SECTION 6: OTHER STREAM RATES

1. COMPANY: ROLLINS ENVIRONMENTAL SERVICES
2. STATE: NJ
3. CITY: BRIDGEPORT EPA ID: NJD053288239 REGION: 2
4. EP ID: 216 DEVICE NAME: SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: HES/WS

5. Type: WASTE

6. Description: DRUMS

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 (%)
216C4R1	2 drum/hr					
216C4R2	1 drum/hr					

6. Description: SILVEX HERBICIDE

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 (%)
216C4R1	370 lbs/hr					
216C4R2	464 lbs/hr					
216C4R3	278 lbs/hr					

6. Description: SILVEX HERBICIED

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 (%)
216C4R1	5442 lbs/hr					
216C4R2	5280 lbs/hr					
216C4R3	5095 lbs/hr					

SECTION 6: OTHER STREAM RATES

1. COMPANY: ROLLINS ENVIRONMENTAL SERVICES
2. STATE: TX
3. CITY: DEER PARK EPA ID: TX0055141378 REGION: 6
4. EP ID: 221 DEVICE NAME: RES (TX) INCINERATOR SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: PT

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 (%)
221C3R1	6444 lbs/hr		100	Btu/lb			
221C3R2	6444 lbs/hr		100	Btu/lb			
221C3R3	6444 lbs/hr		100	Btu/lb			
221C5R1	5076 lbs/hr		100	Btu/lb			
221C5R2	5076 lbs/hr		100	Btu/lb			
221C5R3	5076 lbs/hr		100	Btu/lb			

6. Description: CONTAMINATED DIRT

Additional ID Information
Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: SOLID

Feed Stream Information
Feed Mechanism: SOLIDS CHUTE 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 (%)
221C3R1	6228 lbs/hr		100	Btu/lb			
221C3R2	6228 lbs/hr		100	Btu/lb			
221C3R3	6228 lbs/hr		100	Btu/lb			

6. Description: DRUMS

Additional ID Information
Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: SOLID

Feed Stream Information
Feed Mechanism: DRUM DUMPER 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 (%)
221C2R1	6318 lbs/hr		4054	Btu/lb			
221C2R2	6318 lbs/hr		3814	Btu/lb			
221C2R3	6318 lbs/hr		4804	Btu/lb			
221C4R1	13062 lbs/hr		3835	Btu/lb			
221C4R2	13062 lbs/hr		3934	Btu/lb			
221C4R3	13062 lbs/hr		3791	Btu/lb			
221C5R1	5004 lbs/hr		3632	Btu/lb			
221C5R2	5004 lbs/hr		3632	Btu/lb			
221C5R3	5004 lbs/hr		3632	Btu/lb			

6. Description: INDUSTRIAL

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 (%)
221C1R1	5004 lbs/hr		11499	Btu/lb			
221C1R2	5004 lbs/hr		11200	Btu/lb			
221C1R3	5004 lbs/hr		11197	Btu/lb			
221C2R1	2406 lbs/hr		10231	Btu/lb			

1. COMPANY: ROLLINS ENVIRONMENTAL SERVICES
2. STATE: TX
3. CITY: DEER PARK EPA ID: TX0055141378 REGION: 6
4. EP ID: 221 DEVICE NAME: RES (TX) INCINERATOR SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: PT

221C2R2	2406 lbs/hr		10053	Btu/lb			
221C2R3	2406 lbs/hr		9198	Btu/lb			
221C3R1	4644 lbs/hr		11398	Btu/lb			
221C3R2	4644 lbs/hr		11342	Btu/lb			
221C3R3	4644 lbs/hr		11309	Btu/lb			
221C4R1	2094 lbs/hr		12644	Btu/lb			
221C4R2	2094 lbs/hr		12544	Btu/lb			
221C4R3	2094 lbs/hr		12124	Btu/lb			
221C5R1	5988 lbs/hr		12069	Btu/lb			
221C5R2	5988 lbs/hr		11904	Btu/lb			
221C5R3	5988 lbs/hr		12016	Btu/lb			

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 (%)
221C1R1	2226 lbs/hr		11499	Btu/lb			
221C1R2	2226 lbs/hr		11200	Btu/lb			
221C1R3	2226 lbs/hr		11197	Btu/lb			
221C2R1	5646 lbs/hr		10231	Btu/lb			
221C2R2	5646 lbs/hr		10053	Btu/lb			
221C2R3	5646 lbs/hr		9198	Btu/lb			
221C3R1	8262 lbs/hr		11398	Btu/lb			
221C3R2	8262 lbs/hr		11342	Btu/lb			
221C3R3	8262 lbs/hr		11309	Btu/lb			
221C4R1	5538 lbs/hr		12644	Btu/lb			
221C4R2	5538 lbs/hr		12544	Btu/lb			
221C4R3	5538 lbs/hr		12124	Btu/lb			
221C5R1	5724 lbs/hr		12069	Btu/lb			
221C5R2	5724 lbs/hr		11904	Btu/lb			
221C5R3	5724 lbs/hr		12016	Btu/lb			

6. Description: T-OX WASTE WATER

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 (%)
221C2R1	3960 lbs/hr					
221C2R2	3960 lbs/hr					
221C2R3	3960 lbs/hr					
221C3R1	3966 lbs/hr					
221C3R2	3966 lbs/hr					
221C3R3	3966 lbs/hr					
221C4R1	3366 lbs/hr					
221C4R2	3366 lbs/hr					
221C4R3	3366 lbs/hr					

SECTION 6: OTHER STREAM RATES

1. COMPANY: ROSS INCINERATION SERVICES
2. STATE: OH
3. CITY: GRAFTON EPA ID: OHD048415665 REGION: 5
4. EP ID: 331 DEVICE NAME: SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: PT/IWS

5. Type: WASTE

6. Description: TOTAL

Additional ID Information

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

Feed Stream Information

Feed Mechanism: AUTOMATED Feed Location: PRIMARY+SEC CHAMB

Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
331C1R1	22562 lbs/hr					
331C1R2	22447 lbs/hr					
331C1R3	23072 lbs/hr					

SECTION 6: OTHER STREAM RATES

1. COMPANY: SHELL OIL CO.
2. STATE: CA
3. CITY: MARTINEZ EPA CAD009164021 REGION: 9
4. EP ID: 726 DEVICE NAME: RM-17 INCINERATOR SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: QC/CS/DM/VS

5. Type: WASTE

6. Description: ORGANIC (TOLUENE)

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 (%)
726C1R1	gpm					
726C1R2	gpm					
726C1R3	gpm		18100 Btu/lb	.6		
726C2R1	gpm					
726C2R2	gpm					
726C2R3	gpm					

SECTION 6: OTHER STREAM RATES

1. COMPANY: TENNESSEE EASTMAN CO.
2. STATE: TN
3. CITY: KINGSPORT EPA ID: TND003376928 REGION: 4
4. EP ID: 809 DEVICE NAME: NO. 1 ROTARY KILN SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: VS

5. Type: WASTE

6. Description: ORGANIC

Additional ID Information
Process Group: ROTARY KILN 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 (%)
809C1R1	4181 lbs/hr				66.8	
809C1R2	4416 lbs/hr				66.8	
809C1R3	4428 lbs/hr				66.8	
809C2R1	4272 lbs/hr				66.8	
809C2R2	4287 lbs/hr				66.8	
809C2R3	4269 lbs/hr				66.8	

6. Description: RIVER WATER

Additional ID Information
Process Group: ROTARY KILN 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 (%)
809C1R1	2962 lbs/hr				62.4	
809C1R2	3294 lbs/hr				62.4	
809C1R3	3325 lbs/hr				62.4	

6. Description: SOLUTION A

Additional ID Information
Process Group: ROTARY KILN 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 (%)
809C1R1	63 lbs/hr				65.7	
809C1R2	63 lbs/hr				65.7	
809C1R3	63 lbs/hr				65.7	
809C2R1	2349 lbs/hr				65.7	
809C2R2	2349 lbs/hr				65.7	
809C2R3	2075 lbs/hr				65.7	

6. Description: SOLUTION B

Additional ID Information
Process Group: ROTARY KILN 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 (%)
809C1R1	20 lbs/hr				72.5	
809C1R2	20 lbs/hr				72.5	
809C1R3	20 lbs/hr				72.5	
809C2R1	225 lbs/hr				72.5	
809C2R2	225 lbs/hr				72.5	
809C2R3	225 lbs/hr				72.5	

SECTION 6: OTHER STREAM RATES

1. COMPANY: TENNESSEE EASTMAN CO.
2. STATE: TN
3. CITY: KINGSPORT EPA ID: TND003376928 REGION: 4
4. EP ID: 809 DEVICE NAME: NO. 1 ROTARY KILN SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: VS

6. Description: SOLUTION C

Additional ID Information

Process Group: ROTARY KILN 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 (%)
809C1R1	14 lbs/hr				80.6	
809C1R2	14 lbs/hr				80.6	
809C1R3	14 lbs/hr				80.6	
809C2R1	202 lbs/hr				80.6	
809C2R2	202 lbs/hr				80.6	
809C2R3	202 lbs/hr				80.6	

SECTION 6: OTHER STREAM RATES

1. COMPANY: TENNESSEE EASTMAN CO.
2. STATE: TN
3. CITY: KINGSPORT EPA ID: TND003376928 REGION: 4
4. EP ID: 810 DEVICE NAME: LIQUID CHEMICAL DEST SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: Q/VS/PBS

5. Type: WASTE

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 (%)
810C1R1	6502 lbs/hr				66.8	
810C1R2	6490 lbs/hr				66.8	
810C1R3	5315 lbs/hr				66.8	
810C2R1	3750 lbs/hr				66.8	
810C2R2	3879 lbs/hr				66.8	
810C2R3	3730 lbs/hr				66.8	

6. Description: RIVER WATER

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 (%)
810C1R1	3840 lbs/hr				62.4	
810C1R2	3840 lbs/hr				62.4	
810C1R3	3836 lbs/hr				62.4	
810C2R1	3835 lbs/hr				62.4	
810C2R2	3726 lbs/hr				62.4	
810C2R3	3735 lbs/hr				62.4	

6. Description: SOLUTION A

Additional ID Information
Process Group: LIQUID INJECTION Location: SINGLE CHAMBER Phase: LIQUID

Feed Stream Information
Feed Mechanism: ATOMIZED LIQUIDS Feed Location: ?
Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
810C1R1	63 lbs/hr				65.7	
810C1R2	63 lbs/hr				65.7	
810C1R3	63 lbs/hr				65.7	
810C2R1	2349 lbs/hr				65.7	
810C2R2	2349 lbs/hr				65.7	
810C2R3	2349 lbs/hr				65.7	

6. Description: SOLUTION B

Additional ID Information
Process Group: LIQUID INJECTION Location: SINGLE CHAMBER Phase: LIQUID

Feed Stream Information
Feed Mechanism: ATOMIZED LIQUIDS Feed Location: ?
Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
810C1R1	20 lbs/hr				72.5	
810C1R2	20 lbs/hr				72.5	
810C1R3	20 lbs/hr				72.5	
810C2R1	225 lbs/hr				72.5	

1. COMPANY: TENNESSEE EASTMAN CO.
2. STATE: TN
3. CITY: KINGSPORT EPA ID: TND003376928 REGION: 4
4. EP ID: 810 DEVICE NAME: LIQUID CHEMICAL DEST SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: Q/VS/PBS

810C2R2	225 lbs/hr				72.5	
810C2R3	225 lbs/hr				72.5	

6. Description: SOLUTION C

Additional ID Information

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

Feed Stream Information

Feed Mechanism: ATOMIZED LIQUIDS Feed Location: ?

Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
810C1R1	8 lbs/hr				80.6	
810C1R2	8 lbs/hr				80.6	
810C1R3	8 lbs/hr				80.6	
810C2R1	335 lbs/hr				80.6	
810C2R2	335 lbs/hr				80.6	
810C2R3	335 lbs/hr				80.6	

SECTION 6: OTHER STREAM RATES

1. COMPANY: THERMALKEM
2. STATE: SC
3. CITY: ROCK HILL EPA SCD044442333 REGION: 4
4. EP ID: 332 DEVICE NAME: SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: WS

5. Type: FUEL

6. Description: OIL

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 (%)
332C1R1	gpm					
332C1R2	gpm					
332C1R3	1 gpm					
332C1R4	gpm					
332C1R5	gpm					

5. Type: WASTE

6. Description:

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 (%)
332C1	1828 lbs/hr					
332C1R1	1831 lbs/hr		8580 Btu/lb			
332C1R2	2017 lbs/hr		8990 Btu/lb			
332C1R3	1870 lbs/hr		9390 Btu/lb			
332C1R4	1642 lbs/hr		9220 Btu/lb			
332C1R5	1781 lbs/hr		9910 Btu/lb			

6. Description: PALLETS

Additional ID Information
Process Group: FIXED HEARTH Location: PRIMARY CHAMBER Phase: SOLID

Feed Stream Information
Feed Mechanism: RAM FEED CONTAINERS Feed Location: ?
Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
332C1	1891 lbs/hr					
332C1R1	2844 lbs/hr		6680 Btu/lb			
332C1R2	2720 lbs/hr		7040 Btu/lb			
332C1R3	1204 lbs/hr		7170 Btu/lb			
332C1R4	1401 lbs/hr		6820 Btu/lb			
332C1R5	1288 lbs/hr		6440 Btu/lb			

SECTION 6: OTHER STREAM RATES

1. COMPANY: TRADE WASTE INCINERATION
2. STATE: IL
3. CITY: SAUGET EPA ID: ILD098642424 REGION: 5
4. EP ID: 333 DEVICE NAME: UNIT NO. 4 SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: SD/FF

5. Type: SPIKE

6. Description: ORGANICS (CARBON TETRACHLORIDE)

Additional ID Information
Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information
Feed Mechanism: FEED NOZZEL Feed Location: FED W/ SLUDGE
Manufacturer: ? Number of Burners: 3

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value		Viscosity, cSt	Density, lb/ft3	Ash (%)
333C1R1	60 lbs/hr		432	Btu/lb			
333C1R2	56 lbs/hr		432	Btu/lb			
333C1R3	59 lbs/hr		432	Btu/lb			
333C1R4	60 lbs/hr		432	Btu/lb			
333C2R1	74 lbs/hr		432	Btu/lb			
333C2R2	76 lbs/hr		432	Btu/lb			
333C2R3	75 lbs/hr		432	Btu/lb			
333C2R4	75 lbs/hr		432	Btu/lb			

6. Description: ORGANICS (HEXACHLOROETHANE)

Additional ID Information
Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information
Feed Mechanism: RAM FEED Feed Location: FED W/BULK FEED
Manufacturer: ? Number of Burners: NA

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value		Viscosity, cSt	Density, lb/ft3	Ash (%)
333C1R1	169 lbs/hr		828	Btu/lb			
333C1R2	166 lbs/hr		828	Btu/lb			
333C1R3	165 lbs/hr		828	Btu/lb			
333C1R4	164 lbs/hr		828	Btu/lb			
333C2R1	246 lbs/hr		828	Btu/lb			
333C2R2	248 lbs/hr		828	Btu/lb			
333C2R3	244 lbs/hr		828	Btu/lb			
333C2R4	251 lbs/hr		828	Btu/lb			

6. Description: ORGANICS (MONOCHLOROBENZENE)

Additional ID Information
Process Group: ROTARY KILN Location: SECONDARY CHAMBER Phase: LIQUID

Feed Stream Information
Feed Mechanism: FEED NOZZEL Feed Location: FED W/LIQUID ORGANIC
Manufacturer: ? Number of Burners: NA

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value		Viscosity, cSt	Density, lb/ft3	Ash (%)
333C2R1	75 lbs/hr		11880	Btu/lb			
333C2R2	76 lbs/hr		11880	Btu/lb			
333C2R3	76 lbs/hr		11880	Btu/lb			
333C2R4	75 lbs/hr		11880	Btu/lb			

6. Description: ORGANICS (TRICHLOROBENZENE)

Additional ID Information
Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information
Feed Mechanism: RAM FEED Feed Location: FED W/CONTAIN. WASTE
Manufacturer: ? Number of Burners: NA

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value		Viscosity, cSt	Density, lb/ft3	Ash (%)
333C1R1	201 lbs/hr		6120	Btu/lb			
333C1R2	209 lbs/hr		6120	Btu/lb			

1. COMPANY: TRADE WASTE INCINERATION
2. STATE: IL
3. CITY: SAUGET EPA ID: ILD098642424 REGION: 5
4. EP ID: 333 DEVICE NAME: UNIT NO. 4 SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: SD/FF

333C1R3	175 lbs/hr		6120	Btu/lb			
333C1R4	196 lbs/hr		6120	Btu/lb			
333C2R1	311 lbs/hr		6120	Btu/lb			
333C2R2	270 lbs/hr		6120	Btu/lb			
333C2R3	270 lbs/hr		6120	Btu/lb			
333C2R4	291 lbs/hr		6120	Btu/lb			

5. Type: WASTE

6. Description:

Additional ID Information
Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: SLUDGE

Feed Stream Information
Feed Mechanism: FEED NOZZEL Feed Location: HIGH END
Manufacturer: ? Number of Burners: 3

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value		Viscosity, cSt	Density, lb/ft3	Ash (%)
333C1R1	981 lbs/hr		13981	Btu/lb			
333C1R2	1194 lbs/hr		9856	Btu/lb			
333C1R3	1082 lbs/hr		11847	Btu/lb			
333C1R4	1190 lbs/hr		12368	Btu/lb			
333C2R1	1115 lbs/hr		9054	Btu/lb			
333C2R2	1085 lbs/hr		8735	Btu/lb			
333C2R3	989 lbs/hr		8948	Btu/lb			
333C2R4	1038 lbs/hr		8949	Btu/lb			

6. Description: AQUEOUS

Additional ID Information
Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information
Feed Mechanism: FEED NOZZEL Feed Location: HIGH END
Manufacturer: ? Number of Burners: 3

