

US EPA ARCHIVE DOCUMENT

SECTION 6: OTHER STREAM RATES

1. COMPANY: DOW CHEMICAL CO.

2. STATE: MI

3. CITY: MIDLAND

EPA MID000724724

REGION: 5

4. EP ID: 353 DEVICE NAME: UNIT 703

SYSTEM TYPE: ONSITE INCINERATOR

APC SYSTEM: QC/VS/DM/ESP

353C1R3						
353C1R4						
353C2R1						
353C2R2						
353C2R3						
353C2R4						

SECTION 6: OTHER STREAM RATES

1. COMPANY: DOW CHEMICAL CO.
 2. STATE: MI
 3. CITY: MIDLAND EPA MID000724724 REGION: 5
 4. EP ID: 354 DEVICE NAME: UNIT 830 SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: QC/AS/VIS/DM/IWS

5. Type: BA ASH

6. Description: INCINERATOR

Additional ID Information

Process Group: ROTARY KILN Location: ALL CHAMBERS Phase: SOLID

Feed Stream Information

Feed Mechanism: NA Feed Location: NA
 Manufacturer: NA Number of Burners: NA

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
354C1R1						
354C1R2						
354C1R3						
354C1R4						
354C2R1						
354C2R2						
354C2R3						
354C2R4						
354C3R1						
354C3R2						
354C3R3						
354C3R4						
354C4R1						
354C4R2						
354C4R3						
354C4R4						
354C4R5						

5. Type: BLOWDOWN

6. Description: DEMISTER EXIT WATER

Additional ID Information

Process Group: ROTARY KILN Location: DEMISTER Phase: LIQUID

Feed Stream Information

Feed Mechanism: NA Feed Location: NA
 Manufacturer: NA Number of Burners: NA

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
354C1R1						.6
354C1R2						.7
354C1R3						.7
354C1R4						.8
354C2R1						.2
354C2R2						.2
354C2R3						.2
354C2R4						.2
354C3R1						1.4
354C3R2						1.5
354C3R3						1.3
354C3R4						1.2
354C4R1						5.1
354C4R2						5.5
354C4R3						4.9
354C4R4						5
354C4R5						4.3

6. Description: IWS EXIT WATER

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SECTION 6: OTHER STREAM RATES

1. COMPANY: DOW CHEMICAL CO.
 2. STATE: MI
 3. CITY: MIDLAND EPA MID000724724 REGION: 5
 4. EP ID: 354 DEVICE NAME: UNIT 830 SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: QC/AS/VIS/DM/IWS

Additional ID Information

Process Group: ROTARY KILN Location: IONIZING WET SCRUBBE Phase: LIQUID

Feed Stream Information

Feed Mechanism: NA Feed Location: NA
 Manufacturer: NA Number of Burners: NA

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
354C1R1						
354C1R2						
354C1R3						
354C1R4						
354C2R1						
354C2R2						
354C2R3						
354C2R4						
354C3R1						
354C3R2						
354C3R3						
354C3R4						
354C4R1						
354C4R2						
354C4R3						
354C4R4						
354C4R5						

6. Description: QUENCH WATER EXIT

Additional ID Information

Process Group: ROTARY KILN Location: QUENCH COLUMN Phase: LIQUID

Feed Stream Information

Feed Mechanism: NA Feed Location: NA
 Manufacturer: NA Number of Burners: NA

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
354C1R1						
354C1R2						
354C1R3						
354C1R4						
354C2R1						
354C2R2						
354C2R3						
354C2R4						
354C3R1						
354C3R2						
354C3R3						
354C3R4						
354C4R1						.2
354C4R2						.2
354C4R3						.2
354C4R4						.2
354C4R5						.2

5. Type: FUEL

6. Description: BURNER1, DIESEL/POHC

Additional ID Information

Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: MULTI-FUEL BURNER Feed Location: HIGH END
 Manufacturer: ? Number of Burners: 1

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)

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SECTION 6: OTHER STREAM RATES

1. COMPANY: DOW CHEMICAL CO.
 2. STATE: MI
 3. CITY: MIDLAND
 4. EP ID: 354 DEVICE NAME: UNIT 830
 EPA ID: MID000724724
 SYSTEM TYPE: ONSITE INCINERATOR
 REGION: 5
 APC SYSTEM: QC/AS/VS/DM/IWS

354C1R1	1620 lbs/hr		9420	Btu/lb	.9	65.5	
354C1R2	1860 lbs/hr		10000	Btu/lb	1	66.1	
354C1R3	1860 lbs/hr		9980	Btu/lb	1	65.5	
354C1R4	1920 lbs/hr		9940	Btu/lb	.9	65.5	
354C2R1	744 lbs/hr		10500	Btu/lb	1.1	65.5	
354C2R2	744 lbs/hr		10500	Btu/lb	1.1	65.5	
354C2R3	768 lbs/hr		10800	Btu/lb	1.1	65.5	
354C2R4	774 lbs/hr		10600	Btu/lb	1.1	65.5	

6. Description: BURNER2, DIESEL/POHC

Additional ID Information

Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: MULTI-FUEL BURNER Feed Location: HIGHEND
 Manufacturer: ? Number of Burners: 1

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
354C1R1	1638 lbs/hr		9420 Btu/lb	.9	65.5	
354C1R2	1620 lbs/hr		10000 Btu/lb	1	66.1	
354C1R3	1878 lbs/hr		9980 Btu/lb	1	65.5	
354C1R4	1920 lbs/hr		9940 Btu/lb	.9	65.5	
354C2R1	744 lbs/hr		10500 Btu/lb	1.1	65.5	
354C2R2	744 lbs/hr		10500 Btu/lb	1.1	65.5	
354C2R3	768 lbs/hr		10800 Btu/lb	1.1	65.5	
354C2R4	816 lbs/hr		10600 Btu/lb	1.1	65.5	

6. Description: BURNER4, DIESEL/POHC

Additional ID Information

Process Group: ROTARY KILN Location: SECONDARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: MULTI-FUEL BURNER Feed Location: SIDE WALL
 Manufacturer: ? Number of Burners: 1

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
354C1R1	1764 lbs/hr		9420 Btu/lb	.9	65.5	
354C1R2	1800 lbs/hr		10000 Btu/lb	1	66.1	
354C1R3	1650 lbs/hr		9980 Btu/lb	1	65.5	
354C1R4	1620 lbs/hr		9940 Btu/lb	.9	65.5	
354C2R1	1320 lbs/hr		10500 Btu/lb	1.1	65.5	
354C2R2	1320 lbs/hr		10500 Btu/lb	1.1	65.5	
354C2R3	1320 lbs/hr		10800 Btu/lb	1.1	65.5	
354C2R4	1368 lbs/hr		10600 Btu/lb	1.1	65.5	

6. Description: BURNER5, DIESEL/POHC

Additional ID Information

Process Group: ROTARY KILN Location: SECONDARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: MULTI-FUEL BURNER Feed Location: SIDE WALL
 Manufacturer: ? Number of Burners: 1

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
354C2R1	1320 lbs/hr		10500 Btu/lb	1.1	65.5	
354C2R2	1320 lbs/hr		10500 Btu/lb	1.1	65.5	
354C2R3	1320 lbs/hr		10800 Btu/lb	1.1	65.5	
354C2R4	1332 lbs/hr		10600 Btu/lb	1.1	65.5	

5. Type: WASTE

6. Description: BURNER 1&2. POHC

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1. COMPANY: DOW CHEMICAL CO.
 2. STATE: MI
 3. CITY: MIDLAND
 4. EP ID: 354 DEVICE NAME: UNIT 830

EPA ID: MID000724724
 SYSTEM TYPE: ONSITE INCINERATOR

REGION: 5

APC SYSTEM: QC/AS/VS/DM/IWS

Additional ID Information

Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: MULTI-FUEL BURNER Feed Location: HIGHEND
 Manufacturer: ? Number of Burners: 2

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
354C1R1	85 lbs/hr				82.3	
354C1R2	74 lbs/hr				81.1	
354C1R3	87 lbs/hr				81.1	
354C1R4	93 lbs/hr				81.1	
354C2R1	128 lbs/hr				99.2	
354C2R2	127 lbs/hr				99.2	
354C2R3	130 lbs/hr				99.2	
354C2R4	107 lbs/hr				99.2	
354C3R1	93 lbs/hr				81.1	
354C3R2	132 lbs/hr				81.1	
354C3R3	95 lbs/hr				81.1	
354C3R4	97 lbs/hr				81.1	

6. Description: BURNER 2-METHANOL

Additional ID Information

Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: MULTI-FUEL BURNER Feed Location: HIGHEND
 Manufacturer: ? Number of Burners: 1

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
354C3R1	1608 lbs/hr		9340 Btu/lb	.8	49.3	
354C3R2	1620 lbs/hr		9680 Btu/lb	.8	49.3	
354C3R3	1416 lbs/hr		9450 Btu/lb	.7	49.3	
354C3R4	1320 lbs/hr		9500 Btu/lb	.7	49.3	
354C4R1	1434 lbs/hr		9480 Btu/lb	.7	49.3	
354C4R2	1500 lbs/hr		9370 Btu/lb	.7	49.3	
354C4R3	1794 lbs/hr		9500 Btu/lb	.7	49.3	
354C4R4	1800 lbs/hr		9510 Btu/lb	.7	49.3	
354C4R5	1800 lbs/hr		9140 Btu/lb	.7	49.3	

6. Description: BURNER 4-METHANOL

Additional ID Information

Process Group: ROTARY KILN Location: SECONDARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: MULTI-FUEL BURNER Feed Location: SIDE WALL
 Manufacturer: ? Number of Burners: 1

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
354C3R1	1668 lbs/hr		9340 Btu/lb	.8	49.3	
354C3R2	1620 lbs/hr		9680 Btu/lb	.8	49.3	
354C3R3	1560 lbs/hr		9450 Btu/lb	.7	49.3	
354C3R4	1560 lbs/hr		9500 Btu/lb	.7	49.3	
354C4R1	960 lbs/hr		9480 Btu/lb	.7	49.3	
354C4R2	960 lbs/hr		9370 Btu/lb	.7	49.3	
354C4R3	1032 lbs/hr		9500 Btu/lb	.7	49.3	
354C4R4	1020 lbs/hr		9510 Btu/lb	.7	49.3	
354C4R5	1020 lbs/hr		9140 Btu/lb	.7	49.3	

6. Description: BURNER 4-POHC

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SECTION 6: OTHER STREAM RATES

1. COMPANY: DOW CHEMICAL CO.
 2. STATE: MI
 3. CITY: MIDLAND
 4. EP ID: 354 DEVICE NAME: UNIT 830

EPA ID: MID000724724
 SYSTEM TYPE: ONSITE INCINERATOR

REGION: 5
 APC SYSTEM: QC/AS/VS/DM/IWS

Additional ID Information

Process Group: ROTARY KILN Location: SECONDARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: MULTI-FUEL BURNER Feed Location: SIDE WALL
 Manufacturer: ? Number of Burners: 1

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
354C1R1	43 lbs/hr				81.1	
354C1R2	38 lbs/hr				80.5	
354C1R3	43 lbs/hr				77.3	
354C1R4	39 lbs/hr				76.7	
354C3R1	93 lbs/hr				80.5	
354C3R2	98 lbs/hr				81.1	
354C3R3	94 lbs/hr				81.1	
354C3R4	93 lbs/hr				81.7	

6. Description: BURNER 5-METHANOL

Additional ID Information

Process Group: ROTARY KILN Location: SECONDARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: MULTI-FUEL BURNER Feed Location: SIDE WALL
 Manufacturer: ? Number of Burners: 1

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
354C3R1	1668 lbs/hr		9340 Btu/lb	.8	49.3	
354C3R2	1620 lbs/hr		9680 Btu/lb	.8	49.3	
354C3R3	1566 lbs/hr		9450 Btu/lb	.7	49.3	
354C3R4	1620 lbs/hr		9500 Btu/lb	.7	49.3	
354C4R1	1020 lbs/hr		9480 Btu/lb	.7	49.3	
354C4R2	1020 lbs/hr		9370 Btu/lb	.7	49.3	
354C4R3	1032 lbs/hr		9500 Btu/lb	.7	49.3	
354C4R4	1020 lbs/hr		9510 Btu/lb	.7	49.3	
354C4R5	1020 lbs/hr		9140 Btu/lb	.7	49.3	

6. Description: CHLOROSILANES, BURN1

Additional ID Information

Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: MULTI-FUEL BURNER Feed Location: HIGHEND
 Manufacturer: ? Number of Burners: NA

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
354C4R1	1620 lbs/hr		7170 Btu/lb			30
354C4R2	1620 lbs/hr		7170 Btu/lb			30
354C4R3	1314 lbs/hr		8400 Btu/lb			25
354C4R4	1308 lbs/hr		8400 Btu/lb			25
354C4R5	1308 lbs/hr		8400 Btu/lb			25

6. Description: CHLOROSILANES, BURN2

Additional ID Information

Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: MULTI-FUEL BURNER Feed Location: HIGHEND
 Manufacturer: ? Number of Burners: 1

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
354C4R1	1608 lbs/hr		7170 Btu/lb			30
354C4R2	1584 lbs/hr		7170 Btu/lb			30
354C4R3	1230 lbs/hr		8400 Btu/lb			25
354C4R4	1218 lbs/hr		8400 Btu/lb			25

SECTION 6: OTHER STREAM RATES

1. COMPANY: DOW CHEMICAL CO.
 2. STATE: MI
 3. CITY: MIDLAND
 4. EP ID: 354 DEVICE NAME: UNIT 830

EPA ID: MID000724724
 SYSTEM TYPE: ONSITE INCINERATOR
 APC SYSTEM: QC/AS/VS/DM/IWS

REGION: 5

354C4R5	1218 lbs/hr		8400	Btu/lb		25
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6. Description: INCLUDES FUEL

Additional ID Information

Process Group: ROTARY KILN Location: ALL CHAMBERS Phase: SLUDGE

Feed Stream Information

Feed Mechanism: LANCE Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
354C1R1						
354C1R2						
354C1R3						
354C1R4						

6. Description: PACKS

Additional ID Information

Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: SOLID

Feed Stream Information

Feed Mechanism: CONVEYOR/CHUTE Feed Location: HIGH END
 Manufacturer: ? Number of Burners: NA

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
354C1R1	5398 lbs/hr					
354C1R2	5549 lbs/hr					
354C1R3	5557 lbs/hr					
354C1R4	5329 lbs/hr					
354C2R1	12816 lbs/hr					
354C2R2	12395 lbs/hr					
354C2R3	11903 lbs/hr					
354C2R4	12107 lbs/hr					
354C3R1	9978 lbs/hr					
354C3R2	9262 lbs/hr					
354C3R3	8991 lbs/hr					
354C3R4	9220 lbs/hr					
354C4R1	5591 lbs/hr					
354C4R2	5774 lbs/hr					
354C4R3	5429 lbs/hr					
354C4R4	5203 lbs/hr					
354C4R5	5214 lbs/hr					

6. Description: WASTEWATER TREATMENT

Additional ID Information

Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: SLUDGE

Feed Stream Information

Feed Mechanism: LANCED LIQUID Feed Location: HIGH END
 Manufacturer: ? Number of Burners: NA

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
354C1R1	3794 lbs/hr	47	1320 Btu/lb			38
354C1R2	3794 lbs/hr	47	1040 Btu/lb			42
354C1R3	3827 lbs/hr	46	1190 Btu/lb			39
354C1R4	3827 lbs/hr	46	1230 Btu/lb			40

6. Description: WATER NOZZLE SOLN

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SECTION 6: OTHER STREAM RATES

1. COMPANY: DOW CHEMICAL CO.

2. STATE: MI

3. CITY: MIDLAND

4. EP ID: 354 DEVICE NAME: UNIT 830

EPA ID: MID000724724

SYSTEM TYPE: ONSITE INCINERATOR

REGION: 5

APC SYSTEM: QC/AS/VS/DM/IWS

Additional ID Information

Process Group: ROTARY KILN

Location: PRIMARY CHAMBER

Phase: LIQUID

Feed Stream Information

Feed Mechanism: ATOMIZED LIQUIDS

Feed Location: HIGHEND

Manufacturer: ?

