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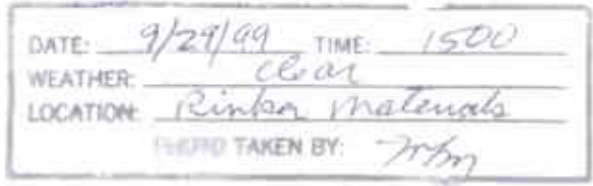

RINKER MATERIALS

SITE INSPECTION

9/29/99

Department of Environmental Protection

FILE

Jeb Bush
Governor

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

David B. Struhs
Secretary

DEC 22 1999

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 September 29, 1999. During this inspection, as noted on the attached inspection report, an accumulation of oil/sludge inside the secondary containment of the soil storage building apparently from spills and/or leaks was observed. The source of this material needs to be identified and the oil/sludge trapped between the stem wall and the outer wall in the Northeast corner of the soil storage building needs to removed, as well as the oil accumulation in the vicinity of the drums stored in the Northwest corner of the soil storage building to prevent a potential discharge from the soil storage building. **Please provide a written reply to confirm the source/s have been identified and actions taken to prevent reoccurrence in the future.**

In anticipation of the upcoming changeover in the cement manufacturing process (wet process to dry process), several areas of the current permits may require modification in order to remain current. It appears the facility layout, handling and processing of materials, handling of drum wash area wastewater, and management of leachate from the soil storage building are some of the areas which may need to be addressed. To determine whether or not permitting changes are necessary and ensure timely processing, please contact Robert Johns/MDERM regarding permit no. SO13-300512 and this office regarding permit no. SO13-290034 as soon as possible. In addition, the original alternate procedure (AP-STTF001) needs to be reviewed for continued applicability. Thank you for your continued cooperation.

Additionally, under the general provisions of the new soil thermal treatment facilities rule, 62-713, F.A.C., persons operating soil treatment facilities

under a permit issued by the Department prior to August 5, 1999, may continue to operate that facility under the terms of their existing permit unit expires, except that the treated soil shall meet the requirements of 62-713.520, F.A.C., by February 1, 2000.

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

Atch: STTF Inspection dated 9/29/99

cc: Robert Johns, Paul Lasa, MDERM, Miami w/atch
Tom Conrardy, Zoe Kulakowski, DEP/BWC, Tallahassee w/atch
Jeff Smith, DEP/WPB w/atch
Don Emery, Mike Vardeman, Rinker Materials, Miami w/atch

Department of
Environmental Protection

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

Jeb Bush
Governor

David B. Struhs
Secretary

SOIL THERMAL TREATMENT FACILITY INSPECTION REPORT

1. **TYPE INSPECTION:** ___ COMPLAINT X ROUTINE ___ FOLLOW-UP ___ PERMITTING

2. **FACILITY NAME** Rinker Portland Cement Corp.

DER/EPA ID FLD981758485 **COMET SITE ID** 69992

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** 9/29/99 **TIME** 10:00 am

4. **TYPE OF FACILITY** Thermal Soil Treatment Facility

5. **DESCRIPTION OF OPERATION:**
Facility Operations include limerock 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. X 62-775, F.A.C.

7. **RESPONSIBLE OFFICIAL:** (Name and Title)
James Jenkins, Vice President

8. **SURVEY PARTICIPANTS AND PRINCIPAL INSPECTORS:**
Lee Martin, FDEP
Don Emery, 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
SO13-300512 6/4/98 6/4/2002

Rev 8/18/94

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) and Chapter 62-701,FAC. This facility operates a rotary kiln and utilizes the petroleum contaminated soil and coal tar 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. Additionally, the facility treats coal tar contaminated soil under a Solid Waste Material Recovery Facility Permit #SO13-300512 issued June 4, 1997 which expires on June 4, 2002. A complete process description is provided in the Rinker permit application; however, the process was reviewed at the inspection as follows:

According to Don Emery, 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 DEP and 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 DERM solid waste permit. Rinker claims to accept no hazardous wastes as defined in 40 CFR Part 261.

Rinker has operated a materials substitution program since 1991. 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 petroleum 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, (5) blending oily sludges with contaminated soils, and (6) using other petroleum contaminated material.

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 ^{o} 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.

Rinker has applied for and received a Solid Waste Material Recovery Facility Permit No. SO13-300512 which allows Rinker to accept and treat certain coal tar contaminated soils. Rinker first accepted coal tar contaminated soils from mid June-mid August 1997 and revised the treated soil reporting form to reflect the coal tar parameters. According to Mr. Emery, during this inspection period Rinker only treated 10-15 drums of coal tar contaminated soils the last week of April 1999.

Rinker has applied for an alternative procedure to allow processing of certain petroleum related sludges/residues along with petroleum contaminated soil. This request has been approved under Alternate Procedure No. AP-STTF0036 with certain restrictions.

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, are weighed, and taken to the Material Screening Building (MSB) for processing. 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 MSB and emptied as time permits and during this inspection all drums observed were located inside the building; however, during this inspection one or more drums appeared to be leaking as evidenced by a layer of thick oily waste material accumulating on the floor around the stored drums. Even though the material is within the secondary containment of the building there is a potential for the material to spread outside the building; therefore, the leaky drum or drums should be identified, managed, and the oily material removed from the floor to prevent a potential discharge outside the facility.
Once emptied the 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 MSB 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 MSB 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 MSB. 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 MSB 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. During this inspection a thick oily sludge type material was identified in the area between the stem wall and the outer wall of the building. Even though the material is within the secondary containment of the building, this area was not designed for storage of uncontained oily sludge material and there is a potential for the material to spread outside the building; therefore, the uncontained oily sludge material should be removed and the area cleaned to prevent a potential discharge outside the facility. This will continue to be checked in the future. The four groundwater wells off the corners of the MSB have flush mounted manhole lids. Additionally, the monitor well off the Northwest corner of the MSB noted in the last inspection had been replaced but had been repaired and resealed; therefore, a monitor well completion report is not needed.