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value		Viscosity, cSt	Density, lb/ft3	Ash (%)
333C1R1	1463 lbs/hr		789	Btu/lb			
333C1R2	2006 lbs/hr		652	Btu/lb			
333C1R3	1600 lbs/hr		606	Btu/lb			
333C1R4	1767 lbs/hr		430	Btu/lb			
333C2R1	1842 lbs/hr		385	Btu/lb			
333C2R2	1300 lbs/hr		409	Btu/lb			
333C2R3	1332 lbs/hr		324	Btu/lb			
333C2R4	1501 lbs/hr		441	Btu/lb			

6. Description: BULK SOLIDS

Additional ID Information
Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: SOLID

Feed Stream Information
Feed Mechanism: RAM FEED 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 (%)
333C1R1	8274 lbs/hr		369	Btu/lb			
333C1R2	8151 lbs/hr		369	Btu/lb			
333C1R3	8079 lbs/hr		369	Btu/lb			
333C1R4	8037 lbs/hr		369	Btu/lb			
333C2R1	12072 lbs/hr		911	Btu/lb			
333C2R2	12176 lbs/hr		911	Btu/lb			
333C2R3	11954 lbs/hr		595	Btu/lb			
333C2R4	12282 lbs/hr		508	Btu/lb			

SECTION 6: OTHER STREAM RATES

1. COMPANY: TRADE WASTE INCINERATION
2. STATE: IL
3. CITY: SAUGET EPA ID: ILD098642424 REGION: 5
4. EP ID: 333 DEVICE NAME: UNIT NO. 4 SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: SD/FF

6. Description: CONTAINERIZED

Additional ID Information

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

Feed Stream Information

Feed Mechanism: RAM FEED 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 (%)
333C1R1	1728 lbs/hr		2597	Btu/lb			
333C1R2	1708 lbs/hr		976	Btu/lb			
333C1R3	1680 lbs/hr		1028	Btu/lb			
333C1R4	1673 lbs/hr		343	Btu/lb			
333C2R1	2433 lbs/hr		45	Btu/lb			
333C2R2	2245 lbs/hr		30	Btu/lb			
333C2R3	2433 lbs/hr		37	Btu/lb			
333C2R4	2515 lbs/hr		54	Btu/lb			

6. Description: LAB PACKS

Additional ID Information

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

Feed Stream Information

Feed Mechanism: RAM FEED 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 (%)
333C1R1	229 lbs/hr					
333C1R2	234 lbs/hr					
333C1R3	225 lbs/hr					
333C1R4	262 lbs/hr					
333C2R1	366 lbs/hr					
333C2R2	473 lbs/hr					
333C2R3	319 lbs/hr					
333C2R4	336 lbs/hr					

6. Description: ORGANIC

Additional ID Information

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

Feed Stream Information

Feed Mechanism: FEED NOZZEL 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 (%)
333C2R1	971 lbs/hr		13368	Btu/lb			
333C2R2	960 lbs/hr		13570	Btu/lb			
333C2R3	948 lbs/hr		14383	Btu/lb			
333C2R4	1043 lbs/hr		13049	Btu/lb			

SECTION 6: OTHER STREAM RATES

1. COMPANY: UPJOHN CO.
2. STATE: MI
3. CITY: KALAMAZOO EPA ID: MID000820381 REGION: 5
4. EP ID: 342 DEVICE NAME: SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: WHB/QC/S/VS/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 (%)
342C1R1						
342C1R2						
342C1R3						
342C2R1						
342C2R2						
342C2R3						

5. Type: WASTE

6. Description:

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: NA

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
342C1R1	731 lbs/hr					
342C1R2	690 lbs/hr					
342C1R3	689 lbs/hr					
342C2R1	634 lbs/hr					
342C2R2	426 lbs/hr					
342C2R3	240 lbs/hr					

Additional ID Information

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

Feed Stream Information

Feed Mechanism: DUAL FUEL BURNER Feed Location: ?

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 (%)
342C1R1	gpm		12402 Btu/lb	.7		
342C1R2	gpm		12203 Btu/lb	.6		
342C1R3	gpm		12244 Btu/lb	.7		
342C2R1	gpm		12217 Btu/lb	.6		
342C2R2	1 gpm		12710 Btu/lb	.6		
342C2R3	1 gpm		12215 Btu/lb	.6		

Additional ID Information

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

Feed Stream Information

Feed Mechanism: DUAL FUEL BURNER Feed Location: ?

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 (%)
342C1R1	1 gpm					
342C1R2	1 gpm					
342C1R3	gpm					
342C2R1	gpm					
342C2R2	gpm					
342C2R3	gpm					

SECTION 6: OTHER STREAM RATES

1. COMPANY: UPJOHN CO.
2. STATE: MI
3. CITY: KALAMAZOO EPA ID: MID000820381 REGION: 5
4. EP ID: 342 DEVICE NAME: SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: WHB/QC/S/VS/DM

SECTION 6: OTHER STREAM RATES

1. COMPANY: VELSICOL CHEMICAL CORPORATION
2. STATE: TN
3. CITY: MEMPHIS EPA ID: TND007024664 REGION: 4
4. EP ID: 905 DEVICE NAME: SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: QT/VS/AS/CS

5. Type: WASTE

6. Description: PCL,SPIKED

Additional ID Information

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

Feed Stream Information

Feed Mechanism: ATOMIZED LIQUIDS Feed Location: ?

Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
905C1R1	525 lbs/hr					
905C1R2	524 lbs/hr					
905C1R3	524 lbs/hr					

6. Description: R1A,SPIKED METALS (AS,CD,CR)

Additional ID Information

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

Feed Stream Information

Feed Mechanism: ATOMIZED LIQUIDS Feed Location: ?

Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
905C1R1	476 lbs/hr					
905C1R2	476 lbs/hr					
905C1R3	474 lbs/hr					

SECTION 6: OTHER STREAM RATES

1. COMPANY: VERTAC SUPERFUND SITE
2. STATE: AR
3. CITY: JACKSONVILLE EPA ID: ? REGION: 6
4. EP ID: 914 DEVICE NAME: SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: ?

5. Type: SPIKE

6. Description: ORGANICS

Additional ID Information
Process Group: ? Location: ? 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 (%)
914C1R1	100 lbs/hr		3200 Btu/lb			
914C1R2	100 lbs/hr		3200 Btu/lb			
914C1R3	100 lbs/hr		3200 Btu/lb			

5. Type: WASTE

6. Description: CONTAMINATED SOIL

Additional ID Information
Process Group: ? Location: ? 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 (%)
914C1R1	1172 lbs/hr					
914C1R2	1670 lbs/hr					
914C1R3	1615 lbs/hr					

6. Description: ORGANIC

Additional ID Information
Process Group: ? Location: ? 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 (%)
914C1R1	937 lbs/hr					
914C1R2	506 lbs/hr					
914C1R3	182 lbs/hr					

SECTION 6: OTHER STREAM RATES

1. COMPANY: VULCAN MATERIALS CO.
2. STATE: KS
3. CITY: WICHITA EPA KSD007482029 REGION: 7
4. EP ID: 229 DEVICE NAME: SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: WHB/ACS/HCS/CS

5. Type: BLOWDOWN

6. Description:

Additional ID Information
Process Group: LIQUID INJECTION Location: ACS 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 (%)
229C1R2						
229C1R3						
229C1R4						
229C2R1						
229C2R2						
229C2R4						

Additional ID Information
Process Group: LIQUID INJECTION Location: HCL 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 (%)
229C1R2						
229C1R3						
229C1R4						
229C2R1						
229C2R2						
229C2R4						

Additional ID Information
Process Group: LIQUID INJECTION Location: CAUSTIC 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 (%)
229C1R2						
229C1R3						
229C1R4						
229C2R1						
229C2R2						
229C2R4						

5. Type: FUEL

6. Description: NATURAL GAS

Additional ID Information
Process Group: LIQUID INJECTION Location: PRIMARY CHAMBER Phase: GAS

Feed Stream Information
Feed Mechanism: CONVENTIONAL BURNER Feed Location: BOTTOM OF CHAMBER
Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
229C1R2	16 scfm					
229C1R3	14 scfm					
229C1R4	13 scfm					
229C2R1	13 scfm					
229C2R2	13 scfm					
229C2R4	13 scfm					

SECTION 6: OTHER STREAM RATES

1. COMPANY: VULCAN MATERIALS CO.
2. STATE: KS
3. CITY: WICHITA EPA KSD007482029 REGION: 7
4. EP ID: 229 DEVICE NAME: SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: WHB/ACS/HCS/CS

5. Type: WASTE

6. Description: CARBON TETRACHLORIDE

Additional ID Information
Process Group: LIQUID INJECTION Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information
Feed Mechanism: ATOMIZING BURNER Feed Location: FRONT OF CHAMBER
Manufacturer: JOHN ZINK DH-1 Number of Burners: 1

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
229C1R2	42 lbs/hr					
229C1R3	40 lbs/hr					
229C1R4	41 lbs/hr					
229C2R1	39 lbs/hr					
229C2R2	41 lbs/hr					
229C2R4	40 lbs/hr					

6. Description: HEXACHLOROBENZENE

Additional ID Information
Process Group: LIQUID INJECTION Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information
Feed Mechanism: ATOMIZING BURNER Feed Location: FRONT OF CHAMBER
Manufacturer: JOHN ZINK DH-1 Number of Burners: 1

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
229C1R2	606 lbs/hr		4036 Btu/lb			.1
229C1R3	599 lbs/hr		4138 Btu/lb			.1
229C1R4	595 lbs/hr		4273 Btu/lb			.1
229C2R1	798 lbs/hr		4388 Btu/lb			.1
229C2R2	802 lbs/hr		3839 Btu/lb			
229C2R4	807 lbs/hr		4065 Btu/lb			

6. Description: SPIKED ORGANICS (CCL4,HCB)

Additional ID Information
Process Group: LIQUID INJECTION Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information
Feed Mechanism: ATOMIZING BURNER Feed Location: FRONT OF CHAMBER
Manufacturer: JOHN ZINK DH-1 Number of Burners: 1

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
229C3R1						
229C3R2						
229C4R1						
229C4R2						
229C5R1	1036 lbs/hr					
229C5R2	1022 lbs/hr					
229C6R1	847 lbs/hr					
229C6R2	922 lbs/hr					

6. Description: VENT GAS

Additional ID Information
Process Group: LIQUID INJECTION Location: PRIMARY CHAMBER Phase: GAS

Feed Stream Information
Feed Mechanism: CONVENTIONAL BURNER Feed Location: BOTTOM OF CHAMBER
Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
229C1R2	33 lbs/hr					

SECTION 6: OTHER STREAM RATES

1. COMPANY: VULCAN MATERIALS CO.
2. STATE: KS
3. CITY: WICHITA EPA KSD007482029 REGION: 7
4. EP ID: 229 DEVICE NAME: SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: WHB/ACS/HCS/CS

229C1R3	37 lbs/hr					
229C1R4	36 lbs/hr					
229C2R1	37 lbs/hr					
229C2R2	35 lbs/hr					
229C2R4	39 lbs/hr					

SECTION 6: OTHER STREAM RATES

1. COMPANY: WASTE TECHNOLOGIES INDUSTRIES
2. STATE: OH
3. CITY: EAST LIVERPOOL EPA OHD980613541 REGION: 5
4. EP ID: 222 DEVICE NAME: SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: WHB/SD/ESP/Q/PBS

5. Type: FUEL

6. Description: FUEL OIL LANCE

Additional ID Information
Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information
Feed Mechanism: LANCED 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 (%)
222C5R1	10 lbs/hr					
222C5R2	721 lbs/hr					
222C5R3	1007 lbs/hr					
222C5R4	763 lbs/hr					
222C5R5	1116 lbs/hr					

5. Type: SPIKE

6. Description: METALS (AS)

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 (%)
222C1R1	175 lbs/hr					
222C1R2	199 lbs/hr					
222C1R3	191 lbs/hr					

6. Description: METALS (BE)

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 (%)
222C1R1	31 lbs/hr					
222C1R2	32 lbs/hr					
222C1R3	32 lbs/hr					

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 (%)
222C1R1	3 lbs/hr					
222C1R2	3 lbs/hr					
222C1R3	3 lbs/hr					

6. Description: METALS (CD)

SECTION 6: OTHER STREAM RATES

1. COMPANY: WASTE TECHNOLOGIES INDUSTRIES
2. STATE: OH
3. CITY: EAST LIVERPOOL EPA ID: OHD980613541 REGION: 5
4. EP ID: 222 DEVICE NAME: SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: WHB/SD/ESP/Q/PBS

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 (%)
222C1R1	261 lbs/hr					
222C1R2	260 lbs/hr					
222C1R3	260 lbs/hr					

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 (%)
222C1R1	31 lbs/hr					
222C1R2	32 lbs/hr					
222C1R3	32 lbs/hr					

6. Description: METALS (CR)

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 (%)
222C1R1	175 lbs/hr					
222C1R2	199 lbs/hr					
222C1R3	191 lbs/hr					

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 (%)
222C1R1	207 lbs/hr					
222C1R2	200 lbs/hr					
222C1R3	186 lbs/hr					

6. Description: METALS (HG)

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 (%)
222C1R1	179 lbs/hr					
222C1R2	179 lbs/hr					
222C1R3	180 lbs/hr					

SECTION 6: OTHER STREAM RATES

1. COMPANY: WASTE TECHNOLOGIES INDUSTRIES
2. STATE: OH
3. CITY: EAST LIVERPOOL EPA ID: OHD980613541 REGION: 5
4. EP ID: 222 DEVICE NAME: SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: WHB/SD/ESP/Q/PBS

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 (%)
222C1R1	20 lbs/hr					
222C1R2	19 lbs/hr					
222C1R3	20 lbs/hr					

6. Description: METALS (PB)

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 (%)
222C1R1	279 lbs/hr					
222C1R2	278 lbs/hr					
222C1R3	278 lbs/hr					

6. Description: METALS (SB)

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 (%)
222C1R1	175 lbs/hr					
222C1R2	199 lbs/hr					
222C1R3	191 lbs/hr					

6. Description: ORGANICS (CCL4,TCE,MCB)

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 (%)
222C1R1	378 lbs/hr					
222C1R2	358 lbs/hr					
222C1R3	360 lbs/hr					
222C2R1	359 lbs/hr					
222C2R2	361 lbs/hr					
222C2R3	355 lbs/hr					
222C3R1	356 lbs/hr					
222C3R2	348 lbs/hr					
222C3R3	354 lbs/hr					
222C6R1	360 lbs/hr					
222C6R2	360 lbs/hr					
222C6R3	360 lbs/hr					
222C6R4	360 lbs/hr					

5. Type: WASTE

SECTION 6: OTHER STREAM RATES

1. COMPANY: WASTE TECHNOLOGIES INDUSTRIES
2. STATE: OH
3. CITY: EAST LIVERPOOL EPA ID: OHD980613541 REGION: 5
4. EP ID: 222 DEVICE NAME: SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: WHB/SD/ESP/Q/PBS

6. Description:

Additional ID Information
Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: SLUDGE

Feed Stream Information
Feed Mechanism: STEAM-ATOMIZED LANCE Feed Location: FRONT WALL OF KILN
Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value		Viscosity, cSt	Density, lb/ft3	Ash (%)
222C2R1	10251 lbs/hr	74.4	250	Btu/lb	1.7		24.1
222C2R2	9906 lbs/hr	70.4	250	Btu/lb	1.8		27.4
222C2R3	8668 lbs/hr	75.3	250	Btu/lb	1.6		22.7
222C4R1	1457 lbs/hr						
222C4R3	3977 lbs/hr						
222C4R4	3977 lbs/hr						
222C4R5	2016 lbs/hr						

6. Description: AQUEOUS

Additional ID Information
Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information
Feed Mechanism: STEAM-ATOMIZED LANCE Feed Location: FRONT WALL OF KILN
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 (%)
222C1R1	1173 lbs/hr					14.2
222C1R2	1963 lbs/hr					11.5
222C1R3	2268 lbs/hr					11.6

Additional ID Information
Process Group: ROTARY KILN Location: SECONDARY CHAMBER Phase: LIQUID

Feed Stream Information
Feed Mechanism: LANCED 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 (%)
222C1R1	1341 lbs/hr					14.2
222C1R2	1014 lbs/hr					11.3
222C1R3	997 lbs/hr					11.6
222C2R1	5305 lbs/hr					9.4
222C2R2	5153 lbs/hr					8.6
222C2R3	5260 lbs/hr					8.6

6. Description: BULK SOLIDS

Additional ID Information
Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: SOLID

Feed Stream Information
Feed Mechanism: FEED CHUTE (GRAVITY) Feed Location: FRONT WALL OF KILN
Manufacturer: ? Number of Burners: NA

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value		Viscosity, cSt	Density, lb/ft3	Ash (%)
222C3R1	3405 lbs/hr	8.2	7436	Btu/lb			2.7
222C3R2	3497 lbs/hr	8.3	7346	Btu/lb			2.5
222C3R3	3577 lbs/hr	11.2	7170	Btu/lb			2.9

6. Description: BULK SOLIDS (SAND)

SECTION 6: OTHER STREAM RATES

1. COMPANY: WASTE TECHNOLOGIES INDUSTRIES
2. STATE: OH
3. CITY: EAST LIVERPOOL EPA ID: OHD980613541 REGION: 5
4. EP ID: 222 DEVICE NAME: SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: WHB/SD/ESP/Q/PBS

Additional ID Information

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

Feed Stream Information

Feed Mechanism: FEED CHUTE (GRAVITY) Feed Location: FRONT WALL OF KILN

Manufacturer: ? Number of Burners: NA

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value		Viscosity, cSt	Density, lb/ft3	Ash (%)
222C1R2	1084 lbs/hr						
222C1R3	931 lbs/hr						
222C3R1	4721 lbs/hr	3	250	Btu/lb			96.3
222C3R2	4474 lbs/hr	3.4	250	Btu/lb			95.4
222C3R3	4888 lbs/hr	3.9	250	Btu/lb			95.6