Number of Burners: NA

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft ³	Ash (%)
354C2R1	2502 lbs/hr					
354C2R2	2502 lbs/hr					
354C2R3	2502 lbs/hr					
354C2R4	2499 lbs/hr					
354C3R1	3156 lbs/hr			3	81.7	36
354C3R2	3150 lbs/hr			2.9	82.3	35
354C3R3	3198 lbs/hr			3.1	82.3	35
354C3R4	3198 lbs/hr			3	82.3	35
354C4R1	500 lbs/hr					
354C4R2	500 lbs/hr					
354C4R3	1151 lbs/hr					
354C4R4	1001 lbs/hr					
354C4R5	1001 lbs/hr					

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SECTION 6: OTHER STREAM RATES

1. COMPANY: DOW CHEMICAL CO.

2. STATE: TX

3. CITY: FREEPORT

4. EP ID: 600 DEVICE NAME:

EPA ID: TXD008092793

SYSTEM TYPE: ONSITE INCINERATOR

REGION: 6

APC SYSTEM: WHB/QC/PT/IWS

5. Type: BA ASH

6. Description: KILN

Additional ID Information

Process Group: ROTARY KILN

Location: PRIMARY CHAMBER

Phase: SOLID

Feed Stream Information

Feed Mechanism: NA

Feed Location: NA

Manufacturer: NA

Number of Burners: NA

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
600C1R1		12				88
600C1R2						
600C1R3		22				78
600C2R1						
600C2R2		21				79
600C2R3		18				82

5. Type: BLOWDOWN

6. Description: IWS EFFLUENT

Additional ID Information

Process Group: ROTARY KILN

Location: IONIZING WET SCRUBBE

Phase: LIQUID

Feed Stream Information

Feed Mechanism: NA

Feed Location: NA

Manufacturer: NA

Number of Burners: NA

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
600C1R1						
600C1R2						
600C1R3						
600C2R1						
600C2R2						
600C2R3						

6. Description: SCRUBBER

Additional ID Information

Process Group: ROTARY KILN

Location: VENTURI SCRUBBER

Phase: LIQUID

Feed Stream Information

Feed Mechanism: NA

Feed Location: NA

Manufacturer: NA

Number of Burners: NA

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
600C1R1						
600C1R2						
600C1R3						
600C2R1						
600C2R2						
600C2R3						

5. Type: WASTE

6. Description: CONTAINERS-WASTE B

SECTION 6: OTHER STREAM RATES

1. COMPANY: DOW CHEMICAL CO.
 2. STATE: TX
 3. CITY: FREEPORT EPA TXD008092793 REGION: 6
 4. EP ID: 600 DEVICE NAME: SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: WHB/QC/PT/IWS

Additional ID Information

Process Group: ROTARY KILN Location: ALL CHAMBERS Phase: SOLID

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
600C1R1	2000 lbs/hr					
600C1R2	2000 lbs/hr					
600C1R3	2000 lbs/hr					
600C2R1	4000 lbs/hr					
600C2R2	4000 lbs/hr					
600C2R3	4000 lbs/hr					

6. Description: POHC CONTAMINATED HC

Additional ID Information

Process Group: ROTARY KILN Location: ALL CHAMBERS Phase: LIQUID

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
600C1R1	2596 lbs/hr		9205 Btu/lb			
600C1R2	2727 lbs/hr		8890 Btu/lb			
600C1R3	2592 lbs/hr		9340 Btu/lb			
600C2R1	6522 lbs/hr		9196 Btu/lb			
600C2R2	6484 lbs/hr		9069 Btu/lb			
600C2R3	6456 lbs/hr		9496 Btu/lb			

Additional ID Information

Process Group: ROTARY KILN Location: ALL CHAMBERS Phase: SOLID

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
600C1R1	1347 lbs/hr					
600C1R2	1440 lbs/hr					
600C1R3	1336 lbs/hr					

6. Description: SOIL

Additional ID Information

Process Group: ROTARY KILN Location: ALL CHAMBERS Phase: SOLID

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
600C2R1	1940 lbs/hr					
600C2R2	1381 lbs/hr					
600C2R3	1793 lbs/hr					

6. Description: WATER-WASTE E

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SECTION 6: OTHER STREAM RATES

1. COMPANY: DOW CHEMICAL CO.
 2. STATE: TX
 3. CITY: FREEPORT
 4. EP ID: 600 DEVICE NAME:

EPA ID: TXD008092793
 SYSTEM TYPE: ONSITE INCINERATOR

REGION: 6
 APC SYSTEM: WHB/QC/PT/IWS

Additional ID Information

Process Group: ROTARY KILN Location: ALL CHAMBERS Phase: LIQUID

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft ³	Ash (%)
600C1R1	998 lbs/hr					
600C1R2	994 lbs/hr					
600C1R3	1001 lbs/hr					
600C2R1	1000 lbs/hr					
600C2R2	1003 lbs/hr					
600C2R3	998 lbs/hr					

US EPA ARCHIVE DOCUMENT

SECTION 6: OTHER STREAM RATES

1. COMPANY: DUPONT
 2. STATE: DE
 3. CITY: WILMINGTON EPA ID: DED003930807 REGION: 3
 4. EP ID: 700 DEVICE NAME: INCINERATOR SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: SD/RJS/V/S/WS

5. Type: BA ASH

6. Description: BURNDOWN

Additional ID Information

Process Group: FIXED HEARTH Location: PRIMARY CHAMBER Phase: SOLID

Feed Stream Information

Feed Mechanism: NA Feed Location: NA
 Manufacturer: NA Number of Burners: NA

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
700C1R1						
700C1R2						
700C1R3						

5. Type: BLOWDOWN

6. Description: RESIDUAL

Additional ID Information

Process Group: FIXED HEARTH Location: SPRAY DRYER Phase: SOLID

Feed Stream Information

Feed Mechanism: NA Feed Location: NA
 Manufacturer: NA Number of Burners: NA

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
700C1R1	40 gpm					
700C1R2	40 gpm					
700C1R3	40 gpm					

5. Type: FUEL

6. Description: FUEL OIL

Additional ID Information

Process Group: FIXED HEARTH Location: SECONDARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: VORTEX BURNER Feed Location: FRONT OF CHAMBER
 Manufacturer: TRANE Number of Burners: 1

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
700C1R1	468 lbs/hr		19109 Btu/lb	2.8		
700C1R2	384 lbs/hr		19178 Btu/lb	3		
700C1R3	336 lbs/hr		19320 Btu/lb	3		
700C2R1	342 lbs/hr		19269 Btu/lb	2.7		
700C2R2	336 lbs/hr		19276 Btu/lb	2.8		
700C2R3	336 lbs/hr		19224 Btu/lb	2.9		

5. Type: SPIKE

6. Description: METALS 1 (AS,BE,CD,CR6,PB)

Additional ID Information

Process Group: FIXED HEARTH Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: DUAL FUEL BURNER Feed Location: ABOVE HEARTH
 Manufacturer: TRANE Number of Burners: 1

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
700C1R1	12 lbs/hr					
700C1R2	12 lbs/hr					

US EPA ARCHIVE DOCUMENT

SECTION 6: OTHER STREAM RATES

1. COMPANY: DUPONT
 2. STATE: DE
 3. CITY: WILMINGTON EPA DED003930807 REGION: 3
 4. EP ID: 700 DEVICE NAME: INCINERATOR SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: SD/RJS/V/S/WS

700C1R3	12 lbs/hr					
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6. Description: METALS 2 (AS,BE,CD,CR6,PB)

Additional ID Information

Process Group: FIXED HEARTH Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
700C1R1	12 lbs/hr					
700C1R2	12 lbs/hr					
700C1R3	13 lbs/hr					

6. Description: ORGANICS (CARBON TETRACHLORIDE)

Additional ID Information

Process Group: FIXED HEARTH Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: DUAL FUEL BURNER Feed Location: ABOVE HEARTH
 Manufacturer: TRANE Number of Burners: 1

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
700C2R1	50 lbs/hr					
700C2R2	52 lbs/hr					
700C2R3	52 lbs/hr					

6. Description: ORGANICS (MONOCHLOROBENZENE)

Additional ID Information

Process Group: FIXED HEARTH Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
700C2R1	50 lbs/hr					
700C2R2	51 lbs/hr					
700C2R3	52 lbs/hr					

5. Type: WASTE

6. Description: BONDED CELLUL PAPER

Additional ID Information

Process Group: FIXED HEARTH Location: PRIMARY CHAMBER Phase: SOLID

Feed Stream Information

Feed Mechanism: RAM FEED Feed Location: ABOVE HEARTH
 Manufacturer: BURNZOL Number of Burners: NA

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
700C2R1	13 lbs/hr		7320 Btu/lb			.5
700C2R2	13 lbs/hr		7320 Btu/lb			.5
700C2R3	13 lbs/hr		7320 Btu/lb			.5

6. Description: FUEL OIL & CCL4

US EPA ARCHIVE DOCUMENT

SECTION 6: OTHER STREAM RATES

1. COMPANY: DUPONT
 2. STATE: DE
 3. CITY: WILMINGTON EPA DED003930807 REGION: 3
 4. EP ID: 700 DEVICE NAME: INCINERATOR SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: SD/RJS/V/S/WS

Additional ID Information

Process Group: FIXED HEARTH Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: VORTEX BURNER Feed Location: ABOVE HEARTH
 Manufacturer: TRANE Number of Burners: 1

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
700C1R1	918 lbs/hr		16439 Btu/lb	2.4		
700C1R2	930 lbs/hr		16749 Btu/lb	2.5		
700C1R3	930 lbs/hr		16569 Btu/lb	2.4		
700C2R1	720 lbs/hr		19312 Btu/lb	2.7		
700C2R2	720 lbs/hr		19306 Btu/lb	2.8		
700C2R3	720 lbs/hr		19312 Btu/lb	3		

6. Description: JUG WASTE A

Additional ID Information

Process Group: FIXED HEARTH Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: GRAVITY Feed Location: ABOVE HEARTH
 Manufacturer: ? Number of Burners: NA

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
700C1R1	606 lbs/hr		19220 Btu/lb			
700C1R2	642 lbs/hr		19159 Btu/lb			
700C1R3	574 lbs/hr		19756 Btu/lb			
700C2R1	115 lbs/hr		19326 Btu/lb			
700C2R2	75 lbs/hr		19216 Btu/lb			
700C2R3	64 lbs/hr		19223 Btu/lb			

6. Description: JUG WASTE B

Additional ID Information

Process Group: FIXED HEARTH Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: GRAVITY Feed Location: ABOVE HEARTH
 Manufacturer: ? Number of Burners: NA

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
700C1R1	10 lbs/hr					
700C1R2	11 lbs/hr					
700C1R3	10 lbs/hr					

6. Description: NEWSPAPER

Additional ID Information

Process Group: FIXED HEARTH Location: PRIMARY CHAMBER Phase: SOLID

Feed Stream Information

Feed Mechanism: RAM FEED Feed Location: ABOVE HEARTH
 Manufacturer: BURNZOL Number of Burners: NA

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
700C1R1	300 lbs/hr		7833 Btu/lb			3.8
700C1R2	112 lbs/hr		7621 Btu/lb			2.5
700C1R3	150 lbs/hr		7801 Btu/lb			3.6

6. Description: WOOD CHIPS

US EPA ARCHIVE DOCUMENT

SECTION 6: OTHER STREAM RATES

1. COMPANY: DUPONT
 2. STATE: DE
 3. CITY: WILMINGTON EPA ID: DED003930807 REGION: 3
 4. EP ID: 700 DEVICE NAME: INCINERATOR SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: SD/RJS/V/S/WS

Additional ID Information

Process Group: FIXED HEARTH Location: PRIMARY CHAMBER Phase: SOLID

Feed Stream Information

Feed Mechanism: RAM FEED Feed Location: ABOVE HEARTH
 Manufacturer: BURNZOL Number of Burners: NA

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
700C2R1	1374 lbs/hr		7636 Btu/lb			.3
700C2R2	1446 lbs/hr		7636 Btu/lb			.3
700C2R3	1440 lbs/hr		7636 Btu/lb			.3

US EPA ARCHIVE DOCUMENT

SECTION 6: OTHER STREAM RATES

1. COMPANY: DUPONT
 2. STATE: KY
 3. CITY: LOUISVILLE
 4. EP ID: 356 DEVICE NAME: EPA KYD003924198 SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: QC/AS/FN/S/DM REGION: 4

5. Type: WASTE

6. Description:

Additional ID Information

Process Group: LIQUID INJECTION Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: MULTI-FUEL BURNER Feed Location: ?
 Manufacturer: THERMAL RESEARCH Number of Burners: 1

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
356C1R1	1944 lbs/hr		9966 Btu/lb			1.5
356C1R2	1966 lbs/hr		9861 Btu/lb			1.2
356C1R3	2015 lbs/hr		9616 Btu/lb			1.4

SECTION 6: OTHER STREAM RATES

1. COMPANY: DUPONT
 2. STATE: LA
 3. CITY: LA PLACE EPA LAD001890367 REGION: 6
 4. EP ID: 710 DEVICE NAME: INCINERATOR SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: QT/OS/C/S

5. Type: WASTE

6. Description:

Additional ID Information

Process Group: ROTARY KILN Location: SECONDARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: ATOMIZED LIQUID Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
710C1R1	1317 lbs/hr		7368 Btu/lb	.9	1.1	
710C1R2	1301 lbs/hr		7744 Btu/lb	.8	1.1	
710C1R3	1329 lbs/hr		7419 Btu/lb	.8	1.1	

6. Description: AQUEOUS (BRINE)

Additional ID Information

Process Group: LIQUID INJECTION Location: SINGLE CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: ATOMIZED LIQUID Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
710C1R1	581 lbs/hr		69 Btu/lb	1.1		15
710C1R2	577 lbs/hr		141 Btu/lb	1.1		15
710C1R3	577 lbs/hr		36 Btu/lb	1.1		15
710C2R1	572 lbs/hr		89 Btu/lb	1.1		15
710C2R2	579 lbs/hr		38 Btu/lb	1.1		15
710C2R3	573 lbs/hr		11 Btu/lb	1.1		14.9
710C3R1	336 lbs/hr		5 Btu/lb	1.1		14.9
710C3R2	345 lbs/hr		36 Btu/lb	1.1		14.9
710C3R3	355 lbs/hr		92 Btu/lb	1.1		14.9

6. Description: BASELOAD BURNER

Additional ID Information

Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: ATOMIZED LIQUID Feed Location: BASELOAD BURNER
 Manufacturer: TRANE THERMAL LV-10 Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
710C1R1	1229 lbs/hr		7368 Btu/lb	.9	1.1	
710C1R2	1222 lbs/hr		7744 Btu/lb	.8	1.1	
710C1R3	1205 lbs/hr		7419 Btu/lb	.8	1.1	
710C2R1	1167 lbs/hr		7494 Btu/lb	.8	1.1	
710C2R2	1101 lbs/hr		7363 Btu/lb	.8	1.1	
710C2R3	1201 lbs/hr		7482 Btu/lb	.8	1.1	
710C3R1	921 lbs/hr		7350 Btu/lb	.8	1	
710C3R2	913 lbs/hr		7305 Btu/lb	.8	1.1	
710C3R3	932 lbs/hr		7458 Btu/lb	.8	1	

6. Description: KILN BURNER

Additional ID Information

Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: ATOMIZED LIQUID Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
710C1R1	882 lbs/hr		7368 Btu/lb	.9	1.1	

SECTION 6: OTHER STREAM RATES

1. COMPANY: DUPONT
 2. STATE: LA
 3. CITY: LA PLACE
 4. EP ID: 710 DEVICE NAME: INCINERATOR EPA LAD001890367 REGION: 6
 SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: QT/OS/C/S

710C1R2	915 lbs/hr		7744	Btu/lb	.8	1.1	
710C1R3	889 lbs/hr		7419	Btu/lb	.8	1.1	
710C2R1	5 lbs/hr		7494	Btu/lb	.8	1.1	
710C2R2	4 lbs/hr		7363	Btu/lb	.8	1.1	
710C2R3	6 lbs/hr		7482	Btu/lb	.8	1.1	
710C3R1	428 lbs/hr		14032	Btu/lb	6.6	1	8.8
710C3R2	425 lbs/hr		13712	Btu/lb	6.5	1	8.7
710C3R3	424 lbs/hr		13459	Btu/lb	5.8	1	6.1

6. Description: ORGANIC

Additional ID Information

Process Group: LIQUID INJECTION Location: SINGLE CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: ATOMIZED LIQUID Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
710C1R1	3104 lbs/hr		7368 Btu/lb	.9	1.1	
710C1R2	3122 lbs/hr		7744 Btu/lb	.8	1.1	
710C1R3	3118 lbs/hr		7419 Btu/lb	.8	1.1	
710C2R1	3117 lbs/hr		7494 Btu/lb	.8	1.1	
710C2R2	3119 lbs/hr		7363 Btu/lb	.8	1.1	
710C2R3	3107 lbs/hr		7482 Btu/lb	.8	1.1	
710C3R1	1948 lbs/hr		7350 Btu/lb	.8	1	
710C3R2	1948 lbs/hr		7305 Btu/lb	.8	1.1	
710C3R3	1955 lbs/hr		7458 Btu/lb	.8	1	