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 MSB. Spent oil filters are drummed and stored separately at the MSB and processed for recycling to Cliff Berry, Inc. A covered dumpster has been located in the Northeast corner of the MSB to allow collection of oily wastes/sludges which are mixed with the fuel oil and burned in the kiln.

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. Rinker also performs groundwater analyses through their in-house laboratory, under a Department approved Quality Assurance Plan, for their Groundwater Monitoring Plan. A review of records for untreated soil for July 1999 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 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 track the source, soil PCB content, quantity, PCB concentration, pounds PCB treated, and cumulative year to date PCB treated. No PCB contaminated soils were received during July 1999. Rinker began treating coal tar contaminated soils in mid-June 1997 and developed a form to track the required analytical data for the treated soils, no coal tar contaminated soils were processed during this inspection period. A review of treated soil (clinker) forms for TCLP

analyses indicates the results from six samples for Cadmium, nine samples for Lead, four samples for Barium, and one sample for Selenium exceed the respective groundwater standard; however, all this material is stabilized in concrete rather than disposed of as clean soil. The remainder of the clean soil criteria in 62-775 was not exceeded.

SUMMARY:

The MSB provides for proper handling and storage of petroleum contaminated soils, low level PCB contaminated soils, and coal tar contaminated soils and allows Rinker 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

General Permit No. SO 13-290034 Date of Inspection 9/29/99

Contact Person DON EMERY

Person Completing Report LEE MARTIN

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 untreatd 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?

Yes	No	REPORTING FORMS	
✓		10.	Are untreated soil reporting forms being properly completed? starting date 7/2/99 end date 7/27/99
✓		11.	Are treated soil reporting forms being properly completed? starting date 5/18/99 end date 8/31/99

12. Indicate frequency clean soil criteria is being met?
    a. 100 % TRPH - 10 mg/kg, or
    b. ____ % 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.
    a. TRPH BDL mg/kg to 34600 mg/kg, median 627 mg/kg
    b. VOA BDL mg/kg to 27665 mg/kg, median 1 mg/kg
    c. Arsenic BDL mg/kg to 26 mg/kg
    d. Barium BDL mg/kg to 1223 mg/kg
    e. Cadmium BDL mg/kg to 15 mg/kg
    f. Chromium BDL mg/kg to 33.5 mg/kg
    g. Lead BDL mg/kg to 1416 mg/kg
    h. Mercury BDL mg/kg to 1.1 mg/kg
    i. Selenium BDL mg/kg to 90 mg/kg
    j. Silver BDL mg/kg to 8.1 mg/kg

14. Indicate ranges and approximate median values of treated soil analyses for the following parameters.
    a. TRPH BDL mg/kg to BDL mg/kg, median BDL mg/kg
    b. VOA BDL mg/kg to BDL mg/kg, median BDL mg/kg
    c. Arsenic 1.0 mg/kg to 4.2 mg/kg
    d. Barium 108 mg/kg to 3351 mg/kg
    e. Cadmium BDL mg/kg to 4.5 mg/kg
    f. Chromium 32.5 mg/kg to 73.9 mg/kg
    g. Lead BDL mg/kg to 50 mg/kg
    h. Mercury BDL mg/kg to BDL mg/kg
    i. Selenium BDL mg/kg to 239 mg/kg
    j. Silver BDL mg/kg to 9.6 mg/kg
    k. _____ _____ mg/kg to _____ mg/kg
    i. _____ _____ mg/kg to _____ mg/kg

Comments: OIL ACCUMULATION OBSERVED WITHIN SECONDARY CONTAINMENT IN VICINITY OF DRUMS STORED IN NORTHEAST ~~EAST~~ WEST CORNER AND BETWEEN STEM WALL AND OUTER WALL IN NORTHEAST CORNER. SOURCES NEED TO BE IDENTIFIED AND OIL REMOVED/CLEANED UP TO PREVENT POTENTIAL DISCHARGES.

William L Martin
Signature

December 29, 1999
Date

Department of
Environmental Protection

Jeb Bush
Governor

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

David B. Struhs
Secretary

SOIL THERMAL TREATMENT FACILITY INSPECTION REPORT

1. **TYPE INSPECTION:** ___ COMPLAINT X ROUTINE ___ FOLLOW-UP ___ PERMITTING

2. **FACILITY NAME** Rinker Portland Cement Corp.

DER/EPA ID FLD981758485 **COMET SITE ID** 69992

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** 9/29/99 **TIME** 10:00 am

4. **TYPE OF FACILITY** Thermal Soil Treatment Facility

5. **DESCRIPTION OF OPERATION:**
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Rinker uses kilns fired by coal, natural gas, or used oil in production.

6. **APPL. REGULATIONS:** ___ 62-2, F.A.C. X 62-775, F.A.C.

7. **RESPONSIBLE OFFICIAL:** (Name and Title)
James Jenkins, Vice President

8. **SURVEY PARTICIPANTS AND PRINCIPAL INSPECTORS:**

Lee Martin, FDEP
Don Emery, Rinker Materials

9. **FACILITY LATITUDE** 25°46'57" conf. **LONGITUDE** 80°25'20" conf. 8/93

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11. **NOTICE NO:** SO13-290034 **DATE ISSUED:** 6/28/96 **EXP. DATE:** 6/7/2001
SO13-300512 6/4/98 6/4/2002

Rev 8/18/94

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BACKGROUND INFORMATION:

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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

General Permit No. SO 13-290034 Date of Inspection 9/29/99

Contact Person DON EMERY

Person Completing Report LEE MARTIN

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?
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✓		3.	Are monitoring wells properly installed (proper number and location)?
✓		4.	Are monitor wells being properly sampled and analysed for required parameters?
✓		5.	Is untreatd 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?