6. Description: DRUMS

Additional ID Information

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

Feed Stream Information

Feed Mechanism: RAM FEED CONTAINERS Feed Location: FRONT WALL OF KILN

Manufacturer: ? Number of Burners: NA

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value		Viscosity, cSt	Density, lb/ft3	Ash (%)
222C1R1	6287 lbs/hr		6600	Btu/lb			11.8
222C1R2	7319 lbs/hr		6600	Btu/lb			11.8
222C1R3	7435 lbs/hr		6600	Btu/lb			11.8
222C3R1	7063 lbs/hr		6600	Btu/lb			11.8
222C3R2	7011 lbs/hr		6600	Btu/lb			11.8
222C3R3	7160 lbs/hr		6600	Btu/lb			11.8
222C4R3	3232 lbs/hr						
222C4R4	5721 lbs/hr						

6. Description: HI BTU

Additional ID Information

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

Feed Stream Information

Feed Mechanism: LANCED LIQUID Feed Location: FRONT WALL OF KILN

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 (%)
222C5R1	6208 lbs/hr					
222C5R2	6518 lbs/hr					
222C5R3	6380 lbs/hr					
222C5R4	6889 lbs/hr					
222C5R5	5364 lbs/hr					

6. Description: HIGH BTU

Additional ID Information

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

Feed Stream Information

Feed Mechanism: STEAM-ATOMIZED LANCE Feed Location: FRONT WALL OF KILN

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 (%)
222C1R1	5012 lbs/hr		19748	Btu/lb	2.5		
222C1R2	4851 lbs/hr		19705	Btu/lb	2.5		
222C1R3	4781 lbs/hr		19663	Btu/lb	2.5		
222C2R1	4694 lbs/hr		19770	Btu/lb	2.5		
222C2R2	5090 lbs/hr		19372	Btu/lb	2.5		
222C2R3	4795 lbs/hr		19661	Btu/lb	2.5		
222C3R1	2124 lbs/hr		19679	Btu/lb	2.5		
222C3R2	2397 lbs/hr		19746	Btu/lb	2.4		

1. COMPANY: WASTE TECHNOLOGIES INDUSTRIES
2. STATE: OH
3. CITY: EAST LIVERPOOL EPA OHD980613541 REGION: 5
4. EP ID: 222 DEVICE NAME: SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: WHB/SD/ESP/Q/PBS

222C3R3	2383 lbs/hr		19509	Btu/lb	2.4		
222C4R3	6068 lbs/hr						
222C4R4	5421 lbs/hr						
222C6R1	3104 lbs/hr	.4	18510	Btu/lb	3.5		.1
222C6R2	3754 lbs/hr	.1	18938	Btu/lb	3.5		
222C6R3	3851 lbs/hr	.1	19251	Btu/lb	3.6		
222C6R4	4671 lbs/hr		19244	Btu/lb	3.6		

6. Description: ORGANIC

Additional ID Information
Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information
Feed Mechanism: STEAM-ATOMIZED LANCE Feed Location: FRONT WALL OF KILN
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 (%)
222C1R1	1817 lbs/hr	82.5	2858	Btu/lb	1.2		.1
222C1R1	2270 lbs/hr						
222C1R2	1947 lbs/hr	78.4	3053	Btu/lb	1.3		.3
222C1R2	2438 lbs/hr						
222C1R3	1829 lbs/hr	81.1	2717	Btu/lb	1.3		.3
222C2R1	4953 lbs/hr		6120	Btu/lb			
222C2R2	4720 lbs/hr		6120	Btu/lb			
222C2R3	4951 lbs/hr		6120	Btu/lb			
222C3R1	2446 lbs/hr	74.8	3521	Btu/lb	1.4		.2
222C3R2	2599 lbs/hr	73.5	2808	Btu/lb	1.3		.1
222C3R3	2667 lbs/hr	78.3	2553	Btu/lb	1.2		.1
222C4R5	3659 lbs/hr						
222C6R1	4342 lbs/hr		6042	Btu/lb			
222C6R2	4861 lbs/hr		6042	Btu/lb			
222C6R3	4875 lbs/hr		6042	Btu/lb			
222C6R4	4876 lbs/hr		6042	Btu/lb			

6. Description: SLUDGE ORGANIC

Additional ID Information
Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: SLUDGE

Feed Stream Information
Feed Mechanism: LANCED PASTE Feed Location: FRONT WALL OF KILN
Manufacturer: WOLFENSBERGER Number of Burners: 1

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value		Viscosity, cSt	Density, lb/ft3	Ash (%)
222C6R1	8075 lbs/hr	73.4	250	Btu/lb	62.4		13.2
222C6R2	10035 lbs/hr	70.4	920	Btu/lb	<<<<		20.7
222C6R3	10036 lbs/hr	68.9	678	Btu/lb	<<		21.9
222C6R4	9724 lbs/hr	58.8	250	Btu/lb	<<<<		29

6. Description: SLURRY

Additional ID Information
Process Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: LIQUID

Feed Stream Information
Feed Mechanism: LANCED LIQUID Feed Location: FRONT WALL OF KILN
Manufacturer: WOLFENSBERGER Number of Burners: 1

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
222C5R1	4083 lbs/hr					
222C5R2	3513 lbs/hr					
222C5R3	2904 lbs/hr					
222C5R4	3371 lbs/hr					
222C5R5	2571 lbs/hr					

6. Description: SLURRY ORGANIC

SECTION 6: OTHER STREAM RATES

1. COMPANY: WASTE TECHNOLOGIES INDUSTRIES
2. STATE: OH
3. CITY: EAST LIVERPOOL EPA ID: OHD980613541 REGION: 5
4. EP ID: 222 DEVICE NAME: SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: WHB/SD/ESP/Q/PBS

Additional ID Information

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

Feed Stream Information

Feed Mechanism: STEAM-ATOMIZED LANCE Feed Location: FRONT WALL OF KILN

Manufacturer: WOLFENSBERGER Number of Burners: 1

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value		Viscosity, cSt	Density, lb/ft3	Ash (%)
222C1R1	1174 lbs/hr	68.7	250	Btu/lb	6.2		25.7
222C1R2	767 lbs/hr	65.9	250	Btu/lb	2		27.3
222C1R3	715 lbs/hr	61.3	250	Btu/lb	2.4		29.9
222C2R1	7860 lbs/hr	63.1	250	Btu/lb	2		35.8
222C2R2	8057 lbs/hr	67	250	Btu/lb	1.8		33.1
222C2R3	7393 lbs/hr	65.7	250	Btu/lb	1.7		33
222C6R1	8264 lbs/hr	77	250	Btu/lb	4.1		19.6
222C6R2	10052 lbs/hr	65.1	281	Btu/lb	<<		27.5
222C6R3	9767 lbs/hr	64.2	250	Btu/lb	<<<<		31
222C6R4	9192 lbs/hr	47.4	250	Btu/lb			49.3

6. Description: TANKS 1,2,5,7

Additional ID Information

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

Feed Stream Information

Feed Mechanism: LANCED LIQUID Feed Location: FRONT WALL OF KILN

Manufacturer: ? Number of Burners: ?

Stream Rates and Properties

7. Run ID	Process Rate	Moisture (%)	Heating Value	Viscosity, cSt	Density, lb/ft3	Ash (%)
222C7R1	11332 lbs/hr					
222C7R2	11143 lbs/hr					
222C7R3	10422 lbs/hr					
222C7R4	12541 lbs/hr					
222C7R5	10180 lbs/hr					

SECTION 6: OTHER STREAM RATES

1. COMPANY: ZENECA
2. STATE: NJ
3. CITY: BAYONNE EPA ID: NJD001707944 REGION: 2
4. EP ID: 725 DEVICE NAME: LV-3 INCINERATOR SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: WS/QT

5. Type: WASTE

6. Description: STILL BOTTOMS

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 (%)
725C1R1	14 lbs/hr					
725C1R2	14 lbs/hr					
725C1R3	14 lbs/hr					
725C2R1	49 lbs/hr					
725C2R2	49 lbs/hr					
725C2R3	49 lbs/hr					

6. Description: STILL TOPS

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 (%)
725C1R1	17 lbs/hr					
725C1R2	16 lbs/hr					
725C1R3	16 lbs/hr					
725C2R1	35 lbs/hr					
725C2R2	33 lbs/hr					
725C2R3	34 lbs/hr					

SECTION 7: EMISSIONS ANALYSES

1. COMPANY: 3M
2. STATE: MN
3. CITY: COTTAGE GROVE EPA ID: MND006172969 REGION: 5
4. EP ID: 334 DEVICE NAME: CHEMOLITE INCIN SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: WS/ESP/PT

5. Type: CONTROLLED

6. Description: EMISSIONS Process Group: ROTARY KILN Location: STACK Phase: GAS

7. Category: Dioxin & Furan

Analysis:

8. Substance	9. Run ID	Concentration				Mass Rate		Calc
4D 2378	334C1R1	ND	5.83e-2	ng/dscm	7%O2	4.13e-9	lbs/hr	CE7%O2
4D 2378	334C1R2	ND	5.02e-2	ng/dscm	7%O2	3.71e-9	lbs/hr	CE7%O2
4D 2378	334C1R3	ND	3.92e-2	ng/dscm	7%O2	3.06e-9	lbs/hr	CE7%O2
4D 2378	334C1R4		7.53e-2	ng/dscm	7%O2	5.71e-9	lbs/hr	CE7%O2
4D 2378	334C2R1	ND	3.77e-2	ng/dscm	7%O2	2.29e-9	lbs/hr	CE7%O2
4D 2378	334C2R2	ND	3.73e-2	ng/dscm	7%O2	2.63e-9	lbs/hr	CE7%O2
4D 2378	334C2R3	ND	4.16e-2	ng/dscm	7%O2	2.74e-9	lbs/hr	CE7%O2
4D 2378	334C2R4		4.29e-2	ng/dscm	7%O2	3.50e-9	lbs/hr	CE7%O2
4D Other	334C1R1		1.39e-1	ng/dscm	7%O2	9.83e-9	lbs/hr	CCE
4D Other	334C1R2		4.22e-2	ng/dscm	7%O2	3.12e-9	lbs/hr	CCE
4D Other	334C1R3		2.26e-1	ng/dscm	7%O2	1.76e-8	lbs/hr	CCE
4D Other	334C1R4		4.51e-1	ng/dscm	7%O2	3.42e-8	lbs/hr	CCE
4D Other	334C2R1		7.21e-1	ng/dscm	7%O2	4.37e-8	lbs/hr	CCE
4D Other	334C2R2		8.70e-2	ng/dscm	7%O2	6.15e-9	lbs/hr	CCE
4D Other	334C2R3		2.80e-1	ng/dscm	7%O2	1.85e-8	lbs/hr	CCE
4D Other	334C2R4		5.27e-1	ng/dscm	7%O2	4.30e-8	lbs/hr	CCE
4D Total	334C1R1		1.97e-1	ng/dscm	7%O2	1.40e-8	lbs/hr	CE7%O2
4D Total	334C1R2		9.24e-2	ng/dscm	7%O2	6.82e-9	lbs/hr	CE7%O2
4D Total	334C1R3		2.65e-1	ng/dscm	7%O2	2.07e-8	lbs/hr	CE7%O2
4D Total	334C1R4		5.26e-1	ng/dscm	7%O2	3.99e-8	lbs/hr	CE7%O2
4D Total	334C2R1		7.59e-1	ng/dscm	7%O2	4.60e-8	lbs/hr	CE7%O2
4D Total	334C2R2		1.24e-1	ng/dscm	7%O2	8.78e-9	lbs/hr	CE7%O2
4D Total	334C2R3		3.22e-1	ng/dscm	7%O2	2.12e-8	lbs/hr	CE7%O2
4D Total	334C2R4		5.70e-1	ng/dscm	7%O2	4.65e-8	lbs/hr	CE7%O2
4F 2378	334C1R1	ND	1.22e-1	ng/dscm	7%O2	8.65e-9	lbs/hr	CE7%O2
4F 2378	334C1R2	ND	1.23e-1	ng/dscm	7%O2	9.08e-9	lbs/hr	CE7%O2
4F 2378	334C1R3		7.91e-1	ng/dscm	7%O2	6.18e-8	lbs/hr	CE7%O2
4F 2378	334C1R4		1.41e+0	ng/dscm	7%O2	1.07e-7	lbs/hr	CE7%O2
4F 2378	334C2R1		2.80e+0	ng/dscm	7%O2	1.70e-7	lbs/hr	CE7%O2
4F 2378	334C2R2		1.29e+0	ng/dscm	7%O2	9.12e-8	lbs/hr	CE7%O2
4F 2378	334C2R3		1.52e+0	ng/dscm	7%O2	1.01e-7	lbs/hr	CE7%O2
4F 2378	334C2R4		2.44e+0	ng/dscm	7%O2	1.99e-7	lbs/hr	CE7%O2
4F Other	334C1R1		2.22e-1	ng/dscm	7%O2	1.57e-8	lbs/hr	CCE
4F Other	334C1R2		2.45e-1	ng/dscm	7%O2	1.81e-8	lbs/hr	CCE
4F Other	334C1R3		3.28e+0	ng/dscm	7%O2	2.56e-7	lbs/hr	CCE
4F Other	334C1R4		6.47e+0	ng/dscm	7%O2	4.90e-7	lbs/hr	CCE
4F Other	334C2R1		1.28e+1	ng/dscm	7%O2	7.76e-7	lbs/hr	CCE
4F Other	334C2R2		4.72e+0	ng/dscm	7%O2	3.33e-7	lbs/hr	CCE
4F Other	334C2R3		6.57e+0	ng/dscm	7%O2	4.33e-7	lbs/hr	CCE
4F Other	334C2R4		9.84e+0	ng/dscm	7%O2	8.02e-7	lbs/hr	CCE
4F Total	334C1R1		3.44e-1	ng/dscm	7%O2	2.44e-8	lbs/hr	CE7%O2
4F Total	334C1R2		3.68e-1	ng/dscm	7%O2	2.72e-8	lbs/hr	CE7%O2
4F Total	334C1R3		4.07e+0	ng/dscm	7%O2	3.18e-7	lbs/hr	CE7%O2
4F Total	334C1R4		7.88e+0	ng/dscm	7%O2	5.97e-7	lbs/hr	CE7%O2
4F Total	334C2R1		1.56e+1	ng/dscm	7%O2	9.46e-7	lbs/hr	CE7%O2
4F Total	334C2R2		6.01e+0	ng/dscm	7%O2	4.24e-7	lbs/hr	CE7%O2
4F Total	334C2R3		8.09e+0	ng/dscm	7%O2	5.34e-7	lbs/hr	CE7%O2
4F Total	334C2R4		1.23e+1	ng/dscm	7%O2	1.00e-6	lbs/hr	CE7%O2
5D 12378	334C1R1	ND	4.55e-2	ng/dscm	7%O2	3.22e-9	lbs/hr	CE7%O2
5D 12378	334C1R2	ND	3.62e-2	ng/dscm	7%O2	2.67e-9	lbs/hr	CE7%O2
5D 12378	334C1R3		5.86e-2	ng/dscm	7%O2	4.57e-9	lbs/hr	CE7%O2
5D 12378	334C1R4		9.60e-2	ng/dscm	7%O2	7.27e-9	lbs/hr	CE7%O2
5D 12378	334C2R1		1.96e-1	ng/dscm	7%O2	1.19e-8	lbs/hr	CE7%O2
5D 12378	334C2R2		9.35e-2	ng/dscm	7%O2	6.60e-9	lbs/hr	CE7%O2
5D 12378	334C2R3		1.30e-1	ng/dscm	7%O2	8.59e-9	lbs/hr	CE7%O2
5D 12378	334C2R4		1.88e-1	ng/dscm	7%O2	1.54e-8	lbs/hr	CE7%O2

1. COMPANY: 3M
2. STATE: MN
3. CITY: COTTAGE GROVE EPA ID: MND006172969 REGION: 5
4. EP ID: 334 DEVICE NAME: CHEMOLITE INCIN SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: WS/ESP/PT

