

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION
ENFORCEMENT TELEPHONE LOG

CASE NAME: Pinker Materials DATE: 5/30/96 TIME: _____

CONTACT: _____ OF: _____ CALLED/
WAS CALLED

DISCUSSION: Before Judianna finished with data review
it was identified permit had expired and new
application was being processed so no cover
letter drafted.

PREPARED BY: WLM

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
General Permit No. SO 13-195017 Date of Inspection 4/26/96
Contact Person DAVE MARPLE
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 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?

Yes No REPORTING FORMS

- ☒ 10. Are untreated soil reporting forms being properly completed? starting date Feb 96 end date Feb 96
- ☒ 11. Are treated soil reporting forms being properly completed? starting date 4/27 end date 4/14

12. Indicate frequency clean soil criteria is being met?
- 5 % TRPH - 10 mg/kg, or
 - 95 % 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 BOL mg/kg to 10000 mg/kg, median 7.75 mg/kg
 - VOA BOL mg/kg to 22600 mg/kg, median 0.1 mg/kg
 - Arsenic BOL mg/kg to 130 mg/kg
 - Barium BOL mg/kg to 1400 mg/kg
 - Cadmium BOL mg/kg to 35 mg/kg
 - Chromium BOL mg/kg to 200 mg/kg
 - Lead BOL mg/kg to 662 mg/kg
 - Mercury BOL mg/kg to 23 mg/kg
 - Selenium BOL mg/kg to 130 mg/kg
 - Silver BOL mg/kg to 27 mg/kg
14. Indicate ranges and approximate median values of treated soil analyses for the following parameters.
- TRPH BOL mg/kg to 50 mg/kg, median 706.25 mg/kg
 - VOA BOL mg/kg to BOL mg/kg, median 0.1 mg/kg
 - Arsenic BOL mg/kg to 3.8 mg/kg
 - Barium 92 mg/kg to 270 mg/kg
 - Cadmium BOL mg/kg to 21 mg/kg
 - Chromium 1.3 mg/kg to 27 mg/kg
 - Lead 5.2 mg/kg to 31 mg/kg
 - Mercury BOL mg/kg to BOL mg/kg
 - Selenium BOL mg/kg to 1500 mg/kg
 - Silver BOL mg/kg to BOL mg/kg
 - _____ mg/kg to _____ mg/kg
 - i. _____ mg/kg to _____ mg/kg

Comments: _____

Signature _____

Date _____

Rinkermaterials corporation					
Untreated Soil Levels February 1996					
VOA	TRPH		VOA		TRPH
6.45	105				
29.04	1	Mean	14532.69	Mean	19681.58
0.1	66	Standard Error	5120.285	Standard Error	5268.037
0.1	32	Median	0.1	Median	706.25
0.1	32	Mode	0.1	Mode	3200
451	17800	Standard Deviation	50946.19	Standard Deviation	52416.31
2730	47	Sample Variance	2.6E+09	Sample Variance	2.75E+09
4600	28	Kurtosis	13.30914	Kurtosis	11.4472
0.1	706.25	Skewness	3.829505	Skewness	3.375209
0.1	16	Range	225999.9	Range	295599.9
0.1	16	Minimum	0.1	Minimum	0.1
0.1	35	Maximum	226000	Maximum	295600
11860	14000	Sum	1438736	Sum	1948477
0.1	328	Count	99	Count	99
6.79	984	Confidence Level(95.	10035.56	Confidence Level(95.	10325.15
114.41	1.2				
1452	59900				
0.1	1300				
0.1	28000				
0.1	706.25				
0.1	1300				
5904	8529				
1193	56				
0.1	2305				
0.1	479				
19750	105300				
40	6220				
6.09	222				
0.1	15				
0.1	328.33				
0.1	706.25				
587	2.4				
0.1	5576				
0.1	328.33				
1	15500				
2.02	490				
0.1	4.36				
0.1	3200				
1110	961				
0.3	4100				
0.1	140				
0.1	51				
0.1	550				
0.1	33				
335	86000				
0.1	18				
0.1	3200				
0.1	328.33				

[illegible]

Name of Facility: Rinke Materials Corp

Air Permit No.: _____
 Soil Treatment Permit No.: _____
 Stationary: X or Mobile Facility: _____