Yes	No	REPORTING FORMS	
✓		10.	Are untreated soil reporting forms being properly completed? starting date 7/2/99 end date 7/27/99
✓		11.	Are treated soil reporting forms being properly completed? starting date 5/18/99 end date 8/31/99

12. Indicate frequency clean soil criteria is being met?
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    b. ____ % 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.
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    e. Cadmium BDL mg/kg to 15 mg/kg
    f. Chromium BDL mg/kg to 33.5 mg/kg
    g. Lead BDL mg/kg to 1416 mg/kg
    h. Mercury BDL mg/kg to 1.1 mg/kg
    i. Selenium BDL mg/kg to 90 mg/kg
    j. Silver BDL mg/kg to 8.1 mg/kg

14. Indicate ranges and approximate median values of treated soil analyses for the following parameters.
    a. TRPH BDL mg/kg to BDL mg/kg, median BDL mg/kg
    b. VOA BDL mg/kg to BDL mg/kg, median BDL mg/kg
    c. Arsenic 1.0 mg/kg to 4.2 mg/kg
    d. Barium 108 mg/kg to 3351 mg/kg
    e. Cadmium BDL mg/kg to 4.5 mg/kg
    f. Chromium 32.5 mg/kg to 73.9 mg/kg
    g. Lead BDL mg/kg to 50 mg/kg
    h. Mercury BDL mg/kg to BDL mg/kg
    i. Selenium BDL mg/kg to 239 mg/kg
    j. Silver BDL mg/kg to 9.6 mg/kg
    k. _____ _____ mg/kg to _____ mg/kg
    i. _____ _____ mg/kg to _____ mg/kg

Comments: OIL ACCUMULATION OBSERVED WITHIN SECONDARY CONTAINMENT IN VICINITY OF DRUMS STORED IN NORTHEAST (WEST) CORNER AND BETWEEN STEM WALL AND OUTER WALL IN NORTHEAST CORNER. SOURCES NEED TO BE IDENTIFIED AND OIL REMOVED/CLEANED UP TO PREVENT POTENTIAL DISCHARGES.

William L Martin
Signature

December 20, 1999
Date

VOA	TRPH	Jul-99	*VOA*		*TRPH*	
1	36					
1	776		Mean	1063.538	Mean	4615.395
118	330		Standard Error	664.1946	Standard Error	1461.186
1650	738		Median	1	Median	627.5
1050	2330		Mode	1	Mode	1447
1	10.8		Standard Deviatio	4304.473	Standard Deviatio	9469.568
1	120		Sample Variance	18528489	Sample Variance	89672724
3461	34600		Kurtosis	37.96288	Kurtosis	3.459175
1	577		Skewness	6.043116	Skewness	2.214524
1300	24000		Range	27664	Range	34597
1	596		Minimum	1	Minimum	3
1	1191		Maximum	27665	Maximum	34600
1	348		Sum	44668.6	Sum	193846.6
1	790		Count	42	Count	42
1	27000		Confidence Level(	1341.369	Confidence Level(	2950.927
1	1447					
1	344					
445	3					
100	29000					
1	112					
1	5801					
1	640					
1	5					
1	1202					
20	72.8					
2957	382					
1	19000					
1	5					
3361	28000					
1	190					
1	1020					
5	615					
1	229					
550	1944					
27665	260					
1940	393					
19.6	90					
1	1447					
1	1000					
1	4400					
1	2774					
1	28					

