BDL	4.5	BDL	BDL	1218	BDL			
11/04/96	217-96004	1	69.45	3.0	9.3	BDL	4.6	16	BDL	BDL	BDL	BDL	2800	0.67			
11/04/96	437-96008	3	117.02	BDL	10.0	BDL	6.60	27.0	BDL	BDL	BDL	BDL	1304	BDL			
11/05/96	114-96109	1	17.23	.8	32	2.6	32	10	1	BDL	BDL	71400	1000	BDL			
11/05/96	114-96110	1	10.94	2.3	27	BDL	16	2.3	1.0	BDL	BDL	BDL	1900	BDL			
* 11/05/96	114-96110	1	19.11	26.1	196.	1.8	20.6	9.2	BDL	BDL	1.6	BDL	144	.0080			
11/06/96	105-96006	1	0.49	0.8	40	BDL	50	9.2	BDL	BDL	BDL	BDL	BDL	BDL			
11/06/96	114-96112	1	16.20	BDL	BDL	BDL	BDL	29.2	BDL	BDL	BDL	9200	1110	295			
11/06/96	387-96021	1	16.20	BDL	BDL	BDL	BDL	29.2	BDL	BDL	BDL	9200	1110	295			
11/06/96	452-96003	3	28.42	BDL	7.1	BDL	4.43	1.2	BDL	BDL	BDL	BDL	150	BDL			
* 11/06/96	674-96001	1	33.01	0.42	22.8	0.71	4.35	17.2	BDL	BDL	BDL	34796	2168	BDL			
11/06/96	674-96001	1	33.01	0.42	22.8	0.71	4.35	17.2	BDL	BDL	BDL	34796	2168	BDL			
11/06/96	674-96001	1	33.01	0.42	22.8	0.71	4.35	17.2	BDL	BDL	BDL	34796	2168	BDL			
11/06/96	674-96001	1	33.01	0.42	22.8	0.71	4.35	17.2	BDL	BDL	BDL	34796	2168	BDL			
11/06/96	674-96001	1	33.01	0.42	22.8	0.71	4.35	17.2	BDL	BDL	BDL	34796	2168	BDL			
11/06/96	674-96001	1	33.01	0.42	22.8	0.71	4.35	17.2	BDL	BDL	BDL	34796	2168	BDL			
11/06/96	674-96001	1	33.01	0.42	22.8	0.71	4.35	17.2	BDL	BDL	BDL	34796	2168	BDL			
11/06/96	674-96001	1	33.01	0.42	22.8	0.71	4.35	17.2	BDL	BDL	BDL	34796	2168	BDL			
11/06/96	674-96001	1	33.01	0.42	22.8	0.71	4.35	17.2	BDL	BDL	BDL	34796	2168	BDL			
11/06/96	674-96001	1	33.01	0.42	22.8	0.71	4.35	17.2	BDL	BDL	BDL	34796	2168	BDL			
11/06/96	674-96001	1	33.01	0.42	22.8	0.71	4.35	17.2	BDL	BDL	BDL	34796	2168	BDL			
11/06/96	674-96001	1	33.01	0.42	22.8	0.71	4.35	17.2	BDL	BDL	BDL	34796	2168	BDL			
11/06/96	674-96001	1	33.01	0.42	22.8	0.71	4.35	17.2	BDL	BDL	BDL	34796	2168	BDL			
11/06/96	674-96001	1	33.01	0.42	22.8	0.71	4.35	17.2	BDL	BDL	BDL	34796	2168	BDL			
11/06/96	674-96001	1	33.01	0.42	22.8	0.71	4.35	17.2	BDL	BDL	BDL	34796	2168	BDL			
11/06/96	674-96001	1	33.01	0.42	22.8	0.71	4.35	17.2	BDL	BDL	BDL	34796	2168	BDL			
11/06/96	674-96001	1	33.01	0.42	22.8	0.71	4.35	17.2	BDL	BDL	BDL	34796	2168	BDL			
11/06/96	674-96001	1	33.01	0.42	22.8	0.71	4.35	17.2	BDL	BDL	BDL	34796	2168	BDL			
11/06/96	674-96001	1	33.01	0.42	22.8	0.71	4.35	17.2	BDL	BDL	BDL	34796	2168	BDL			
11/06/96	674-96001	1	33.01	0.42	22.8	0.71	4.35	17.2	BDL	BDL	BDL	34796	2168	BDL			
11/06/96	674-96001	1	33.01	0.42	22.8	0.71	4.35	17.2	BDL	BDL	BDL	34796	2168	BDL			
11/06/96	674-96001	1	33.01	0.42	22.8	0.71	4.35	17.2	BDL	BDL	BDL	34796	2168	BDL			
11/06/96	674-96001	1	33.01	0.42	22.8	0.71	4.35	17.2	BDL	BDL	BDL	34796	2168	BDL			
11/06/96	674-96001	1	33.01	0.42	22.8	0.71	4.35	17.2	BDL	BDL	BDL	34796	2168	BDL			
11/06/96	674-96001	1	33.01	0.42	22.8	0.71	4.35	17.2	BDL	BDL	BDL	34796	2168	BDL			
11/06/96	674-96001	1	33.01	0.42	22.8	0.71	4.35	17.2	BDL	BDL	BDL	34796	2168	BDL			
11/06/96	674-96001	1	33.01	0.42	22.8	0.71	4.35	17.2	BDL	BDL	BDL	34796	2168	BDL			
11/06/96	674-96001	1	33.01	0.42	22.8	0.71	4.35	17.2	BDL	BDL	BDL	34796	2168	BDL			
11/06/96	674-96001	1	33.01	0.42	22.8	0.71	4.35	17.2	BDL	BDL	BDL	34796	2168	BDL			
11/06/96	674-96001	1	33.01	0.42	22.8	0.71	4.35	17.2	BDL	BDL	BDL	34796	2168	BDL			
11/06/96	674-96001	1	33.01	0.42	22.8	0.71	4.35	17.2	BDL	BDL	BDL	34796	2168	BDL			
11/06/96	674-96001	1	33.01	0.42	22.8	0.71	4.35	17.2	BDL	BDL	BDL	34796	2168	BDL			
11/06/96	674-96001	1	33.01	0.42	22.8	0.71	4.35	17.2	BDL	BDL	BDL	34796	2168	BDL			
11/06/96	674-96001	1	33.01	0.42	22.8	0.71	4.35	17.2	BDL	BDL	BDL	34796	2168	BDL			
11/06/96	674-96001	1	33.01	0.42	22.8	0.71	4.35	17.2	BDL	BDL	BDL	34796	2168	BDL			
11/06/96	674-96001	1	33.01	0.42	22.8	0.71	4.35	17.2	BDL	BDL	BDL	34796	2168	BDL			
11/06/96	674-96001	1	33.01	0.42	22.8	0.71	4.35	17.2	BDL	BDL	BDL	34796	2168	BDL			
11/06/96	674-96001	1	33.01	0.42	22.8	0.71	4.35	17.2	BDL	BDL	BDL	34796	2168	BDL			
11/06/96	674-96001	1	33.01	0.42	22.8												