Month: _____ Year: _____

1		2		3		4		5		6		7		8		9		10		11	
Day of Mo.		Soil Batch ID#		Sample Number		Length of Run, Hours		Amount, Volume or Weight cy/tn		Total Metals		ICLP Metals		Totals		Totals		Totals		Totals	
										Ba Cd Cr Pb Hg Se Ag As Ba Cd Cr Pb Hg Se Ag		VOA RPH PAH VOA RPH PAH VOA RPH PAH		VOA RPH PAH VOA RPH PAH		VOA RPH PAH VOA RPH PAH					
12-17		42		168						3.1 230 0.01 56 7.5 0.01 0.01 0.01 0.01 1.2 0.01 0											

See reverse side for instructions

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

Soil Thermal Treatment Facility Untreated Soil Reporting Form

Year: 1998

Month: FEBRUARY

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

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

Air Permit No.: A013-172154

Soil Treatment Permit No.: SW-01117-91

Stationary **XXX** or Mobile Facility:

1	2	3	4	5										6	7	8	9
Day of Mo.	Soil Batch ID#	Sample Number	Amount Volume or Weight cy/t	Metals										Totals	RPH	VOH	
				AS	BA	CD	CR	PB	HG	SE	AG	VOA					
02/01/86	105-96003	1	32.16	<0.020	3.12	0.054	1.19	10.3	<0.010	<0.020	<0.0500	6.45	105	.005			
02/01/86	203-96017	1	21.38	<0.020	0.040	12.3	4.77	29.3	<0.010	0.0056	0.245	29.04	<1.00	BDL			
02/01/86	297-96003	3	20.21	93	240	BDL	7.3	19	1.84	130	72	BDL	66	BDL			
02/01/86	302-96001	3	145.28	1.90	<20	<2.0	3.94	<15	<0.25	<50	<2.0	BDL	32	.002			
02/02/86	302-96001	3	152.03	1.90	<20	<2.0	3.94	<15	<0.25	<50	<2.0	BDL	32	.002			
02/02/86	310-96009	1	9.49	1.08	42.3	5.59	15.9	123	0.0325	0.608	0.137	451	17800	.005			
02/02/86	391-96002	1	14.87	BDL	4.86	BDL	1.11	2.30	BDL	1.12	BDL	2730	47	0.84			
02/02/86	435-96003	1	9.65	BDL	100	1	BDL	BDL	BDL	BDL	1	4600	28	BDL			
02/02/86	605-96004	16	1036.61	5.40	15.55	0.74	5.99	31.73	0.26	BDL	BDL	BDL	706.25	.187			
02/02/86	619-96001	1	7.45	BDL	0.49	0.065	0.01	0.06	BDL	BDL	BDL	BDL	16	.033			
02/02/86	619-96002	1	5.00	BDL	0.49	0.065	0.01	0.06	BDL	BDL	BDL	BDL	16	.033			
02/05/86	114-96016	1	0.84	BDL	20	BDL	18.5	224.8	BDL	BDL	BDL	BDL	35	BDL			
02/05/86	593-96001	1	1.55	BDL	18	2.6	7.5	150	0.14	BDL	BDL	11860	14000	BDL			
02/06/86	203-96016	1	0.25	BDL	3.45	BDL	2.73	7.60	BDL	BDL	BDL	BDL	328	BDL			
02/06/86	553-96001	1	2.68	<0.020	12.0	0.583	14.0	235	0.0818	<0.020	<0.0500	6.79	984	.089			
02/06/86	553-96002	1	2.00	BDL	68.0	7.8	15.7	662	BDL	BDL	BDL	114.41	1.2	BDL			
02/06/86	553-96003	1	1.25	<0.020	0.346	0.0584	0.110	5.59	0.107	<0.020	<0.0500	1452	59900	.032			
02/06/86	615-96002	1	27.30	<4.8	<20	<3.8	4.5	<5.6	<0.28	<4.4	<20	BDL	1300	BDL			
02/06/86	618-96001	1	0.63	35	22	<0.50	84	67	0.061	<10	<1.0	BDL	28000	BDL			
02/06/86	605-96004	16	673.72	5.40	15.55	0.74	5.99	31.73	0.26	BDL	BDL	BDL	706.25	.187			
02/07/86	615-96002	1	22.50	<4.8	<20	<3.8	4.5	<5.6	<0.28	<4.4	<20	BDL	1300	BDL			
02/08/86	140-96003	1	17.24	BDL	19	BDL	3	38	BDL	BDL	BDL	5904	8529	BDL			
02/09/86	103-96006	1	6.00	BDL	10	BDL	4	0.9	BDL	BDL	BDL	1193	56	BDL			
02/09/86	254-96002	1	0.25	BDL	34.0	12.0	62.0	311	.272	BDL	4.82	BDL	2305	BDL			
02/09/86	344-96002	1	0.65	1.5	73	BDL	11	250	BDL	BDL	BDL	BDL	479	BDL			
02/09/86	344-96003	1	1.00	2.5	130	BDL	20	49	BDL	BDL	BDL	19750	105300	BDL			
02/09/86	344-96004	1	0.75	BDL	13	BDL	4	16	BDL	BDL	BDL	40	6220	BDL			
775.900(2)																	