Florida Department of Environmental Regulation

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

Month July Year: 1999

Soil Thermal Treatment Facility
Untreated Soil Reporting Form

Name of Facility: **RINKER MATERIALS CORP.**

Air Permit No.: **A013-172164**

Soil Treatment Permit No.: **SW-01117-97**

Stationary **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
			Amount	Analytical Results											
		Sample	Vol. or	Metals								Totals			Indicate Other Analyses
Date	Reporting ID#	Number	Wt. cy/tn	AS	BA	CD	CR	PB	HG	SE	AG	VOA	RPH	VOH	Attach Lab Results Only
* 7/2/99	3002851 - 199900005	1.	19.16	26.	1.4	BDL.	2.7	BDL.	BDL.	BDL.	1.4	BDL.	36.	BDL.	Costa DEl Sol
7/2/99	3016752 - 199900007	1.	48.49	0.7	322.	1.20	6.5	18.4	BDL.	59.	1.25	BDL.	776.	BDL.	
7/2/99	3026877 - 199900005	1.	3.28	2.37	2.97	<0.018	4.39	2.59	<0.002	<.233	.576	118.8	330.	BDL.	
7/2/99	3026926 - 199900013	1.	8.29	0.9	143.	0.17	9.7	23.4	BDL.	BDL.	BDL.	1650.	738.	BDL.	
7/6/99	3002894 - 199900026	1.	59.99	0.9	323.	1.0	5.2	33.3	BDL.	80.	BDL.	1050.	2330.	BDL.	
7/6/99	3003039 - 199900008	5.	147.17	BDL.	3.62	BDL.	3.22	2.2	BDL.	BDL.	BDL.	BDL.	10.84	BDL.	
7/7/99	3026878 - 199900002	1.	72.24	BDL.	BDL.	BDL.	.030	.071	BDL.	BDL.	BDL.	BDL.	120.	BDL.	
7/8/99	3002894 - 199900028	1.	14.28	BDL.	33.4	BDL.	33.5	13.6	BDL.	BDL.	BDL.	3461.	34600.	BDL.	
* 7/8/99	3002894 - 199900031	1.	5.18	2.5	188.	1.9	15.9	1416.	0.13	75.5	BDL.	BDL.	577.	BDL.	SE Freightlin
7/9/99	3025963 - 199900002	1.	17.80	1.8	41.	1.5	15.	7.0	BDL.	BDL.	BDL.	1300.	24000.	BDL.	
7/11/99	3042148 - 199900005	1.	3.71	BDL.	BDL.	BDL.	BDL.	BDL.	BDL.	BDL.	BDL.	BDL.	596.	BDL.	
7/12/99	COD9901 - 199900012	1.	18.97	0.6	42.5	0.68	6.3	6.3	BDL.	BDL.	BDL.	BDL.	1191.	BDL.	
7/13/99	3002894 - 199900025	1.	91.67	1.3	848.	2.45	18.4	23.4	BDL.	90.	4.70	BDL.	348.	BDL.	
7/13/99	3004123 - 199900001	1.	40.59	BDL.	BDL.	BDL.	BDL.	3.2	BDL.	BDL.	BDL.	BDL.	790.	BDL.	
7/14/99	3002947 - 199900001	1.	16.99	2.3	<29.	<0.4	8.9	21.	1.1	<3.3	<7.6	BDL.	27000.	BDL.	
7/15/99	COD9901 - 199900007	1.	28.52	0.7	30.9	0.12	8.52	62.3	0.50	0.4	8.1	BDL.	1447.	BDL.	
* 7/16/99	3002894 - 199900027	1.	83.92	1.3	927.	2.8	9.5	127.	0.28	BDL.	5.0	BDL.	344.	BDL.	CJ Mendez
7/16/99	3003009 - 199900004	1.	43.58	8.7	1223.1	2.1	19.3	77.9	.083	4.20	BDL.	445.5	3.0	BDL.	
7/16/99	3003055 - 199900004	1.	16.44	BDL.	BDL.	BDL.	BDL.	BDL.	BDL.	BDL.	BDL.	100.	29000.	BDL.	
7/16/99	3013197 - 199900002	3.	360.79	BDL.	102.5	0.9	3.3	5.03	BDL.	BDL.	0.55	BDL.	112.33	BDL.	
7/17/99	3002894 - 199900029	1.	14.72	.99	1058.	2.	13.3	25.9	BDL.	2.7	2.85	BDL.	5801.	BDL.	
7/17/99	COD0799 - 199900001	1.	22.19	2.4	10.	BDL.	7.1	BDL.	BDL.	BDL.	BDL.	BDL.	640.	BDL.	
7/19/99	3026911 - 199900003	3.	284.01	BDL.	BDL.	BDL.	BDL.	BDL.	BDL.	BDL.	BDL.	BDL.	BDL.	BDL.	
				26	1223	2.8	33.5	1416	1.1	90	8.1				

Florida Department of Environmental Regulation

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

Month July Year: 1999

Soil Thermal Treatment Facility
Untreated Soil Reporting Form

Name of Facility: RINKER MATERIALS CORP.

Air Permit No.: A013-172154

Soil Treatment Permit No.: SW-01117-97

Stationary 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
			Amount	Analytical Results											
		Sample	Vol. or	Metals								Totals			Indicate Other Analyses
Date	Reporting ID#	Number	Wt. cy/tn	AS	BA	CD	CR	PB	HG	SE	AG	VOA	RPH	VOH	Attach Lab Results Only
7/19/99	3026926 - 199900014	3.	185.32	4.8	1177.5	2.50	15.2	19.0	BDL.	2.7	2.4	BDL.	1202.	BDL.	
7/19/99	3026932 - 199900002	7.	1389.44	.68	3.39	.07	4.21	15.66	BDL.	BDL.	BDL.	19.9	72.86	BDL.	
7/20/99	0799COD - 199900001	3.	333.49	2.6	606.	1.07	7.6	14.4	BDL.	3.0	BDL.	2957.	382.	BDL.	
7/21/99	3002943 - 199900003	1.	15.73	2.7	<29.	<0.4	4.5	23.	<0.4	<3.32	<0.52	BDL.	19000.	BDL.	
* 7/21/99	3008318 - 199900007	3.	255.25	BDL.	3.6	BDL.	2.8	7.8	BDL.	BDL.	BDL.	BDL.	BDL.	BDL.	Coastal Fisher
7/21/99	3026883 - 199900007	1.	1.75	3.9	90.	15.	9.2	120.	BDL.	BDL.	BDL.	3361.	28000.	BDL.	
7/22/99	3002912 - 199900003	3.	473.26	.234	69.67	.437	2.43	16.97	BDL.	.267	.833	BDL.	190.66	BDL.	
7/22/99	3021737 - 199900002	1.	10.88	BDL.	7.1	BDL.	1.0	6.0	BDL.	BDL.	BDL.	BDL.	1020.	BDL.	
[illegible]/22/99	3026910 - 199900002	9.	2275.12	.93	7.1	.17	4.17	46.17	0.015	BDL.	BDL.	5.33	615.33	.12	
[illegible]/22/99	3026912 - 199900004	1.	14.95	BDL.	13.0	BDL.	6.10	7.60	BDL.	BDL.	BDL.	BDL.	229.	BDL.	
* 7/22/99	3026926 - 199900015	1.	60.81	0.6	413.	2.18	BDL.	600.	BDL.	BDL.	BDL.	550.	1944.	BDL.	Chevron Tank #40
7/23/99	3002894 - 199900030	1.	79.60	BDL.	BDL.	0.04	BDL.	7.6	BDL.	BDL.	BDL.	27665.	260.	BDL.	
7/23/99	3010320 - 199900001	3.	425.73	<1.	<11.	<2.1	<4.2	12.67	BDL.	BDL.	<2.1	1940.67	393.33	BDL.	
7/26/99	3026888 - 199900001	3.	158.66	BDL.	4.17	BDL.	1.26	2.19	BDK.	3.6	BDL.	19.780	90.	BDL.	
7/26/99	COD9901 - 199900008	1.	21.155	0.7	30.9	0.12	8.52	62.3	0.50	0.4	8.1	BDL.	1447.	BDL.	
7/26/99	COD9901 - 199900009	1.	43.91	1.2	174.	BDL.	19.7	41.1	BDL.	BDL.	BDL.	BDL.	1000.	BDL.	
7/26/99	COD9901 - 199900010	1.	21.37	.562	249.	2.5	16.3	20.4	BDL.	BDL.	7.35	BDL.	4400.	BDL.	
7/26/99	COD9901 - 199900011	1.	31.22	0.7	341.	0.95	BDL.	25.9	BDL.	64.	1.05	BDL.	2774.	BDL.	
7/27/99	3002894 - 199900032	1.	136.57	3.6	12.6	0.34	13.9	99.2	BDL.	BDL.	0.1	BDL.	28.	BDL.	
				4.8	1177	15	19.7	600	.5	64	8.1				