5D	Other	334C1R1		2.16e-2	ng/dscm	7%O2	1.53e-9	lbs/hr	CCE
5D	Other	334C1R2		6.85e-3	ng/dscm	7%O2	5.06e-10	lbs/hr	CCE
5D	Other	334C1R3		5.49e-1	ng/dscm	7%O2	4.28e-8	lbs/hr	CCE
5D	Other	334C1R4		9.55e-1	ng/dscm	7%O2	7.23e-8	lbs/hr	CCE
5D	Other	334C2R1		1.69e+0	ng/dscm	7%O2	1.03e-7	lbs/hr	CCE
5D	Other	334C2R2		7.27e-1	ng/dscm	7%O2	5.14e-8	lbs/hr	CCE
5D	Other	334C2R3		9.47e-1	ng/dscm	7%O2	6.25e-8	lbs/hr	CCE
5D	Other	334C2R4		3.27e+0	ng/dscm	7%O2	2.67e-7	lbs/hr	CCE
5D	Total	334C1R1		6.71e-2	ng/dscm	7%O2	4.75e-9	lbs/hr	CE7%O2
5D	Total	334C1R2		4.30e-2	ng/dscm	7%O2	3.18e-9	lbs/hr	CE7%O2
5D	Total	334C1R3		6.07e-1	ng/dscm	7%O2	4.74e-8	lbs/hr	CE7%O2
5D	Total	334C1R4		1.05e+0	ng/dscm	7%O2	7.96e-8	lbs/hr	CE7%O2
5D	Total	334C2R1		1.89e+0	ng/dscm	7%O2	1.14e-7	lbs/hr	CE7%O2
5D	Total	334C2R2		8.21e-1	ng/dscm	7%O2	5.80e-8	lbs/hr	CE7%O2
5D	Total	334C2R3		1.08e+0	ng/dscm	7%O2	7.11e-8	lbs/hr	CE7%O2
5D	Total	334C2R4		3.46e+0	ng/dscm	7%O2	2.82e-7	lbs/hr	CE7%O2
5F	12378	334C1R1		1.51e-1	ng/dscm	7%O2	1.07e-8	lbs/hr	CE7%O2
5F	12378	334C1R2		1.53e-1	ng/dscm	7%O2	1.13e-8	lbs/hr	CE7%O2
5F	12378	334C1R3		3.14e-1	ng/dscm	7%O2	2.45e-8	lbs/hr	CE7%O2
5F	12378	334C1R4		5.84e-1	ng/dscm	7%O2	4.42e-8	lbs/hr	CE7%O2
5F	12378	334C2R1		1.46e+0	ng/dscm	7%O2	8.82e-8	lbs/hr	CE7%O2
5F	12378	334C2R2		6.96e-1	ng/dscm	7%O2	4.91e-8	lbs/hr	CE7%O2
5F	12378	334C2R3		1.06e+0	ng/dscm	7%O2	6.99e-8	lbs/hr	CE7%O2
5F	12378	334C2R4		1.35e+0	ng/dscm	7%O2	1.10e-7	lbs/hr	CE7%O2
5F	23478	334C1R1		1.53e-1	ng/dscm	7%O2	1.08e-8	lbs/hr	CE7%O2
5F	23478	334C1R2		1.23e-1	ng/dscm	7%O2	9.11e-9	lbs/hr	CE7%O2
5F	23478	334C1R3		5.00e-1	ng/dscm	7%O2	3.90e-8	lbs/hr	CE7%O2
5F	23478	334C1R4		7.32e-1	ng/dscm	7%O2	5.54e-8	lbs/hr	CE7%O2
5F	23478	334C2R1		3.30e+0	ng/dscm	7%O2	2.00e-7	lbs/hr	CE7%O2
5F	23478	334C2R2		2.33e+0	ng/dscm	7%O2	1.64e-7	lbs/hr	CE7%O2
5F	23478	334C2R3		2.08e+0	ng/dscm	7%O2	1.38e-7	lbs/hr	CE7%O2
5F	23478	334C2R4		2.10e+0	ng/dscm	7%O2	1.71e-7	lbs/hr	CE7%O2
5F	Other	334C1R1		1.28e+0	ng/dscm	7%O2	9.04e-8	lbs/hr	CCE
5F	Other	334C1R2		1.16e+0	ng/dscm	7%O2	8.60e-8	lbs/hr	CCE
5F	Other	334C1R3		3.64e+0	ng/dscm	7%O2	2.84e-7	lbs/hr	CCE
5F	Other	334C1R4		6.96e+0	ng/dscm	7%O2	5.28e-7	lbs/hr	CCE
5F	Other	334C2R1		1.84e+1	ng/dscm	7%O2	1.12e-6	lbs/hr	CCE
5F	Other	334C2R2		1.03e+1	ng/dscm	7%O2	7.27e-7	lbs/hr	CCE
5F	Other	334C2R3		1.34e+1	ng/dscm	7%O2	8.86e-7	lbs/hr	CCE
5F	Other	334C2R4		1.41e+1	ng/dscm	7%O2	1.15e-6	lbs/hr	CCE
5F	Total	334C1R1		1.58e+0	ng/dscm	7%O2	1.12e-7	lbs/hr	CE7%O2
5F	Total	334C1R2		1.44e+0	ng/dscm	7%O2	1.06e-7	lbs/hr	CE7%O2
5F	Total	334C1R3		4.46e+0	ng/dscm	7%O2	3.48e-7	lbs/hr	CE7%O2
5F	Total	334C1R4		8.28e+0	ng/dscm	7%O2	6.27e-7	lbs/hr	CE7%O2
5F	Total	334C2R1		2.32e+1	ng/dscm	7%O2	1.41e-6	lbs/hr	CE7%O2
5F	Total	334C2R2		1.33e+1	ng/dscm	7%O2	9.41e-7	lbs/hr	CE7%O2
5F	Total	334C2R3		1.66e+1	ng/dscm	7%O2	1.09e-6	lbs/hr	CE7%O2
5F	Total	334C2R4		1.75e+1	ng/dscm	7%O2	1.43e-6	lbs/hr	CE7%O2
6D	123478	334C1R1	ND	7.45e-2	ng/dscm	7%O2	5.28e-9	lbs/hr	CE7%O2
6D	123478	334C1R2	ND	1.09e-1	ng/dscm	7%O2	8.06e-9	lbs/hr	CE7%O2
6D	123478	334C1R3	ND	9.28e-2	ng/dscm	7%O2	7.24e-9	lbs/hr	CE7%O2
6D	123478	334C1R4		1.01e-1	ng/dscm	7%O2	7.66e-9	lbs/hr	CE7%O2
6D	123478	334C2R1		3.02e-1	ng/dscm	7%O2	1.83e-8	lbs/hr	CE7%O2
6D	123478	334C2R2		1.62e-1	ng/dscm	7%O2	1.14e-8	lbs/hr	CE7%O2
6D	123478	334C2R3		2.10e-1	ng/dscm	7%O2	1.38e-8	lbs/hr	CE7%O2
6D	123478	334C2R4		2.76e-1	ng/dscm	7%O2	2.25e-8	lbs/hr	CE7%O2
6D	123678	334C1R1		1.25e-1	ng/dscm	7%O2	8.82e-9	lbs/hr	CE7%O2
6D	123678	334C1R2	ND	1.13e-1	ng/dscm	7%O2	8.36e-9	lbs/hr	CE7%O2
6D	123678	334C1R3		1.47e-1	ng/dscm	7%O2	1.15e-8	lbs/hr	CE7%O2
6D	123678	334C1R4		1.86e-1	ng/dscm	7%O2	1.41e-8	lbs/hr	CE7%O2
6D	123678	334C2R1		4.85e-1	ng/dscm	7%O2	2.94e-8	lbs/hr	CE7%O2
6D	123678	334C2R2		2.68e-1	ng/dscm	7%O2	1.89e-8	lbs/hr	CE7%O2

1. COMPANY: 3M
2. STATE: MN
3. CITY: COTTAGE GROVE EPA ID: MND006172969 REGION: 5
4. EP ID: 334 DEVICE NAME: CHEMOLITE INCIN SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: WS/ESP/PT

6D	123678	334C2R3		3.04e-1	ng/dscm	7%O2	2.01e-8	lbs/hr	CE7%O2
6D	123678	334C2R4		4.36e-1	ng/dscm	7%O2	3.56e-8	lbs/hr	CE7%O2
6D	123789	334C1R1		9.29e-2	ng/dscm	7%O2	6.58e-9	lbs/hr	CE7%O2
6D	123789	334C1R2	ND	1.13e-1	ng/dscm	7%O2	8.36e-9	lbs/hr	CE7%O2
6D	123789	334C1R3		1.68e-1	ng/dscm	7%O2	1.31e-8	lbs/hr	CE7%O2
6D	123789	334C1R4		2.35e-1	ng/dscm	7%O2	1.78e-8	lbs/hr	CE7%O2
6D	123789	334C2R1		5.55e-1	ng/dscm	7%O2	3.36e-8	lbs/hr	CE7%O2
6D	123789	334C2R2		3.77e-1	ng/dscm	7%O2	2.66e-8	lbs/hr	CE7%O2
6D	123789	334C2R3		4.55e-1	ng/dscm	7%O2	3.00e-8	lbs/hr	CE7%O2
6D	123789	334C2R4		5.65e-1	ng/dscm	7%O2	4.61e-8	lbs/hr	CE7%O2
6D	Other	334C1R1		4.34e-1	ng/dscm	7%O2	3.08e-8	lbs/hr	CCE
6D	Other	334C1R2		-1.47e-2	ng/dscm	7%O2	-1.09e-9	lbs/hr	CCE
6D	Other	334C1R3		7.15e-1	ng/dscm	7%O2	5.58e-8	lbs/hr	CCE
6D	Other	334C1R4		1.20e+0	ng/dscm	7%O2	9.11e-8	lbs/hr	CCE
6D	Other	334C2R1		2.67e+0	ng/dscm	7%O2	1.62e-7	lbs/hr	CCE
6D	Other	334C2R2		1.44e+0	ng/dscm	7%O2	1.02e-7	lbs/hr	CCE
6D	Other	334C2R3		1.78e+0	ng/dscm	7%O2	1.17e-7	lbs/hr	CCE
6D	Other	334C2R4		2.25e+0	ng/dscm	7%O2	1.84e-7	lbs/hr	CCE
6D	Total	334C1R1		7.26e-1	ng/dscm	7%O2	5.14e-8	lbs/hr	CE7%O2
6D	Total	334C1R2		3.21e-1	ng/dscm	7%O2	2.37e-8	lbs/hr	CE7%O2
6D	Total	334C1R3		1.12e+0	ng/dscm	7%O2	8.76e-8	lbs/hr	CE7%O2
6D	Total	334C1R4		1.72e+0	ng/dscm	7%O2	1.31e-7	lbs/hr	CE7%O2
6D	Total	334C2R1		4.01e+0	ng/dscm	7%O2	2.43e-7	lbs/hr	CE7%O2
6D	Total	334C2R2		2.25e+0	ng/dscm	7%O2	1.59e-7	lbs/hr	CE7%O2
6D	Total	334C2R3		2.75e+0	ng/dscm	7%O2	1.81e-7	lbs/hr	CE7%O2
6D	Total	334C2R4		3.53e+0	ng/dscm	7%O2	2.88e-7	lbs/hr	CE7%O2
6F	123478	334C1R1		7.33e-1	ng/dscm	7%O2	5.19e-8	lbs/hr	CE7%O2
6F	123478	334C1R2		6.04e-1	ng/dscm	7%O2	4.46e-8	lbs/hr	CE7%O2
6F	123478	334C1R3		1.27e+0	ng/dscm	7%O2	9.95e-8	lbs/hr	CE7%O2
6F	123478	334C1R4		2.31e+0	ng/dscm	7%O2	1.75e-7	lbs/hr	CE7%O2
6F	123478	334C2R1		9.82e+0	ng/dscm	7%O2	5.96e-7	lbs/hr	CE7%O2
6F	123478	334C2R2		6.55e+0	ng/dscm	7%O2	4.62e-7	lbs/hr	CE7%O2
6F	123478	334C2R3		6.37e+0	ng/dscm	7%O2	4.20e-7	lbs/hr	CE7%O2
6F	123478	334C2R4		7.00e+0	ng/dscm	7%O2	5.71e-7	lbs/hr	CE7%O2
6F	123678	334C1R1		3.11e-1	ng/dscm	7%O2	2.20e-8	lbs/hr	CE7%O2
6F	123678	334C1R2		3.10e-1	ng/dscm	7%O2	2.29e-8	lbs/hr	CE7%O2
6F	123678	334C1R3		5.15e-1	ng/dscm	7%O2	4.02e-8	lbs/hr	CE7%O2
6F	123678	334C1R4		1.02e+0	ng/dscm	7%O2	7.75e-8	lbs/hr	CE7%O2
6F	123678	334C2R1		3.92e+0	ng/dscm	7%O2	2.38e-7	lbs/hr	CE7%O2
6F	123678	334C2R2		2.59e+0	ng/dscm	7%O2	1.83e-7	lbs/hr	CE7%O2
6F	123678	334C2R3		2.82e+0	ng/dscm	7%O2	1.86e-7	lbs/hr	CE7%O2
6F	123678	334C2R4		3.02e+0	ng/dscm	7%O2	2.46e-7	lbs/hr	CE7%O2
6F	123789	334C1R1	ND	8.54e-2	ng/dscm	7%O2	6.05e-9	lbs/hr	CE7%O2
6F	123789	334C1R2	ND	1.14e-1	ng/dscm	7%O2	8.40e-9	lbs/hr	CE7%O2
6F	123789	334C1R3		1.55e-1	ng/dscm	7%O2	1.21e-8	lbs/hr	CE7%O2
6F	123789	334C1R4		1.81e-1	ng/dscm	7%O2	1.37e-8	lbs/hr	CE7%O2
6F	123789	334C2R1		1.04e+0	ng/dscm	7%O2	6.34e-8	lbs/hr	CE7%O2
6F	123789	334C2R2		8.50e-1	ng/dscm	7%O2	6.00e-8	lbs/hr	CE7%O2
6F	123789	334C2R3		5.69e-1	ng/dscm	7%O2	3.75e-8	lbs/hr	CE7%O2
6F	123789	334C2R4		8.90e-1	ng/dscm	7%O2	7.26e-8	lbs/hr	CE7%O2
6F	234678	334C1R1		3.66e-1	ng/dscm	7%O2	2.60e-8	lbs/hr	CE7%O2
6F	234678	334C1R2		2.50e-1	ng/dscm	7%O2	1.85e-8	lbs/hr	CE7%O2
6F	234678	334C1R3		6.03e-1	ng/dscm	7%O2	4.70e-8	lbs/hr	CE7%O2
6F	234678	334C1R4		8.10e-1	ng/dscm	7%O2	6.14e-8	lbs/hr	CE7%O2
6F	234678	334C2R1		3.85e+0	ng/dscm	7%O2	2.33e-7	lbs/hr	CE7%O2
6F	234678	334C2R2		3.15e+0	ng/dscm	7%O2	2.22e-7	lbs/hr	CE7%O2
6F	234678	334C2R3		2.78e+0	ng/dscm	7%O2	1.83e-7	lbs/hr	CE7%O2
6F	234678	334C2R4		2.73e+0	ng/dscm	7%O2	2.22e-7	lbs/hr	CE7%O2
6F	Other	334C1R1		4.81e-2	ng/dscm	7%O2	3.41e-9	lbs/hr	CCE
6F	Other	334C1R2		-7.82e-2	ng/dscm	7%O2	-5.77e-9	lbs/hr	CCE
6F	Other	334C1R3		1.99e+0	ng/dscm	7%O2	1.55e-7	lbs/hr	CCE
6F	Other	334C1R4		4.47e+0	ng/dscm	7%O2	3.39e-7	lbs/hr	CCE

1. COMPANY: 3M
2. STATE: MN
3. CITY: COTTAGE GROVE EPA MND006172969 REGION: 5
4. EP ID: 334 DEVICE NAME: CHEMOLITE INCIN SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: WS/ESP/PT