*** SEE ATTACHMENT "A"**

VOA = PPB

$$RPH = PPM$$

WQH = PPM

Soil Thermal Treatment Facility Untreated Soil Reporting Form

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

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

Air Permit No.: **A013-172154**

Soil Treatment Permit No.: SW-01117-91

Stationary **XXX** or Mobile Facility:[illegible]

**** SEE ATTACHMENT "A"**

VOA = PPB

RPH = PPM

$$V_{OH} = PPM$$

Florida Department of Environmental Regulation

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

Soil Thermal Treatment Facility Untreated Soil Reporting Form

Month: FEBRUARY Year: 1996

Name of Facility: RINKER MATERIALS CORP.
Air Permit No.: A013-172164
Soil Treatment Permit No.: SW-01117-91
Stationary 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 cwt/m	Analytical Results										Indicate Other Analyses Attach Lab Results Only			
				Metals										Totals			
				AS	BA	CD	CR	PB	HG	SE	AG	VOA	RPH	VOH			
02/21/96	114-96025	1	1.44	BDL	1900	7.8	4.1	280	BDL	BDL	BDL	2430	34400	BDL			
02/21/96	114-96028	1	2.12	BDL	23	BDL	11.1	6.6	BDL	BDL	BDL	BDL	69.3	BDL			
02/21/96	203-96018	1	21.52	BDL	3.45	BDL	2.73	7.60	BDL	BDL	BDL	BDL	328	BDL			
02/21/96	302-96003	3	233.03	1.08	4.53	0.30	5.13	3.27	<0.002	0.63	2.10	170.90	17.90	BDL			
02/21/96	415-96001	5	46.81	<4.8	28	<3.6	40	<15	0.30	<4.4	<28	BDL	3200	BDL			
02/21/96	437-96004	1	3.94	BDL	829	3.22	3.28	57.7	BDL	BDL	BDL	131000	296600	BDL			
02/22/96	217-96001	1	31.88	BDL	3.45	BDL	2.73	7.60	BDL	BDL	BDL	BDL	328	BDL			
02/22/96	302-96003	3	184.14	BDL	4.13	BDL	4.38	BDL	BDL	BDL	BDL	22580	4109.75	BDL			
02/22/96	302-96003	3	46.21	1.08	4.53	0.30	5.13	3.27	<0.002	0.63	2.10	170.90	17.90	BDL			
02/22/96	360-96001	1	14.49	45	66	5.7	17	53	<0.030	<1.0	<1.0	335	86000	BDL			
02/22/96	415-96001	5	89.29	<4.8	28	<3.6	40	<15	0.30	<4.4	<28	BDL	3200	BDL			
02/22/96	464-96001	3	56.20	BDL	7.83	BDL	3.14	21.5	BDL	BDL	BDL	2228.14	23.44	BDL			
02/23/96	105-96004	1	72.86	<1.0	<20	<2.0	<3.0	<15	<0.25	<50	<2.0	10400	560	BDL			
02/23/96	114-96028	1	5.18	BDL	25	BDL	7.2	9.5	BDL	BDL	BDL	BDL	2980	BDL			
02/23/96	114-96029	1	0.50	BDL	22.0	BDL	22.3	34.5	BDL	BDL	BDL	2260	76400	BDL			
02/23/96	415-96001	5	180.51	<4.8	28	<3.6	40	<15	0.30	<4.4	<28	BDL	3200	BDL			
02/23/96	464-96001	3	178.67	BDL	7.83	BDL	3.14	21.5	BDL	BDL	BDL	2228.14	23.44	BDL			
02/23/96	553-96005	1	3.80	BDL	27.0	3.00	13.0	396	0.304	BDL	BDL	532	3484	BDL			
02/24/96	248-96001	1	32.05	130	700	BDL	66	310	<23	BDL	<28	226000	190000	BDL			
02/24/96	415-96002	5	235.57	<4.8	28	<3.6	40	45	0.30	<4.4	<28	BDL	3200	BDL			
02/26/96	103-96007	1	6.50	BDL	2	BDL	4	1.3	0.07	BDL	BDL	1036	774	BDL			
02/26/96	114-96027	1	13.37	BDL	27.0	1.63	38.0	138	BDL	BDL	BDL	BDL	120	BDL			
02/26/96	203-96020	1	1.75	0.126	15.0	<0.050	11.1	59.2	<0.010	0.0542	3.88	362	628	BDL			
02/26/96	248-96001	1	26.10	130	700	BDL	66	310	<23	BDL	<28	226000	190000	BDL			
02/26/96	415-96001	5	23.24	<4.8	28	<3.6	40	<15	0.30	<4.4	<28	BDL	3200	BDL			
02/26/96	553-96006	1	3.40	2.02	59.84	2.35	15.83	80.10	<0.005	<0.002	<0.05	1560	10218	.012			
02/26/96	622-96001	1	3.33	1.76	5.69	BDL	5.41	2.05	BDL	BDL	BDL	BDL	10818	BDL			