Florida Department of Environmental Regulation
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
Stationary:XXX or Mobile Facility:

ATTACHMENT "A"
Metals Blending Report

Month July **Year** 1999

1	2	3	4	5									6	7	8
Day of M[redacted]	Soil Batch ID#	Sample Number	Amount Volume or Weight cy/tn	Analytical Results											
				Metals									Totals		Source
				AS	BA	CD	CR	PB	HG	SE	AG		VOA	RPH	
2-Jul															
3002851-	199900005														
untreated	analysis			26	1.4	BDL	2.7	BDL	BDL	BDL	1.4				Costa Del Sol
blending	soil			BDL	.....	.....	.....	.....	.....	.....	.....				Blended 2 - 1
blending	soil			BDL	.....	.....	.....	.....	.....	.....	.....				
8-Jul															
3002894-	199900031														
untreated	analysis			2.5	188	1.9	15.9	1416	0.13	75.5	BDL				SE Freightliners
blending	soil			.....	.....	.....	.....	BDL	.....	.....	.....				Blended 15 - 1
blending	soil			.....	.....	.....	.....	17.3	.....	.....	.....				
16-Jul															
3[redacted]894-	199900027														
untreated	analysis			1.3	927	2.8	9.5	127	0.28	BDL	5				CJ MENDEZ
blending	soil			.....	.....	.....	.....	BDL	.....	.....	.....				Blended 1 - 1
blending	soil			.....	.....	.....	.....	19.9	.....	.....	.....				
21-Jul															
3026883-	199900007														
untreated	analysis			3.9	90	15	9.2	120	BDL	BDL	BDL				COASTAL FISHER
blending	soil			.....	.....	.....	.....	BDL	.....	.....	.....				Blended 1 - 1
blending	soil			.....	.....	.....	.....	17.1	.....	.....	.....				

Form: ATTACH_A

Florida Department of Environmental Regulation
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
Stationary:XXX or Mobile Facility:

ATTACHMENT "A"
Metals Blending Report

Month July Year 1999

1	2	3	4	5									6	7	8
Day of M[redacted]	Soil Batch ID#	Sample Number	Amount Volume or Weight cy/tn	Analytical Results											
				Metals									Totals		Source
				AS	BA	CD	CR	PB	HG	SE	AG		VOA	RPH	
22-Jul															
3026926-	199900015														
untreated	analysis			0.6	413	2.18	BDL	600	BDL	BDL	BDL				Chevron Tank #40
blending	soil			.....	.....	.....	.....	BDL	.....	.....	.....		.....	.....	Blended 6 - 1
blending	soil			.....	.....	.....	.....	17.5	.....	.....	.....				
untreated	analysis														
blending	soil														
blending	soil														
untreated	analysis														
blending	soil														
blending	soil														
untreated	analysis														
blending	soil														
blending	soil														

Form: ATTACH_A

RINKER MATERIALS SUBSTITUTION

Materials Analysis Report

REPORT DATE	**8/15/99**
SAMPLE DATE	**7/15/99**
SAMPLE SOURCE	CJ MENDEZ
REFERENCE #	3002894-990027
R.E.S. NUMBER	**13067/13068**
SAMPLE TYPE	**SOIL**

PARAMETER	RESULTS CONTAMINATED	RESULT CLEAN	RESULT BLEND	UNITS	METHOD	D LIMITS
LEAD	21.1	BDL	19.9	mg/kg	7420	10

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

Juan A. Gonzalez
QA QC Manager

RINKER MATERIALS SUBSTITUTION

Materials Analysis Report

REPORT DATE	**8/15/99**
SAMPLE DATE	**7/8/99**
SAMPLE SOURCE	SE FREIGHTLINERS
REFERENCE #	3002894-990031
R.E.S. NUMBER	**13063/13064**
SAMPLE TYPE	**SOIL**

PARAMETER	RESULTS CONTAMINATED	RESULT CLEAN	RESULT BLEND	UNITS	METHOD	D LIMITS
LEAD	18.0	BDL	17.3	mg/kg	7420	10

BLEND = 1 Contaminated With 15 CLEAN
BDL = Below detection limit

Juan A. Gonzalez
QA/QC Manager

RINKER MATERIALS SUBSTITUTION

Materials Analysis Report

REPORT DATE	**8/15/99**
SAMPLE DATE	**7/2/99**
SAMPLE SOURCE	COSTA DEL SOL
REFERENCE #	3002851-99005
R.E.S. NUMBER	**13055/13056**
SAMPLE TYPE	**SOIL**

PARAMETER	RESULTS CONTAMINATED	RESULT CLEAN	RESULT BLEND	UNITS	METHOD	D LIMITS
ARSENIC	BDL	BDL	BDL	mg/kg	7061	0.5

BLEND = 1 Contaminated With 2 CLEAN

BDL = Below detection limit

Juan A. Gonzalez
QA/QC Manager

RINKER MATERIALS SUBSTITUTION

Materials Analysis Report

REPORT DATE	**8/15/99**
SAMPLE DATE	**7/21/99**
SAMPLE SOURCE	CHEVRON TANK #40
REFERENCE #	
R.E.S. NUMBER	**13061/13062**
SAMPLE TYPE	**SOIL**