775.900(2)

SEE ATTACHMENT "A"

VOA = PPB
RPH = PPM
VOH = PPM

Soil Thermal Treatment Facility
Untreated Soil Reporting Form

Name of Facility: RINKER MATERIALS CORP.
Air Permit No.: A013-172154
Soil Treatment Permit No.: SW-01117-91
Stationar XXX or Mobile Facility:

DER Form # 17-775.900(2)
Soil Thermal Treatment Facility
Form Title Untreated Soil Reporting Form
Effective Date
DER Application No

1	2	3	4	5											6	7	8	9	
Day of Mo.	Soil Batch ID#	Sample Number	Amount Volume or Weight	Analytical Results											Totals				Indicate Other Analyses Attach Lab Results Only
			cy/m	AS	BA	CD	CR	PB	HG	SE	AG	VOA	RPH	VOH					
11/21/96	554-96006	3	124.29	BDL	5.69	BDL	2.68	34	BDL	BDL	BDL	BDL	109.5	BDL					
11/21/96	678-96001	1	66.24	BDL	19.2	BDL	6.83	362	BDL	BDL	3.72	BDL	16700	BDL					
11/22/96	554-96006	3	95.34	BDL	5.69	BDL	2.68	34	BDL	BDL	BDL	BDL	109.5	BDL					
11/22/96	678-96001	1	20.38	BDL	19.2	BDL	6.83	362	BDL	BDL	3.72	BDL	16700	BDL					
11/25/96	554-96006	3	23.63	BDL	5.69	BDL	2.68	34	BDL	BDL	BDL	BDL	109.5	BDL					
11/26/96	114-96115	1	0.34	6.1	50	1.8	11	390	BDL	BDL	BDL	350	940	BDL					
11/26/96	114-96116	1	0.34	4.7	180	BDL	63	4000	0.28	BDL	BDL	BDL	1000	0.87					
11/26/96	114-96117	1	0.34	1.6	7.5	3.0	36	98	0.17	BDL	BDL	BDL	790	BDL					
11/26/96	114-96118	1	0.34	7.1	13	BDL	11	24	BDL	BDL	1.5	1400	4400	BDL					
11/26/96	311-96002	1	1.34	.819	<20	<2.0	4.7	<15	<0.25	<50	<2.0	BDL	48	BDL					
11/26/96	344-96034	1	0.75	2.6	18.8	17.4	17.5	126.2	BDL	BDL	BDL	BDL	14470	BDL					
11/26/96	613-96012	1	0.43	<0.500	2.69	.106	5.89	.0302	<.0010	.302	<.0500	BDL	171	BDL					
11/27/96	423-96020	1	22.08	BDL	BDL	BDL	13.7	1.6	BDL	BDL	BDL	BDL	64.3	BDL					
11/27/96	514-96034	6	175.41	BDL	4.38	BDL	4.70	1.12	BDL	BDL	BDL	BDL	908	BDL					