775.900(2) 20C 0.23 0.06 3.04 1.3 BDL 0.06 BDL BDL 12 BDL

* SEE ATTACHMENT "A"

VOA = PPB
RPH = PPM
VOH = PPM

Soil Thermal Treatment Facility Untreated Soil Reporting Form

Month: FEBRUARY Year: 1996

Name of Facility: RINKER MATERIALS CORP.
Air Permit No.: A013-172164
Soil Treatment Permit No.: SW-01117-91
Stationary 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 cwt/lb	Analytical Results										Totals			
				AS	BA	CD	CR	PB	HG	SE	AG	VOA	RPH	VOH	Indicate Other Analyses Attach Lab Results Only		
02/27/96	103-96008	1	13.96	BDL	10	BDL	4	0.9	BDL	BDL	BDL	1193	58	BDL			
02/27/96	203-96021	3	175.58	2.69	7.26	0.14	4.13	14.60	0.0630	0.0883	<0.0500	67.90	269.40	BDL			
02/27/96	203-96022	1	2.15	BDL	2.0	BDL	4.6	5.0	BDL	BDL	BDL	BDL	BDL	BDL			
02/27/96	248-96001	1	26.90	130	700	BDL	66	310	<23	BDL	<28	226000	190000	BDL			
02/27/96	489-96003	1	93.82	<10	7.2	<0.50	5.9	<5.0	<0.030	<1.0	<1.0	170	15000	BDL			
02/27/96	217-96002	4	15.00	BDL	4.13	BDL	4.38	BDL	BDL	BDL	BDL	22590	4109.75	BDL			
02/27/96	248-96001	1	29.11	130	700	BDL	66	310	<23	BDL	<28	226000	190000	BDL			
02/28/96	342-96006	1	0.44	13	38	33	200	40	<0.28	<4.4	<20	BDL	2000	BDL			
02/28/96	429-96001	1	80.76	<4.8	<20	<3.6	7.7	17	<0.28	<4.4	<28	BDL	15500	BDL			
02/28/96	568-96001	1	0.25	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	590	BDL			
02/28/96	568-96002	1	1.25	BDL	8.0	BDL	3.5	3.5	BDL	BDL	BDL	BDL	170	BDL			
02/28/96	568-96003	1	1.50	BDL	39	BDL	11	93.7	BDL	1.50	BDL	1910	7663	BDL			
02/28/96	248-96001	1	24.86	130	700	BDL	66	310	<23	BDL	<28	226000	190000	BDL			
02/28/96	428-96001	3	34.09	3.73	4.10	BDL	7.40	2.77	7.40	BDL	BDL	BDL	42.00	BDL			
02/28/96	435-96004	1	2.49	BDL	BDL	4	49	12	BDL	BDL	BDL	BDL	BDL	200			
02/28/96	441-96001	1	13.75	BDL	BDL	BDL	4.5	11	BDL	BDL	BDL	BDL	16.500	BDL			
02/28/96	514-96003	3	193.15	3.67	BDL	15.00	6.20	25.33	BDL	BDL	1.70	BDL	360	BDL			
02/28/96	579-96002	1	9.61	BDL	.614	BDL	BDL	BDL	BDL	BDL	BDL	16299	15.95	BDL			