PARAMETER	RESULTS CONTAMINATED	RESULT CLEAN	RESULT BLEND	UNITS	METHOD	D LIMITS
LEAD	18.7	BDL	17.5	mg/kg	7420	10

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

Juan A. Gonzalez
QA/QC Manager

8/12/99 8:57 AM

BLEN0799.XLS

RINKER MATERIALS SUBSTITUTION

Materials Analysis Report

REPORT DATE	**8/15/99**
SAMPLE DATE	**7/21/99**
SAMPLE SOURCE	COASTAL FISHER
REFERENCE #	3026883-990007
R.E.S. NUMBER	**13065/13066**
SAMPLE TYPE	**SOIL**

PARAMETER	RESULTS CONTAMINATED	RESULT CLEAN	RESULT BLEND	UNITS	METHOD	D LIMITS
LEAD	20.1	BDL	17.1	mg/kg	7420	10

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

Juan A. Gonzalez
QA/QC Manager

Rinker Environmental Services

1200 N.W. 137th Avenue
Miami, FL 33182

Telephone (800) 226-7647
(305) 225-1423
Facsimile (305) 220-9875

Materials Analysis Report

REPORT DATE	7/15/99	**DATE SAMPLED**	
SAMPLE SOURCE	S.E. FREIGHTLINERS	**DATE RECEIVED**	7/8/99
SAMPLE LOCATION	MIAMI, FL	**REFERENCE #**	CBI
COLLECTED BY	DON EMERY	**R.E.S. NUMBER**	12885
SAMPLE TYPE	SOIL	**PAGE**	Page 1 of 2

PARAMETER	RESULT	UNITS	METHOD	D. LIMITS	ANALYSIS DATE	ANAL. INITIAL
Arsenic	2.5	mg/kg	7060	0.5	7/14/99	PEP
Barium	188	mg/kg	7080	5	7/13/99	JSP
Cadmium	1.9	mg/kg	7130	0.5	7/13/99	JSP
Chromium	15.9	mg/kg	7190	1	7/13/99	JSP
Mercury	0.13	mg/kg	7470A	0.08	7/14/99	FJG
Lead	1416	mg/kg	7420	1	7/13/99	JSP
Selenium	75.5	mg/kg	7740	0.4	7/14/99	PEP
Silver	BDL	mg/kg	7760	1	7/13/99	JSP
Chloromethane	BDL	mg/kg	5030/8021	150	7/10/99	AP
Bromomethane	BDL	mg/kg	5030/8021	150	7/10/99	AP
Vinyl Chloride	BDL	mg/kg	5030/8021	150	7/10/99	AP
Dichlorodifluoromethane	BDL	mg/kg	5030/8021	150	7/10/99	AP
Chloroethane	BDL	mg/kg	5030/8021	150	7/10/99	AP
Methylene Chloride	BDL	mg/kg	5030/8021	150	7/10/99	AP
Trichlorofluoromethane	BDL	mg/kg	5030/8021	150	7/10/99	AP
1,1-Dichloroethene	BDL	mg/kg	5030/8021	150	7/10/99	AP
1,1-Dichloroethane	BDL	mg/kg	5030/8021	150	7/10/99	AP
trans-1,2-Dichloroethene	BDL	mg/kg	5030/8021	150	7/10/99	AP
Chloroform	BDL	mg/kg	5030/8021	150	7/10/99	AP
1,2-Dichloroethane	BDL	mg/kg	5030/8021	150	7/10/99	AP
1,1,1-Trichloroethane	BDL	mg/kg	5030/8021	150	7/10/99	AP
Carbon Tetrachloride	BDL	mg/kg	5030/8021	150	7/10/99	AP
Bromodichloromethane	BDL	mg/kg	5030/8021	150	7/10/99	AP
1,2-Dichloropropane	BDL	mg/kg	5030/8021	150	7/10/99	AP
cis-1,3-Dichloropropene	BDL	mg/kg	5030/8021	150	7/10/99	AP
Trichloroethene	BDL	mg/kg	5030/8021	150	7/10/99	AP
1,1,2-Trichloroethane	BDL	mg/kg	5030/8021	150	7/10/99	AP
1,1,2,2-Tetrachloroethane	BDL	mg/kg	5030/8021	150	7/10/99	AP
trans-1,3-Dichloropropene	BDL	mg/kg	5030/8021	150	7/10/99	AP
Dibromochloromethane	BDL	mg/kg	5030/8021	150	7/10/99	AP
Bromoform	BDL	mg/kg	5030/8021	150	7/10/99	AP
Tetrachloroethene	BDL	mg/kg	5030/8021	150	7/10/99	AP

REPORT DATE	7/15/99	**DATE SAMPLED**	
SAMPLE SOURCE	S.E. FREIGHTLINERS	**DATE RECEIVED**	7/8/99
SAMPLE LOCATION	MIAMI, FL	**REFERENCE #**	CBI
COLLECTED BY	DON EMERY	**R.E.S. NUMBER**	12885
SAMPLE TYPE	SOIL	**PAGE**	Page 2 of 2

PARAMETER	RESULT	UNITS	METHOD	D. LIMITS	ANALYSIS DATE	ANAL. INITIAL
MTBE	BDL	mg/kg	5030/8021	150	7/10/99	AP
Benzene	BDL	mg/kg	5030/8021	150	7/10/99	AP
Toluene	BDL	mg/kg	5030/8021	150	7/10/99	AP
Ethylbenzene	BDL	mg/kg	5030/8021	150	7/10/99	AP
p-Xylene	BDL	mg/kg	5030/8021	150	7/10/99	AP
Chlorobenzene	BDL	mg/kg	5030/8021	150	7/10/99	AP
m-Xylene	BDL	mg/kg	5030/8021	150	7/10/99	AP
o-Xylene	BDL	mg/kg	5030/8021	150	7/10/99	AP
1,4-Dichlorobenzene	BDL	mg/kg	5030/8021	150	7/10/99	AP
1,3-Dichlorobenzene	BDL	mg/kg	5030/8021	150	7/10/99	AP
1,2-Dichlorobenzene	BDL	mg/kg	5030/8021	150	7/10/99	AP
TRH	577	mg/kg	9073	1	7/9/99	AP
Halogens	BDL	mg/kg	9020	100	7/9/99	AP
TCLP Pb	BDL	mg/L	1311	5	7/14/99	JSP

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.