775.900(2)

* SEE ATTACHMENT "A"

Soil Thermal Treatment Facility Untreated Soil Reporting Form

November Year 1996

— 1 —

1	2	3	4	5										6	7	8
Day of	Soil Batch	Sample Number	Amount Volume	Analytical Results												
Mo.	ID#	or weight	cy/lb	METALS										Totals		Source
				AS	BA	CD	CR	PB	HG	SE	AG	VOA	RPH			
11/01/96	675-96001															
Untreated	analysis			58.8	8.76	2.60	8.0	7.6	BDL	BDL	BDL	---	---	Blended 6 -1		
Blending	Soil			BDL	---	---	---	---	---	---	---	---	---			
Blended	Soil			.3	---	---	---	---	---	---	---	---	---			
11/4/96	114-96111															
Untreated	Analysis			13	9.68	BDL	5.16	62	BDL	4.5	BDL	---	---	Blended 1 - 1		
Blending	Soil			BDL	---	---	---	---	---	---	---	---	---			
Blended	Soil			.3	---	---	---	---	---	---	---	---	---			
5/96	105-96006															
Untreated	Analysis			26.1	196	1.8	20.6	9.2	BDL	BDL	1.6	---	---	Blended 3 - 1		
Blending	Soil			BDL	---	---	---	---	---	---	---	---	---			
Blended	Soil			.3	---	---	---	---	---	---	---	---	---			
11/12/96	344-96033															
Untreated	Analysis			25	1.5	BDL	45.0	326	0.10	BDL	BDL	---	---	Blended 4 -1		
Blending	Soil			BDL	---	---	---	BDL	---	---	---	---	---			
Blended	Soil			.3	---	---	---	34	---	---	---	---	---			
11/21/22	678-96001															
Untreated	Analysis			BDL	19.2	BDL	6.83	362	BDL	BDL	3.72	---	---	Blended 3 - 1		
Blending	Soil			---	---	---	---	BDL	---	---	---	---	---			
Blended	Soil			---	---	---	---	34	---	---	---	---	---			

Department of Environmental Regulation
Soil Thermal Treatment Facility
Untreated Soil Reporting Form

ATTACHMENT "A"

Month November Year 1996

Month November Year 1996

[illegible][illegible]

RINKER MATERIALS SUBSTITUTION

Material Analysis Report

REPORT DATE 12/13/96
SAMPLE DATE 11/1/96
SAMPLE SOURCE BAYSHORE
REFERENCE # 675-96001
R.E.S. NUMBER 5181 - 5345
SAMPLE TYPE SOIL

PARAMETER	RESULTS CONT.	RESULT CLEAN	RESULT BLEND	UNITS	METHOD	D LIMITS	ANALYSIS DATE	ANALYST INITIAL
ARSENIC	7.6	BDL	0.3	mg/kg	7061	10	12/3/96	PEP
							12/12, 12/11/96	JSP/PEP
							12/9/96	JSP/PEP

***RESAMPLED

BLEND = 1 Contaminated With 6 CLEAN
BDL = Below detection limit

Adriane King

RINKER MATERIALS SUBSTITUTION

Material Analysis Report

REPORT DATE 12/13/96
SAMPLE DATE 11/4/96
SAMPLE SOURCE LOUIS DREYFUS
REFERENCE # 114-96111
R.E.S. NUMBER 5177 - 5345
SAMPLE TYPE SOIL