* SEE ATTACHMENT "A"

VOA = PPB
RPH = PPM
VOH = PPM

Totals														
Analytical Results														
Totals														
Source														
METALS														
AS														
BA														
CD														
CR														
PB														
HG														
SE														
AG														
VOA														
RPH														
8														
7														
6														
5														
4														
3														
2														
1														
Sample Number														
Amount Volume or weight														
cy/t/n														
Soil Batch ID#														
Day of Mo.														

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"

Month	February	Year	1998
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[illegible]

Month	February	Year	1996
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[illegible]

Month	February	Year	1998
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Metals Blending Report														
1		2	3	4	5				6	7	8			
Day of Mo.	Soil Batch ID#	Sample Number	Amount Volume or weight	Analytical Results										
				METALS							Totals		Source	
				AS	BA	CD	CR	PB	HG	SE	AG	VOA	RPH	
2/22/96														
untreated	360-96001 analysis													
Blending	Soil			45	66	5.7	17	53	<0.030	<10	<1.0			Blended 5-1
Blended	Soil			BDL										
				BDL										
2/19/96	363-96001													
untreated	Analysis			BDL	8.88	BDL	29.3	300	BDL	BDL	BDL			Blended 3-1
Blending	Soil							BDL						
Blended	Soil							BDL						
2/20/96	553-96004													
untreated	Analysis			BDL	BDL	1.0	BDL	110	BDL	BDL	BDL			Blended 1-1
Blending	Soil							BDL						
Blended	Soil							36						
2/21/96	114-96025													
untreated	Analysis			BDL	1900	7.8	4.1	280	BDL	BDL	BDL			Blended 2-1
Blending	Soil							BDL						
Blended	Soil							BDL						

Metals Blending Report

[illegible]

RINKER MATERIALS SUBSTITUTION

REPORT DATE 2-12-96
SAMPLE DATE 1-31-96
SAMPLE SOURCE HOMESTEAD AFB
REFERENCE # 297-96003
SAMPLE TYPE SOIL

<u>PARAMETER</u>	<u>RESULTS</u> <u>CONTAMINATED</u>	<u>RESULT</u> <u>CLEAN</u>	<u>RESULT</u> <u>BLEND</u>	<u>UNITS</u>	<u>METHOD</u>	<u>D LIMITS</u>
ARSENIC	11	BDL	BDL	mg/kg	7061	1

BLEND = 1 CONTAMINATED WITH 9 CLEAN
BDL = Below detection limit

RINKER MATERIALS SUBSTITUTION

REPORT DATE 2-27-96
SAMPLE DATE 2/2/96
SAMPLE SOURCE Shell
REFERENCE # 310-96009
SAMPLE TYPE SOIL

<u>PARAMETER</u>	<u>RESULTS</u> <u>CONTAMINATED</u>	<u>RESULT</u> <u>CLEAN</u>	<u>RESULT</u> <u>BLEND</u>	<u>UNITS</u>	<u>METHOD</u>	<u>D LIMITS</u>
LEAD	84	BDL	104	mg/kg	7420	10

BLEND = 1 CONTAMINATED WITH 1 CLEAN
BDL = Below detection limit

RINKER MATERIALS SUBSTITUTION

REPORT DATE 2-27-96
SAMPLE DATE 2-5-96
SAMPLE SOURCE ESA/NMA
REFERENCE # 114-96016
SAMPLE TYPE SOIL

<u>PARAMETER</u>	<u>RESULTS</u>	<u>RESULT</u>	<u>RESULT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>D LIMITS</u>
	<u>CONTAMINATED</u>	<u>CLEAN</u>	<u>BLEND</u>			
LEAD	879	BDL	46	mg/kg	7420	10