QAP # 950491 DOH# E86536

Respectfully submitted,

Juan A. Gonzalez
QA/QC Manager

Treated So.. ting Form

Name of Facility: R[illegible] MATERIALS CORP
Air Permit No: A013-[illegible]154
Soil Treatment Permit No: SW-01117-91
Stationary:XXX or Mobile Facility:

Month _____ Year 99

1 Day of Month	2 Soil Batch ID#	3 Sample Number	4 Length of Run Hours	5 Amount Volume or Weight cy/tn
5/22		42	168	
5/23				

6 Analytical Results — Total Metals

As	Ba	Cd	Cr	Pb	Hg	Se	Ag
3.5	199	BDL	166.4	6.16	BDL	2.7	BDL

Be	CN	Phenols	Dibenzo Furan

7 Analytical Results — TCLP Metals

As	Ba	Cd	Cr	Pb	Hg	Se	Ag
BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

Be	Benzene

8 Totals

VOA	RPH	PAH	VOH	TOH
BDL	BDL			

9 10 11

1 Day of Month	2 Soil Batch ID#	3 Sample Number	4 Length of Run Hours	5 Amount Volume or Weight cy/tn
5/23		42	168	
6/11				

6 Analytical Results — Total Metals

As	Ba	Cd	Cr	Pb	Hg	Se	Ag
3.4	43.2	BDL	58.2	5.5	BDL	BDL	BDL

Be	CN	Phenols	Dibenzo Furan

7 Analytical Results — TCLP Metals

As	Ba	Cd	Cr	Pb	Hg	Se	Ag
BDL	BDL	BDL	BDL	3.1	BDL	BDL	BDL

Be	Benzene

8 Totals

VOA	RPH	PAH	VOH	TOH
BDL	BDL			

9 10 11

1 Day of Month	2 Soil Batch ID#	3 Sample Number	4 Length of Run Hours	5 Amount Volume or Weight cy/tn
6/11		42	168	
6/17				

6 Analytical Results — Total Metals

As	Ba	Cd	Cr	Pb	Hg	Se	Ag
3.0	3351	2.5	739	6.5	BDL	0.5	BDL

Be	CN	Phenols	Dibenzo Furan

7 Analytical Results — TCLP Metals

As	Ba	Cd	Cr	Pb	Hg	Se	Ag
BDL	2.28	.033	BDL	0.26	BDL	0.7	BDL

Be	Benzene

8 Totals

VOA	RPH	PAH	VOH	TOH
BDL	BDL			

9 10 11

1 Day of Month	2 Soil Batch ID#	3 Sample Number	4 Length of Run Hours	5 Amount Volume or Weight cy/tn
6/17		42	168	
6/18				

6 Analytical Results — Total Metals

As	Ba	Cd	Cr	Pb	Hg	Se	Ag
3.1	2659	2.6	59.6	3.2	BDL	BDL	BDL

Be	CN	Phenols	Dibenzo Furan
2.5	BDL	BDL	BDL

7 Analytical Results — TCLP Metals

As	Ba	Cd	Cr	Pb	Hg	Se	Ag
BDL	2.19	.025	BDL	.21	BDL	BDL	BDL

Be	Benzene
	BDL

8 Totals

VOA	RPH	PAH	VOH	TOH
BDL	BDL	BDL		

9 10 11

1 Day of Month	2 Soil Batch ID#	3 Sample Number	4 Length of Run Hours	5 Amount Volume or Weight cy/tn
6/18		42	168	
6-19				

6 Analytical Results — Total Metals

As	Ba	Cd	Cr	Pb	Hg	Se	Ag
3.4	435	2.55	31.4	17.9	BDL	95	9.6

Be	CN	Phenols	Dibenzo Furan

7 Analytical Results — TCLP Metals

As	Ba	Cd	Cr	Pb	Hg	Se	Ag
BDL	2.23	.025	BDL	.23	BDL	BDL	

Be	Benzene

8 Totals

VOA	RPH	PAH	VOH	TOH
BDL	BDL			

9 10 11

3.5 3351 2.6 739 17.9 BDL 95 9.6 BDL 2.28 .025 BDL 2.1 BDL .7 BDL

Treated So.. ting Form

Name of Facility: RI . . MATERIALS CORP
Air Permit No: A013-. .2154
Soil Treatment Permit No: SW-01117-91
Stationary:XXX or Mobile Facility:

Month _____ Year 99

1 Day of Month	2 Soil Batch ID#	3 Sample Number	4 Length of Run Hours	5 Amount Volume or Weight cy/tn	6 Analytical Results: Total Metals As	Ba	Cd	Cr	Pb	Hg	Se	Ag	Be	CN	Phenols	Dibenzo Furan	7 TCLP Metals As	Ba	Cd	Cr	Pb	Hg	Se	Ag	Be	Benzene	8 Totals VOA	RPH	PAH	VOH	TOH	9	10	11
6-19		42	168		3.1	496	2.75	32.5	18.3	BDL	239	5.4					BDL	1.25	.024	BDL	.33	BDL	BDL	BDL			BDL	BDL						
6-30																																	
7-1		42	168		2.4	108	BDL	48.7	10.5	BDL	1.5	0.1					BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			BDL	BDL						
7-5																																	
7-6		42	168		1.4	119	BDL	50.7	7.9	BDL	1.2	BDL					BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			BDL	BDL						
7-11																																	
7-[illegible]		42	168		2.2	116	BDL	52.3	BDL	BDL	BDL	BDL					BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			BDL	BDL						
7-25																																	
7-26		42	168		2.4	126	BDL	54.8	5.2	BDL	1.3	BDL					BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			BDL	BDL						
8-1													3.50	BDL	BDL	BDL									BDL	BDL							