6F Other	334C2R1		1.98e+1	ng/dscm	7%O2	1.20e-6	lbs/hr	CCE
6F Other	334C2R2		1.28e+1	ng/dscm	7%O2	9.07e-7	lbs/hr	CCE
6F Other	334C2R3		1.42e+1	ng/dscm	7%O2	9.39e-7	lbs/hr	CCE
6F Other	334C2R4		1.44e+1	ng/dscm	7%O2	1.17e-6	lbs/hr	CCE
6F Total	334C1R1		1.54e+0	ng/dscm	7%O2	1.09e-7	lbs/hr	CE7%O2
6F Total	334C1R2		1.20e+0	ng/dscm	7%O2	8.86e-8	lbs/hr	CE7%O2
6F Total	334C1R3		4.54e+0	ng/dscm	7%O2	3.54e-7	lbs/hr	CE7%O2
6F Total	334C1R4		8.79e+0	ng/dscm	7%O2	6.66e-7	lbs/hr	CE7%O2
6F Total	334C2R1		3.84e+1	ng/dscm	7%O2	2.33e-6	lbs/hr	CE7%O2
6F Total	334C2R2		2.60e+1	ng/dscm	7%O2	1.84e-6	lbs/hr	CE7%O2
6F Total	334C2R3		2.68e+1	ng/dscm	7%O2	1.77e-6	lbs/hr	CE7%O2
6F Total	334C2R4		2.80e+1	ng/dscm	7%O2	2.28e-6	lbs/hr	CE7%O2
7D 1234678	334C1R1		1.20e+0	ng/dscm	7%O2	8.47e-8	lbs/hr	CE7%O2
7D 1234678	334C1R2		4.24e-1	ng/dscm	7%O2	3.13e-8	lbs/hr	CE7%O2
7D 1234678	334C1R3		1.07e+0	ng/dscm	7%O2	8.35e-8	lbs/hr	CE7%O2
7D 1234678	334C1R4		1.15e+0	ng/dscm	7%O2	8.69e-8	lbs/hr	CE7%O2
7D 1234678	334C2R1		3.52e+0	ng/dscm	7%O2	2.14e-7	lbs/hr	CE7%O2
7D 1234678	334C2R2		2.26e+0	ng/dscm	7%O2	1.60e-7	lbs/hr	CE7%O2
7D 1234678	334C2R3		2.19e+0	ng/dscm	7%O2	1.44e-7	lbs/hr	CE7%O2
7D 1234678	334C2R4		2.89e+0	ng/dscm	7%O2	2.36e-7	lbs/hr	CE7%O2
7D Other	334C1R1		1.47e+0	ng/dscm	7%O2	1.04e-7	lbs/hr	CCE
7D Other	334C1R2		3.74e-1	ng/dscm	7%O2	2.76e-8	lbs/hr	CCE
7D Other	334C1R3		1.02e+0	ng/dscm	7%O2	7.99e-8	lbs/hr	CCE
7D Other	334C1R4		1.22e+0	ng/dscm	7%O2	9.26e-8	lbs/hr	CCE
7D Other	334C2R1		3.31e+0	ng/dscm	7%O2	2.01e-7	lbs/hr	CCE
7D Other	334C2R2		2.21e+0	ng/dscm	7%O2	1.56e-7	lbs/hr	CCE
7D Other	334C2R3		2.14e+0	ng/dscm	7%O2	1.41e-7	lbs/hr	CCE
7D Other	334C2R4		2.66e+0	ng/dscm	7%O2	2.17e-7	lbs/hr	CCE
7D Total	334C1R1		2.67e+0	ng/dscm	7%O2	1.89e-7	lbs/hr	CE7%O2
7D Total	334C1R2		7.98e-1	ng/dscm	7%O2	5.89e-8	lbs/hr	CE7%O2
7D Total	334C1R3		2.09e+0	ng/dscm	7%O2	1.63e-7	lbs/hr	CE7%O2
7D Total	334C1R4		2.37e+0	ng/dscm	7%O2	1.79e-7	lbs/hr	CE7%O2
7D Total	334C2R1		6.84e+0	ng/dscm	7%O2	4.15e-7	lbs/hr	CE7%O2
7D Total	334C2R2		4.47e+0	ng/dscm	7%O2	3.16e-7	lbs/hr	CE7%O2
7D Total	334C2R3		4.33e+0	ng/dscm	7%O2	2.86e-7	lbs/hr	CE7%O2
7D Total	334C2R4		5.55e+0	ng/dscm	7%O2	4.52e-7	lbs/hr	CE7%O2
7F 1234678	334C1R1		3.25e+0	ng/dscm	7%O2	2.30e-7	lbs/hr	CE7%O2
7F 1234678	334C1R2		1.77e+0	ng/dscm	7%O2	1.31e-7	lbs/hr	CE7%O2
7F 1234678	334C1R3		4.03e+0	ng/dscm	7%O2	3.15e-7	lbs/hr	CE7%O2
7F 1234678	334C1R4		6.17e+0	ng/dscm	7%O2	4.67e-7	lbs/hr	CE7%O2
7F 1234678	334C2R1		2.92e+1	ng/dscm	7%O2	1.77e-6	lbs/hr	CE7%O2
7F 1234678	334C2R2		2.35e+1	ng/dscm	7%O2	1.66e-6	lbs/hr	CE7%O2
7F 1234678	334C2R3		1.91e+1	ng/dscm	7%O2	1.26e-6	lbs/hr	CE7%O2
7F 1234678	334C2R4		1.97e+1	ng/dscm	7%O2	1.61e-6	lbs/hr	CE7%O2
7F 1234789	334C1R1		2.70e-1	ng/dscm	7%O2	1.91e-8	lbs/hr	CE7%O2
7F 1234789	334C1R2	ND	1.16e-1	ng/dscm	7%O2	8.58e-9	lbs/hr	CE7%O2
7F 1234789	334C1R3		3.53e-1	ng/dscm	7%O2	2.75e-8	lbs/hr	CE7%O2
7F 1234789	334C1R4		5.48e-1	ng/dscm	7%O2	4.15e-8	lbs/hr	CE7%O2
7F 1234789	334C2R1		3.42e+0	ng/dscm	7%O2	2.08e-7	lbs/hr	CE7%O2
7F 1234789	334C2R2		4.08e+0	ng/dscm	7%O2	2.88e-7	lbs/hr	CE7%O2
7F 1234789	334C2R3		3.19e+0	ng/dscm	7%O2	2.11e-7	lbs/hr	CE7%O2
7F 1234789	334C2R4		3.45e+0	ng/dscm	7%O2	2.81e-7	lbs/hr	CE7%O2
7F Other	334C1R1		9.87e-1	ng/dscm	7%O2	6.99e-8	lbs/hr	CCE
7F Other	334C1R2		3.43e-1	ng/dscm	7%O2	2.53e-8	lbs/hr	CCE
7F Other	334C1R3		1.26e+0	ng/dscm	7%O2	9.80e-8	lbs/hr	CCE
7F Other	334C1R4		1.90e+0	ng/dscm	7%O2	1.44e-7	lbs/hr	CCE
7F Other	334C2R1		1.23e+1	ng/dscm	7%O2	7.47e-7	lbs/hr	CCE
7F Other	334C2R2		1.17e+1	ng/dscm	7%O2	8.27e-7	lbs/hr	CCE
7F Other	334C2R3		9.16e+0	ng/dscm	7%O2	6.05e-7	lbs/hr	CCE
7F Other	334C2R4		9.03e+0	ng/dscm	7%O2	7.36e-7	lbs/hr	CCE
7F Total	334C1R1		4.51e+0	ng/dscm	7%O2	3.19e-7	lbs/hr	CE7%O2
7F Total	334C1R2		2.23e+0	ng/dscm	7%O2	1.64e-7	lbs/hr	CE7%O2

1. COMPANY: 3M
2. STATE: MN
3. CITY: COTTAGE GROVE EPA MND006172969 REGION: 5
4. EP ID: 334 DEVICE NAME: CHEMOLITE INCIN SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: WS/ESP/PT

7F Total	334C1R3		5.64e+0	ng/dscm 7%O2	4.40e-7	lbs/hr	CE7%O2
7F Total	334C1R4		8.62e+0	ng/dscm 7%O2	6.53e-7	lbs/hr	CE7%O2
7F Total	334C2R1		4.50e+1	ng/dscm 7%O2	2.73e-6	lbs/hr	CE7%O2
7F Total	334C2R2		3.93e+1	ng/dscm 7%O2	2.77e-6	lbs/hr	CE7%O2
7F Total	334C2R3		3.15e+1	ng/dscm 7%O2	2.08e-6	lbs/hr	CE7%O2
7F Total	334C2R4		3.22e+1	ng/dscm 7%O2	2.63e-6	lbs/hr	CE7%O2
8D	334C1R1		4.84e+0	ng/dscm 7%O2	3.43e-7	lbs/hr	CE7%O2
8D	334C1R2		1.46e+0	ng/dscm 7%O2	1.08e-7	lbs/hr	CE7%O2
8D	334C1R3		3.75e+0	ng/dscm 7%O2	2.93e-7	lbs/hr	CE7%O2
8D	334C1R4		3.27e+0	ng/dscm 7%O2	2.48e-7	lbs/hr	CE7%O2
8D	334C2R1		9.28e+0	ng/dscm 7%O2	5.62e-7	lbs/hr	CE7%O2
8D	334C2R2		7.62e+0	ng/dscm 7%O2	5.38e-7	lbs/hr	CE7%O2
8D	334C2R3		6.21e+0	ng/dscm 7%O2	4.10e-7	lbs/hr	CE7%O2
8D	334C2R4		6.84e+0	ng/dscm 7%O2	5.57e-7	lbs/hr	CE7%O2
8F	334C1R1		2.14e+0	ng/dscm 7%O2	1.52e-7	lbs/hr	CE7%O2
8F	334C1R2		6.98e-1	ng/dscm 7%O2	5.16e-8	lbs/hr	CE7%O2
8F	334C1R3		2.15e+0	ng/dscm 7%O2	1.67e-7	lbs/hr	CE7%O2
8F	334C1R4		2.39e+0	ng/dscm 7%O2	1.81e-7	lbs/hr	CE7%O2
8F	334C2R1		2.36e+1	ng/dscm 7%O2	1.43e-6	lbs/hr	CE7%O2
8F	334C2R2		2.78e+1	ng/dscm 7%O2	1.96e-6	lbs/hr	CE7%O2
8F	334C2R3		1.64e+1	ng/dscm 7%O2	1.08e-6	lbs/hr	CE7%O2
8F	334C2R4		1.62e+1	ng/dscm 7%O2	1.32e-6	lbs/hr	CE7%O2
TEQ	334C1R1		4.10e-1	ng/dscm 7%O2	2.90e-8	lbs/hr	CCET
TEQ	334C1R2		3.37e-1	ng/dscm 7%O2	2.49e-8	lbs/hr	CCET
TEQ	334C1R3		7.70e-1	ng/dscm 7%O2	6.00e-8	lbs/hr	CCET
TEQ	334C1R4		1.23e+0	ng/dscm 7%O2	9.30e-8	lbs/hr	CCET
TEQ	334C2R1		4.53e+0	ng/dscm 7%O2	2.75e-7	lbs/hr	CCET
TEQ	334C2R2		3.14e+0	ng/dscm 7%O2	2.22e-7	lbs/hr	CCET
TEQ	334C2R3		2.97e+0	ng/dscm 7%O2	1.96e-7	lbs/hr	CCET
TEQ	334C2R4		3.27e+0	ng/dscm 7%O2	2.67e-7	lbs/hr	CCET
Total PCDD/PCDF	334C1R1		1.86e+1	ng/dscm 7%O2	1.32e-6	lbs/hr	CCET
Total PCDD/PCDF	334C1R2		8.65e+0	ng/dscm 7%O2	6.39e-7	lbs/hr	CCET
Total PCDD/PCDF	334C1R3		2.87e+1	ng/dscm 7%O2	2.24e-6	lbs/hr	CCET
Total PCDD/PCDF	334C1R4		4.49e+1	ng/dscm 7%O2	3.40e-6	lbs/hr	CCET
Total PCDD/PCDF	334C2R1		1.69e+2	ng/dscm 7%O2	1.02e-5	lbs/hr	CCET
Total PCDD/PCDF	334C2R2		1.28e+2	ng/dscm 7%O2	9.01e-6	lbs/hr	CCET
Total PCDD/PCDF	334C2R3		1.14e+2	ng/dscm 7%O2	7.52e-6	lbs/hr	CCET
Total PCDD/PCDF	334C2R4		1.26e+2	ng/dscm 7%O2	1.03e-5	lbs/hr	CCET

7. Category: Halogens

Analysis:

8. Substance	9. Run ID		Concentration		Mass Rate		Calc
HCl	334C1R1		1.65e+1	ppmv 7%O2	1.76e+0	lbs/hr	CC7%O2
HCl	334C1R2		1.35e+1	ppmv 7%O2	1.51e+0	lbs/hr	CC7%O2
HCl	334C1R3		1.11e+1	ppmv 7%O2	1.31e+0	lbs/hr	CC7%O2
HCl	334C1R4		7.87e+0	ppmv 7%O2	9.00e-1	lbs/hr	CC7%O2
HCl	334C2R1		1.71e+1	ppmv 7%O2	1.57e+0	lbs/hr	CC7%O2
HCl	334C2R2		2.68e+1	ppmv 7%O2	2.86e+0	lbs/hr	CC7%O2
HCl	334C2R3		2.19e+1	ppmv 7%O2	2.18e+0	lbs/hr	CC7%O2
HCl	334C2R4		1.63e+1	ppmv 7%O2	2.01e+0	lbs/hr	CC7%O2

7. Category: Metals

Analysis:

8. Substance	9. Run ID		Concentration		Mass Rate		Calc
Antimony	334C1R1		2.22e+2	ug/dscm 7%O2	1.57e-2	lbs/hr	CE7%O2
Antimony	334C1R2		1.20e+3	ug/dscm 7%O2	8.83e-2	lbs/hr	CE7%O2
Antimony	334C1R3		2.97e+2	ug/dscm 7%O2	2.32e-2	lbs/hr	CE7%O2
Antimony	334C1R4		8.52e+1	ug/dscm 7%O2	6.45e-3	lbs/hr	CE7%O2
Antimony	334C2R1		9.08e+1	ug/dscm 7%O2	5.50e-3	lbs/hr	CE7%O2
Antimony	334C2R2		1.03e+2	ug/dscm 7%O2	7.27e-3	lbs/hr	CE7%O2
Antimony	334C2R3	ND	3.50e+1	ug/dscm 7%O2	2.31e-3	lbs/hr	CE7%O2

1. COMPANY: 3M
2. STATE: MN
3. CITY: COTTAGE GROVE EPA ID: MND006172969 REGION: 5
4. EP ID: 334 DEVICE NAME: CHEMOLITE INCIN SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: WS/ESP/PT

Antimony	334C2R4		2.51e+1	ug/dscm	7%O2	2.05e-3	lbs/hr	CE7%O2
Arsenic	334C1R1		3.48e+1	ug/dscm	7%O2	2.46e-3	lbs/hr	CE7%O2
Arsenic	334C1R2		3.60e+1	ug/dscm	7%O2	2.66e-3	lbs/hr	CE7%O2
Arsenic	334C1R3		7.71e+0	ug/dscm	7%O2	6.02e-4	lbs/hr	CE7%O2
Arsenic	334C1R4		5.94e+0	ug/dscm	7%O2	4.50e-4	lbs/hr	CE7%O2
Arsenic	334C2R1		3.40e+1	ug/dscm	7%O2	2.06e-3	lbs/hr	CE7%O2
Arsenic	334C2R2		3.23e+1	ug/dscm	7%O2	2.28e-3	lbs/hr	CE7%O2
Arsenic	334C2R3		2.04e+1	ug/dscm	7%O2	1.35e-3	lbs/hr	CE7%O2
Arsenic	334C2R4		2.23e+1	ug/dscm	7%O2	1.81e-3	lbs/hr	CE7%O2
Barium	334C1R1		7.22e+2	ug/dscm	7%O2	5.11e-2	lbs/hr	CE7%O2
Barium	334C1R2		1.05e+3	ug/dscm	7%O2	7.75e-2	lbs/hr	CE7%O2
Barium	334C1R3		6.09e+2	ug/dscm	7%O2	4.75e-2	lbs/hr	CE7%O2
Barium	334C1R4		5.07e+2	ug/dscm	7%O2	3.84e-2	lbs/hr	CE7%O2
Barium	334C2R1		1.02e+2	ug/dscm	7%O2	6.15e-3	lbs/hr	CE7%O2
Barium	334C2R2		6.53e+1	ug/dscm	7%O2	4.61e-3	lbs/hr	CE7%O2
Barium	334C2R3		3.17e+1	ug/dscm	7%O2	2.09e-3	lbs/hr	CE7%O2
Barium	334C2R4		2.35e+1	ug/dscm	7%O2	1.92e-3	lbs/hr	CE7%O2
Beryllium	334C1R1	ND	8.24e-1	ug/dscm	7%O2	5.83e-5	lbs/hr	CE7%O2
Beryllium	334C1R2	ND	1.40e+0	ug/dscm	7%O2	1.03e-4	lbs/hr	CE7%O2
Beryllium	334C1R3	ND	3.73e-1	ug/dscm	7%O2	2.91e-5	lbs/hr	CE7%O2
Beryllium	334C1R4	ND	1.38e+0	ug/dscm	7%O2	1.05e-4	lbs/hr	CE7%O2
Beryllium	334C2R1	ND	5.00e-1	ug/dscm	7%O2	3.03e-5	lbs/hr	CE7%O2
Beryllium	334C2R2	ND	4.12e-1	ug/dscm	7%O2	2.91e-5	lbs/hr	CE7%O2
Beryllium	334C2R3	ND	4.38e-1	ug/dscm	7%O2	2.89e-5	lbs/hr	CE7%O2
Beryllium	334C2R4	ND	3.59e-1	ug/dscm	7%O2	2.93e-5	lbs/hr	CE7%O2
Cadmium	334C1R1		1.19e+3	ug/dscm	7%O2	8.44e-2	lbs/hr	CE7%O2
Cadmium	334C1R2		1.32e+3	ug/dscm	7%O2	9.76e-2	lbs/hr	CE7%O2
Cadmium	334C1R3		7.52e+2	ug/dscm	7%O2	5.87e-2	lbs/hr	CE7%O2
Cadmium	334C1R4		5.99e+2	ug/dscm	7%O2	4.54e-2	lbs/hr	CE7%O2
Cadmium	334C2R1		2.85e+2	ug/dscm	7%O2	1.73e-2	lbs/hr	CE7%O2
Cadmium	334C2R2		9.84e+1	ug/dscm	7%O2	6.95e-3	lbs/hr	CE7%O2
Cadmium	334C2R3		6.28e+1	ug/dscm	7%O2	4.14e-3	lbs/hr	CE7%O2
Cadmium	334C2R4		7.23e+1	ug/dscm	7%O2	5.90e-3	lbs/hr	CE7%O2
Chromium	334C1R1		2.86e+2	ug/dscm	7%O2	2.03e-2	lbs/hr	CE7%O2
Chromium	334C1R2		8.67e+2	ug/dscm	7%O2	6.40e-2	lbs/hr	CE7%O2
Chromium	334C1R3		1.26e+2	ug/dscm	7%O2	9.83e-3	lbs/hr	CE7%O2
Chromium	334C1R4		1.11e+2	ug/dscm	7%O2	8.42e-3	lbs/hr	CE7%O2
Chromium	334C2R1		4.38e+2	ug/dscm	7%O2	2.65e-2	lbs/hr	CE7%O2
Chromium	334C2R2		4.30e+2	ug/dscm	7%O2	3.04e-2	lbs/hr	CE7%O2
Chromium	334C2R3		1.49e+2	ug/dscm	7%O2	9.85e-3	lbs/hr	CE7%O2
Chromium	334C2R4		4.24e+2	ug/dscm	7%O2	3.45e-2	lbs/hr	CE7%O2
Lead	334C1R1		1.23e+4	ug/dscm	7%O2	8.73e-1	lbs/hr	CE7%O2
Lead	334C1R2		1.01e+4	ug/dscm	7%O2	7.48e-1	lbs/hr	CE7%O2
Lead	334C1R3		2.72e+3	ug/dscm	7%O2	2.12e-1	lbs/hr	CE7%O2
Lead	334C1R4		2.81e+3	ug/dscm	7%O2	2.13e-1	lbs/hr	CE7%O2
Lead	334C2R1		2.29e+3	ug/dscm	7%O2	1.39e-1	lbs/hr	CE7%O2
Lead	334C2R2		2.13e+3	ug/dscm	7%O2	1.50e-1	lbs/hr	CE7%O2
Lead	334C2R3		1.01e+3	ug/dscm	7%O2	6.66e-2	lbs/hr	CE7%O2
Lead	334C2R4		8.79e+2	ug/dscm	7%O2	7.17e-2	lbs/hr	CE7%O2
Mercury	334C1R1		1.60e+1	ug/dscm	7%O2	1.14e-3	lbs/hr	CE7%O2
Mercury	334C1R2		8.66e+0	ug/dscm	7%O2	6.40e-4	lbs/hr	CE7%O2
Mercury	334C1R3		7.43e+0	ug/dscm	7%O2	5.80e-4	lbs/hr	CE7%O2
Mercury	334C1R4		7.30e+0	ug/dscm	7%O2	5.53e-4	lbs/hr	CE7%O2
Mercury	334C2R1		6.38e+0	ug/dscm	7%O2	3.86e-4	lbs/hr	CE7%O2
Mercury	334C2R2		3.75e+0	ug/dscm	7%O2	2.65e-4	lbs/hr	CE7%O2
Mercury	334C2R3		1.76e+0	ug/dscm	7%O2	1.16e-4	lbs/hr	CE7%O2
Mercury	334C2R4		4.09e+0	ug/dscm	7%O2	3.34e-4	lbs/hr	CE7%O2
Silver	334C1R1		9.88e+0	ug/dscm	7%O2	7.00e-4	lbs/hr	CE7%O2
Silver	334C1R2		4.00e-1	ug/dscm	7%O2	2.95e-5	lbs/hr	CE7%O2
Silver	334C1R3		1.87e+0	ug/dscm	7%O2	1.46e-4	lbs/hr	CE7%O2
Silver	334C1R4		1.48e+0	ug/dscm	7%O2	1.12e-4	lbs/hr	CE7%O2
Silver	334C2R1		3.00e+0	ug/dscm	7%O2	1.82e-4	lbs/hr	CE7%O2