PARAMETER	RESULTS CONT.	RESULT CLEAN	RESULT BLEND	UNITS	METHOD	D LIMITS	ANALYSIS DATE	ANALYST INITIAL
ARSENIC	22.2	BDL	0.3	mg/kg	7061	10	12/9/96	PEP
							12/12/96	JSP

****RESAMPLED

BLEND = 1 Contaminated With 1 CLEAN

BDL = Below detection limit

Adrian C. Puy

RINKER MATERIALS SUBSTITUTION

Material Analysis Report

REPORT DATE 12/13/96
SAMPLE DATE 11/6/96
SAMPLE SOURCE STAR
REFERENCE # 105-96006
R.E.S. NUMBER 5178 - 5345
SAMPLE TYPE SOIL

PARAMETER	RESULTS CONT.	RESULT CLEAN	RESULT BLEND	UNITS	METHOD	D LIMITS	ANALYSIS DATE	ANALYST INITIAL
ARSENIC	22	BDL	0.3	mg/kg	7061	10	12/9/96	PEP
							12/12/96	JSP

****RESAMPLED

BLEND = 1 Contaminated With 3 CLEAN

BDL = Below detection limit

John A. Key

RINKER MATERIALS SUBSTITUTION

Material Analysis Report

REPORT DATE 12/13/96
SAMPLE DATE 11/12/96
SAMPLE SOURCE COASTAL DODGE
REFERENCE # 344-96033
R.E.S. NUMBER 5182 - 5345
SAMPLE TYPE SOIL

PARAMETER	RESULTS CONT.	RESULT CLEAN	RESULT BLEND	UNITS	METHOD	D LIMITS	ANALYSIS DATE	ANALYST INITIAL
ARSENIC	<0.1	BDL	0.3	mg/kg	7061	10	12/12/96	PEP/JSP
LEAD	4.0	BDL	34	mg/kg	7420	100	12/12/96	PEP/JSP

****RESAMPLED

BLEND = 1 Contaminated With 4 CLEAN
BDL = Below detection limit

John A. King

RINKER MATERIALS SUBSTITUTION

Material Analysis Report

REPORT DATE 12/13/96
SAMPLE DATE 11/21/96
SAMPLE SOURCE CG TRUMBLE PT
REFERENCE # 678-96001
R.E.S. NUMBER 5353 - 5345
SAMPLE TYPE SOIL

PARAMETER	RESULTS CONT.	RESULT CLEAN	RESULT BLEND	UNITS	METHOD	D LIMITS	ANALYSIS DATE	ANALYST INITIAL
LEAD	348	BDL	34	mg/kg	7420	100	12/12/96	JSP

****RESAMPLED

BLEND = 1 Contaminated With 3 CLEAN
BDL = Below detection limit

Johnna King

RINKER MATERIALS SUBSTITUTION

Material Analysis Report

REPORT DATE 12/13/96
SAMPLE DATE 11/26/96
SAMPLE SOURCE VOC #96-06
REFERENCE # 114-96115
R.E.S. NUMBER 5346 - 5345
SAMPLE TYPE SOIL

PARAMETER	RESULTS CONT.	RESULT CLEAN	RESULT BLEND	UNITS	METHOD	D LIMITS	ANALYSIS DATE	ANALYST INITIAL
LEAD	365	BDL	33.5	mg/kg	7420	100	12/12/96	JSP

****RESAMPLED

BLEND = 1 Contaminated With 4 CLEAN
BDL = Below detection limit

Adrianne Fung

RINKER MATERIALS SUBSTITUTION

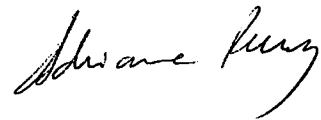
Material Analysis Report

REPORT DATE 12/13/96
SAMPLE DATE 11/26/96
SAMPLE SOURCE VOC #96-07
REFERENCE # 114-96116
R.E.S. NUMBER 5347 - 5345
SAMPLE TYPE SOIL

PARAMETER	RESULTS CONT.	RESULT CLEAN	RESULT BLEND	UNITS	METHOD	D LIMITS	ANALYSIS DATE	ANALYST INITIAL
LEAD	481	BDL	33.5	mg/kg	7420	100	12/12/96	JSP
CHROMIUM	102	BDL	31.9	mg/kg	7190	50	12/12, 12/11/96	PEP/JSP