Additional ID Information

Process Group: ALL DEVICES Location: ALL CHAMBERS Phase: LIQUID

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
710C1R1						
710C1R2						
710C1R3						
710C2R1						
710C2R2						
710C2R3						

6. Description: SPIKED ORGANICS (MCB)

Additional ID Information

Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: SOLID

Feed Stream Information

Feed Mechanism: ATOMIZED SOLID Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
710C1R1	928 lbs/hr					
710C1R2	935 lbs/hr					
710C1R3	934 lbs/hr					
710C2R1	3611 lbs/hr					
710C2R2	3608 lbs/hr					
710C2R3	3609 lbs/hr					
710C3R1	715 lbs/hr					
710C3R2	716 lbs/hr					
710C3R3	715 lbs/hr					

US EPA ARCHIVE DOCUMENT

SECTION 6: OTHER STREAM RATES

1. COMPANY: DUPONT
 2. STATE: NJ
 3. CITY: DEEPWATER
 4. EP ID: 339 DEVICE NAME: EPA ID: NJD002385730 REGION: 2
 SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: AT/PT/RJS/ESP

5. Type: BLOWDOWN

6. Description: SCRUBBER

Additional ID Information

Process Group: INCINERATOR Location: SCRUBBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: NA Feed Location: NA
 Manufacturer: NA Number of Burners: NA

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
339C1R1						
339C1R2						
339C1R3						
339C1R4						

5. Type: WASTE

6. Description:

Additional ID Information

Process Group: INCINERATOR Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
339C1R1	2130 lbs/hr	21.2	7936 Btu/lb	50	69	2
339C1R2	2208 lbs/hr	20.7	7851 Btu/lb	12.9	69	2
339C1R3		21.7	8023 Btu/lb	14	69.1	2
339C1R4	2142 lbs/hr	21.4	7884 Btu/lb	49.7	69	2.1
339C1R5		22.1		14.6	69.1	2
339C1R6		22.4		52.3	69	2.1

SECTION 6: OTHER STREAM RATES

1. COMPANY: DUPONT
 2. STATE: TX
 3. CITY: LA PORTE EPA TXD008079212 REGION: 6
 4. EP ID: 350 DEVICE NAME: VINYL INCINERATOR SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: WHB/HE/FF

5. Type: SPIKE

6. Description: ORGANICS (P-BENZOQUIONE)

Additional ID Information

Process Group: LIQUID INJECTION Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
350C1R1	42 gpm					
350C1R2	45 gpm					
350C1R3	43 gpm					
350C2R1	43 gpm					
350C2R2	45 gpm					
350C2R3	49 gpm					
350C3R1	41 gpm					
350C3R2	43 gpm					
350C3R3	42 gpm					
350C4R1	23 gpm					
350C4R2	15 gpm					
350C4R3	15 gpm					
350C5R1	37 gpm					
350C5R2	30 gpm					
350C5R3	42 gpm					
350C6R1	13 gpm					
350C6R2	3 gpm					
350C6R3	20 gpm					
350C7R1	30 gpm					
350C7R2	30 gpm					
350C7R3	30 gpm					
350C7R4						
350C8R1	20 gpm					
350C8R2	21 gpm					
350C8R3	27 gpm					
350C9R1	19 gpm					
350C9R2	20 gpm					
350C9R3	22 gpm					

5. Type: WASTE

6. Description: CO2 PURGE GAS

Additional ID Information

Process Group: LIQUID INJECTION Location: PRIMARY CHAMBER Phase: GAS

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
350C1R1	6290 lbs/hr					
350C1R2	6030 lbs/hr					
350C1R3	6100 lbs/hr					
350C2R1	6270 lbs/hr					
350C2R2	6290 lbs/hr					
350C2R3	6150 lbs/hr					
350C3R1	6470 lbs/hr					
350C3R2	6690 lbs/hr					
350C3R3	6580 lbs/hr					
350C4R1	6740 lbs/hr					
350C4R2	6740 lbs/hr					
350C4R3	6550 lbs/hr					

6. Description: LIGHT ORGANICS

US EPA ARCHIVE DOCUMENT

SECTION 6: OTHER STREAM RATES

1. COMPANY: DUPONT
 2. STATE: TX
 3. CITY: LA PORTE
 4. EP ID: 350 DEVICE NAME: VINYL INCINERATOR EPA ID: TXD008079212 REGION: 6
 SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: WHB/HE/FF

Additional ID Information

Process Group: LIQUID INJECTION Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: ATOMIZED LIQUID Feed Location: MIDDLE OF CHAMBER
 Manufacturer: ? Number of Burners: 1

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
350C1R1	749 lbs/hr		8046 Btu/lb	1.2	58.4	
350C1R2	748 lbs/hr		8894 Btu/lb	1.7	58.3	
350C1R3	744 lbs/hr		8592 Btu/lb	1.5	58	
350C2R1	2111 lbs/hr		8414 Btu/lb	1.3	58.5	
350C2R2	2111 lbs/hr		7944 Btu/lb	1.4	58.5	
350C2R3	2104 lbs/hr		9212 Btu/lb	1.3	58.3	
350C3R1	730 lbs/hr		5461 Btu/lb	.7	56.9	
350C3R2	731 lbs/hr		7292 Btu/lb	1.2	57	
350C3R3	739 lbs/hr		7690 Btu/lb	1.3	57.6	
350C4R1	2104 lbs/hr		7682 Btu/lb	1.2	58.3	
350C4R2	2086 lbs/hr		4450 Btu/lb	1.1	57.8	
350C4R3	2032 lbs/hr		6700 Btu/lb	1	56.3	
350C5R1	768 lbs/hr		5304 Btu/lb	1.4	59.9	
350C5R2	739 lbs/hr		8570 Btu/lb	.8	57.6	
350C5R3	753 lbs/hr		7315 Btu/lb	1.3	58.7	
350C6R1	2079 lbs/hr		5377 Btu/lb	1.4	57.6	
350C6R2	2090 lbs/hr		8113 Btu/lb	1	57.9	
350C6R3	2119 lbs/hr		8627 Btu/lb	1.4	58.7	
350C7R1	1950 lbs/hr		7036 Btu/lb	1.4	60.8	
350C7R2	1947 lbs/hr		7036 Btu/lb	1.1	60.7	
350C7R3	1947 lbs/hr		7007 Btu/lb	1.2	60.7	
350C7R4	1829 lbs/hr		8019 Btu/lb	.7	57	
350C8R1	738 lbs/hr		7368 Btu/lb	.9	57.5	
350C8R2	741 lbs/hr		7361 Btu/lb	.9	57.8	
350C8R3	743 lbs/hr		7978 Btu/lb	1	57.9	
350C9R1	1169 lbs/hr		6540 Btu/lb	1.2	58.3	
350C9R2	1167 lbs/hr		8380 Btu/lb	1.2	58.2	
350C9R3	1159 lbs/hr		7914 Btu/lb	1	57.8	

6. Description: TAR FEED

Additional ID Information

Process Group: LIQUID INJECTION Location: PRIMARY CHAMBER Phase: SLUDGE

Feed Stream Information

Feed Mechanism: ATOMIZED LIQUID Feed Location: MIDDLE OF CHAMBER
 Manufacturer: ? Number of Burners: 1

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
350C1R1	2544 lbs/hr		5155 Btu/lb	4.7	70.5	.4
350C1R2	2488 lbs/hr		5418 Btu/lb	4.7	70.5	.4
350C1R3	2552 lbs/hr		5598 Btu/lb	4.7	70.7	.5
350C2R1	904 lbs/hr		5177 Btu/lb	4.8	70.5	.5
350C2R2	902 lbs/hr		5651 Btu/lb	4.6	70.3	.4
350C2R3	901 lbs/hr		5453 Btu/lb	4	70.2	.4
350C3R1	2548 lbs/hr		5329 Btu/lb	4.8	70.6	.7
350C3R2	2548 lbs/hr		5434 Btu/lb	4.4	70.6	.4
350C3R3	2544 lbs/hr		5308 Btu/lb	5	70.5	.4
350C4R1	919 lbs/hr		5384 Btu/lb	6.3	71.6	.5
350C4R2	919 lbs/hr		5545 Btu/lb	6.4	71.6	.5
350C4R3	912 lbs/hr		5354 Btu/lb	5.1	71.1	.4
350C5R1	2544 lbs/hr		5483 Btu/lb	4.7	70.5	.4
350C5R2	2544 lbs/hr		5276 Btu/lb	4.5	70.5	.4
350C5R3	2544 lbs/hr		5311 Btu/lb	4.8	70.5	.4
350C6R1	904 lbs/hr		5278 Btu/lb	4.8	70.5	.4
350C6R2	906 lbs/hr		5352 Btu/lb	4.9	70.6	.4
350C6R3	892 lbs/hr		5311 Btu/lb	5	69.5	.4
350C7R1						
350C7R2						

SECTION 6: OTHER STREAM RATES

1. COMPANY: DUPONT
 2. STATE: TX
 3. CITY: LA PORTE
 4. EP ID: 350 DEVICE NAME: VINYL INCINERATOR EPA ID: TXD008079212 REGION: 6
 SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: WHB/HE/FF

350C7R3								
350C8R1	1445 lbs/hr		5038	Btu/lb	6.6	72.1	.6	
350C8R2	1445 lbs/hr		4788	Btu/lb	6.6	72.1	.7	
350C8R3	1445 lbs/hr		5246	Btu/lb	6.6	72.1	.6	
350C9R1	921 lbs/hr		5222	Btu/lb	6.1	71.8	.5	
350C9R2	921 lbs/hr		5420	Btu/lb	6.5	71.8	.5	
350C9R3	921 lbs/hr		5606	Btu/lb	6.3	71.8	.5	

6. Description: WASH WATER

Additional ID Information

Process Group: LIQUID INJECTION Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: ATOMIZED LIQUID Feed Location: MIDDLE OF CHAMBER
 Manufacturer: ? Number of Burners: 2

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value		Viscosity, cSt	Density, lb/ft3	Ash (%)
350C1R1	2002 lbs/hr		143	Btu/lb	1.1	62.4	
350C1R2	1952 lbs/hr		224	Btu/lb	1.1	62.4	
350C1R3	2002 lbs/hr		242	Btu/lb	1.1	62.4	
350C2R1	2002 lbs/hr		188	Btu/lb	1.1	62.4	
350C2R2	2002 lbs/hr		194	Btu/lb	1.2	62.4	
350C2R3	2002 lbs/hr		210	Btu/lb	1	62.4	
350C5R1	2002 lbs/hr		172	Btu/lb	1.1	62.4	
350C5R2	2002 lbs/hr		214	Btu/lb	1	62.4	
350C5R3	2002 lbs/hr		207	Btu/lb	1.1	62.4	
350C6R1	2002 lbs/hr		178	Btu/lb	1	62.4	
350C6R2	2002 lbs/hr		225	Btu/lb	1	62.4	
350C6R3	1952 lbs/hr		125	Btu/lb	1	62.4	

US EPA ARCHIVE DOCUMENT

SECTION 6: OTHER STREAM RATES

1. COMPANY: DUPONT
 2. STATE: TX
 3. CITY: LA PORTE
 4. EP ID: 702 DEVICE NAME: THF INCINERATOR EPA ID: TXD008079212 SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: QT/S/C REGION: 6

5. Type: WASTE

6. Description:

Additional ID Information

Process Group: LIQUID INJECTION Location: SINGLE CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
702A1R1	3 gpm					10.4
702A1R2	3 gpm					7.2
702A1R3	3 gpm					7.7
702A2R1	4 gpm					8.5
702A2R2	4 gpm					4.1
702A2R3	4 gpm					7.4
702A3R1	4 gpm					6.6
702A3R2	3 gpm					9.2
702A3R3	4 gpm					8.7

6. Description: CATALYST SLURRY

Additional ID Information

Process Group: LIQUID INJECTION Location: SINGLE CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
702C6R1	4955 lbs/hr	57.9	3356 Btu/lb	1.8	62.4	6.7
702C6R2	4955 lbs/hr	60.7	3734 Btu/lb	1.7	62.4	6.8
702C6R3	4905 lbs/hr	56.3	4483 Btu/lb	1.6	62.4	7
702C6R4	4655 lbs/hr	64.2	4085 Btu/lb	1.7	62.4	6.6
702C7R1	3053 lbs/hr	59.4	3748 Btu/lb	1.7	62.4	5.4
702C7R2	3053 lbs/hr	65.9	3604 Btu/lb	1.7	62.4	7.4
702C7R3	2953 lbs/hr	66	3734 Btu/lb	1.7	62.4	7
702C8R1	3003 lbs/hr	66.2	3489 Btu/lb	1.6	62.4	6.8
702C8R2	2903 lbs/hr	66	3978 Btu/lb	1.6	62.4	6
702C8R3	3003 lbs/hr	66	3782 Btu/lb	1.7	62.4	6.3
702C9R1	2953 lbs/hr	62.3	3576 Btu/lb	1.7	62.4	7
702C9R2	2953 lbs/hr	66.7	3702 Btu/lb	1.7	62.4	5.6
702C9R3	2903 lbs/hr	67.2	3685 Btu/lb	1.6	62.4	5.9

6. Description: SURROGATE

Additional ID Information

Process Group: LIQUID INJECTION Location: SINGLE CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
702C1R1	6056 lbs/hr	27.6	6562 Btu/lb	1.3	62.4	
702C1R2	6006 lbs/hr	27.7	6800 Btu/lb	1.3	62.4	
702C1R3	6006 lbs/hr	27.8	6760 Btu/lb	1.4	62.4	
702C2R1	4004 lbs/hr	28.4	6989 Btu/lb	1.3	62.4	
702C2R2	4004 lbs/hr	28.2	6698 Btu/lb	1.3	62.4	
702C2R3	4004 lbs/hr	28.8	6656 Btu/lb	1.3	62.4	
702C3R1	7008 lbs/hr	43.1	5167 Btu/lb	1.6	62.4	
702C3R2	6957 lbs/hr	43	5069 Btu/lb	1.5	62.4	
702C3R3	6957 lbs/hr	43.7	4961 Btu/lb	1.5	62.4	
702C4R1	6957 lbs/hr	43	5207 Btu/lb	1.6	62.4	
702C4R2	6957 lbs/hr	43	5069 Btu/lb	1.5	62.4	

SECTION 6: OTHER STREAM RATES

1. COMPANY: DUPONT
 2. STATE: TX
 3. CITY: LA PORTE
 4. EP ID: 702

DEVICE NAME: THF INCINERATOR

EPA ID: TXD008079212
 SYSTEM TYPE: ONSITE INCINERATOR

APC SYSTEM: QT/S/C

REGION: 6

702C4R3	7008 lbs/hr	43.7	4961	Btu/lb	1.5	62.4	
702C5R1	4004 lbs/hr	39.2	4838	Btu/lb	1.7	62.4	
702C5R2	3954 lbs/hr	46	4922	Btu/lb	1.6	62.4	
702C5R3	4004 lbs/hr	46.5	4807	Btu/lb	1.6	62.4	

SECTION 6: OTHER STREAM RATES

1. COMPANY: DUPONT
 2. STATE: TX
 3. CITY: LA PORTE
 4. EP ID: 707 DEVICE NAME: CENTRAL SCRUBBED INC EPA ID: TXD008079212 SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: QT/WS REGION: 6

5. Type: SPIKE

6. Description: ORGANICS (CB,DIOXANE)

Additional ID Information

Process Group: LIQUID INJECTION Location: SINGLE CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value		Viscosity, cSt	Density, lb/ft3	Ash (%)
707A1R1	gpm						
707A1R2	gpm						
707A1R3	gpm						
707A2R1	gpm						
707A2R2	gpm						
707A2R3	gpm						
707A3R1	145 lbs/hr		7491	Btu/lb	.8	90.4	
707A3R2	145 lbs/hr		7292	Btu/lb	.8	90.4	
707A3R3	145 lbs/hr		7580	Btu/lb	.8	90.4	
707A4R1	145 lbs/hr		7795	Btu/lb	.8	90.4	
707A4R2	144 lbs/hr		7756	Btu/lb	.8	90.1	
707A4R3	144 lbs/hr		7848	Btu/lb	.8	90.3	
707A5R1	145 lbs/hr		7645	Btu/lb	.8	90.4	
707A5R2	145 lbs/hr		6897	Btu/lb	.8	90.4	
707A5R3	145 lbs/hr		7525	Btu/lb	.8	90.4	
707A6R1	145 lbs/hr		5740	Btu/lb	.8	90.4	
707A6R2	145 lbs/hr		6956	Btu/lb	.8	90.4	
707A6R3	145 lbs/hr		7796	Btu/lb	.8	90.4	
707C2R1	142 lbs/hr		6660	Btu/lb	.8	88.6	
707C2R2	142 lbs/hr		7040	Btu/lb	.8	88.7	
707C2R3	145 lbs/hr		5827	Btu/lb	.7	90.6	
707C3R1	144 lbs/hr		8433	Btu/lb	.7	90.1	
707C3R2	143 lbs/hr		8816	Btu/lb	.8	89.5	
707C3R3	142 lbs/hr		6854	Btu/lb	.8	89	
707C4R1	146 lbs/hr		7058	Btu/lb	.7	91.1	
707C4R2	gpm						
707C4R3	gpm						
707C9R1	147 lbs/hr		6960	Btu/lb	.7	91.7	
707C9R2	147 lbs/hr		7074	Btu/lb	.7	91.7	
707C9R3	144 lbs/hr		7378	Btu/lb	.8	90	