1. COMPANY: 3M
2. STATE: MN
3. CITY: COTTAGE GROVE EPA MND006172969 REGION: 5
4. EP ID: 334 DEVICE NAME: CHEMOLITE INCIN SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: WS/ESP/PT

Silver	334C2R2		2.06e-1	ug/dscm	7%O2	1.45e-5	lbs/hr	CE7%O2
Silver	334C2R3		2.62e+0	ug/dscm	7%O2	1.73e-4	lbs/hr	CE7%O2
Silver	334C2R4		1.58e-1	ug/dscm	7%O2	1.29e-5	lbs/hr	CE7%O2
Thallium	334C1R1	ND	4.12e+1	ug/dscm	7%O2	2.92e-3	lbs/hr	CE7%O2
Thallium	334C1R2	ND	3.80e+1	ug/dscm	7%O2	2.81e-3	lbs/hr	CE7%O2
Thallium	334C1R3	ND	2.24e+1	ug/dscm	7%O2	1.75e-3	lbs/hr	CE7%O2
Thallium	334C1R4	ND	3.75e+1	ug/dscm	7%O2	2.84e-3	lbs/hr	CE7%O2
Thallium	334C2R1	ND	3.00e+1	ug/dscm	7%O2	1.82e-3	lbs/hr	CE7%O2
Thallium	334C2R2	ND	2.47e+1	ug/dscm	7%O2	1.74e-3	lbs/hr	CE7%O2
Thallium	334C2R3	ND	2.62e+1	ug/dscm	7%O2	1.73e-3	lbs/hr	CE7%O2
Thallium	334C2R4	ND	2.15e+1	ug/dscm	7%O2	1.76e-3	lbs/hr	CE7%O2

7. Category: PAH

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate		Calc
Naphthalene	334C1R1	1.65e+4	ng/dscm	7%O2	1.16e-3	lbs/hr	CC7%O2
Naphthalene	334C1R2	6.62e+4	ng/dscm	7%O2	4.88e-3	lbs/hr	CC7%O2
Naphthalene	334C1R3	2.24e+4	ng/dscm	7%O2	1.75e-3	lbs/hr	CC7%O2
Naphthalene	334C1R4	1.17e+5	ng/dscm	7%O2	8.82e-3	lbs/hr	CC7%O2
Naphthalene	334C2R1	1.33e+4	ng/dscm	7%O2	8.07e-4	lbs/hr	CC7%O2
Naphthalene	334C2R2	1.48e+4	ng/dscm	7%O2	1.05e-3	lbs/hr	CC7%O2
Naphthalene	334C2R3	7.02e+3	ng/dscm	7%O2	4.63e-4	lbs/hr	CC7%O2
Naphthalene	334C2R4	6.17e+3	ng/dscm	7%O2	5.03e-4	lbs/hr	CC7%O2

7. Category: Particulate

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate		Calc
Particulate	334C1R1	1.07e-1	gr/dscf	7%O2	1.74e+1	lbs/hr	CE
Particulate	334C1R2	6.43e-2	gr/dscf	7%O2	1.09e+1	lbs/hr	CE
Particulate	334C1R3	4.14e-2	gr/dscf	7%O2	7.40e+0	lbs/hr	CE
Particulate	334C1R4	3.68e-2	gr/dscf	7%O2	6.38e+0	lbs/hr	CE
Particulate	334C2R1	7.08e-2	gr/dscf	7%O2	9.83e+0	lbs/hr	CE
Particulate	334C2R2	7.46e-2	gr/dscf	7%O2	1.21e+1	lbs/hr	CE
Particulate	334C2R3	3.95e-2	gr/dscf	7%O2	5.97e+0	lbs/hr	CE
Particulate	334C2R4	4.52e-2	gr/dscf	7%O2	8.44e+0	lbs/hr	CE

7. Category: THC & CO

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate		Calc
CO	334C1R1	4.12e+0	ppmv	7%O2	3.39e-1	lbs/hr	CE7%O2
CO	334C1R2	1.40e+1	ppmv	7%O2	1.20e+0	lbs/hr	CE7%O2
CO	334C1R3	1.68e+1	ppmv	7%O2	1.52e+0	lbs/hr	CE7%O2
CO	334C1R4	3.95e+0	ppmv	7%O2	3.47e-1	lbs/hr	CE7%O2
CO	334C2R1	2.80e+2	ppmv	7%O2	1.97e+1	lbs/hr	CE7%O2
CO	334C2R2	1.11e+2	ppmv	7%O2	9.11e+0	lbs/hr	CE7%O2
CO	334C2R3	1.07e+2	ppmv	7%O2	8.21e+0	lbs/hr	CE7%O2
CO	334C2R4	1.67e+2	ppmv	7%O2	1.58e+1	lbs/hr	CE7%O2
THC	334C1R1	2.06e+0	ppmv	7%O2	2.66e-1	lbs/hr	CE7%O2
THC	334C1R2	2.00e+0	ppmv	7%O2	2.70e-1	lbs/hr	CE7%O2
THC	334C1R4	1.97e+0	ppmv	7%O2	2.73e-1	lbs/hr	CE7%O2
THC	334C2R2	2.06e+0	ppmv	7%O2	2.65e-1	lbs/hr	CE7%O2
THC	334C2R3	2.19e+0	ppmv	7%O2	2.63e-1	lbs/hr	CE7%O2
THC	334C2R4	1.79e+0	ppmv	7%O2	2.67e-1	lbs/hr	CE7%O2

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate		Calc
1,1,1-Trichloroethane	334C1R1	3.72e+4	ng/dscm	7%O2	2.63e-3	lbs/hr	CC7%O2
1,1,1-Trichloroethane	334C1R2	9.15e+3	ng/dscm	7%O2	6.75e-4	lbs/hr	CC7%O2

1. COMPANY: 3M
2. STATE: MN
3. CITY: COTTAGE GROVE EPA ID: MND006172969 REGION: 5
4. EP ID: 334 DEVICE NAME: CHEMOLITE INCIN SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: WS/ESP/PT

1,1,1-Trichloroethane	334C1R3	5.16e+3	ng/dscm 7%O2	4.02e-4	lbs/hr	CC7%O2
1,1,1-Trichloroethane	334C1R4	4.42e+3	ng/dscm 7%O2	3.35e-4	lbs/hr	CC7%O2
1,1,1-Trichloroethane	334C2R1	7.06e+3	ng/dscm 7%O2	4.27e-4	lbs/hr	CC7%O2
1,1,1-Trichloroethane	334C2R2	1.62e+4	ng/dscm 7%O2	1.14e-3	lbs/hr	CC7%O2
1,1,1-Trichloroethane	334C2R3	1.71e+4	ng/dscm 7%O2	1.12e-3	lbs/hr	CC7%O2
1,1,1-Trichloroethane	334C2R4	4.34e+3	ng/dscm 7%O2	3.53e-4	lbs/hr	CC7%O2
Methyl Ethyl Ketone	334C1R1	9.41e+3	ng/dscm 7%O2	6.65e-4	lbs/hr	CC7%O2
Methyl Ethyl Ketone	334C1R2	1.09e+4	ng/dscm 7%O2	8.02e-4	lbs/hr	CC7%O2
Methyl Ethyl Ketone	334C1R3	7.86e+3	ng/dscm 7%O2	6.13e-4	lbs/hr	CC7%O2
Methyl Ethyl Ketone	334C1R4	8.20e+3	ng/dscm 7%O2	6.20e-4	lbs/hr	CC7%O2
Methyl Ethyl Ketone	334C2R1	2.35e+4	ng/dscm 7%O2	1.42e-3	lbs/hr	CC7%O2
Methyl Ethyl Ketone	334C2R2	2.46e+4	ng/dscm 7%O2	1.74e-3	lbs/hr	CC7%O2
Methyl Ethyl Ketone	334C2R3	2.06e+4	ng/dscm 7%O2	1.36e-3	lbs/hr	CC7%O2
Methyl Ethyl Ketone	334C2R4	5.13e+3	ng/dscm 7%O2	4.18e-4	lbs/hr	CC7%O2

1. COMPANY: ALLIED CORPORATION
2. STATE: AL
3. CITY: BIRMINGHAM EPA ID: ALD031499833 REGION: 4
4. EP ID: 324 DEVICE NAME: SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: ?

5. Type: UNCONTROLLED

6. Description: EMISSIONS Process Group: BATCH Location: STACK Phase: GAS

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
HCl	324C1R1	1.92e+2	ppmv 7%O2	4.42e+0	lbs/hr	CC7%O2
HCl	324C1R2	4.74e+2	ppmv 7%O2	1.15e+1	lbs/hr	CC7%O2
HCl	324C1R3	2.55e+2	ppmv 7%O2	6.08e+0	lbs/hr	CC7%O2
HCl	324C1R4	1.65e+2	ppmv 7%O2	3.36e+0	lbs/hr	CC7%O2
HCl	324C1R5	8.17e+1	ppmv 7%O2	1.78e+0	lbs/hr	CC7%O2
HCl	324C1R6	1.77e+1	ppmv 7%O2	4.00e-1	lbs/hr	CC7%O2
HCl	324C1R7	6.93e+0	ppmv 7%O2	1.60e-1	lbs/hr	CC7%O2
HCl	324C2R1	2.28e+2	ppmv 7%O2	4.42e+0	lbs/hr	CC7%O2
HCl	324C2R2	4.80e+2	ppmv 7%O2	1.15e+1	lbs/hr	CC7%O2
HCl	324C2R3	2.83e+2	ppmv 7%O2	6.08e+0	lbs/hr	CC7%O2
HCl	324C2R4	1.26e+2	ppmv 7%O2	2.78e+0	lbs/hr	CC7%O2
HCl	324C2R5	1.18e+2	ppmv 7%O2	2.57e+0	lbs/hr	CC7%O2
HCl	324C2R6	3.18e+1	ppmv 7%O2	6.70e-1	lbs/hr	CC7%O2
HCl	324C2R7	7.22e+0	ppmv 7%O2	1.70e-1	lbs/hr	CC7%O2
HCl	324C3R1	2.67e+2	ppmv 7%O2	6.56e+0	lbs/hr	CC7%O2
HCl	324C3R2	5.42e+2	ppmv 7%O2	1.37e+1	lbs/hr	CC7%O2
HCl	324C3R3	1.63e+2	ppmv 7%O2	4.18e+0	lbs/hr	CC7%O2
HCl	324C3R4	1.00e+2	ppmv 7%O2	2.92e+0	lbs/hr	CC7%O2
HCl	324C3R5	6.35e+1	ppmv 7%O2	1.37e+0	lbs/hr	CC7%O2
HCl	324C3R6	1.47e+1	ppmv 7%O2	3.10e-1	lbs/hr	CC7%O2
HCl	324C3R7	3.78e+0	ppmv 7%O2	8.00e-2	lbs/hr	CC7%O2
HCl	324C4R1	2.11e+2	ppmv 7%O2	4.93e+0	lbs/hr	CC7%O2
HCl	324C4R2	5.81e+2	ppmv 7%O2	1.29e+1	lbs/hr	CC7%O2
HCl	324C4R3	2.58e+0	ppmv 7%O2	5.76e-2	lbs/hr	CE
HCl	324C4R4	1.50e+2	ppmv 7%O2	3.05e+0	lbs/hr	CC7%O2
HCl	324C4R5	2.15e+1	ppmv 7%O2	4.20e-1	lbs/hr	CC7%O2
HCl	324C4R6	1.88e+1	ppmv 7%O2	4.20e-1	lbs/hr	CC7%O2
HCl	324C4R7	5.21e+0	ppmv 7%O2	1.10e-1	lbs/hr	CC7%O2

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Arsenic	324C1R1	3.16e+1	ug/dscm 7%O2	4.80e-4	lbs/hr	CE7%O2
Arsenic	324C1R2	4.91e+1	ug/dscm 7%O2	7.88e-4	lbs/hr	CE7%O2
Arsenic	324C1R3	4.12e+1	ug/dscm 7%O2	6.51e-4	lbs/hr	CE7%O2
Arsenic	324C1R4	8.08e+1	ug/dscm 7%O2	1.09e-3	lbs/hr	CE7%O2
Arsenic	324C1R5	6.40e+1	ug/dscm 7%O2	9.23e-4	lbs/hr	CE7%O2
Arsenic	324C1R6	3.10e+1	ug/dscm 7%O2	4.63e-4	lbs/hr	CE7%O2
Arsenic	324C1R7	2.95e+1	ug/dscm 7%O2	4.52e-4	lbs/hr	CE7%O2
Arsenic	324C2R1	2.37e+1	ug/dscm 7%O2	3.05e-4	lbs/hr	CE7%O2
Arsenic	324C2R2	7.55e+1	ug/dscm 7%O2	1.19e-3	lbs/hr	CE7%O2
Arsenic	324C2R3	9.67e+1	ug/dscm 7%O2	1.38e-3	lbs/hr	CE7%O2
Arsenic	324C2R4	4.08e+1	ug/dscm 7%O2	5.99e-4	lbs/hr	CE7%O2
Arsenic	324C2R5	9.00e+1	ug/dscm 7%O2	1.30e-3	lbs/hr	CE7%O2
Arsenic	324C2R6	4.82e+1	ug/dscm 7%O2	6.72e-4	lbs/hr	CE7%O2
Arsenic	324C2R7	5.11e+1	ug/dscm 7%O2	7.96e-4	lbs/hr	CE7%O2
Arsenic	324C3R1	4.96e+1	ug/dscm 7%O2	8.06e-4	lbs/hr	CE7%O2
Arsenic	324C3R2	8.67e+1	ug/dscm 7%O2	1.45e-3	lbs/hr	CE7%O2
Arsenic	324C3R3	7.31e+1	ug/dscm 7%O2	1.24e-3	lbs/hr	CE7%O2
Arsenic	324C3R4	4.12e+1	ug/dscm 7%O2	7.94e-4	lbs/hr	CE7%O2
Arsenic	324C3R5	9.82e+1	ug/dscm 7%O2	1.40e-3	lbs/hr	CE7%O2
Arsenic	324C3R6	2.75e+1	ug/dscm 7%O2	3.84e-4	lbs/hr	CE7%O2
Arsenic	324C3R7	5.97e+1	ug/dscm 7%O2	8.36e-4	lbs/hr	CE7%O2
Arsenic	324C4R1	3.58e+1	ug/dscm 7%O2	5.55e-4	lbs/hr	CE7%O2
Arsenic	324C4R2	2.77e+2	ug/dscm 7%O2	4.08e-3	lbs/hr	CE7%O2
Arsenic	324C4R3	8.28e+1	ug/dscm 7%O2	1.22e-3	lbs/hr	CE7%O2

1. COMPANY: ALLIED CORPORATION
2. STATE: AL
3. CITY: BIRMINGHAM EPA ID: ALD031499833 REGION: 4
4. EP ID: 324 DEVICE NAME: SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: ?