***RESAMPLED

BLEND = 1 Contaminated With 40 CLEAN
BDL = Below detection limit



RINKER MATERIALS SUBSTITUTION

Material Analysis Report

REPORT DATE 12/13/96
SAMPLE DATE 11/26/96
SAMPLE SOURCE COASTAL #18, 19, 20
REFERENCE # 344-96034
R.E.S. NUMBER 5352 - 5345
SAMPLE TYPE SOIL

PARAMETER	RESULTS CONT.	RESULT CLEAN	RESULT BLEND	UNITS	METHOD	D LIMITS	ANALYSIS DATE	ANALYST INITIAL
LEAD	6	BDL	33.5	mg/kg	7420	100	12/12/96	JSP

***RESAMPLED

BLEND = 1 Contaminated With 2 CLEAN
BDL = Below detection limit

Adrianne King

Untreated Soil Reporting Form

Facility Rinker Materials Corporation
Air Permit No.: A013-172154
Soil Treatment Permit No.: SW-01117-91
Stationary XXX

Month November Year 1996

ATTACHMENT "B"

Date	Batch No.	Source	Soil Content	Tons	PCB Oil Concentration	Lb. PCB per Batch	YTD Lbs. PCB
Continuation from October 1996							1.5545 lbs.

NO PCB ACTIVITY FOR MONTH OF NOVEMBER 1996

March 4, 1997



Department of Environmental Protection
Southeast District
P.O. Box 15425
West Palm Beach, Florida 33416

Attn: Mr. Lee Martin

Dear Lee:

In regard to the comments contained in your report dated 12/19/96, I would like to offer the following:

Rinker received a drum of material from Tursair, Perimeter Road, Miami Fla that was preapproved solids for a grease trap located on their property. The material was approved for receipt by Rinker based upon analysis submitted on 12/9/96 and in accordance with our pre acceptance criteria (Analysis Log L13317-1 attached).

Based upon the information from Tursair the grease trap material was placed in the wrong drum which had a Hazardous Waste Label already on it. This drum was originally designated for other materials generated by Tursair. This was an oversight by Tursair and a problem with communication with the outside contractor in which drums to use.

The drum was transported into Rinker by Cliff Berry, Inc. on or about December 9 and off-loaded into Rinkers drum area.

The receiving policy at Rinker broke down in that each drum is to be checked for appropriate label and approved prior to off-loading. After discovery of the drum by DEP, a sample was taken and analized for soil acceptance criteria. (see attached #5432)

Both Tursair and CBI have stated that the material received by Rinker was non-hazardous grease trap solids and not hazardous waste as label indicated.

Based upon this event, Rinker has reinstructed all receiving people on the policy of inspecting every drum being recieved by Rinker for proper labels, drum count and preapprovals to assure no hazardous waste or non approved material are received.

Please let us know if you require further information or action by Rinker.

Sincerely,

Dave Marple

A handwritten signature in black ink, appearing to read "Dave Marple", written over the printed name.



Our Quality Control Is Your Quality Assurance

1-DM

Client #: FTL-90-120103
Address: Cliff Berry Incorporated
P.O. Box 13079
Port Everglades Station, FL 33319
Attn: Jim Coiner

Page: Page 1 of 3
Date: 12/06/96
Log #: L13317-1

Sample Description:

Turpin

Label: Grease Trap
Date Sampled: 12/03/96
Time Sampled: 00:00
Date Received: 12/03/96
Collected By: Client

Parameter	Results	Units	Method	Reportable				Analyst
				Detect Limit	Extr. Date	Analysis Date		
Reportable Hydrocarbons								
Bromodichloromethane	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS	
Bromoform	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS	
Bromomethane	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS	
Carbon Tetrachloride	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS	
Chloroethane	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS	
2-Chloroethylvinyl Ether	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS	
Chloroform	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS	
Chloromethane	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS	
Dibromochloromethane	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS	
1,2-Dichlorobenzene	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS	
1,3-Dichlorobenzene	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS	
1,4-Dichlorobenzene	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS	
Dichlorodifluoromethane	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS	
Chlorobenzene	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS	
Vinyl Chloride	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS	
1,1-Dichloroethane	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS	
1,2-Dichloroethane	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS	
1,1-Dichloroethene	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS	
Cis-1,2-Dichloroethene	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS	
Trans-1,2-Dichloroethene	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS	
1,2-Dichloropropane	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS	
Cis-1,3-Dichloropropene	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS	
Trans-1,3-Dichloropropene	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS	

Client #: FTI-90-120103
Address: Cliff Berry Incorporated
P.O. Box 13079
Port Everglades Station, FL 33319
Attn: Jim Coiner