5. Type: WASTE

6. Description: AQUEOUS

Additional ID Information

Process Group: LIQUID INJECTION Location: SINGLE CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value		Viscosity, cSt	Density, lb/ft3	Ash (%)
707A1R1	43 gpm						3.4
707A1R2	43 gpm						3.6
707A1R3	43 gpm						3.7
707A2R1	40 gpm						3.3
707A2R2	40 gpm						3.2
707A2R3	40 gpm						3.2
707A3R1	25534 lbs/hr		1104	Btu/lb	1.5	64.9	4.3
707A3R2	25581 lbs/hr		865	Btu/lb	1.5	65	4.1
707A3R3	25534 lbs/hr		1236	Btu/lb	1.5	64.9	4.3
707A4R1	24469 lbs/hr		1103	Btu/lb	1.5	64.9	4.3
707A4R2	24492 lbs/hr		1057	Btu/lb	1.6	64.9	4.2
707A4R3	24469 lbs/hr		850	Btu/lb	1.5	64.9	4.3

SECTION 6: OTHER STREAM RATES

1. COMPANY: DUPONT
 2. STATE: TX
 3. CITY: LA PORTE EPA TXD008079212 REGION: 6
 4. EP ID: 707 DEVICE NAME: CENTRAL SCRUBBED INC SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: QT/WS

707A5R1	21866 lbs/hr		925	Btu/lb	1.5	64.9	4.3
707A5R2	21866 lbs/hr		1061	Btu/lb	1.5	64.9	4.3
707A5R3	21842 lbs/hr		1053	Btu/lb	1.5	64.8	4.4
707A6R1	21802 lbs/hr		1058	Btu/lb	1.5	64.7	4
707A6R2	21866 lbs/hr		1178	Btu/lb	1.5	64.9	4.2
707A6R3	21822 lbs/hr		1273	Btu/lb	1.5	64.7	4.2
707C1R1	41 gpm						2.5
707C1R2	40 gpm						3.3
707C1R3	40 gpm						2.3
707C2R1	19686 lbs/hr		776	Btu/lb	1.6	64.5	3.2
707C2R2	19686 lbs/hr		805	Btu/lb	1.4	64.5	3.7
707C2R3	18687 lbs/hr		635	Btu/lb	1.4	64.7	3.4
707C3R1	21283 lbs/hr		823	Btu/lb	1.4	64.7	2.4
707C3R2	20722 lbs/hr		766	Btu/lb	1.4	64.5	3.9
707C3R3	21220 lbs/hr		897	Btu/lb	1.4	64.5	3.4
707C4R1	21076 lbs/hr		1028	Btu/lb	1.3	64	3
707C4R2	21613 lbs/hr		1064	Btu/lb	1.3	64.1	3.1
707C4R3	21637 lbs/hr		1090	Btu/lb	1.3	64.2	3.1
707C7R1	49 gpm						4.1
707C7R2	48 gpm						3.9
707C7R3	48 gpm						3.9
707C8R1	49 gpm						4.1
707C8R2	46 gpm						4
707C8R3	48 gpm						4.1
707C9R1	21782 lbs/hr		1115	Btu/lb	1.5	64.6	4.1
707C9R2	22321 lbs/hr		1332	Btu/lb	1.5	64.7	4.1
707C9R3	22321 lbs/hr		1004	Btu/lb	1.5	64.7	4.1

6. Description: BRINE

Additional ID Information

Process Group: LIQUID INJECTION Location: SINGLE CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
707A2R1	3528 lbs/hr				74.5	25.9
707A2R2	3574 lbs/hr				74.2	25.6
707A2R3	3574 lbs/hr				74.2	

6. Description: ORGANIC

Additional ID Information

Process Group: LIQUID INJECTION Location: SINGLE CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
707A1R1	4 gpm					
707A1R2	4 gpm					
707A1R3	4 gpm					
707C1R1						
707C1R2						
707C1R3						
707C2R1	1528 lbs/hr		17280 Btu/lb	.8	56	
707C2R2	1485 lbs/hr		16365 Btu/lb	.8	56.1	
707C2R3	1531 lbs/hr		15933 Btu/lb	.8	56.1	
707C4R1	18615 lbs/hr		19254 Btu/lb	.8	56.6	
707C4R2	19069 lbs/hr		17271 Btu/lb	.8	56.6	
707C4R3	19069 lbs/hr		19262 Btu/lb	.9	56.6	
707C9R1	1941 lbs/hr		15966 Btu/lb	.8	56.2	
707C9R2	1896 lbs/hr		18892 Btu/lb	.8	56.2	
707C9R3	1896 lbs/hr		15820 Btu/lb	.8	56.2	

SECTION 6: OTHER STREAM RATES

1. COMPANY: DUPONT
2. STATE: TX
3. CITY: LA PORTE EPA TXD008079212 REGION: 6
4. EP ID: 707 DEVICE NAME: CENTRAL SCRUBBED INC SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: QT/WS

SECTION 6: OTHER STREAM RATES

1. COMPANY: DUPONT
 2. STATE: TX
 3. CITY: ORANGE
 4. EP ID: 338 DEVICE NAME: EPA ID: TXD008081101 REGION: 6
 SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: QC/FF/SS/C/HES/DM

5. Type: BA ASH

6. Description: KILN

Additional ID Information

Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: SOLID

Feed Stream Information

Feed Mechanism: NA Feed Location: NA
 Manufacturer: NA Number of Burners: NA

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
338C1						
338C2						

5. Type: FF ASH

6. Description:

Additional ID Information

Process Group: ROTARY KILN Location: FF Phase: SOLID

Feed Stream Information

Feed Mechanism: NA Feed Location: NA
 Manufacturer: NA Number of Burners: NA

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
338C1						
338C2						

5. Type: WASTE

6. Description:

Additional ID Information

Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: SLUDGE

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
338C1R1	1719 lbs/hr		5409335 Btu/lb	.7	51.3	
338C1R2	1727 lbs/hr		5356878 Btu/lb	.9	51.3	
338C1R3	1726 lbs/hr		5363022 Btu/lb	.8	51.3	
338C2R1	1686 lbs/hr		5646951 Btu/lb	.7	51.3	
338C2R2	1735 lbs/hr		5490174 Btu/lb	1	51.3	
338C2R3	1734 lbs/hr		5488688 Btu/lb	.8	51.3	

Additional ID Information

Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
338C1R1	1991 lbs/hr		4634726 Btu/lb	1	53.4	
338C1R2	2078 lbs/hr		4432928 Btu/lb	1.1	51.9	
338C1R3	1919 lbs/hr		4800319 Btu/lb	.9	51.8	
338C2R1	1999 lbs/hr		4698486 Btu/lb	.9	51.6	
338C2R2	2033 lbs/hr		4619841 Btu/lb	1.1	51.5	
338C2R3	2053 lbs/hr		4573244 Btu/lb	.9	51.6	

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SECTION 6: OTHER STREAM RATES

1. COMPANY: DUPONT
 2. STATE: TX
 3. CITY: ORANGE
 4. EP ID: 338 DEVICE NAME: EPA TXD008081101 REGION: 6
 SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: QC/FF/SS/C/HES/DM

Additional ID Information

Process Group: ROTARY KILN Location: SECONDARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
338C1R1	3620 lbs/hr		1932036 Btu/lb	4.1	59.9	
338C1R2	3910 lbs/hr		1791730 Btu/lb	4.4	59.9	
338C1R3	3937 lbs/hr		1780223 Btu/lb	4.4	59.9	
338C2R1	5047 lbs/hr		926419 Btu/lb	.9	51.6	
338C2R2	4933 lbs/hr		953344 Btu/lb	1.1	51.6	
338C2R3	4924 lbs/hr		952700 Btu/lb	.9	51.7	

6. Description: AQUEOUS

Additional ID Information

Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
338C1R1	3040 lbs/hr		315829 Btu/lb	1	61.4	
338C1R2	3713 lbs/hr		242877 Btu/lb	1.2	61.2	
338C1R3	3625 lbs/hr		266340 Btu/lb	1	61.4	
338C2R1	3680 lbs/hr		249560 Btu/lb	1	61.5	
338C2R2	3501 lbs/hr		274798 Btu/lb	1.2	61.5	
338C2R3	3512 lbs/hr		275635 Btu/lb	1	61.5	

Additional ID Information

Process Group: ROTARY KILN Location: SECONDARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
338C1R1	3451 lbs/hr		344090 Btu/lb	1	61.4	
338C1R2	3446 lbs/hr		332494 Btu/lb	1.2	61.2	
338C1R3	3524 lbs/hr		257602 Btu/lb	1	61.4	
338C2R1	5687 lbs/hr		139113 Btu/lb	1	61.5	
338C2R2	9689 lbs/hr		47402 Btu/lb	1.2	61.5	
338C2R3	11102 lbs/hr		31962 Btu/lb	1	61.5	

6. Description: CONTAINERIZED

Additional ID Information

Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: SOLID

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
338C1R1	3720 lbs/hr		2138400 Btu/lb			49.6
338C1R2	3343 lbs/hr		2343962 Btu/lb			50.3
338C1R3	3291 lbs/hr		2372744 Btu/lb			50.4
338C2R1	6917 lbs/hr		484816 Btu/lb			72.6
338C2R2	6310 lbs/hr		532380 Btu/lb			72.6
338C2R3	6310 lbs/hr		532380 Btu/lb			72.6

6. Description: DIRECT BURN

US EPA ARCHIVE DOCUMENT

SECTION 6: OTHER STREAM RATES

1. COMPANY: DUPONT
 2. STATE: TX
 3. CITY: ORANGE
 4. EP ID: 338 DEVICE NAME:

EPA ID: TXD008081101
 SYSTEM TYPE: ONSITE INCINERATOR

REGION: 6
 APC SYSTEM: QC/FF/SS/C/HES/DM

Additional ID Information

Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: SOLID

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
338C1R1	691 lbs/hr		<<<<<< Btu/lb	.7	64.1	
338C1R2	746 lbs/hr		<<<<<< Btu/lb	.9	50.3	
338C1R3	749 lbs/hr		<<<<<< Btu/lb	.8	50.3	
338C2R1	789 lbs/hr		<<<<<< Btu/lb	.7	50.3	
338C2R2	715 lbs/hr		<<<<<< Btu/lb	.9	50.2	
338C2R3	720 lbs/hr		<<<<<< Btu/lb	.7	50.3	

6. Description: THICK SLURRY

Additional ID Information

Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: SLUDGE

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
338C1R1	4825 lbs/hr		451018 Btu/lb		90.4	61.1
338C1R2	2028 lbs/hr		1069834 Btu/lb		95.1	63.4
338C1R3	1289 lbs/hr		1685202 Btu/lb		53.5	62.9
338C2R1	4583 lbs/hr		476102 Btu/lb		93.3	61.9
338C2R2	5212 lbs/hr		382846 Btu/lb		92.9	62.2
338C2R3	6512 lbs/hr		306559 Btu/lb		98.8	62

US EPA ARCHIVE DOCUMENT

SECTION 6: OTHER STREAM RATES

1. COMPANY: EASTMAN KODAK
 2. STATE: NY
 3. CITY: ROCHESTER EPA NYD980592497 REGION: 2
 4. EP ID: 915 DEVICE NAME: BUILDING 218 CHI SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: QC/VS/C

5. Type: SPIKE

6. Description: CARBON TETRACHLORIDE

Additional ID Information

Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: ATOMIZED LIQUIDS Feed Location: HIGHEND
 Manufacturer: ? Number of Burners: 4

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
915C1R1	644 lbs/hr					
915C1R2	694 lbs/hr					
915C1R3	670 lbs/hr					
915C2R1	382 lbs/hr					
915C2R2	428 lbs/hr					
915C2R3	431 lbs/hr					
915C3R1	452 lbs/hr					
915C3R2	418 lbs/hr					
915C3R3	365 lbs/hr					

6. Description: CHLOROBENZENE

Additional ID Information

Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: ATOMIZED LIQUIDS Feed Location: HIGHEND
 Manufacturer: ? Number of Burners: 4

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
915C1R1	1309 lbs/hr					
915C1R2	1347 lbs/hr					
915C1R3	1108 lbs/hr					
915C2R1	1300 lbs/hr					
915C2R2	759 lbs/hr					
915C2R3	1449 lbs/hr					
915C3R1	1000 lbs/hr					
915C3R2	840 lbs/hr					
915C3R3	937 lbs/hr					

6. Description: TOLUENE

Additional ID Information

Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: ATOMIZED LIQUIDS Feed Location: HIGHEND
 Manufacturer: ? Number of Burners: 4

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
915C1R1	693 lbs/hr					
915C1R2	723 lbs/hr					
915C1R3	591 lbs/hr					
915C2R1	816 lbs/hr					
915C2R2	530 lbs/hr					
915C2R3	100 lbs/hr					
915C3R1	711 lbs/hr					
915C3R2	562 lbs/hr					
915C3R3	606 lbs/hr					

SECTION 6: OTHER STREAM RATES

1. COMPANY: ELI LILLY AND COMPANY
 2. STATE: IN
 3. CITY: LAFAYETTE
 4. EP ID: 358 DEVICE NAME:

EPA ID: IND006050967
 SYSTEM TYPE: ONSITE INCINERATOR

REGION: 5
 APC SYSTEM: QC/VS/C/CT/S/DM

5. Type: WASTE

6. Description: PRIMARY WASTE FEED

Additional ID Information

Process Group: LIQUID INJECTION Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: ATOMIZED LIQUIDS Feed Location: FRONT OF CHAMBER
 Manufacturer: J ZINK E10 ATOMIZER Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value		Viscosity, cSt	Density, lb/ft3	Ash (%)
358C1R1	2955 lbs/hr	11.5	7175	Btu/lb		69.5	3.8
358C1R2	2601 lbs/hr	14.1	6901	Btu/lb		69	3.9
358C1R3	2546 lbs/hr	12.3	6947	Btu/lb		69	4.1
358C1R4	2654 lbs/hr	16.5	6527	Btu/lb		70.4	4
358C3R1	2710 lbs/hr	13.6	6707	Btu/lb		68.9	4.1
358C3R2	2773 lbs/hr	14.5	6898	Btu/lb		69.1	3.9
358C3R3	2750 lbs/hr	13	6909	Btu/lb		68.5	4
358C4R1	2808 lbs/hr	12.2	6923	Btu/lb		67.3	2.3
358C4R2	2785 lbs/hr	12.6	7057	Btu/lb		66.7	2.8
358C4R3	2821 lbs/hr	12.6	6775	Btu/lb		67.6	2.7

6. Description: SECONDARY WASTE

Additional ID Information

Process Group: LIQUID INJECTION Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: ATOMIZED LIQUIDS Feed Location: MIDDLE OF CHAMBER
 Manufacturer: J. ZINK EA10 ATOMIZR Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value		Viscosity, cSt	Density, lb/ft3	Ash (%)
358C1R1	5752 lbs/hr	82.6	697	Btu/lb		66.4	7.8
358C1R2	5787 lbs/hr	81.1	627	Btu/lb		66.8	7.3
358C1R3	6054 lbs/hr	82.4	671	Btu/lb		67.3	6.8
358C1R4	5539 lbs/hr	80	777	Btu/lb		65.7	6.9
358C2R1	5886 lbs/hr	84.2	461	Btu/lb		65.5	7.4
358C2R2	5908 lbs/hr	82.6	826	Btu/lb		66.9	7.7
358C2R3	5811 lbs/hr	81.5	825	Btu/lb		66.4	7.1
358C3R1	4717 lbs/hr	85.4	745	Btu/lb		66	7.2
358C3R2	4713 lbs/hr	81.4	1042	Btu/lb		66.7	7.3
358C3R3	4771 lbs/hr	81.1	833	Btu/lb		66.8	7.1
358C4R1	5592 lbs/hr	84.5	716	Btu/lb		65.1	6.4
358C4R2	5613 lbs/hr	85.7	750	Btu/lb		66	6.3
358C4R3	5624 lbs/hr	83.3	712	Btu/lb		66.1	6.4
358C5R1	4650 lbs/hr		1164	Btu/lb		66.6	
358C5R2	4601 lbs/hr		1210	Btu/lb		66.7	
358C5R3	4601 lbs/hr		1119	Btu/lb		66.7	

US EPA ARCHIVE DOCUMENT

SECTION 6: OTHER STREAM RATES

1. COMPANY: ELI LILLY AND COMPANY

2. STATE: PR

3. CITY: MAYAQUEZ

EPA PRD091024786

REGION: 2

4. EP ID: 728 DEVICE NAME: BRULE

SYSTEM TYPE: ONSITE INCINERATOR

APC SYSTEM: QT/PT/VS

5. Type: WASTE

6. Description: PRIMARY

Additional ID Information

Process Group: INCINERATOR

Location: SINGLE CHAMBER

Phase: LIQUID

Feed Stream Information

Feed Mechanism: ?