3.1 496 2.75 54.8 183 BDL 239 5.4 BDL 1.25 .029 BDL .33 BDL BDL BDL

DER Form 17-775 900(3)

Treated So... ting Form

Name of Facility: R... MATERIALS CORP
Air Permit No: A013-...2154
Soil Treatment Permit No: SW-01117-91
Stationary:XXX or Mobile Facility:

Month _____ Year 99

1 Day of Month	2 Soil Batch ID#	3 Sample Number	4 Length of Run Hours	5 Amount Volume or Weight cy/tn	6 Analytical Results								7								8 Totals			
					Total Metals								TCLP Metals											
					As	Ba	Cd	Cr	Pb	Hg	Se	Ag	As	Ba	Cd	Cr	Pb	Hg	Se	Ag	VOA	RPH	PAH	VOH
8-11		42	168		1.0	650	4.5	36	50	BDL	0.9	BDL	BDL	2.5	0.06	BDL	0.37	BDL	BDL	BDL	BDL	BDL		
8-19					Be	CN	Phenols	Dibenzo Furan					Be	Benzene										TOH

1 Day of Month	2 Soil Batch ID#	3 Sample Number	4 Length of Run Hours	5 Amount Volume or Weight cy/tn	6 Analytical Results								7								8 Totals			
					Total Metals								TCLP Metals											
					As	Ba	Cd	Cr	Pb	Hg	Se	Ag	As	Ba	Cd	Cr	Pb	Hg	Se	Ag	VOA	RPH	PAH	VOH
8-11		42	168		2.3	650	4.5	43	45	BDL	0.7	BDL	BDL	1.2	0.05	BDL	0.37	BDL	BDL	BDL	BDL	BDL		
8-19					Be	CN	Phenols	Dibenzo Furan					Be	Benzene										TOH

1 Day of Month	2 Soil Batch ID#	3 Sample Number	4 Length of Run Hours	5 Amount Volume or Weight cy/tn	6 Analytical Results								7								8 Totals			
					Total Metals								TCLP Metals											
					As	Ba	Cd	Cr	Pb	Hg	Se	Ag	As	Ba	Cd	Cr	Pb	Hg	Se	Ag	VOA	RPH	PAH	VOH
8-20		42	168		4.2	650	4.0	36	39	BDL	0.7	BDL	BDL	BDL	BDL	BDL	0.24	BDL	BDL	BDL	BDL	BDL		
8-25					Be	CN	Phenols	Dibenzo Furan					Be	Benzene										TOH

1 Day of Month	2 Soil Batch ID#	3 Sample Number	4 Length of Run Hours	5 Amount Volume or Weight cy/tn	6 Analytical Results								7								8 Totals			
					Total Metals								TCLP Metals											
					As	Ba	Cd	Cr	Pb	Hg	Se	Ag	As	Ba	Cd	Cr	Pb	Hg	Se	Ag	VOA	RPH	PAH	VOH
8/26					1.5	650	4.5	40	42	BDL	0.6	BDL	BDL	BDL	BDL	BDL	0.20 (SP)	BDL	BDL	BDL	BDL	BDL		
8					Be	CN	Phenols	Dibenzo Furan					Be	Benzene										TOH

1 Day of Month	2 Soil Batch ID#	3 Sample Number	4 Length of Run Hours	5 Amount Volume or Weight cy/tn	6 Analytical Results								7								8 Totals			
					Total Metals								TCLP Metals											
					As	Ba	Cd	Cr	Pb	Hg	Se	Ag	As	Ba	Cd	Cr	Pb	Hg	Se	Ag	VOA	RPH	PAH	VOH
					Be	CN	Phenols	Dibenzo Furan					Be	Benzene										TOH
					4.2	900	4.5	42	50	BDL	.9	BDL	BDL	2.5	.06	BDL	.37	BDL	BDL	BDL				

DER Form 17-775 900(3)

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

DISTRICT ROUTING SLIP

To: Paul Wierzbicki DATE: 9/14/99

CC To:

	PENSACOLA	**NORTHWEST DISTRICT**	
	Panama City	Northwest District Branch Office	
	Tallahassee	Northwest District Branch Office	
	Sopchoppy	Northwest District Satellite Office	
	TAMPA	**SOUTHWEST DISTRICT**	
	Punta Gorda	Southwest District Branch Office	
	Bartow	Southwest District Satellite Office	
	ORLANDO	**CENTRAL DISTRICT**	
	Melbourne	Central District Satellite Office	
	JACKSONVILLE	**NORTHEAST DISTRICT**	
	Gainesville	Northeast District Branch Office	
	FORT MYERS	**SOUTH DISTRICT**	
	Marathon	South District Branch Office	
X	**WEST PALM BEACH**	**SOUTHEAST DISTRICT**	
	Port St. Lucie	Southeast District Branch Office	

☐ Reply Optional Date Due _____ ☐ Reply Required Date Due: _____ ☐ Info Only

Comments:

From: Joe Kubaboski Tel.: SC 278-3935

08-18-93

Florida Department of

Memorandum

Environmental Protection

200368

To: Paul Wierzbicki, Southeast District Office

THROUGH: Jim Crane, Bureau of Waste Cleanup JJC

FROM: Zoe Kulakowski, Bureau of Waste Cleanup ZPK

DATE: September 14, 1999

SUBJECT: Rinker Portland Cement Corporation, 1200 Northwest 137th Avenue, Miami, Dade County

I have reviewed the Chapter 62-775, F.A.C. Ground Water Monitoring Report dated August 9, 1999 for the referenced site. The July 2, 1999 analytical results show acceptable ground water quality. Figure 2 shows an incorrect ground water elevation for MW-25 according to the data presented in Table 2.

/zpk