Page: Page 2 of 3
Date: 12/06/96
Log #: L13317-1

Sample Description:

Label: Grease Trap
Date Sampled: 12/03/96
Time Sampled: 00:00
Date Received: 12/03/96
Collected By: Client

Parameter	Results	Units	Method	Reportable				Analyst
				Detect Limit	Extr. Date	Analysis Date		
Reportable (continued)								
Methylene Chloride	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS	
1,1,2,2-Tetrachloroethane	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS	
Tetrachloroethene	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS	
1,1,1-Trichloroethane	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS	
1,1,2-Trichloroethane	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS	
Trichloroethene	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS	
Trichlorofluoromethane	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS	
Benzene	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS	
Toluene	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS	
MTBE	BDL	mg/kg	5030/8260	0.050	12/05	12/05	KS	
Ethylbenzene	0.48	mg/kg	5030/8260	0.050	12/05	12/05	KS	
Total Xylenes	0.79	mg/kg	5030/8260	0.050	12/05	12/05	KS	
Total BTEX	1.3	mg/kg	5030/8260	0.050	12/05	12/05	KS	
Dilution Factor	1.0		5030/8260		12/05	12/05	KS	
Surrogate Recoveries:								
4-Bromofluorobenzene	118	%	5030/8260	65-131	12/05	12/05	KS	
Dibromofluoromethane	104	%	5030/8260	58-146	12/05	12/05	KS	
Toluene-D8	113	%	5030/8260	78-118	12/05	12/05	KS	
1,4-Difluorobenzene	n/a	%	5030/8260	68-139	12/05	12/05	KS	
Bromochloromethane	n/a	%	5030/8260	58-144	12/05	12/05	KS	
Reportable								
Total Organic Halogens	BDL	mg/kg	9023	40	12/06	12/06	INO	
Total Petroleum Hydrocarbon	300	mg/kg	3550/1664	50	12/05	12/05	INO	
Reportable								
Arsenic	1.6	mg/kg	3050/6010A	1.0	12/04	12/04	GP	
Barium	140	mg/kg	3050/6010A	1.0	12/04	12/04	GP	
Cadmium	BDL	mg/kg	3050/6010A	5.0	12/04	12/04	GP	
Chromium	8.5	mg/kg	3050/6010A	1.0	12/04	12/04	GP	
Lead	19	mg/kg	3050/6010A	1.0	12/04	12/04	GP	
Mercury	BDL	mg/kg	7471	0.10	12/04	12/05	GP	
Selenium	BDL	mg/kg	3050/6010A	10	12/04	12/04	GP	
Silver	1.6	mg/kg	3050/6010A	1.0	12/04	12/04	GP	

Page: Page 3 of 3
Date: 12/06/96
Log #: L13317-1

Label: Grease Trap
Date Sampled: 12/03/96
Time Sampled: 00:00
Date Received: 12/03/96
Collected By: Client

Parameter	Results	Units	Method	Reportable			
				Detect Limit	Extr. Date	Analysis Date	Analyst

* Compounds are Screened Only, with an estimated detection limit.
All analyses were performed using EPA, ASTM, USGS, or Standard Methods.
All analyses were performed within EPA holding times unless otherwise noted.
Analyses are reported in dry weight unless otherwise indicated by units.

HR56 E86240.06356
ADEM ID# 10650
NC CERT# 444
CT CERT# PH-0122
CA CERT# 1-1068
AZ CERT# A20529
USACE CERT

Marino Fernandez
Laboratory Director

L13317-1



Rinker Materials Corporation
1200 N.W. 137th Avenue
Miami, FL 33182

P.O. Box 650679
Miami, FL 33265-0679

Facsimile (305) 220-9875
Telephone (305) 225-1427
800-226-7647

Date: 12/9/86

S O I L S A P P R O V A L

Dear Jim,

Please be advised that your recent submission for Thermal Treatment of petroleum contaminated soils has been approved for receipt by Rinker Materials Substitution, Inc..

This approval applies to the following project:

Site: TURSAIT
PERIMETER RD,
MIAMI AIRPORT
MIAMI FL

Volume: 1 Drum case Trap

To facilitate the accurate and efficient handling of this project, ALL manifests and related shipping papers MUST state the "Site" information as provided above.

All approved material must be scheduled for delivery to Rinker. Failure to schedule loads will result in rejection.

To prevent off-loading delays and/or refusal of materials, a copy of THIS approval letter MUST accompany EACH shipment directed to our facility.

Thank you for allowing Rinker Materials Substitution, Inc. to be of assistance to you. If you have any questions, please let us know.