Feed Location: ?

Manufacturer: ?

Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value		Viscosity, cSt	Density, lb/ft3	Ash (%)
728C1R1	732 lbs/hr		6977	Btu/lb			1
728C1R2	736 lbs/hr		6706	Btu/lb			1
728C1R3	729 lbs/hr		6234	Btu/lb			1.1

6. Description: SECONDARY

Additional ID Information

Process Group: INCINERATOR

Location: SINGLE CHAMBER

Phase: LIQUID

Feed Stream Information

Feed Mechanism: ?

Feed Location: ?

Manufacturer: ?

Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value		Viscosity, cSt	Density, lb/ft3	Ash (%)
728C1R1	1454 lbs/hr		157	Btu/lb			.7
728C1R2	1444 lbs/hr		158	Btu/lb			.6
728C1R3	1387 lbs/hr		177	Btu/lb			.6

SECTION 6: OTHER STREAM RATES

1. COMPANY: FIRST CHEMICAL CORPORATION
 2. STATE: MS
 3. CITY: PASCAGOULA
 4. EP ID: 904 DEVICE NAME: SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: ? REGION: 4
 EPA ID: MSD033417031

5. Type: WASTE

6. Description: WASTE 1,SPIKED ORGANICS (ANILINE,NB,OTHERS)

Additional ID Information

Process Group: STARVED-AIR Location: SINGLE CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: MULTI-FUEL BURNER Feed Location: ?
 Manufacturer: ? Number of Burners: 1

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value		Viscosity, cSt	Density, lb/ft3	Ash (%)
904C2R1	930 lbs/hr		13614	Btu/lb	.8		
904C2R2	930 lbs/hr		14043	Btu/lb	.8		
904C2R3	930 lbs/hr		13983	Btu/lb	.8		
904C3R1	900 lbs/hr		14069	Btu/lb	3.8		
904C3R2	900 lbs/hr		13769	Btu/lb	3.6		
904C3R3	905 lbs/hr		14044	Btu/lb	3.5		

6. Description: WASTE 1,SPIKED ORGANICS (TOLUENE,NB,OTHERS)

Additional ID Information

Process Group: STARVED-AIR Location: SINGLE CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: MULTI-FUEL BURNER Feed Location: ?
 Manufacturer: ? Number of Burners: 1

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value		Viscosity, cSt	Density, lb/ft3	Ash (%)
904C1R1	929 lbs/hr		13950	Btu/lb	2.8		
904C1R2	930 lbs/hr		13918	Btu/lb	2.9		
904C1R3	930 lbs/hr		13229	Btu/lb	3.2		
904C3R1	900 lbs/hr		13355	Btu/lb	.7		
904C3R2	900 lbs/hr		12871	Btu/lb	.8		
904C3R3	900 lbs/hr		12649	Btu/lb	.8		

SECTION 6: OTHER STREAM RATES

1. COMPANY: GENERAL ELECTRIC CO.

2. STATE: MA

3. CITY: PITTSFIELD

4. EP ID: 330 DEVICE NAME:

EPA MAD002084093

SYSTEM TYPE: COMMERCIAL INCINERATOR

APC SYSTEM: QT/WS/DM

REGION: 1

5. Type: FUEL

6. Description: OIL

Additional ID Information

Process Group: LIQUID INJECTION

Location: PRIMARY CHAMBER

Phase: LIQUID

Feed Stream Information

Feed Mechanism: ATOMIZING BURNER

Feed Location: ?

Manufacturer: ?

Number of Burners: 3

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
330C1B1	2 gpm					
330C1B2	2 gpm					
330C1B3	2 gpm					
330C1R1	1270 lbs/hr		13029 Btu/lb		70.5	
330C1R2	1300 lbs/hr		13312 Btu/lb		70.7	
330C1R3	1300 lbs/hr		12505 Btu/lb		70.3	
330C1R4	gpm					
330C1R5	gpm					
330C1R6	2 gpm					
330C1R7	2 gpm					
330C1R8	2 gpm					
330C1R9	2 gpm					
330C2R1	1270 lbs/hr		13400 Btu/lb		69.8	
330C2R2	1230 lbs/hr		14550 Btu/lb		68.1	
330C2R3	1220 lbs/hr		14660 Btu/lb		67.5	
330C2R4	2 gpm					
330C2R5	2 gpm					
330C2R6	2 gpm					

5. Type: WASTE

6. Description: WATER

Additional ID Information

Process Group: LIQUID INJECTION

Location: PRIMARY CHAMBER

Phase: LIQUID

Feed Stream Information

Feed Mechanism: ATOMIZING BURNER

Feed Location: ?

Manufacturer: ?

Number of Burners: 1

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
330C1B1	gpm					
330C1B2	gpm					
330C1B3	gpm					
330C2R1	354 lbs/hr		605 Btu/lb		61.9	
330C2R2	354 lbs/hr		696 Btu/lb		62.3	
330C2R3	354 lbs/hr		124 Btu/lb		62.2	
330C2R4	gpm					
330C2R5	gpm					
330C2R6	gpm					

US EPA ARCHIVE DOCUMENT

SECTION 6: OTHER STREAM RATES

1. COMPANY: GENERAL ELECTRIC CO.
 2. STATE: NY
 3. CITY: WATERFORD EPA NYD002080034 REGION: 2
 4. EP ID: 825 DEVICE NAME: ROTARY KILN INCINER SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: CCS/QC/ESP

5. Type: WASTE

6. Description: COMPOSITE

Additional ID Information

Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: SLUDGE

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
825C1R1	2308 lbs/hr					
825C1R2	2541 lbs/hr					
825C1R3	2059 lbs/hr					
825C1R4	2703 lbs/hr					

6. Description: PCB LIQUID

Additional ID Information

Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
825C1R1	2690 lbs/hr		10400 Btu/lb		74.8	
825C1R2	2308 lbs/hr		12350 Btu/lb		81.1	
825C1R3	2405 lbs/hr		12020 Btu/lb		74.8	
825C1R4	2260 lbs/hr		11810 Btu/lb		74.8	

6. Description: PCB SOLIDS

Additional ID Information

Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: SOLID

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
825C1R1	656 lbs/hr					
825C1R2	638 lbs/hr					
825C1R3	632 lbs/hr					
825C1R4	793 lbs/hr					

US EPA ARCHIVE DOCUMENT

SECTION 6: OTHER STREAM RATES

1. COMPANY: GLAXO INC.
 2. STATE: NC
 3. CITY: RESEARCH TRIANGLE PARK
 4. EP ID: 341 DEVICE NAME: EPA ID: NCD065655599 REGION: 4
 SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: DA/DI/FF/HEPA/CA

5. Type: BA ASH

6. Description: INCINERATOR

Additional ID Information

Process Group: FIXED HEARTH Location: PRIMARY CHAMBER Phase: SOLID

Feed Stream Information

Feed Mechanism: NA Feed Location: NA
 Manufacturer: NA Number of Burners: NA

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
341C1R2						
341C1R3						
341C2R3						

5. Type: WASTE

6. Description:

Additional ID Information

Process Group: FIXED HEARTH Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: LANCED LIQUID Feed Location: ?
 Manufacturer: ? Number of Burners: 1

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
341C1R1	158 lbs/hr		10200 Btu/lb			.1
341C1R2	206 lbs/hr		10090 Btu/lb			.2
341C1R3	219 lbs/hr		10325 Btu/lb			.2
341C2R1	232 lbs/hr		9580 Btu/lb			
341C2R2	232 lbs/hr		9900 Btu/lb			.1
341C2R3	232 lbs/hr		10125 Btu/lb			.2

Additional ID Information

Process Group: FIXED HEARTH Location: PRIMARY CHAMBER Phase: SOLID

Feed Stream Information

Feed Mechanism: RAM FEED Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
341C1R1	544 lbs/hr		13925 Btu/lb			1
341C1R2	603 lbs/hr		16760 Btu/lb			1.2
341C1R3	602 lbs/hr		15065 Btu/lb	2.6		
341C2R1	686 lbs/hr		16065 Btu/lb			2.8
341C2R2	665 lbs/hr		17275 Btu/lb			1.8
341C2R3	607 lbs/hr		17110 Btu/lb			1.5

US EPA ARCHIVE DOCUMENT

SECTION 6: OTHER STREAM RATES

1. COMPANY: IOWA ARMY AMMUNITION PLANT

2. STATE: IA

3. CITY: MIDDLETOWN

EPA ID: 1A7213820445

REGION: 7

4. EP ID: 351 DEVICE NAME: EWI AFTERBURNER

SYSTEM TYPE: ONSITE INCINERATOR

APC SYSTEM: GC/C/FF

5. Type: FF ASH

6. Description:

Additional ID Information

Process Group: ROTARY KILN

Location: FF

Phase: SOLID

Feed Stream Information

Feed Mechanism: NA

Feed Location: NA

Manufacturer: NA

Number of Burners: NA

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
351C1R1	lbs/hr					
351C1R2	lbs/hr					
351C1R3	lbs/hr					
351C2R1	lbs/hr					
351C2R2						
351C2R3						
351C3R1						
351C3R2						
351C3R3	lbs/hr					
351C4R1	lbs/hr					
351C4R2	lbs/hr					
351C4R3	lbs/hr					

5. Type: FUEL

6. Description:

Additional ID Information

Process Group: ROTARY KILN

Location: PRIMARY CHAMBER

Phase: ?

Feed Stream Information

Feed Mechanism: ?

Feed Location: ?

Manufacturer: ?

Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
351C1R1	gpm					
351C1R2	gpm					
351C1R3	gpm					
351C2R1	gpm					
351C2R2	gpm					
351C2R3	gpm					
351C3R1	gpm					
351C3R2	gpm					
351C3R3	1 gpm					

5. Type: HE ASH

6. Description:

Additional ID Information

Process Group: ROTARY KILN

Location: HEAT EXCHANGER

Phase: SOLID

Feed Stream Information

Feed Mechanism: NA

Feed Location: NA

Manufacturer: NA

Number of Burners: NA

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
351C1R1	lbs/hr					
351C1R2	lbs/hr					
351C1R3	lbs/hr					
351C2R1	lbs/hr					
351C2R2	lbs/hr					
351C2R3	lbs/hr					
351C3R1	lbs/hr					

US EPA ARCHIVE DOCUMENT

SECTION 6: OTHER STREAM RATES

1. COMPANY: IOWA ARMY AMMUNITION PLANT
 2. STATE: IA
 3. CITY: MIDDLETOWN EPA ID: IA7213820445 REGION: 7
 4. EP ID: 351 DEVICE NAME: EWI AFTERBURNER SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: GC/C/FF

351C3R2	lbs/hr					
351C3R3	lbs/hr					

6. Description: HIGH TEMPERATURE

Additional ID Information

Process Group: ROTARY KILN Location: HEAT EXCHANGER Phase: SOLID

Feed Stream Information

Feed Mechanism: NA Feed Location: NA
 Manufacturer: NA Number of Burners: NA

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
351C4R1	lbs/hr					
351C4R2	lbs/hr					
351C4R3	lbs/hr					

6. Description: LOW TEMPERATURE

Additional ID Information

Process Group: ROTARY KILN Location: HEAT EXCHANGER Phase: SOLID

Feed Stream Information

Feed Mechanism: NA Feed Location: NA
 Manufacturer: NA Number of Burners: NA

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
351C4R1	lbs/hr					
351C4R2	lbs/hr					
351C4R3	lbs/hr					

5. Type: MC ASH

6. Description:

Additional ID Information

Process Group: ROTARY KILN Location: CYCLONE Phase: SOLID

Feed Stream Information

Feed Mechanism: NA Feed Location: NA
 Manufacturer: NA Number of Burners: NA

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
351C1R1	lbs/hr					
351C1R2	lbs/hr					
351C1R3	lbs/hr					
351C2R1	lbs/hr					
351C2R2						
351C2R3						
351C3R1						
351C3R2						
351C3R3	lbs/hr					
351C4R1	5 lbs/hr					
351C4R2	1 lbs/hr					
351C4R3	1 lbs/hr					

5. Type: WASTE

6. Description:

US EPA ARCHIVE DOCUMENT

SECTION 6: OTHER STREAM RATES

1. COMPANY: IOWA ARMY AMMUNITION PLANT

2. STATE: IA

3. CITY: MIDDLETOWN

EPA ID: IA7213820445

REGION: 7

4. EP ID: 351 DEVICE NAME: EWI AFTERBURNER

SYSTEM TYPE: ONSITE INCINERATOR

APC SYSTEM: GC/C/FF

Additional ID Information

Process Group: ROTARY KILN

Location: PRIMARY CHAMBER

Phase: SOLID

Feed Stream Information

Feed Mechanism: DISCHARGE SHUTE

Feed Location: ?

Manufacturer: ?

Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
351C4R1	231 lbs/hr					
351C4R2	219 lbs/hr					
351C4R3	163 lbs/hr					

6. Description: COMP H-6

Additional ID Information

Process Group: ROTARY KILN

Location: PRIMARY CHAMBER

Phase: SOLID

Feed Stream Information

Feed Mechanism: DISCHARGE CHUTE

Feed Location: ?

Manufacturer: ?

Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
351C3R1	296 lbs/hr					
351C3R2	288 lbs/hr					
351C3R3	228 lbs/hr					

6. Description: PBX-0280

Additional ID Information

Process Group: ROTARY KILN

Location: PRIMARY CHAMBER

Phase: SOLID

Feed Stream Information

Feed Mechanism: DISCHARGE CHUTE

Feed Location: ?

Manufacturer: ?

Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
351C2R1	215 lbs/hr					
351C2R2	191 lbs/hr					
351C2R3	191 lbs/hr					

6. Description: TNT

Additional ID Information

Process Group: ROTARY KILN

Location: PRIMARY CHAMBER

Phase: SOLID

Feed Stream Information

Feed Mechanism: DISCHARGE CHUTE

Feed Location: ?

Manufacturer: ?

Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
351C1R1	179 lbs/hr					
351C1R2	205 lbs/hr					
351C1R3	212 lbs/hr					

US EPA ARCHIVE DOCUMENT

SECTION 6: OTHER STREAM RATES

1. COMPANY: IOWA ARMY AMMUNITION PLANT
 2. STATE: IA
 3. CITY: MIDDLETOWN EPA ID: IA7213820445 REGION: 7
 4. EP ID: 727 DEVICE NAME: EWI NO AFTERBURNER SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: GC/C/FF

5. Type: WASTE

6. Description: PBX-0280

Additional ID Information

Process Group: ROTARY KILN Location: SINGLE CHAMBER Phase: SOLID

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
727C1R1	176 lbs/hr					
727C1R2	178 lbs/hr					
727C1R3	175 lbs/hr					

6. Description: TNT

Additional ID Information

Process Group: ROTARY KILN Location: SINGLE CHAMBER Phase: SOLID

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
727C2R1	106 lbs/hr					
727C2R2	93 lbs/hr					
727C2R3	76 lbs/hr					

SECTION 6: OTHER STREAM RATES

1. COMPANY: LAIDLAW ENVIRONMENTAL SERVICES
 2. STATE: SC
 3. CITY: ROEBUCK

EPA ID: SCD981467616 REGION: 4
 SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: WHB/FF/VQ/PT/DM

5. Type: SPIKE

6. Description: ORGANICS (FREON 11)

Additional ID Information

Process Group: LIQUID INJECTION Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: Feed Location: ?
 Manufacturer: ? Number of Burners:

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
209C5R1	600 lbs/hr					
209C5R2	600 lbs/hr					
209C5R3	600 lbs/hr					
209C6R1	1200 lbs/hr					
209C6R2	1200 lbs/hr					
209C6R3	1200 lbs/hr					
209C7R1	720 lbs/hr					
209C7R2	720 lbs/hr					
209C7R3	720 lbs/hr					
209C8R1	720 lbs/hr					
209C8R2	720 lbs/hr					
209C8R3	720 lbs/hr					

5. Type: WASTE

6. Description: COLD ORGANIC WASTE

Additional ID Information

Process Group: LIQUID INJECTION Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: Feed Location: ?
 Manufacturer: ? Number of Burners:

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
209C3R1	5700 lbs/hr					
209C3R2	5520 lbs/hr					
209C3R3	5160 lbs/hr					
209C4R1	3420 lbs/hr					
209C4R2	3600 lbs/hr					
209C4R3	3600 lbs/hr					
209C5R1	3900 lbs/hr					
209C5R2	3840 lbs/hr					
209C5R3	3900 lbs/hr					
209C6R1	4500 lbs/hr					
209C6R2	5400 lbs/hr					
209C6R3	5280 lbs/hr					
209C7R1	3660 lbs/hr					
209C7R2	3660 lbs/hr					
209C7R3	3660 lbs/hr					
209C8R1	3000 lbs/hr					
209C8R2	3000 lbs/hr					
209C8R3	3000 lbs/hr					

6. Description: HOT ORGANIC WASTE

Additional ID Information

Process Group: LIQUID INJECTION Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: Feed Location: ?
 Manufacturer: ? Number of Burners:

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
209C3R1	1320 lbs/hr	5.7	13201 Btu/lb	3.6		4.7

US EPA ARCHIVE DOCUMENT

SECTION 6: OTHER STREAM RATES

1. COMPANY: LAIDLAW ENVIRONMENTAL SERVICES
 2. STATE: SC
 3. CITY: ROEBUCK

EPA SCD981467616

REGION: 4

4. EP ID: 209 DEVICE NAME: SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: WHB/FF/VQ/PT/DM

209C3R2	1380 lbs/hr	5.9	13226	Btu/lb	4.2	4.9
209C3R3	1440 lbs/hr	5.5	13219	Btu/lb	3.8	4.8
209C4R1	1020 lbs/hr	5.6	13296	Btu/lb	3.8	4.7
209C4R2	1080 lbs/hr	4.8	13378	Btu/lb	3.3	4.5
209C4R3	1200 lbs/hr	4.8	13389	Btu/lb	3.2	4.5
209C5R1	2280 lbs/hr	5.3	13349	Btu/lb	3.7	4.5
209C5R2	2760 lbs/hr	5.7	13153	Btu/lb	3	4.9
209C5R3	2760 lbs/hr	5.5	13258	Btu/lb	3.4	4.7
209C6R1	3000 lbs/hr	1.9	14933	Btu/lb	3.3	1.6
209C6R2	2820 lbs/hr	1.7	14540	Btu/lb	3.4	1.5
209C6R3	3000 lbs/hr	1.4	14988	Btu/lb	3.2	1.5
209C7R1	3000 lbs/hr	7.1	11921	Btu/lb	3.8	6.6
209C7R2	3000 lbs/hr	8.2	11731	Btu/lb	3.8	7.1
209C7R3	3000 lbs/hr	6.6	11762	Btu/lb	3.6	6.8
209C8R1	3600 lbs/hr	7.9	9754	Btu/lb	2.8	8.4
209C8R2	3480 lbs/hr	7.5	9977	Btu/lb	2.9	8.5
209C8R3	3600 lbs/hr	8.5	9667	Btu/lb	3.1	9.5

6. Description: SOLVENT

Additional ID Information

Process Group: LIQUID INJECTION Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: ATOMIZED LIQUID Feed Location: GAS INLET
 Manufacturer: ? Number of Burners: 5

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
209C1R1	4080 lbs/hr		10536 Btu/lb	1.6		
209C1R2	4080 lbs/hr		10675 Btu/lb	1.5		
209C1R3	4380 lbs/hr		10444 Btu/lb	1.4		.1
209C1R4	4440 lbs/hr		10639 Btu/lb	1.4		.1
209C2R1	3480 lbs/hr		10451 Btu/lb	1.4		.2
209C2R2	3720 lbs/hr		10334 Btu/lb	1.4		.2
209C2R3	3840 lbs/hr		10187 Btu/lb	1.3		.2
209C2R4	3720 lbs/hr		10067 Btu/lb	1.3		.3

6. Description: SPIKED METALS (AG,AS,BA,BE,CD,CR,HG,PB,SB,TL)

Additional ID Information

Process Group: LIQUID INJECTION Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: ATOMIZED LIQUID Feed Location: GAS INLET
 Manufacturer: ? Number of Burners: 1

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
209C1R1	8820 lbs/hr		1169 Btu/lb			7.7
209C1R2	8820 lbs/hr		1026 Btu/lb			7.8
209C1R3	8520 lbs/hr		857 Btu/lb			12.2
209C1R4	8220 lbs/hr		699 Btu/lb			15
209C2R1	9300 lbs/hr		573 Btu/lb			9.7
209C2R2	9480 lbs/hr		447 Btu/lb			7.7
209C2R3	9060 lbs/hr		524 Btu/lb			8.9
209C2R4	9120 lbs/hr		510 Btu/lb			12.8

US EPA ARCHIVE DOCUMENT

SECTION 6: OTHER STREAM RATES

1. COMPANY: LAKE CITY ARMY AMMUNITION PLANT
 2. STATE: MO
 3. CITY: INDEPENDENCE

EPA MO4213820489
 SYSTEM TYPE: ONSITE INCINERATOR

REGION: 7

4. EP ID: 503 DEVICE NAME: BUILDING 97 APC SYSTEM: HTHE/ LTHE/ FF

5. Type: WASTE

6. Description:

Additional ID Information

Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
503C1R1	2160 lbs/hr					
503C1R2	2001 lbs/hr					
503C1R3	2023 lbs/hr					
503C2R1	894 lbs/hr					
503C2R2	996 lbs/hr					
503C2R3	903 lbs/hr					

6. Description: PEP

Additional ID Information

Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
503C1R1	8 lbs/hr					
503C1R2	7 lbs/hr					
503C1R3	7 lbs/hr					
503C2R1	136 lbs/hr					
503C2R2	147 lbs/hr					
503C2R3	137 lbs/hr					

US EPA ARCHIVE DOCUMENT

SECTION 6: OTHER STREAM RATES

1. COMPANY: LWD, INC.
 2. STATE: KY
 3. CITY: CALVERT CITY
 4. EP ID: 210 DEVICE NAME: UNIT NO. 3 EPA ID: KYD088438817 REGION: 4
 SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: FF/S

5. Type: WASTE

6. Description:

Additional ID Information

Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: SLUDGE

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
210C1R1	1512 lbs/hr		9341 Btu/lb			61.5
210C1R2	1507 lbs/hr		9699 Btu/lb			57.7
210C1R3	1517 lbs/hr		9485 Btu/lb			52.4
210C2R1	1612 lbs/hr		10951 Btu/lb	4.2		21.2
210C2R2	1563 lbs/hr		10851 Btu/lb	7.5		43.2
210C2R3	1519 lbs/hr		9757 Btu/lb	7.5		38

6. Description: AQUEOUS

Additional ID Information

Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: DUAL FUEL BURNER Feed Location: ?
 Manufacturer: LWD, INC. Number of Burners: 1

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
210C1R1	4708 lbs/hr					.1
210C1R2	4780 lbs/hr					.1
210C1R3	4697 lbs/hr					.1
210C2R1						
210C2R2						
210C2R3						

6. Description: BULK SOLIDS

Additional ID Information

Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: SOLID

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
210C1R1	20104 lbs/hr		1210 Btu/lb			80.9
210C1R2	20252 lbs/hr		1653 Btu/lb			81.3
210C1R3	18108 lbs/hr		1161 Btu/lb			81.2
210C2R1						
210C2R2						
210C2R3						

6. Description: ORGANIC

Additional ID Information

Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: DUAL FUEL BURNER Feed Location: ?
 Manufacturer: LWD, INC. Number of Burners: 1

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
210C1R1	2038 lbs/hr		61 Btu/lb	.9		7.7
210C1R2	2678 lbs/hr		65 Btu/lb	.9		7.7
210C1R3	2373 lbs/hr		66 Btu/lb	.8		9
210C2R1	2994 lbs/hr		16066 Btu/lb	6.6		18.2

US EPA ARCHIVE DOCUMENT

SECTION 6: OTHER STREAM RATES

1. COMPANY: LWD, INC.
 2. STATE: KY
 3. CITY: CALVERT CITY EPA KYD088438817 REGION: 4
 4. EP ID: 210 DEVICE NAME: UNIT NO. 3 SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: FF/S

210C2R2	3762 lbs/hr		10702	Btu/lb	6.2		21.6
210C2R3	3112 lbs/hr		16384	Btu/lb	6.5		22.1

6. Description: PACKAGED

Additional ID Information

Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: SOLID

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
210C1R1	1743 lbs/hr		1749 Btu/lb			94.9
210C1R2	1761 lbs/hr		5525 Btu/lb			88.2
210C1R3	2503 lbs/hr		5775 Btu/lb			88.7
210C2R1						
210C2R2						
210C2R3						

US EPA ARCHIVE DOCUMENT

SECTION 6: OTHER STREAM RATES

1. COMPANY: LWD, INC.
 2. STATE: KY
 3. CITY: CALVERT CITY EPA KYD088438817 REGION: 4
 4. EP ID: 211 DEVICE NAME: UNIT NO. 1 SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: FF/S

5. Type: WASTE

6. Description: AQUEOUS - 14

Additional ID Information

Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: ATOMIZED LIQUIDS Feed Location: ?
 Manufacturer: LWD, INC. Number of Burners: 1

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
211C1R1	3249 lbs/hr					
211C1R2	3601 lbs/hr					
211C1R3	3148 lbs/hr					

6. Description: AQUEOUS - 15

Additional ID Information

Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: ATOMIZED LIQUIDS Feed Location: ?
 Manufacturer: LWD, INC. Number of Burners: 1

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
211C1R1	2880 lbs/hr					
211C1R2	3014 lbs/hr					
211C1R3	3124 lbs/hr					

6. Description: ORGANIC

Additional ID Information

Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: ATOMIZED LIQUIDS Feed Location: ?
 Manufacturer: LWD, INC. Number of Burners: 1

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
211C1R1	2396 lbs/hr		14360 Btu/lb			32.7
211C1R2	1937 lbs/hr		14916 Btu/lb			40.6
211C1R3	1935 lbs/hr		13896 Btu/lb			37.4

SECTION 6: OTHER STREAM RATES

1. COMPANY: LWD, INC.
 2. STATE: KY
 3. CITY: CALVERT CITY
 4. EP ID: 212 DEVICE NAME: UNIT NO. 2 EPA ID: KYD088438817 REGION: 4
 SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: FF/S

5. Type: WASTE

6. Description:

Additional ID Information

Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: SLUDGE

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
212C1R1	1157 lbs/hr		9197 Btu/lb			63.3
212C1R2	1182 lbs/hr		9554 Btu/lb			56.4
212C1R3	1293 lbs/hr		9576 Btu/lb			59.4

6. Description: AQUEOUS

Additional ID Information

Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: DUAL FUEL BURNER Feed Location: ?
 Manufacturer: LWD, INC. Number of Burners: 1

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
212C1R1	1567 lbs/hr					
212C1R2	1654 lbs/hr					
212C1R3	1645 lbs/hr					

6. Description: BULK SOLIDS

Additional ID Information

Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: SOLID

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
212C1R1	9862 lbs/hr		875 Btu/lb			85.4
212C1R2	9669 lbs/hr		830 Btu/lb			85.9
212C1R3	9749 lbs/hr		1016 Btu/lb			85.8

6. Description: ORGANIC

Additional ID Information

Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: DUAL FUEL BURNER Feed Location: ?
 Manufacturer: LWD, INC. Number of Burners: 1

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
212C1R1	1077 lbs/hr		12890 Btu/lb			45
212C1R2	1449 lbs/hr		13618 Btu/lb			51.7
212C1R3	1082 lbs/hr		12164 Btu/lb			36.7

6. Description: PACKAGED

US EPA ARCHIVE DOCUMENT

SECTION 6: OTHER STREAM RATES

1. COMPANY: LWD, INC.
 2. STATE: KY
 3. CITY: CALVERT CITY
 4. EP ID: 212 DEVICE NAME: UNIT NO. 2

EPA ID: KYD088438817
 SYSTEM TYPE: COMMERCIAL INCINERATOR
 APC SYSTEM: FF/S

REGION: 4

Additional ID Information

Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: SOLID

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
212C1R1	844 lbs/hr		3794 Btu/lb			87.7
212C1R2	866 lbs/hr		5102 Btu/lb			87.2
212C1R3	782 lbs/hr		5321 Btu/lb			88.7

SECTION 6: OTHER STREAM RATES

1. COMPANY: MARINE SHALE PROCESSORS, INC.
 2. STATE: LA
 3. CITY: MORGAN CITY EPA LAD981057706 REGION: 6
 4. EP ID: 400 DEVICE NAME: SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: SD/FF

5. Type: RAW MATERIAL

6. Description: 3A/3B SF,SPIKED METALS (AS,CD,CR,HG)

Additional ID Information

Process Group: LWA KILN Location: PRIMARY CHAMBER Phase: SOLID

Feed Stream Information

Feed Mechanism: NA Feed Location: NA
 Manufacturer: NA Number of Burners: NA

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
400C1R1	82308 lbs/hr					
400C1R2	65917 lbs/hr					
400C1R3	78166 lbs/hr					

5. Type: WASTE

6. Description: RECYCLABLE OIL SP-1

Additional ID Information

Process Group: LWA KILN Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
400C1R1	785 lbs/hr				57.9	
400C1R2	893 lbs/hr				57.9	
400C1R3	977 lbs/hr				57.9	

6. Description: RECYCLABLE OIL SP-2

Additional ID Information

Process Group: LWA KILN Location: SECONDARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
400C1R1	2438 lbs/hr				57.7	
400C1R2	2815 lbs/hr				57.9	
400C1R3	2978 lbs/hr				57.9	

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SECTION 6: OTHER STREAM RATES

1. COMPANY: MILES, INC.
 2. STATE: WV
 3. CITY: NEW MARTINSVILLE
 4. EP ID: 340 DEVICE NAME: EPA ID: WVD056866312 REGION: 3
 SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: WHB/ESP/WS

5. Type: BLOWDOWN

6. Description: SCRUBBER

Additional ID Information

Process Group: FLUIDIZED BED Location: SCRUBBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: NA Feed Location: NA
 Manufacturer: NA Number of Burners: NA

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
340C1R1						
340C1R2						
340C1R3						
340C2R1						
340C2R2						
340C2R3						

5. Type: ESP ASH

6. Description:

Additional ID Information

Process Group: FLUIDIZED BED Location: ESP Phase: SOLID

Feed Stream Information

Feed Mechanism: NA Feed Location: NA
 Manufacturer: NA Number of Burners: NA

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
340C1R1						
340C1R2						
340C1R3						
340C2R1						
340C2R2						
340C2R3						

5. Type: SPIKE

6. Description: ORGANICS (CARBON TETRACHLORIDE)

Additional ID Information

Process Group: FLUIDIZED BED Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
340C2R1	51 lbs/hr					
340C2R2	52 lbs/hr					
340C2R3	53 lbs/hr					

6. Description: ORGANICS (MONOCHLOROBENZENE)

Additional ID Information

Process Group: FLUIDIZED BED Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
340C1R1	39 lbs/hr					
340C1R2	32 lbs/hr					

US EPA ARCHIVE DOCUMENT

SECTION 6: OTHER STREAM RATES

1. COMPANY: MILES, INC.
 2. STATE: WV
 3. CITY: NEW MARTINSVILLE EPA WVD056866312 REGION: 3
 4. EP ID: 340 DEVICE NAME: SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: WHB/ESP/WS

340C1R3	42 lbs/hr					
340C2R1	41 lbs/hr					
340C2R2	61 lbs/hr					
340C2R3	37 lbs/hr					

5. Type: WASTE

6. Description:

Additional ID Information

Process Group: FLUIDIZED BED Location: PRIMARY CHAMBER Phase: SLUDGE

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value		Viscosity, cSt	Density, lb/ft3	Ash (%)
340C1R1	4115 lbs/hr	76.5	1909	Btu/lb		73.2	73.8
340C1R2	4017 lbs/hr	82.7	2029	Btu/lb		71.5	71.6
340C1R3	3961 lbs/hr	86.3	1748	Btu/lb		70.5	68.3
340C2R1	3800 lbs/hr	79.9	2358	Btu/lb		67.6	68.3
340C2R2	3975 lbs/hr	80.7	1865	Btu/lb		70.7	74.2
340C2R3	3943 lbs/hr	77.5	1825	Btu/lb		70.2	74.5

6. Description: FUEL/SPIKED ORGANICS (MCB,CCL4)

Additional ID Information

Process Group: FLUIDIZED BED Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value		Viscosity, cSt	Density, lb/ft3	Ash (%)
340C1R1	341 lbs/hr	1.8	11930	Btu/lb	<<	67.5	
340C1R2	264 lbs/hr	1.4	12171	Btu/lb	<<	66.6	
340C1R3	358 lbs/hr	1.9	11025	Btu/lb	44.5	70.3	.3
340C2R1	250 lbs/hr	1.5	11426	Btu/lb	<<	67.3	.1
340C2R2	239 lbs/hr	3	13337	Btu/lb	<<	64.5	.1
340C2R3	173 lbs/hr	1	14798	Btu/lb	22.4	64.4	