BLEND = 1 CONTAMINATED WITH 3 CLEAN

BDL = Below detection limit

RINKER MATERIALS SUBSTITUTION

REPORT DATE 3/13/96
SAMPLE DATE 2-5-96
SAMPLE SOURCE J & J Auto
REFERENCE # 593-9600
SAMPLE TYPE SOIL

<u>PARAMETER</u>	<u>RESULTS</u> <u>CONTAMINATED</u>	<u>RESULT</u> <u>CLEAN</u>	<u>RESULT</u> <u>BLEND</u>	<u>UNITS</u>	<u>METHOD</u>	<u>D LIMITS</u>
LEAD	2196 .	BDL	* BDL	mg/kg	7420	10

BLEND = 1 CONTAMINATED WITH 3 CLEAN

BDL = Below detection limit

* RESAMPLE

RINKER MATERIALS SUBSTITUTION

REPORT DATE 2-27-96
SAMPLE DATE 2/16/96
SAMPLE SOURCE SHELL
REFERENCE # 553-96001
SAMPLE TYPE SOIL

<u>PARAMETER</u>	<u>RESULTS</u>	<u>RESULT</u>	<u>RESULT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>D LIMITS</u>
	<u>CONTAMINATED</u>	<u>CLEAN</u>	<u>BLEND</u>			
LEAD	176	BDL	55	mg/kg	7420	10

BLEND = 1 CONTAMINATED WITH 2 CLEAN
BDL = Below detection limit

RINKER MATERIALS SUBSTITUTION

REPORT DATE 2-27-96
SAMPLE DATE 2/6/96
SAMPLE SOURCE Shell
REFERENCE # 553-96002
SAMPLE TYPE SOIL

<u>PARAMETER</u>	<u>RESULTS</u>	<u>RESULT</u>	<u>RESULT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>D LIMITS</u>
	<u>CONTAMINATED</u>	<u>CLEAN</u>	<u>BLEND</u>			
LEAD	30	BDL	54	mg/kg	7420	10

BLEND = 1 CONTAMINATED WITH 6 CLEAN

BDL = Below detection limit

RINKER MATERIALS SUBSTITUTION

REPORT DATE 2-27-96
SAMPLE DATE 2-6-96
SAMPLE SOURCE Schottenstein
REFERENCE # 618-96001
SAMPLE TYPE SOIL

<u>PARAMETER</u>	<u>RESULTS</u>	<u>RESULT</u>	<u>RESULT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>D LIMITS</u>
	<u>CONTAMINATED</u>	<u>CLEAN</u>	<u>BLEND</u>			
ARSENIC	BDL	BDL	BDL	mg/kg	7061	1
CHROMIUM	620	BDL	BDL	mg/kg	7190	10

BLEND = 1 CONTAMINATED WITH 3 CLEAN

BDL = Below detection limit

RINKER MATERIALS SUBSTITUTION

REPORT DATE 2-27-96
SAMPLE DATE 2-9-96
SAMPLE SOURCE Berland EQ
REFERENCE # 254-96002
SAMPLE TYPE SOIL

<u>PARAMETER</u>	<u>RESULTS</u>	<u>RESULT</u>	<u>RESULT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>D LIMITS</u>
	<u>CONTAMINATED</u>	<u>CLEAN</u>	<u>BLEND</u>			
LEAD	701	BDL	47	mg/kg	7420	10
CHROMIUM	124	BDL	BDL	mg/kg	7190	10

BLEND = 1 CONTAMINATED WITH 4 CLEAN

BDL = Below detection limit

RINKER MATERIALS SUBSTITUTION

REPORT DATE 2-27-96
SAMPLE DATE 2-10-96
SAMPLE SOURCE Coastal Truck
REFERENCE # 344-96002
SAMPLE TYPE SOIL

<u>PARAMETER</u>	<u>RESULTS</u>	<u>RESULT</u>	<u>RESULT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>D LIMITS</u>
	<u>CONTAMINATED</u>	<u>CLEAN</u>	<u>BLEND</u>			
LEAD	20	BDL	53	mg/kg	7420	10

BLEND = 1 CONTAMINATED WITH 3 CLEAN

BDL = Below detection limit

RINKER MATERIALS SUBSTITUTION

REPORT DATE 2-27-96
SAMPLE DATE 2-14-96
SAMPLE SOURCE Walgreens
REFERENCE # MM53
SAMPLE TYPE SOIL

<u>PARAMETER</u>	<u>RESULTS</u>	<u>RESULT</u>	<u>RESULT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>D LIMITS</u>
	<u>CONTAMINATED</u>	<u>CLEAN</u>	<u>BLEND</u>			
LEAD	102	BDL	82	mg/kg	7420	10