Sincerely,


RINKER MATERIALS SUBSTITUTION, INC.

RINKER MATERIALS SUBSTITUTION

Materials Analysis Report

REPORT DATE 12/26/96
SAMPLE DATE 12/3/96
SAMPLE SOURCE Resource Recovery
REFERENCE Tursair
R.E.S. NUMBER 5432
SAMPLE TYPE SOIL

PARAMETER	RESULT	UNITS	METHOD	D. LIMITS	ANALYSIS DATE	ANAL. INITIAL
Arsenic	BDL	mg/kg	7060	1	12/17/96	PEP
Barium	134	mg/kg	7080	10.00	12/16/96	PEP
Cadmium	1.3	mg/kg	7130	0.1	12/13/96	JSP
Chromium	13.3	mg/kg	7190	0.1	12/13/96	JSP
Mercury	BDL	mg/kg	7470A	1	12/18/96	JSP
Lead	85	mg/kg	7420	0.1	12/18/96	JSP
Selenium	1.90	mg/kg	7740	0.5	12/17/96	PEP
Silver	1.5	mg/kg	7760	1	12/17/96	JSP
Chloromethane	BDL	ug/kg	8010/8020	50	12/24/96	AP
Bromomethane	BDL	ug/kg	8010/8020	50	12/24/96	AP
Vinyl Chloride	BDL	ug/kg	8010/8020	50	12/24/96	AP
Dichlorodifluoromethane	BDL	ug/kg	8010/8020	50	12/24/96	AP
Chloroethane	BDL	ug/kg	8010/8020	50	12/24/96	AP
Methylene Chloride	BDL	ug/kg	8010/8020	50	12/24/96	AP
Trichlorofluoromethane	BDL	ug/kg	8010/8020	50	12/24/96	AP
1,1-Dichloroethene	BDL	ug/kg	8010/8020	50	12/24/96	AP
1,1-Dichloroethane	BDL	ug/kg	8010/8020	50	12/24/96	AP
trans-1,2-Dichloroethene	BDL	ug/kg	8010/8020	50	12/24/96	AP
Chloroform	BDL	ug/kg	8010/8020	50.0	12/24/96	AP
1,2-Dichloroethane	BDL	ug/kg	8010/8020	50	12/24/96	AP
1,1,1-Trichloroethane	BDL	ug/kg	8010/8020	50.0	12/24/96	AP
Carbon Tetrachloride	BDL	ug/kg	8010/8020	50	12/24/96	AP
Bromodichloromethane	BDL	ug/kg	8010/8020	50	12/24/96	AP
1,2-Dichloropropane	BDL	ug/kg	8010/8020	50	12/24/96	AP
cis-1,3-Dichloropropene	BDL	ug/kg	8010/8020	50	12/24/96	AP
Trichloroethene	BDL	ug/kg	8010/8020	50	12/24/96	AP
1,1,2-Trichloroethane	BDL	ug/kg	8010/8020	50	12/24/96	AP
1,1,2,2-Tetrachloroethane	BDL	ug/kg	8010/8020	50	12/24/96	AP
trans-1,3-Dichloropropene	BDL	ug/kg	8010/8020	50	12/24/96	AP
Dibromochloromethane	BDL	ug/kg	8010/8020	50	12/24/96	AP
Bromoform	BDL	ug/kg	8010/8020	50	12/24/96	AP
Tetrachloroethene	BDL	ug/kg	8010/8020	50	12/24/96	AP
MTBE	BDL	ug/kg	8010/8020	50	12/24/96	AP
Benzene	BDL	ug/kg	8010/8020	50	12/24/96	AP
Toluene	BDL	ug/kg	8010/8020	50	12/24/96	AP
Ethylbenzene	BDL	ug/kg	8010/8020	50	12/24/96	AP
p-Xylene	BDL	ug/kg	8010/8020	50	12/24/96	AP
Chlorobenzene	BDL	ug/kg	8010/8020	50	12/24/96	AP
m-Xylene	BDL	ug/kg	8010/8020	50	12/24/96	AP
o-Xylene	BDL	ug/kg	8010/8020	50	12/24/96	AP
1,4-Dichlorobenzene	BDL	ug/kg	8010/8020	50	12/24/96	AP
1,3-Dichlorobenzene	BDL	ug/kg	8010/8020	50	12/24/96	AP
1,2-Dichlorobenzene	BDL	ug/kg	8010/8020	50	12/24/96	AP
1,2-Dichloroethane	BDL	ug/kg	8010/8020	50	12/24/96	AP
TRH	8960	mg/kg	9073	1	12/20/96	JSP
Halogens	500	mg/kg	9020	100	12/24/96	AP