6. Description: TDI RESIDUE FEED

Additional ID Information

Process Group: FLUIDIZED BED Location: PRIMARY CHAMBER Phase: SOLID

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value		Viscosity, cSt	Density, lb/ft3	Ash (%)
340C1R1	2097 lbs/hr	11.9	10347	Btu/lb		81.1	.4
340C1R2	2268 lbs/hr	11	10489	Btu/lb		78	.3
340C1R3	2208 lbs/hr	10	10578	Btu/lb		76.7	1.2
340C2R1	2404 lbs/hr	10	10720	Btu/lb		79.8	.3
340C2R2	2187 lbs/hr	10	10469	Btu/lb		79.8	.2
340C2R3	2513 lbs/hr	11	10991	Btu/lb		79.8	.2

US EPA ARCHIVE DOCUMENT

SECTION 6: OTHER STREAM RATES

1. COMPANY: MONSANTO AGRICULTURAL COMPANY
 2. STATE: IA
 3. CITY: MUSCATINE
 4. EP ID: 906 DEVICE NAME: CAC INCINERATOR

EPA ID: IAD005273594
 SYSTEM TYPE: ONSITE INCINERATOR

REGION: 7

APC SYSTEM: QT/PT

5. Type: WASTE

6. Description: CAC,SPIKED

Additional ID Information

Process Group: LIQUID INJECTION Location: SINGLE CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: CONVENTIONAL BURNER Feed Location: FRONT OF CHAMBER
 Manufacturer: ? Number of Burners: 2

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value		Viscosity, cSt	Density, lb/ft3	Ash (%)
906C1R1	1039 lbs/hr		5970	Btu/lb	3.4	81	
906C1R2	1049 lbs/hr		6020	Btu/lb	4	81.8	
906C1R3	1041 lbs/hr		5900	Btu/lb	3.8	81.2	
906C1R4	1041 lbs/hr					81.2	
906C3R1	801 lbs/hr		6020	Btu/lb	3.1	79.9	
906C3R2	803 lbs/hr		5955	Btu/lb	3.1	80.1	
906C3R3	809 lbs/hr		6060	Btu/lb	3.3	80.7	
906C4R1	1066 lbs/hr		6060	Btu/lb	3.3	80.6	
906C4R2	1071 lbs/hr		5660	Btu/lb	3.6	80.9	
906C4R3	1067 lbs/hr		5710	Btu/lb	3.6	80.6	
906C5R1	1402 lbs/hr		5790	Btu/lb	3.4	80.6	
906C5R2	1416 lbs/hr		5805	Btu/lb	3.2	80.3	
906C5R3	1420 lbs/hr		5820	Btu/lb	3.3	80.5	

6. Description: CWW,ORGANIC

Additional ID Information

Process Group: LIQUID INJECTION Location: SINGLE CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: ATOMIZING BURNER Feed Location: FRONT OF CHAMBER
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value		Viscosity, cSt	Density, lb/ft3	Ash (%)
906C2R1	1011 lbs/hr	96.2	100	Btu/lb	3.1	63.1	.3
906C2R2	1024 lbs/hr	91.3	100	Btu/lb	6.1	63.9	.2
906C2R3	1010 lbs/hr	96.8	100	Btu/lb	3	63	.3
906C2R4	1010 lbs/hr					63	
906C3R1	505 lbs/hr	97.7	100	Btu/lb	3.1	63	
906C3R2	505 lbs/hr	96.9	100	Btu/lb	3	63.1	.2
906C3R3	521 lbs/hr	97.1	100	Btu/lb	3.1	63.1	.2
906C4R1	758 lbs/hr	95.8	100	Btu/lb	3	63.1	
906C4R2	758 lbs/hr	99	100	Btu/lb	2.9	63.1	.1
906C4R3	757 lbs/hr	99.6	100	Btu/lb	2.8	63	.1

SECTION 6: OTHER STREAM RATES

1. COMPANY: NEPERA
 2. STATE: NY
 3. CITY: HARRIMAN
 4. EP ID: 712 DEVICE NAME: INCINERATOR EPA ID: NYD002014595 REGION: 2
 SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: NONE

5. Type: WASTE

6. Description: FUMES

Additional ID Information

Process Group: LIQUID INJECTION Location: SINGLE CHAMBER Phase: GAS

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
712C1R1	7883 dscfm	8.7				
712C1R2	7828 dscfm	6.8				
712C1R3	7794 dscfm	7.9				
712C2R1	7926 dscfm	5.4				

SECTION 6: OTHER STREAM RATES

1. COMPANY: NEW BEDFORD HARBOR SUPERFUND SITE
 2. STATE: MA
 3. CITY: NEWBEDFORD
 4. EP ID: 903 DEVICE NAME: IRF EPA ID: ? REGION: 1
 SYSTEM TYPE: PILOT-SCALE INCINERATOR APC SYSTEM: VS/PT/CA/HEPA

5. Type: BA ASH

6. Description:

Additional ID Information

Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: SOLID

Feed Stream Information

Feed Mechanism: NA Feed Location: NA
 Manufacturer: NA Number of Burners: NA

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
903C1	45 lbs/hr					
903C2	41 lbs/hr					
903C3R1	39 lbs/hr					
903C3R2	38 lbs/hr					

5. Type: BLOWDOWN

6. Description: LIQUOR

Additional ID Information

Process Group: ROTARY KILN Location: WS Phase: LIQUID

Feed Stream Information

Feed Mechanism: NA Feed Location: NA
 Manufacturer: NA Number of Burners: NA

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
903C1	30 gpm					
903C2	30 gpm					
903C3R1	30 gpm					
903C3R2	30 gpm					

5. Type: WASTE

6. Description: ORGANIC

Additional ID Information

Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: SLUDGE

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
903C3R1	147 lbs/hr	63.9				28.5

6. Description: SPIKED ORGANICS (PCB)

Additional ID Information

Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: SLUDGE

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
903C1	153 lbs/hr	63.9				28.5
903C2	153 lbs/hr	63.9				28.5
903C3R2	153 lbs/hr	63.9				28.5

US EPA ARCHIVE DOCUMENT

SECTION 6: OTHER STREAM RATES

1. COMPANY: OCCIDENTAL CHEMICAL CORP.
 2. STATE: NY
 3. CITY: NIAGARA FALLS

EPA ID: NYD000824482
 SYSTEM TYPE: ONSITE INCINERATOR

APC SYSTEM: QC/AS/IWS
 REGION: 2

5. Type: FUEL

6. Description: OIL

Additional ID Information

Process Group: LIQUID INJECTION Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value		Viscosity, cSt	Density, lb/ft3	Ash (%)
348C1R1	330 lbs/hr		19813	Btu/lb		55.5	
348C1R2	360 lbs/hr		18660	Btu/lb		55.6	
348C1R3	360 lbs/hr		19249	Btu/lb		55.6	

5. Type: SPIKE

6. Description: METALS (AS,CD,CR,NI)

Additional ID Information

Process Group: LIQUID INJECTION Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value		Viscosity, cSt	Density, lb/ft3	Ash (%)
348C1R1	49 lbs/hr					63.5	
348C1R2	50 lbs/hr					63.1	
348C1R3	50 lbs/hr					63.6	

5. Type: WASTE

6. Description: ORGANIC

Additional ID Information

Process Group: LIQUID INJECTION Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value		Viscosity, cSt	Density, lb/ft3	Ash (%)
348C1R1	2388 lbs/hr	.1	7230	Btu/lb		91.2	1.4
348C1R2	2388 lbs/hr	.1	7332	Btu/lb		90.3	2.5
348C1R3	2406 lbs/hr	.1	7588	Btu/lb		90.3	1.2

US EPA ARCHIVE DOCUMENT

SECTION 6: OTHER STREAM RATES

1. COMPANY: OLIN CHEMICALS
 2. STATE: IL
 3. CITY: EAST ALTON
 4. EP ID: 337 DEVICE NAME: UNIT NO. 2 EPA ILD006271696 REGION: 5
 SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: WHB/DA/DI/FF

5. Type: FFASH

6. Description:

Additional ID Information

Process Group: STARVED-AIR Location: FF Phase: SOLID

Feed Stream Information

Feed Mechanism: NA Feed Location: NA
 Manufacturer: NA Number of Burners: NA

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
337C2R1						
337C2R2						
337C2R3						
337C2R4						

5. Type: FUEL

6. Description: NATURAL GAS

Additional ID Information

Process Group: STARVED-AIR Location: PRIMARY CHAMBER Phase: GAS

Feed Stream Information

Feed Mechanism: CONVENTIONAL BURNER Feed Location: FRONT OF CHAMBER
 Manufacturer: N. AMERICAN Number of Burners: 1

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
337C1R1	48 scfm					
337C1R2	48 scfm					
337C1R3	48 scfm					
337C1R4	48 scfm					
337C2R1	49 scfm					
337C2R2	54 scfm					
337C2R3	72 scfm					
337C2R4	67 scfm					

5. Type: SPIKE

6. Description: ORGANICS (DNT,NC)/METALS (AS,CD,CR,PB,SB)

Additional ID Information

Process Group: STARVED-AIR Location: PRIMARY CHAMBER Phase: SOLID

Feed Stream Information

Feed Mechanism: RAM FEED Feed Location: FRONT OF CHAMBER
 Manufacturer: ? Number of Burners: NA

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
337C2R1	86 lbs/hr					
337C2R2	97 lbs/hr					
337C2R3	83 lbs/hr					
337C2R4	97 lbs/hr					

5. Type: WASTE

6. Description: NITROCELLULOSE

US EPA ARCHIVE DOCUMENT

SECTION 6: OTHER STREAM RATES

1. COMPANY: OLIN CHEMICALS
 2. STATE: IL
 3. CITY: EAST ALTON
 4. EP ID: 337 DEVICE NAME: UNIT NO. 2
 EPA ILD006271696
 SYSTEM TYPE: ONSITE INCINERATOR
 REGION: 5
 APC SYSTEM: WHB/DA/DI/FF

Additional ID Information

Process Group: STARVED-AIR Location: PRIMARY CHAMBER Phase: SOLID

Feed Stream Information

Feed Mechanism: RAM FEED Feed Location: FRONT OF CHAMBER
 Manufacturer: ? Number of Burners: NA

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
337C1R1	9 lbs/hr					
337C1R2	8 lbs/hr					
337C1R3	8 lbs/hr					
337C1R4	9 lbs/hr					
337C2R1	9 lbs/hr		7807 Btu/lb			
337C2R2	4 lbs/hr		7807 Btu/lb			
337C2R3	8 lbs/hr		7807 Btu/lb			
337C2R4	9 lbs/hr		7807 Btu/lb			

6. Description: PRIMER MIX

Additional ID Information

Process Group: STARVED-AIR Location: PRIMARY CHAMBER Phase: SOLID

Feed Stream Information

Feed Mechanism: RAM FEED Feed Location: FRONT OF CHAMBER
 Manufacturer: ? Number of Burners: NA

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
337C1R1	78 lbs/hr					
337C1R2	75 lbs/hr					
337C1R3	72 lbs/hr					
337C1R4	79 lbs/hr					
337C2R1	81 lbs/hr					
337C2R2	81 lbs/hr					
337C2R3	105 lbs/hr					
337C2R4	81 lbs/hr					

6. Description: REFUSE DERIVED FUEL

Additional ID Information

Process Group: STARVED-AIR Location: PRIMARY CHAMBER Phase: SOLID

Feed Stream Information

Feed Mechanism: RAM FEED Feed Location: FRONT OF CHAMBER
 Manufacturer: ? Number of Burners: NA

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
337C1R1	1541 lbs/hr					
337C1R2	1541 lbs/hr					
337C1R3	1541 lbs/hr					
337C1R4	1541 lbs/hr					
337C2R1	1511 lbs/hr	21.4	7553 Btu/lb			10.3
337C2R2	1422 lbs/hr	6.2	7469 Btu/lb			10.9
337C2R3	1639 lbs/hr	13.5	7713 Btu/lb			9.5
337C2R4	1490 lbs/hr	14.7	7299 Btu/lb			6.7

6. Description: SMOKELESS POWDER

Additional ID Information

Process Group: STARVED-AIR Location: PRIMARY CHAMBER Phase: SOLID

Feed Stream Information

Feed Mechanism: RAM FEED Feed Location: FRONT OF CHAMBER
 Manufacturer: ? Number of Burners: NA

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
337C1R1	203 lbs/hr					
337C1R2	197 lbs/hr					

US EPA ARCHIVE DOCUMENT

SECTION 6: OTHER STREAM RATES

1. COMPANY: OLIN CHEMICALS

2. STATE: IL

3. CITY: EAST ALTON

EPA ID: ILD006271696

REGION: 5

4. EP ID: 337 DEVICE NAME: UNIT NO. 2

SYSTEM TYPE: ONSITE INCINERATOR

APC SYSTEM: WHB/DA/DI/FF

337C1R3	226 lbs/hr					
337C1R4	227 lbs/hr					
337C2R1	190 lbs/hr		3965	Btu/lb		
337C2R2	213 lbs/hr		3965	Btu/lb		
337C2R3	182 lbs/hr		3965	Btu/lb		
337C2R4	395 lbs/hr		3965	Btu/lb		

SECTION 6: OTHER STREAM RATES

1. COMPANY: OLIN CHEMICALS
 2. STATE: LA
 3. CITY: LAKE CHARLES

EPA ID: LAD008080681

REGION: 6

4. EP ID: 714 DEVICE NAME: INCINERATOR

SYSTEM TYPE: ONSITE INCINERATOR

APC SYSTEM: WS

5. Type: WASTE

6. Description: T-101,SPIKED ORGANICS (CB)

Additional ID Information

Process Group: LIQUID INJECTION Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: ATOMIZED LIQUID Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value		Viscosity, cSt	Density, lb/ft3	Ash (%)
714C1R1	295 lbs/hr		6441	Btu/lb	.9	78.9	1.6
714C1R2	340 lbs/hr		6878	Btu/lb	.8	79.1	1
714C1R3	348 lbs/hr		6152	Btu/lb	.8	79.2	1.8
714C5R1	255 lbs/hr		6548	Btu/lb	.8	78.9	1.9
714C5R2	277 lbs/hr		6310	Btu/lb	.8	68.7	1.8
714C5R3	360 lbs/hr		6495	Btu/lb	1.4	64.5	1.6

6. Description: TDI,SPIKED ORGANICS (CCL4)

Additional ID Information

Process Group: LIQUID INJECTION Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: ATOMIZED LIQUID Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value		Viscosity, cSt	Density, lb/ft3	Ash (%)
714C1R1	3180 lbs/hr		10747	Btu/lb	12.6	78	
714C1R2	3610 lbs/hr		11026	Btu/lb	44.8	78.1	
714C1R3	3330 lbs/hr		11254	Btu/lb	45.5	78	
714C2R1	3850 lbs/hr		10741	Btu/lb	<<	78.1	
714C2R2	4180 lbs/hr		10766	Btu/lb	<<	78.3	
714C2R3	4190 lbs/hr		11445	Btu/lb	<<	78.3	
714C3R1	3280 lbs/hr		10580	Btu/lb	53.8	78	
714C3R2	4120 lbs/hr		11173	Btu/lb	48.1	77.7	
714C3R3	3560 lbs/hr		10386	Btu/lb	39.5	77.7	
714C4R1	1480 lbs/hr		10427	Btu/lb	38.7	77.7	
714C4R2	2160 lbs/hr		10515	Btu/lb	36.7	77.7	
714C4R3	2120 lbs/hr		10898	Btu/lb	35.6	77.7	
714C5R1	3930 lbs/hr		10930	Btu/lb	36.4	77.8	
714C5R2	4250 lbs/hr		10470	Btu/lb	34.8	77.6	
714C5R3	4380 lbs/hr		10757	Btu/lb	35.4	77.5	

US EPA ARCHIVE DOCUMENT

SECTION 6: OTHER STREAM RATES

1. COMPANY: PENNWALT CORPORATION
 2. STATE: NJ
 3. CITY: THOROFARE
 4. EP ID: 824 DEVICE NAME: ISOTRON 142 EPA ID: NJD980753875 REGION: 2
 SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: QT/VIS/PT/DM

5. Type: BLOWDOWN

6. Description: SCRUBBER

Additional ID Information

Process Group: LIQUID INJECTION Location: VS Phase: LIQUID

Feed Stream Information

Feed Mechanism: NA Feed Location: NA
 Manufacturer: NA Number of Burners: NA

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
824C1R1	214 gpm					
824C1R2	217 gpm					
824C1R3	211 gpm					