BLEND = 1 CONTAMINATED WITH 5 CLEAN
BDL = Below detection limit

RINKER MATERIALS SUBSTITUTION

REPORT DATE 2-27-96
SAMPLE DATE 2/16/96
SAMPLE SOURCE Amoco
REFERENCE # 140-96004
SAMPLE TYPE SOIL

<u>PARAMETER</u>	<u>RESULTS</u>	<u>RESULT</u>	<u>RESULT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>D LIMITS</u>
	<u>CONTAMINATED</u>	<u>CLEAN</u>	<u>BLEND</u>			
LEAD	450	BDL	36	mg/kg	7420	10

BLEND = 1 CONTAMINATED WITH 1 CLEAN
BDL = Below detection limit

RINKER MATERIALS SUBSTITUTION

REPORT DATE 3/7/96
SAMPLE DATE 2/19/96
SAMPLE SOURCE VOC
REFERENCE # 114-96017
SAMPLE TYPE SOIL

<u>PARAMETER</u>	<u>RESULTS</u> <u>CONTAMINATED</u>	<u>RESULT</u> <u>CLEAN</u>	<u>RESULT</u> <u>BLEND</u>	<u>UNITS</u>	<u>METHOD</u>	<u>D LIMITS</u>
LEAD	552	BDL	34	mg/kg	7420	10

BLEND = 1 CONTAMINATED WITH 3 CLEAN
BDL = Below detection limit

RINKER MATERIALS SUBSTITUTION

REPORT DATE 3/7/96
SAMPLE DATE 2/19/96
SAMPLE SOURCE VOC
REFERENCE # 114-96018
SAMPLE TYPE SOIL

<u>PARAMETER</u>	<u>RESULTS</u> <u>CONTAMINATED</u>	<u>RESULT</u> <u>CLEAN</u>	<u>RESULT</u> <u>BLEND</u>	<u>UNITS</u>	<u>METHOD</u>	<u>D LIMITS</u>
LEAD	40	BDL	29	mg/kg	7420	10
CADMIUM	14	BDL	BDL	mg/kg	7131	10

BLEND = 1 CONTAMINATED WITH 2 CLEAN

BDL = Below detection limit

RINKER MATERIALS SUBSTITUTION

REPORT DATE 3/7/96

SAMPLE DATE 2-19-96

SAMPLE SOURCE U.S. SUGAR

REFERENCE # ~~114-96001~~ 360-96001 (TAG)

SAMPLE TYPE SOIL

<u>PARAMETER</u>	<u>RESULTS</u> <u>CONTAMINATED</u>	<u>RESULT</u> <u>CLEAN</u>	<u>RESULT</u> <u>BLEND</u>	<u>UNITS</u>	<u>METHOD</u>	<u>D LIMITS</u>
ARSENIC	BDL	BDL	BDL	mg/kg	7061	1

BLEND = 1 CONTAMINATED WITH 5 CLEAN

BDL = Below detection limit

RINKER MATERIALS SUBSTITUTION

REPORT DATE 3/13/96
SAMPLE DATE 2/16/96
SAMPLE SOURCE DAP
REFERENCE # 363-96001
SAMPLE TYPE SOIL

<u>PARAMETER</u>	<u>RESULTS</u> <u>CONTAMINATED</u>	<u>RESULT</u> <u>CLEAN</u>	<u>RESULT</u> <u>BLEND</u>	<u>UNITS</u>	<u>METHOD</u>	<u>D LIMITS</u>
LEAD	176	BDL	*BDL	mg/kg	7420	10

BLEND = 1 CONTAMINATED WITH 3 CLEAN

BDL = Below detection limit

*RESAMPLE

RINKER MATERIALS SUBSTITUTION

REPORT DATE 3/7/96
SAMPLE DATE 2/20/96
SAMPLE SOURCE SHELL
REFERENCE # 553-96004
SAMPLE TYPE SOIL

<u>PARAMETER</u>	<u>RESULTS</u> <u>CONTAMINATED</u>	<u>RESULT</u> <u>CLEAN</u>	<u>RESULT</u> <u>BLEND</u>	<u>UNITS</u>	<u>METHOD</u>	<u>D LIMITS</u>
LEAD	29	BDL	38	mg/kg	7420	10