Adriana Perry

**NON-HAZARDOUS
WASTE MANIFEST**

1. Generator's US EPA ID No.

NS

Manifest

08488

2. Page 1
of 13. Generator's Name and Mailing Address
**RINKER MATERIALS CORP.
1200 NW 137 AVE
MIAMI, FL 33142**Truck
553

4. Generator's Phone ((305))225-1423

5. Transporter 1 Company Name
CLIFF BERRY, INC.6. US EPA ID Number
F.L.D.000831156A. Transporter's Phone
(954) 763-3390

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
**CLIFF BERRY, INC.
3033 N.W. N. RIVER DRIVE
MIAMI, FL 33142**10. US EPA ID Number
F.L.D.058560699C. Facility's Phone
(305) 638-2030

11. Waste Shipping Name and Description

12. Containers

No. Type

13. Total
Quantity14. Unit
Wt/Vola. Spent Petroleum Oil Filters, (CONTAINS Filters
and Petroleum Oil)

0.01 DMU/5.0

D

b.

c.

d.

D. Additional Descriptions for Materials Listed Above
A: Used Oil Filters

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

A:

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

A J LITE

Signature

Month Day Year
0.2 0.5 9.7

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

STEVEN PARKER

Signature

Month Day Year
0.2 6.5 9.7

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

A

Signature

Month Day Year

GENERATOR'S COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

NS

Manifest

08847

2. Page 1
of 1

J.S.# 6429

3. Generator's Name and Mailing Address
RINKER MATERIALS CORP.
1200 NW 137 AVE
MIAMI, FL 33142

4. Generator's Phone ((305))226-1423

5. Transporter 1 Company Name
CLIFF BERRY, INC.

6. US EPA ID Number
F L D 0 0 0 8 3 1 1 5 6

A. Transporter's Phone
(954) 763-3390

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
CLIFF BERRY, INC.
3033 N.W. N. RIVER DRIVE
MIAMI, FL 33142

10. US EPA ID Number
F L D 0 5 8 5 6 0 6 9 9

C. Facility's Phone
(305) 638-2030

11. Waste Shipping Name and Description

12. Containers
No. Type

13. Total
Quantity

14. Unit
Wt/Vol

a. Spent Petroleum Oil Filters, (CONTAINS Filters
and Petroleum Oil)

0.02 DM 0.030 U^P

b.

c.

d.

D. Additional Descriptions for Materials Listed Above
A: Used Oil Filters

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

A:

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name
A. E. H.

Signature
[Signature]

Month Day Year
8.2 8.9

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name
SILVA PARKER

Signature
[Signature]

Month Day Year
8.2 8.9

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month Day Year

GENERATOR'S COPY

Rinker Materials

Rinker Materials March 1997 Inspection January 1997 data					
VOA	TRPH				
833	6428		VOA		TRPH
22980	72014				
1	267	Mean	3135.416	Mean	11621.65
31220	21	Standard Error	969.7236	Standard Error	3567.763
150	8153	Median	1	Median	267
1	45	Mode	1	Mode	154
4223	72	Standard Deviation	7696.942	Standard Deviation	28318.24
35600	48838	Sample Variance	59242922	Sample Variance	8.02E+08
1	56635	Kurtosis	7.779824	Kurtosis	11.68611
13000	80000	Skewness	2.847352	Skewness	3.269465
337	153000	Range	35599.77	Range	152997
1	110	Minimum	0.23	Minimum	3
1	5	Maximum	35600	Maximum	153000
12000	1682	Sum	197531.2	Sum	732164
1	5	Count	63	Count	63
0.23	387	Confidence Level(95.00	1900.62	Confidence Level(95.00	6992.676
8200	400				
1	735				
1	1900				
1	329				
1	735				
1	326				
4020	591				
1	3697				
1	154				
1	41				
1	154				
24300	81				
1	154				
1	132				
1	41050				
1	46				
1	5				
1	18				
1	154				
1	23200				
109	4075				
15500	16000				
1	5				
1	154				
1	2200				
660	1100				
1	5				
1	154				
1	2200				
2278	43500				
1	27300				
1	15700				
3106	3				

Rinker Materials

1	154				
1	2200				
3106	3				
3	69				
1	5				
1	154				
1	2200				
1	110000				
3	69				
1	5				
1	154				
15860	3117				
3	69				
1	5				