5. Type: FUEL

6. Description: NATURAL GAS

Additional ID Information

Process Group: LIQUID INJECTION Location: SINGLE CHAMBER Phase: GAS

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
824C1R1	32 scfm					
824C1R2	31 scfm					
824C1R3	31 scfm					

5. Type: WASTE

6. Description:

Additional ID Information

Process Group: LIQUID INJECTION Location: SINGLE CHAMBER Phase: GAS

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
824C1R1	110 lbs/hr					
824C1R2	118 lbs/hr					
824C1R3	139 lbs/hr					

Additional ID Information

Process Group: LIQUID INJECTION Location: SINGLE CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
824C1R1	660 lbs/hr					
824C1R2	660 lbs/hr					
824C1R3	660 lbs/hr					

US EPA ARCHIVE DOCUMENT

SECTION 6: OTHER STREAM RATES

1. COMPANY: PFIZER, INC.
 2. STATE: CT
 3. CITY: GROTON
 4. EP ID: 502 DEVICE NAME: UNITS 101/102

EPA CTD001147495
 SYSTEM TYPE: ONSITE INCINERATOR
 APC SYSTEM: WHB/QC/PBC/VS/ES

REGION: 1

5. Type: BA ASH

6. Description: CHAR

Additional ID Information

Process Group: ROTARY HEARTH Location: CHAR CONTAINER Phase: SOLID

Feed Stream Information

Feed Mechanism: NA Feed Location: NA
 Manufacturer: NA Number of Burners: NA

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
502C1R1						
502C1R2						
502C1R3						

5. Type: BLOWDOWN

6. Description: CONDENSER PURGE

Additional ID Information

Process Group: ROTARY HEARTH Location: PACKED BED CONDENSER Phase: LIQUID

Feed Stream Information

Feed Mechanism: NA Feed Location: NA
 Manufacturer: NA Number of Burners: NA

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
502C1R1						
502C1R2						
502C1R3						

6. Description: SCRUBBER

Additional ID Information

Process Group: ROTARY HEARTH Location: VENTURI SCRUBBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: NA Feed Location: NA
 Manufacturer: NA Number of Burners: NA

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
502C1R1						
502C1R2						
502C1R3						

5. Type: FUEL

6. Description: OIL

Additional ID Information

Process Group: ROTARY HEARTH Location: ALL CHAMBERS Phase: LIQUID

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
502C1R1			19485 Btu/lb			
502C1R2			19584 Btu/lb			
502C1R3			19511 Btu/lb			

5. Type: SPIKE

6. Description: PYRO 1/METALS (AS,BE,CD,CR)/ORGANICS (CCL4)

US EPA ARCHIVE DOCUMENT

SECTION 6: OTHER STREAM RATES

1. COMPANY: PFIZER, INC.
 2. STATE: CT
 3. CITY: GROTON
 4. EP ID: 502 DEVICE NAME: UNITS 101/102

EPA ID: CTD001147495
 SYSTEM TYPE: ONSITE INCINERATOR

REGION: 1
 APC SYSTEM: WHB/QC/PBC/VS/ES

Additional ID Information

Process Group: ROTARY HEARTH Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
502C1R1	6 lbs/hr					
502C1R2	6 lbs/hr					
502C1R3	6 lbs/hr					

6. Description: PYRO 2/METALS (AS,BE,CD,CR)/ORGANICS (CCL4)

Additional ID Information

Process Group: ROTARY HEARTH Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
502C1R1	6 lbs/hr					
502C1R2	6 lbs/hr					
502C1R3	6 lbs/hr					

5. Type: WASTE

6. Description: PYRO 1

Additional ID Information

Process Group: ROTARY HEARTH Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
502C1R1	4367 lbs/hr		2457 Btu/lb			
502C1R2	4417 lbs/hr		2461 Btu/lb			
502C1R3	4456 lbs/hr		2325 Btu/lb			

6. Description: PYRO 2

Additional ID Information

Process Group: ROTARY HEARTH Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
502C1R1	4359 lbs/hr		2479 Btu/lb			
502C1R2	4454 lbs/hr		2668 Btu/lb			
502C1R3	4445 lbs/hr		2580 Btu/lb			

US EPA ARCHIVE DOCUMENT

SECTION 6: OTHER STREAM RATES

1. COMPANY: PFIZER, INC.
 2. STATE: PR
 3. CITY: BARCELONETA
 4. EP ID: 713 DEVICE NAME: INCINERATOR EPA ID: PRD090346090 SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: VS/PT REGION: 2

5. Type: FUEL

6. Description: KEROSENE

Additional ID Information

Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value		Viscosity, cSt	Density, lb/ft3	Ash (%)
713C1R1	lbs/hr	99.8	19781	Btu/lb	1.9	50.6	
713C1R2	lbs/hr	99.3	19747	Btu/lb	2	50.6	
713C1R3	lbs/hr	99.8	19791	Btu/lb	1.9	50.6	

Additional ID Information

Process Group: ROTARY KILN Location: SECONDARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value		Viscosity, cSt	Density, lb/ft3	Ash (%)
713C1R1	lbs/hr	99.8	19781	Btu/lb	1.9	50.6	
713C1R2	lbs/hr	99.8	19747	Btu/lb	2	50.6	
713C1R3	lbs/hr	99.8	19791	Btu/lb	1.9	50.6	

5. Type: WASTE

6. Description: SPIKED ORGANICS (CHLOROFORM,TOLUENE)

Additional ID Information

Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: SOLID

Feed Stream Information

Feed Mechanism: RAM FEED Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value		Viscosity, cSt	Density, lb/ft3	Ash (%)
713C1R1	185 lbs/hr	63					21.5
713C1R2	183 lbs/hr	54					26.5
713C1R3	182 lbs/hr						

US EPA ARCHIVE DOCUMENT

SECTION 6: OTHER STREAM RATES

1. COMPANY: RADFORD ARMY AMMUNITION PLANT
 2. STATE: VA
 3. CITY: RADFORD

EPA VA1210020730
 SYSTEM TYPE: ONSITE INCINERATOR

REGION: 3

4. EP ID: 349 DEVICE NAME: UNIT 6A

APC SYSTEM: QC/FF/QC/PT

5. Type: BA ASH

6. Description: KILN

Additional ID Information

Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: SOLID

Feed Stream Information

Feed Mechanism: NA Feed Location: NA
 Manufacturer: NA Number of Burners: NA

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
349C1R1	1 lbs/hr					
349C1R2	lbs/hr					
349C1R3	lbs/hr					
349C2R1	lbs/hr					
349C2R2						
349C2R3	lbs/hr					
349C3R1	lbs/hr					
349C3R2	lbs/hr					
349C3R3	lbs/hr					

5. Type: BLOWDOWN

6. Description: EVAP. COOLER DRIP

Additional ID Information

Process Group: ROTARY KILN Location: QUENCH COLUMN Phase: LIQUID

Feed Stream Information

Feed Mechanism: NA Feed Location: NA
 Manufacturer: NA Number of Burners: NA

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
349C1R1	1 gpm					
349C1R2	1 gpm					
349C1R3	1 gpm					
349C2R1	1 gpm					
349C2R2	gpm					
349C2R3	1 gpm					
349C3R1	1 gpm					
349C3R2	1 gpm					
349C3R3	1 gpm					

5. Type: FF ASH

6. Description:

Additional ID Information

Process Group: ROTARY KILN Location: FF Phase: SOLID

Feed Stream Information

Feed Mechanism: NA Feed Location: NA
 Manufacturer: NA Number of Burners: NA

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
349C1R1	1 lbs/hr					
349C1R2	2 lbs/hr					
349C1R3	1 lbs/hr					
349C2R1	2 lbs/hr					
349C2R2	1 lbs/hr					
349C2R3	3 lbs/hr					
349C3R1	2 lbs/hr					
349C3R2	4 lbs/hr					
349C3R3	3 lbs/hr					

US EPA ARCHIVE DOCUMENT

SECTION 6: OTHER STREAM RATES

1. COMPANY: RADFORD ARMY AMMUNITION PLANT

2. STATE: VA

3. CITY: RADFORD

EPA VA1210020730

REGION: 3

4. EP ID: 349 DEVICE NAME: UNIT 6A

SYSTEM TYPE: ONSITE INCINERATOR

APC SYSTEM: QC/FF/QC/PT

5. Type: WASTE

6. Description:

Additional ID Information

Process Group: ROTARY KILN

Location: PRIMARY CHAMBER

Phase: SLUDGE

Feed Stream Information

Feed Mechanism: NOZZLE

Feed Location: BURNER END

Manufacturer: ?

Number of Burners: 1

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft ³	Ash (%)
349C1R1	204 lbs/hr					
349C1R2	128 lbs/hr					
349C1R3	97 lbs/hr					
349C2R1	142 lbs/hr					
349C2R2	156 lbs/hr					
349C2R3	123 lbs/hr					
349C3R1	123 lbs/hr					
349C3R2	240 lbs/hr					
349C3R3	251 lbs/hr					

SECTION 6: OTHER STREAM RATES

1. COMPANY: ROCKY MOUNTAIN ARSENAL
 2. STATE: CO
 3. CITY: ADAMS COUNTY EPA ? REGION: 8
 4. EP ID: 902 DEVICE NAME: SQI SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: QT/VIS/PT

5. Type: BLOWDOWN

6. Description: BRINE

Additional ID Information

Process Group: SUBMERGED QUENCH INC Location: WET SCRUBBER Phase: SLURRY

Feed Stream Information

Feed Mechanism: NA Feed Location: NA
 Manufacturer: NA Number of Burners: NA

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
902C1R1	177373 lbs/hr				74.8	
902C1R2	168432 lbs/hr				74.8	
902C1R3	168552 lbs/hr				74.8	

5. Type: SPIKE

6. Description: ORGANICS (CCL4,MCB)

Additional ID Information

Process Group: SUBMERGED QUENCH INC Location: SINGLE CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: ATOMIZED LIQUID Feed Location: GAS INLET
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
902C1R1	15 lbs/hr					
902C1R2	17 lbs/hr					
902C1R3	17 lbs/hr					

5. Type: WASTE

6. Description: ORGANIC

Additional ID Information

Process Group: SUBMERGED QUENCH INC Location: SINGLE CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: ATOMIZED LIQUID Feed Location: GAS INLET
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
902C1R1	10266 lbs/hr	65.4			74.8	46.5
902C1R2	10614 lbs/hr	64.8			74.8	46.4
902C1R3	10794 lbs/hr	63.5			74.8	45.3

US EPA ARCHIVE DOCUMENT

SECTION 6: OTHER STREAM RATES

1. COMPANY: ROLLINS ENVIRONMENTAL SERVICES
 2. STATE: LA
 3. CITY: BATON ROUGE
 4. EP ID: 214 DEVICE NAME: SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: IWS
 EPA LAD010395127 REGION: 6

5. Type: SPIKE

6. Description: METALS (BA,CD,CR,PB,HG)/ORGANICS (CCL4)

Additional ID Information

Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: SOLID

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
214C1R1	3186 lbs/hr					
214C1R2	3207 lbs/hr					
214C1R3	3269 lbs/hr					

5. Type: WASTE

6. Description:

Additional ID Information

Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: SLUDGE

Feed Stream Information

Feed Mechanism: SLUDGE LANCE Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
214C1R1	963 lbs/hr		1851 Btu/lb	47.3		
214C1R2	1554 lbs/hr		1851 Btu/lb	47.3		
214C1R3	1462 lbs/hr		1851 Btu/lb	47.3		
214C3R1	1296 lbs/hr		9291 Btu/lb			
214C3R2	960 lbs/hr		7959 Btu/lb			
214C3R3	750 lbs/hr		7706 Btu/lb			

Additional ID Information

Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: SOLID

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
214C1R1	638 lbs/hr		12240 Btu/lb			
214C1R2	629 lbs/hr		12240 Btu/lb			
214C1R3	665 lbs/hr		12240 Btu/lb			

6. Description: 4400

Additional ID Information

Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: SOLID

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
214C1R1	717 lbs/hr		5777 Btu/lb			
214C1R2	714 lbs/hr		5777 Btu/lb			
214C1R3	778 lbs/hr		5777 Btu/lb			

6. Description: 4591-TICL4

US EPA ARCHIVE DOCUMENT

SECTION 6: OTHER STREAM RATES

1. COMPANY: ROLLINS ENVIRONMENTAL SERVICES
 2. STATE: LA
 3. CITY: BATON ROUGE
 4. EP ID: 214 DEVICE NAME:

EPA ID: LAD010395127
 SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: IWS

REGION: 6

Additional ID Information

Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: ?

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
214C1R1	1653 lbs/hr		11131 Btu/lb			
214C1R2	1026 lbs/hr		11131 Btu/lb			
214C1R3	984 lbs/hr		11131 Btu/lb			

6. Description: ALKYLs

Additional ID Information

Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: ?

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
214C1R1	556 lbs/hr		18570 Btu/lb			
214C1R2	516 lbs/hr		18570 Btu/lb			
214C1R3	444 lbs/hr		18570 Btu/lb			

6. Description: BLEND

Additional ID Information

Process Group: ROTARY KILN Location: ALL CHAMBERS Phase: LIQUID

Feed Stream Information

Feed Mechanism: ALKYLs PORTS Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
214C2R1	8850 lbs/hr		10501 Btu/lb			
214C2R2	9696 lbs/hr		9425 Btu/lb			
214C2R3	9510 lbs/hr		9864 Btu/lb			
214C3R1	11220 lbs/hr		9755 Btu/lb			
214C3R2	10992 lbs/hr		7030 Btu/lb			
214C3R3	11034 lbs/hr		7741 Btu/lb			

6. Description: NITRODPHENYLAMINE

Additional ID Information

Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: SOLID

Feed Stream Information

Feed Mechanism: SOLIDS CHUTE Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
214C3R1	1386 lbs/hr		11679 Btu/lb			
214C3R2	1404 lbs/hr		11679 Btu/lb			
214C3R3	1446 lbs/hr		11679 Btu/lb			

6. Description: SYN. KILN SOLIDS

US EPA ARCHIVE DOCUMENT

SECTION 6: OTHER STREAM RATES

1. COMPANY: ROLLINS ENVIRONMENTAL SERVICES
 2. STATE: LA
 3. CITY: BATON ROUGE
 4. EP ID: 214 DEVICE NAME:

EPA ID: LAD010395127
 SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: IWS

REGION: 6

Additional ID Information

Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: SOLID

Feed Stream Information

Feed Mechanism: SOLIDS CHUTE Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
214C2R1	3258 lbs/hr					
214C2R2	3162 lbs/hr					
214C2R3	3174 lbs/hr					
214C3R1	5862 lbs/hr					
214C3R2	5796 lbs/hr					
214C3R3	5652 lbs/hr					

6. Description: T-10

Additional ID Information

Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: ?

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
214C1R1	2831 lbs/hr		12602 Btu/lb	34.1		
214C1R2	3240 lbs/hr		12602 Btu/lb	34.1		
214C1R3	3294 lbs/hr		12602 Btu/lb	34.1		

6. Description: T-10-A

Additional ID Information

Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: ?

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
214C1R1	129 lbs/hr		12956 Btu/lb	31.9		
214C1R2	262 lbs/hr		12956 Btu/lb	31.9		
214C1R3	83 lbs/hr		12956 Btu/lb	31.9		

6. Description: T-OX

Additional ID Information

Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: ?

Feed Stream Information

Feed Mechanism: ? Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
214C1R1	1456 lbs/hr		989 Btu/lb	30.3		
214C1R2	1824 lbs/hr		989 Btu/lb	30.3		
214C1R3	1860 lbs/hr		989 Btu/lb	30.3		

6. Description: THEMALOX WASTEWATER

US EPA ARCHIVE DOCUMENT

SECTION 6: OTHER STREAM RATES

1. COMPANY: ROLLINS ENVIRONMENTAL SERVICES
 2. STATE: LA
 3. CITY: BATON ROUGE
 4. EP ID: 214 DEVICE NAME:

EPA LAD010395127
 SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: IWS

REGION: 6

Additional ID Information

Process Group: ROTARY KILN Location: TERITARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: T-OX GUN Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
214C2R1	10218 lbs/hr					
214C2R2	10278 lbs/hr					
214C2R3	10188 lbs/hr					
214C3R1	4578 lbs/hr					
214C3R2	4572 lbs/hr					
214C3R3	4530 lbs/hr					

6. Description: TITANIUM CCL4

Additional ID Information

Process Group: ROTARY KILN Location: SECONDARY CHAMBER Phase: LIQUID

Feed Stream Information

Feed Mechanism: GUN (MAIN) Feed Location: ?
 Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
214C3R1	2190 lbs/hr					
214C3R2	2088 lbs/hr					
214C3R3	2406 lbs/hr					