BLEND = 1 CONTAMINATED WITH 1 CLEAN

BDL = Below detection limit

RINKER MATERIALS SUBSTITUTION

REPORT DATE 3/7/96
SAMPLE DATE 2-21-96
SAMPLE SOURCE MDTA
REFERENCE # 114-96025
SAMPLE TYPE SOIL

<u>PARAMETER</u>	<u>RESULTS</u> <u>CONTAMINATED</u>	<u>RESULT</u> <u>CLEAN</u>	<u>RESULT</u> <u>BLEND</u>	<u>UNITS</u>	<u>METHOD</u>	<u>D LIMITS</u>
LEAD	66	BDL	BDL	mg/kg	7420	10

BLEND = 1 CONTAMINATED WITH 2 CLEAN

BDL = Below detection limit

RINKER MATERIALS SUBSTITUTION

REPORT DATE 3/7/96
SAMPLE DATE 2/23/96
SAMPLE SOURCE SHELL
REFERENCE # 553-96005
SAMPLE TYPE SOIL

<u>PARAMETER</u>	<u>RESULTS</u> <u>CONTAMINATED</u>	<u>RESULT</u> <u>CLEAN</u>	<u>RESULT</u> <u>BLEND</u>	<u>UNITS</u>	<u>METHOD</u>	<u>D LIMITS</u>
LEAD	268	BDL	BDL	mg/kg	7420	10

BLEND = 1 CONTAMINATED WITH 4 CLEAN
BDL = Below detection limit

RINKER MATERIALS SUBSTITUTION

REPORT DATE 3/7/96
SAMPLE DATE 2-23-96
SAMPLE SOURCE FPL
REFERENCE # 248-96001
SAMPLE TYPE SOIL

<u>PARAMETER</u>	<u>RESULTS</u> <u>CONTAMINATED</u>	<u>RESULT</u> <u>CLEAN</u>	<u>RESULT</u> <u>BLEND</u>	<u>UNITS</u>	<u>METHOD</u>	<u>D LIMITS</u>
ARSENIC	BDL	BDL	BDL	mg/kg	7061	1
LEAD	38	BDL	12	mg/kg	7420	10
CHROMIUM	BDL	BDL	BDL	mg/kg	7190	10

BLEND = 1 CONTAMINATED WITH 13 CLEAN

BDL = Below detection limit

RINKER MATERIALS SUBSTITUTION

REPORT DATE 3/7/96
SAMPLE DATE 2/26/96
SAMPLE SOURCE HESS
REFERENCE # 114-96027
SAMPLE TYPE SOIL

<u>PARAMETER</u>	<u>RESULTS</u> <u>CONTAMINATED</u>	<u>RESULT</u> <u>CLEAN</u>	<u>RESULT</u> <u>BLEND</u>	<u>UNITS</u>	<u>METHOD</u>	<u>D LIMITS</u>
LEAD	48	BDL	BDL	mg/kg	7420	10

BLEND = 1 CONTAMINATED WITH 2 CLEAN
BDL = Below detection limit

RINKER MATERIALS SUBSTITUTION

REPORT DATE 3/7/96
SAMPLE DATE 2/28/96
SAMPLE SOURCE FPL-CUTLER PLANT
REFERENCE # 342-96006
SAMPLE TYPE SOIL

<u>PARAMETER</u>	<u>RESULTS</u> <u>CONTAMINATED</u>	<u>RESULT</u> <u>CLEAN</u>	<u>RESULT</u> <u>BLEND</u>	<u>UNITS</u>	<u>METHOD</u>	<u>D LIMITS</u>
ARSENIC	BDL	BDL	BDL	mg/kg	7061	1
CHROMIUM	512	BDL	10	mg/kg	7190	10

BLEND = 1 CONTAMINATED WITH 4 CLEAN
BDL = Below detection limit

Untreated Soil Reporting Form

Facility Rinker Materials Corporation
Air Permit No.: A013-172154
Soil Treatment Permit No.: SW-0117-91
Stationary XXX

Month February Year 1996

ATTACHMENT "B"

Date	Batch No.	Source	Soil Content PCB's	Tons	PCB Oil Concentration	Lb. PCB per Batch	YTD Lbs. PCB
Continuation from January 1996							1.5486 lbs.

No Activity during the month of February 1996.