Arsenic	324C4R4	9.58e+1	ug/dscm	7%O2	1.29e-3	lbs/hr	CE7%O2
Arsenic	324C4R5	4.42e+1	ug/dscm	7%O2	5.72e-4	lbs/hr	CE7%O2
Arsenic	324C4R6	3.03e+1	ug/dscm	7%O2	4.48e-4	lbs/hr	CE7%O2
Arsenic	324C4R7	1.02e+2	ug/dscm	7%O2	1.42e-3	lbs/hr	CE7%O2
Beryllium	324C1R1	1.45e-1	ug/dscm	7%O2	2.21e-6	lbs/hr	CE7%O2
Beryllium	324C1R2	1.43e-1	ug/dscm	7%O2	2.29e-6	lbs/hr	CE7%O2
Beryllium	324C1R3	1.12e-1	ug/dscm	7%O2	1.77e-6	lbs/hr	CE7%O2
Beryllium	324C1R4	2.33e-1	ug/dscm	7%O2	3.15e-6	lbs/hr	CE7%O2
Beryllium	324C1R5	1.30e-1	ug/dscm	7%O2	1.88e-6	lbs/hr	CE7%O2
Beryllium	324C1R6	1.27e-1	ug/dscm	7%O2	1.90e-6	lbs/hr	CE7%O2
Beryllium	324C1R7	2.00e-1	ug/dscm	7%O2	3.06e-6	lbs/hr	CE7%O2
Beryllium	324C2R1	1.24e-1	ug/dscm	7%O2	1.59e-6	lbs/hr	CE7%O2
Beryllium	324C2R2	1.73e-1	ug/dscm	7%O2	2.74e-6	lbs/hr	CE7%O2
Beryllium	324C2R3	1.69e-1	ug/dscm	7%O2	2.40e-6	lbs/hr	CE7%O2
Beryllium	324C2R4	1.67e-1	ug/dscm	7%O2	2.44e-6	lbs/hr	CE7%O2
Beryllium	324C2R5	1.75e-1	ug/dscm	7%O2	2.53e-6	lbs/hr	CE7%O2
Beryllium	324C2R6	1.45e-1	ug/dscm	7%O2	2.03e-6	lbs/hr	CE7%O2
Beryllium	324C2R7	1.15e-1	ug/dscm	7%O2	1.80e-6	lbs/hr	CE7%O2
Beryllium	324C3R1	1.22e-1	ug/dscm	7%O2	1.98e-6	lbs/hr	CE7%O2
Beryllium	324C3R2	1.19e-1	ug/dscm	7%O2	1.99e-6	lbs/hr	CE7%O2
Beryllium	324C3R3	1.14e-1	ug/dscm	7%O2	1.94e-6	lbs/hr	CE7%O2
Beryllium	324C3R4	8.91e-2	ug/dscm	7%O2	1.71e-6	lbs/hr	CE7%O2
Beryllium	324C3R5	1.15e-1	ug/dscm	7%O2	1.65e-6	lbs/hr	CE7%O2
Beryllium	324C3R6	1.38e-1	ug/dscm	7%O2	1.93e-6	lbs/hr	CE7%O2
Beryllium	324C3R7	1.17e-1	ug/dscm	7%O2	1.63e-6	lbs/hr	CE7%O2
Beryllium	324C4R1	1.24e-1	ug/dscm	7%O2	1.93e-6	lbs/hr	CE7%O2
Beryllium	324C4R2	1.33e-1	ug/dscm	7%O2	1.97e-6	lbs/hr	CE7%O2
Beryllium	324C4R3	1.67e-2	ug/dscm	7%O2	2.46e-7	lbs/hr	CE7%O2
Beryllium	324C4R4	1.62e-1	ug/dscm	7%O2	2.17e-6	lbs/hr	CE7%O2
Beryllium	324C4R5	1.44e-1	ug/dscm	7%O2	1.86e-6	lbs/hr	CE7%O2
Beryllium	324C4R6	1.45e-1	ug/dscm	7%O2	2.15e-6	lbs/hr	CE7%O2
Beryllium	324C4R7	2.07e-1	ug/dscm	7%O2	2.89e-6	lbs/hr	CE7%O2
Cadmium	324C1R1	2.39e+1	ug/dscm	7%O2	3.64e-4	lbs/hr	CE7%O2
Cadmium	324C1R2	5.74e+1	ug/dscm	7%O2	9.21e-4	lbs/hr	CE7%O2
Cadmium	324C1R3	2.69e+1	ug/dscm	7%O2	4.25e-4	lbs/hr	CE7%O2
Cadmium	324C1R4	1.00e+2	ug/dscm	7%O2	1.35e-3	lbs/hr	CE7%O2
Cadmium	324C1R5	2.08e+1	ug/dscm	7%O2	3.01e-4	lbs/hr	CE7%O2
Cadmium	324C1R6	4.93e+0	ug/dscm	7%O2	7.36e-5	lbs/hr	CE7%O2
Cadmium	324C1R7	1.03e+1	ug/dscm	7%O2	1.58e-4	lbs/hr	CE7%O2
Cadmium	324C2R1	7.44e+0	ug/dscm	7%O2	9.57e-5	lbs/hr	CE7%O2
Cadmium	324C2R2	3.59e+1	ug/dscm	7%O2	5.68e-4	lbs/hr	CE7%O2
Cadmium	324C2R3	3.36e+1	ug/dscm	7%O2	4.78e-4	lbs/hr	CE7%O2
Cadmium	324C2R4	1.40e+2	ug/dscm	7%O2	2.06e-3	lbs/hr	CE7%O2
Cadmium	324C2R5	3.13e+1	ug/dscm	7%O2	4.53e-4	lbs/hr	CE7%O2
Cadmium	324C2R6	1.35e+1	ug/dscm	7%O2	1.88e-4	lbs/hr	CE7%O2
Cadmium	324C2R7	1.07e+1	ug/dscm	7%O2	1.67e-4	lbs/hr	CE7%O2
Cadmium	324C3R1	2.78e+1	ug/dscm	7%O2	4.52e-4	lbs/hr	CE7%O2
Cadmium	324C3R2	4.89e+1	ug/dscm	7%O2	8.17e-4	lbs/hr	CE7%O2
Cadmium	324C3R3	3.43e+0	ug/dscm	7%O2	5.82e-5	lbs/hr	CE7%O2
Cadmium	324C3R4	3.39e+1	ug/dscm	7%O2	6.52e-4	lbs/hr	CE7%O2
Cadmium	324C3R5	1.83e+2	ug/dscm	7%O2	2.61e-3	lbs/hr	CE7%O2
Cadmium	324C3R6	3.80e+0	ug/dscm	7%O2	5.31e-5	lbs/hr	CE7%O2
Cadmium	324C3R7	9.00e+0	ug/dscm	7%O2	1.26e-4	lbs/hr	CE7%O2
Cadmium	324C4R1	1.46e+1	ug/dscm	7%O2	2.27e-4	lbs/hr	CE7%O2
Cadmium	324C4R2	1.58e+2	ug/dscm	7%O2	2.33e-3	lbs/hr	CE7%O2
Cadmium	324C4R3	2.82e+1	ug/dscm	7%O2	4.16e-4	lbs/hr	CE7%O2
Cadmium	324C4R4	4.42e+1	ug/dscm	7%O2	5.93e-4	lbs/hr	CE7%O2
Cadmium	324C4R5	1.45e+1	ug/dscm	7%O2	1.88e-4	lbs/hr	CE7%O2
Cadmium	324C4R6	4.51e+0	ug/dscm	7%O2	6.67e-5	lbs/hr	CE7%O2
Cadmium	324C4R7	1.35e+2	ug/dscm	7%O2	1.89e-3	lbs/hr	CE7%O2
Chromium	324C1R1	3.67e+1	ug/dscm	7%O2	5.59e-4	lbs/hr	CE7%O2
Chromium	324C1R2	5.50e+1	ug/dscm	7%O2	8.82e-4	lbs/hr	CE7%O2
Chromium	324C1R3	4.54e+1	ug/dscm	7%O2	7.18e-4	lbs/hr	CE7%O2

1. COMPANY: ALLIED CORPORATION
2. STATE: AL
3. CITY: BIRMINGHAM EPA ID: ALD031499833 REGION: 4
4. EP ID: 324 DEVICE NAME: SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: ?

Chromium	324C1R4	4.47e+1	ug/dscm	7%O2	6.03e-4	lbs/hr	CE7%O2
Chromium	324C1R5	2.60e+1	ug/dscm	7%O2	3.76e-4	lbs/hr	CE7%O2
Chromium	324C1R6	1.50e+1	ug/dscm	7%O2	2.23e-4	lbs/hr	CE7%O2
Chromium	324C1R7	2.12e+1	ug/dscm	7%O2	3.25e-4	lbs/hr	CE7%O2
Chromium	324C2R1	1.22e+1	ug/dscm	7%O2	1.57e-4	lbs/hr	CE7%O2
Chromium	324C2R2	4.19e+1	ug/dscm	7%O2	6.62e-4	lbs/hr	CE7%O2
Chromium	324C2R3	7.46e+1	ug/dscm	7%O2	1.06e-3	lbs/hr	CE7%O2
Chromium	324C2R4	3.28e+1	ug/dscm	7%O2	4.81e-4	lbs/hr	CE7%O2
Chromium	324C2R5	3.08e+1	ug/dscm	7%O2	4.46e-4	lbs/hr	CE7%O2
Chromium	324C2R6	1.67e+1	ug/dscm	7%O2	2.33e-4	lbs/hr	CE7%O2
Chromium	324C2R7	2.72e+1	ug/dscm	7%O2	4.24e-4	lbs/hr	CE7%O2
Chromium	324C3R1	3.62e+1	ug/dscm	7%O2	5.88e-4	lbs/hr	CE7%O2
Chromium	324C3R2	5.66e+1	ug/dscm	7%O2	9.46e-4	lbs/hr	CE7%O2
Chromium	324C3R3	7.91e+1	ug/dscm	7%O2	1.34e-3	lbs/hr	CE7%O2
Chromium	324C3R4	2.81e+1	ug/dscm	7%O2	5.41e-4	lbs/hr	CE7%O2
Chromium	324C3R5	2.87e+1	ug/dscm	7%O2	4.10e-4	lbs/hr	CE7%O2
Chromium	324C3R6	1.42e+1	ug/dscm	7%O2	1.98e-4	lbs/hr	CE7%O2
Chromium	324C3R7	2.77e+1	ug/dscm	7%O2	3.88e-4	lbs/hr	CE7%O2
Chromium	324C4R1	1.84e+1	ug/dscm	7%O2	2.85e-4	lbs/hr	CE7%O2
Chromium	324C4R2	1.90e+2	ug/dscm	7%O2	2.80e-3	lbs/hr	CE7%O2
Chromium	324C4R3	2.38e+2	ug/dscm	7%O2	3.52e-3	lbs/hr	CE7%O2
Chromium	324C4R4	3.68e+1	ug/dscm	7%O2	4.94e-4	lbs/hr	CE7%O2
Chromium	324C4R5	1.27e+1	ug/dscm	7%O2	1.65e-4	lbs/hr	CE7%O2
Chromium	324C4R6	1.05e+1	ug/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Chromium	324C4R7	4.22e+1	ug/dscm	7%O2	5.89e-4	lbs/hr	CE7%O2
Lead	324C1R1	2.91e+2	ug/dscm	7%O2	4.42e-3	lbs/hr	CE7%O2
Lead	324C1R2	5.89e+2	ug/dscm	7%O2	9.44e-3	lbs/hr	CE7%O2
Lead	324C1R3	5.56e+2	ug/dscm	7%O2	8.79e-3	lbs/hr	CE7%O2
Lead	324C1R4	1.43e+3	ug/dscm	7%O2	1.93e-2	lbs/hr	CE7%O2
Lead	324C1R5	4.69e+2	ug/dscm	7%O2	6.77e-3	lbs/hr	CE7%O2
Lead	324C1R6	8.97e+1	ug/dscm	7%O2	1.34e-3	lbs/hr	CE7%O2
Lead	324C1R7	8.98e+1	ug/dscm	7%O2	1.37e-3	lbs/hr	CE7%O2
Lead	324C2R1	1.81e+4	ug/dscm	7%O2	2.32e-1	lbs/hr	CE7%O2
Lead	324C2R2	4.29e+2	ug/dscm	7%O2	6.78e-3	lbs/hr	CE7%O2
Lead	324C2R3	6.41e+2	ug/dscm	7%O2	9.12e-3	lbs/hr	CE7%O2
Lead	324C2R4	7.02e+2	ug/dscm	7%O2	1.03e-2	lbs/hr	CE7%O2
Lead	324C2R5	8.19e+2	ug/dscm	7%O2	1.19e-2	lbs/hr	CE7%O2
Lead	324C2R6	1.96e+2	ug/dscm	7%O2	2.74e-3	lbs/hr	CE7%O2
Lead	324C2R7	1.48e+2	ug/dscm	7%O2	2.30e-3	lbs/hr	CE7%O2
Lead	324C3R1	5.33e+4	ug/dscm	7%O2	8.65e-1	lbs/hr	CE7%O2
Lead	324C3R2	6.31e+2	ug/dscm	7%O2	1.06e-2	lbs/hr	CE7%O2
Lead	324C3R3	9.64e+2	ug/dscm	7%O2	1.64e-2	lbs/hr	CE7%O2
Lead	324C3R4	1.37e+3	ug/dscm	7%O2	2.65e-2	lbs/hr	CE7%O2
Lead	324C3R5	9.72e+2	ug/dscm	7%O2	1.39e-2	lbs/hr	CE7%O2
Lead	324C3R6	1.48e+2	ug/dscm	7%O2	2.07e-3	lbs/hr	CE7%O2
Lead	324C3R7	1.72e+2	ug/dscm	7%O2	2.40e-3	lbs/hr	CE7%O2
Lead	324C4R1	2.22e+2	ug/dscm	7%O2	3.45e-3	lbs/hr	CE7%O2
Lead	324C4R2	1.95e+3	ug/dscm	7%O2	2.88e-2	lbs/hr	CE7%O2
Lead	324C4R3	9.83e+2	ug/dscm	7%O2	1.45e-2	lbs/hr	CE7%O2
Lead	324C4R4	1.53e+3	ug/dscm	7%O2	2.05e-2	lbs/hr	CE7%O2
Lead	324C4R5	3.54e+2	ug/dscm	7%O2	4.58e-3	lbs/hr	CE7%O2
Lead	324C4R6	1.16e+2	ug/dscm	7%O2	1.72e-3	lbs/hr	CE7%O2
Lead	324C4R7	3.12e+2	ug/dscm	7%O2	4.36e-3	lbs/hr	CE7%O2

7. Category: Particulate

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate		Calc
Particulate	324C1R1	4.72e-3	gr/dscf	7%O2	1.60e-1	lbs/hr	
Particulate	324C1R2	1.58e-2	gr/dscf	7%O2	6.10e-1	lbs/hr	
Particulate	324C1R3	7.12e-2	gr/dscf	7%O2	2.71e+0	lbs/hr	
Particulate	324C1R4	1.20e-2	gr/dscf	7%O2	3.90e-1	lbs/hr	
Particulate	324C1R5	6.77e-3	gr/dscf	7%O2	2.20e-1	lbs/hr	
Particulate	324C1R6	4.15e-3	gr/dscf	7%O2	1.40e-1	lbs/hr	

1. COMPANY: ALLIED CORPORATION
2. STATE: AL
3. CITY: BIRMINGHAM EPA ALD031499833 REGION: 4
4. EP ID: 324 DEVICE NAME: SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: ?

Particulate	324C1R7		9.00e-3	gr/dscf	7%O2	3.20e-1	lbs/hr	
Particulate	324C2R1		5.55e-3	gr/dscf	7%O2	1.60e-1	lbs/hr	
Particulate	324C2R2		1.58e-2	gr/dscf	7%O2	6.10e-1	lbs/hr	
Particulate	324C2R3		7.12e-2	gr/dscf	7%O2	2.71e+0	lbs/hr	
Particulate	324C2R4		4.81e-2	gr/dscf	7%O2	1.56e+0	lbs/hr	
Particulate	324C2R5		1.19e-2	gr/dscf	7%O2	3.90e-1	lbs/hr	
Particulate	324C2R6		4.67e-3	gr/dscf	7%O2	1.40e-1	lbs/hr	
Particulate	324C2R7		6.16e-3	gr/dscf	7%O2	2.20e-1	lbs/hr	
Particulate	324C3R1		9.43e-3	gr/dscf	7%O2	3.40e-1	lbs/hr	
Particulate	324C3R2		1.11e-2	gr/dscf	7%O2	4.20e-1	lbs/hr	
Particulate	324C3R3		3.75e-2	gr/dscf	7%O2	1.52e+0	lbs/hr	
Particulate	324C3R4		2.07e-2	gr/dscf	7%O2	9.10e-1	lbs/hr	
Particulate	324C3R5		6.42e-3	gr/dscf	7%O2	2.20e-1	lbs/hr	
Particulate	324C3R6		4.32e-3	gr/dscf	7%O2	1.40e-1	lbs/hr	
Particulate	324C3R7		5.24e-3	gr/dscf	7%O2	1.70e-1	lbs/hr	
Particulate	324C4R1		8.47e-3	gr/dscf	7%O2	2.90e-1	lbs/hr	
Particulate	324C4R2		3.45e-2	gr/dscf	7%O2	1.14e+0	lbs/hr	
Particulate	324C4R3		1.15e-1	gr/dscf	7%O2	3.72e+0	lbs/hr	
Particulate	324C4R4		1.63e-2	gr/dscf	7%O2	4.90e-1	lbs/hr	
Particulate	324C4R5		1.29e-2	gr/dscf	7%O2	4.00e-1	lbs/hr	
Particulate	324C4R6		4.76e-3	gr/dscf	7%O2	1.60e-1	lbs/hr	
Particulate	324C4R7		1.08e-2	gr/dscf	7%O2	3.50e-1	lbs/hr	

7. Category: SVOC

Analysis:

8. Substance	9. Run ID	Concentration				Mass Rate		Calc
1,2,4-Trichlorobenzene	324C1R1	ND	3.51e+3	ng/dscm	7%O2	5.34e-5	lbs/hr	CC7%O2
1,2,4-Trichlorobenzene	324C1R2	ND	3.27e+3	ng/dscm	7%O2	5.24e-5	lbs/hr	CC7%O2
1,2,4-Trichlorobenzene	324C1R3	ND	3.36e+3	ng/dscm	7%O2	5.31e-5	lbs/hr	CC7%O2
1,2,4-Trichlorobenzene	324C1R4	ND	3.77e+3	ng/dscm	7%O2	5.08e-5	lbs/hr	CC7%O2
1,2,4-Trichlorobenzene	324C1R5	ND	4.37e+3	ng/dscm	7%O2	6.30e-5	lbs/hr	CC7%O2
1,2,4-Trichlorobenzene	324C2R1	ND	6.42e+3	ng/dscm	7%O2	8.24e-5	lbs/hr	CC7%O2
1,2,4-Trichlorobenzene	324C2R2	ND	3.96e+3	ng/dscm	7%O2	6.26e-5	lbs/hr	CC7%O2
1,2,4-Trichlorobenzene	324C2R3	ND	4.64e+3	ng/dscm	7%O2	6.60e-5	lbs/hr	CC7%O2
1,2,4-Trichlorobenzene	324C2R4	ND	4.40e+3	ng/dscm	7%O2	6.45e-5	lbs/hr	CC7%O2
1,2,4-Trichlorobenzene	324C2R5	ND	6.05e+3	ng/dscm	7%O2	8.75e-5	lbs/hr	CC7%O2
1,2,4-Trichlorobenzene	324C3R1	ND	4.17e+3	ng/dscm	7%O2	6.76e-5	lbs/hr	CC7%O2
1,2,4-Trichlorobenzene	324C3R2	ND	3.92e+3	ng/dscm	7%O2	6.54e-5	lbs/hr	CC7%O2
1,2,4-Trichlorobenzene	324C3R3	ND	3.83e+3	ng/dscm	7%O2	6.49e-5	lbs/hr	CC7%O2
1,2,4-Trichlorobenzene	324C3R4	ND	3.38e+3	ng/dscm	7%O2	6.50e-5	lbs/hr	CC7%O2
1,2,4-Trichlorobenzene	324C3R5	ND	6.82e+3	ng/dscm	7%O2	9.74e-5	lbs/hr	CC7%O2
1,2,4-Trichlorobenzene	324C4R1	ND	4.35e+3	ng/dscm	7%O2	6.74e-5	lbs/hr	CC7%O2
1,2,4-Trichlorobenzene	324C4R2	ND	4.22e+3	ng/dscm	7%O2	6.22e-5	lbs/hr	CC7%O2
1,2,4-Trichlorobenzene	324C4R3	ND	4.54e+3	ng/dscm	7%O2	6.70e-5	lbs/hr	CC7%O2
1,2,4-Trichlorobenzene	324C4R4	ND	4.92e+3	ng/dscm	7%O2	6.60e-5	lbs/hr	CC7%O2
1,2,4-Trichlorobenzene	324C4R5	ND	1.39e+4	ng/dscm	7%O2	1.80e-4	lbs/hr	CC7%O2
Pentachlorophenol	324C1R1	ND	7.04e+3	ng/dscm	7%O2	1.07e-4	lbs/hr	CC7%O2
Pentachlorophenol	324C1R2	ND	6.55e+3	ng/dscm	7%O2	1.05e-4	lbs/hr	CC7%O2
Pentachlorophenol	324C1R3	ND	6.71e+3	ng/dscm	7%O2	1.06e-4	lbs/hr	CC7%O2
Pentachlorophenol	324C1R4	ND	7.56e+3	ng/dscm	7%O2	1.02e-4	lbs/hr	CC7%O2
Pentachlorophenol	324C1R5	ND	8.74e+3	ng/dscm	7%O2	1.26e-4	lbs/hr	CC7%O2
Pentachlorophenol	324C2R1	ND	1.28e+4	ng/dscm	7%O2	1.65e-4	lbs/hr	CC7%O2
Pentachlorophenol	324C2R2	ND	7.92e+3	ng/dscm	7%O2	1.25e-4	lbs/hr	CC7%O2
Pentachlorophenol	324C2R3	ND	9.28e+3	ng/dscm	7%O2	1.32e-4	lbs/hr	CC7%O2
Pentachlorophenol	324C2R4	ND	8.81e+3	ng/dscm	7%O2	1.29e-4	lbs/hr	CC7%O2
Pentachlorophenol	324C2R5	ND	1.21e+4	ng/dscm	7%O2	1.75e-4	lbs/hr	CC7%O2
Pentachlorophenol	324C3R1	ND	8.32e+3	ng/dscm	7%O2	1.35e-4	lbs/hr	CC7%O2
Pentachlorophenol	324C3R2	ND	7.84e+3	ng/dscm	7%O2	1.31e-4	lbs/hr	CC7%O2
Pentachlorophenol	324C3R3	ND	7.66e+3	ng/dscm	7%O2	1.30e-4	lbs/hr	CC7%O2
Pentachlorophenol	324C3R4	ND	6.76e+3	ng/dscm	7%O2	1.30e-4	lbs/hr	CC7%O2
Pentachlorophenol	324C3R5	ND	1.37e+4	ng/dscm	7%O2	1.95e-4	lbs/hr	CC7%O2
Pentachlorophenol	324C4R1	ND	8.72e+3	ng/dscm	7%O2	1.35e-4	lbs/hr	CC7%O2
Pentachlorophenol	324C4R2	ND	8.41e+3	ng/dscm	7%O2	1.24e-4	lbs/hr	CC7%O2

1. COMPANY: ALLIED CORPORATION
2. STATE: AL
3. CITY: BIRMINGHAM EPA ID: ALD031499833 REGION: 4
4. EP ID: 324 DEVICE NAME: SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: ?

Pentachlorophenol	324C4R3	ND	9.09e+3	ng/dscm	7%O2	1.34e-4	lbs/hr	CC7%O2
Pentachlorophenol	324C4R4	ND	9.85e+3	ng/dscm	7%O2	1.32e-4	lbs/hr	CC7%O2
Pentachlorophenol	324C4R5	ND	2.78e+4	ng/dscm	7%O2	3.59e-4	lbs/hr	CC7%O2

7. Category: THC & CO

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate		Calc
CO	324C1R1	4.50e+1	ppmv	7%O2	7.95e-1	lbs/hr	CE
CO	324C1R2	4.00e+1	ppmv	7%O2	7.45e-1	lbs/hr	CE
CO	324C1R3	3.90e+1	ppmv	7%O2	7.16e-1	lbs/hr	CE
CO	324C1R4	3.00e+1	ppmv	7%O2	4.70e-1	lbs/hr	CE
CO	324C1R5	3.00e+1	ppmv	7%O2	5.03e-1	lbs/hr	CE
CO	324C1R6	3.00e+1	ppmv	7%O2	5.20e-1	lbs/hr	CE
CO	324C1R7	2.80e+1	ppmv	7%O2	4.97e-1	lbs/hr	CE
CO	324C2R1	4.50e+1	ppmv	7%O2	6.72e-1	lbs/hr	CE
CO	324C2R2	5.00e+1	ppmv	7%O2	9.18e-1	lbs/hr	CE
CO	324C2R3	6.00e+1	ppmv	7%O2	9.92e-1	lbs/hr	CE
CO	324C2R4	4.00e+1	ppmv	7%O2	6.81e-1	lbs/hr	CE
CO	324C2R5	3.60e+1	ppmv	7%O2	6.05e-1	lbs/hr	CE
CO	324C2R6	3.60e+1	ppmv	7%O2	5.83e-1	lbs/hr	CE
CO	324C2R7	3.60e+1	ppmv	7%O2	6.51e-1	lbs/hr	CE
CO	324C3R1	3.00e+1	ppmv	7%O2	5.66e-1	lbs/hr	CE
CO	324C3R2	3.50e+1	ppmv	7%O2	6.79e-1	lbs/hr	CE
CO	324C3R3	3.00e+1	ppmv	7%O2	5.92e-1	lbs/hr	CE
CO	324C3R4	2.00e+1	ppmv	7%O2	4.47e-1	lbs/hr	CE
CO	324C3R5	2.00e+1	ppmv	7%O2	3.32e-1	lbs/hr	CE
CO	324C3R6	2.50e+1	ppmv	7%O2	4.05e-1	lbs/hr	CE
CO	324C3R7	2.50e+1	ppmv	7%O2	4.07e-1	lbs/hr	CE
CO	324C4R1	3.00e+1	ppmv	7%O2	5.40e-1	lbs/hr	CE
CO	324C4R2	3.00e+1	ppmv	7%O2	5.14e-1	lbs/hr	CE
CO	324C4R3	2.80e+1	ppmv	7%O2	4.80e-1	lbs/hr	CE
CO	324C4R4	2.50e+1	ppmv	7%O2	3.90e-1	lbs/hr	CE
CO	324C4R5	2.80e+1	ppmv	7%O2	4.21e-1	lbs/hr	CE
CO	324C4R6	3.00e+1	ppmv	7%O2	5.16e-1	lbs/hr	CE
CO	324C4R7	3.00e+1	ppmv	7%O2	4.87e-1	lbs/hr	CE

SECTION 7: EMISSIONS ANALYSES

1. COMPANY: AMERICAN CYANAMID
2. STATE: MO
3. CITY: HANNIBAL EPA ID: MOD050226075 REGION: 7
4. EP ID: 805 DEVICE NAME: TRANE/BRULE SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: QT/QS/VS/ES/PBS

5. Type: CONTROLLED

6. Description: EMISSIONS Process Group: ALL DEVICES Location: STACK Phase: GAS

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate		Calc
Chlorine	805C1R1	ND	4.16e+0	ppmv 7%O2	5.09e-1	lbs/hr	CC7%O2
Chlorine	805C1R2	ND	8.80e+0	ppmv 7%O2	7.07e-1	lbs/hr	CC7%O2
Chlorine	805C1R3	ND	5.07e+0	ppmv 7%O2	7.20e-1	lbs/hr	CC7%O2

7. Category: Particulate

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate		Calc
Particulate	805C1R1		5.66e-2	gr/dscf 7%O2	5.40e+0	lbs/hr	CE
Particulate	805C1R2		5.77e-2	gr/dscf 7%O2	3.61e+0	lbs/hr	CE
Particulate	805C1R3		4.89e-2	gr/dscf 7%O2	5.41e+0	lbs/hr	CE

7. Category: SVOC

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate		Calc
Formic acid	805C1R1		1.79e+7	ng/dscm 7%O2	7.45e-1	lbs/hr	CC7%O2
Formic acid	805C1R2		6.83e+6	ng/dscm 7%O2	1.87e-1	lbs/hr	CC7%O2
Formic acid	805C1R3		4.77e+6	ng/dscm 7%O2	2.30e-1	lbs/hr	CC7%O2

7. Category: THC & CO

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate		Calc
CO	805C1R1		3.73e+2	ppmv 7%O2	1.81e+1	lbs/hr	CE7%O2
CO	805C1R2		8.31e+2	ppmv 7%O2	2.64e+1	lbs/hr	CE7%O2
CO	805C1R3		1.19e+2	ppmv 7%O2	6.67e+0	lbs/hr	CE7%O2
CO	805C2R1		4.59e+2	ppmv 7%O2	2.11e+1	lbs/hr	CE7%O2
CO	805C2R2		3.11e+2	ppmv 7%O2	1.76e+1	lbs/hr	CE7%O2
CO	805C2R3		2.91e+2	ppmv 7%O2	1.56e+1	lbs/hr	CE7%O2
THC	805C1R1		1.38e+1	ppmv 7%O2	1.05e+0	lbs/hr	CE7%O2
THC	805C1R2		4.80e+0	ppmv 7%O2	2.40e-1	lbs/hr	CE7%O2
THC	805C1R3		4.40e+0	ppmv 7%O2	3.88e-1	lbs/hr	CE7%O2

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate		Calc
Chlorobenzene	805C2R1		1.30e+5	ng/dscm 7%O2	5.15e-3	lbs/hr	CE7%O2
Chlorobenzene	805C2R2		2.00e+4	ng/dscm 7%O2	9.77e-4	lbs/hr	CE7%O2
Chlorobenzene	805C2R3		1.96e+4	ng/dscm 7%O2	9.03e-4	lbs/hr	CE7%O2
Tetrachloroethene	805C1R1		6.19e+2	ng/dscm 7%O2	2.58e-5	lbs/hr	CE7%O2
Tetrachloroethene	805C1R2		2.48e+2	ng/dscm 7%O2	6.80e-6	lbs/hr	CE7%O2
Tetrachloroethene	805C1R3		1.31e+5	ng/dscm 7%O2	6.32e-3	lbs/hr	CE7%O2

1. COMPANY: AMOCO OIL CO.
2. STATE: IN
3. CITY: WHITING EPA IND000810861 REGION: 5
4. EP ID: 806 DEVICE NAME: FLUIDIZED BED SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: C/VS

5. Type: CONTROLLED

6. Description: EMISSIONS Process Group: FLUIDIZED BED Location: STACK Phase: GAS

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate		Calc
HCl	806C1R2		4.04e+1	ppmv 7%O2	2.28e+0	lbs/hr	CC7%O2
HCl	806C1R3		4.33e+1	ppmv 7%O2	2.33e+0	lbs/hr	CC7%O2
HCl	806C2R1		4.67e+1	ppmv 7%O2	2.15e+0	lbs/hr	CC7%O2
HCl	806C2R2		3.11e+1	ppmv 7%O2	1.46e+0	lbs/hr	CC7%O2
HCl	806C2R3		6.49e+1	ppmv 7%O2	2.85e+0	lbs/hr	CC7%O2

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate		Calc
Antimony	806C1R1	ND	3.06e-1	ug/dscm 7%O2	1.13e-5	lbs/hr	CC7%O2
Antimony	806C1R2	ND	3.17e-1	ug/dscm 7%O2	1.18e-5	lbs/hr	CC7%O2
Antimony	806C1R3	ND	2.68e-1	ug/dscm 7%O2	9.52e-6	lbs/hr	CC7%O2
Antimony	806C2R1	ND	3.40e-1	ug/dscm 7%O2	1.04e-5	lbs/hr	CC7%O2
Antimony	806C2R2	ND	3.12e-1	ug/dscm 7%O2	9.68e-6	lbs/hr	CC7%O2
Antimony	806C2R3	ND	3.30e-1	ug/dscm 7%O2	9.59e-6	lbs/hr	CC7%O2
Arsenic	806C1R1		6.12e-1	ug/dscm 7%O2	2.26e-5	lbs/hr	CC7%O2
Arsenic	806C1R2		6.33e-1	ug/dscm 7%O2	2.36e-5	lbs/hr	CC7%O2
Arsenic	806C1R3		6.70e-1	ug/dscm 7%O2	2.38e-5	lbs/hr	CC7%O2
Arsenic	806C2R1		8.50e-1	ug/dscm 7%O2	2.59e-5	lbs/hr	CC7%O2
Arsenic	806C2R2		3.12e-1	ug/dscm 7%O2	9.68e-6	lbs/hr	CC7%O2
Arsenic	806C2R3		3.30e-1	ug/dscm 7%O2	9.59e-6	lbs/hr	CC7%O2
Barium	806C1R1		4.28e+2	ug/dscm 7%O2	1.58e-2	lbs/hr	CC7%O2
Barium	806C1R2		4.59e+2	ug/dscm 7%O2	1.71e-2	lbs/hr	CC7%O2
Barium	806C1R3		3.75e+2	ug/dscm 7%O2	1.33e-2	lbs/hr	CC7%O2
Barium	806C2R1		5.10e+2	ug/dscm 7%O2	1.55e-2	lbs/hr	CC7%O2
Barium	806C2R2		4.68e+2	ug/dscm 7%O2	1.45e-2	lbs/hr	CC7%O2
Barium	806C2R3		4.62e+2	ug/dscm 7%O2	1.34e-2	lbs/hr	CC7%O2
Beryllium	806C1R1	ND	1.53e-1	ug/dscm 7%O2	5.64e-6	lbs/hr	CC7%O2
Beryllium	806C1R2	ND	1.58e-1	ug/dscm 7%O2	5.91e-6	lbs/hr	CC7%O2
Beryllium	806C1R3	ND	1.34e-1	ug/dscm 7%O2	4.76e-6	lbs/hr	CC7%O2
Beryllium	806C2R1		1.70e-1	ug/dscm 7%O2	5.18e-6	lbs/hr	CC7%O2
Beryllium	806C2R2		1.56e-1	ug/dscm 7%O2	4.85e-6	lbs/hr	CC7%O2
Beryllium	806C2R3		1.65e-1	ug/dscm 7%O2	4.81e-6	lbs/hr	CC7%O2
Cadmium	806C1R1		9.17e-1	ug/dscm 7%O2	3.38e-5	lbs/hr	CC7%O2
Cadmium	806C1R2		7.91e-1	ug/dscm 7%O2	2.95e-5	lbs/hr	CC7%O2
Cadmium	806C1R3		2.68e+0	ug/dscm 7%O2	9.53e-5	lbs/hr	CC7%O2
Cadmium	806C2R1		1.36e+0	ug/dscm 7%O2	4.14e-5	lbs/hr	CC7%O2
Cadmium	806C2R2		6.24e-1	ug/dscm 7%O2	1.94e-5	lbs/hr	CC7%O2
Cadmium	806C2R3		8.25e-1	ug/dscm 7%O2	2.40e-5	lbs/hr	CC7%O2
Chromium	806C1R1		5.96e+0	ug/dscm 7%O2	2.20e-4	lbs/hr	CC7%O2
Chromium	806C1R2		9.50e+0	ug/dscm 7%O2	3.55e-4	lbs/hr	CC7%O2
Chromium	806C1R3		7.37e+0	ug/dscm 7%O2	2.62e-4	lbs/hr	CC7%O2
Chromium	806C2R1		8.33e+0	ug/dscm 7%O2	2.54e-4	lbs/hr	CC7%O2
Chromium	806C2R2		5.00e+0	ug/dscm 7%O2	1.55e-4	lbs/hr	CC7%O2
Chromium	806C2R3		4.79e+0	ug/dscm 7%O2	1.39e-4	lbs/hr	CC7%O2
Lead	806C1R1		4.44e+2	ug/dscm 7%O2	1.63e-2	lbs/hr	CC7%O2
Lead	806C1R2		6.02e+2	ug/dscm 7%O2	2.25e-2	lbs/hr	CC7%O2
Lead	806C1R3		7.23e+2	ug/dscm 7%O2	2.57e-2	lbs/hr	CC7%O2
Lead	806C2R1		4.93e+2	ug/dscm 7%O2	1.50e-2	lbs/hr	CC7%O2
Lead	806C2R2		3.90e+2	ug/dscm 7%O2	1.21e-2	lbs/hr	CC7%O2
Lead	806C2R3		4.95e+2	ug/dscm 7%O2	1.44e-2	lbs/hr	CC7%O2
Mercury	806C1R1		1.93e+2	ug/dscm 7%O2	7.10e-3	lbs/hr	CC7%O2
Mercury	806C1R2		1.29e+2	ug/dscm 7%O2	4.83e-3	lbs/hr	CC7%O2
Mercury	806C1R3		1.96e+2	ug/dscm 7%O2	6.96e-3	lbs/hr	CC7%O2

1. COMPANY: AMOCO OIL CO.
2. STATE: IN
3. CITY: WHITING EPA ID: IND000810861 REGION: 5
4. EP ID: 806 DEVICE NAME: FLUIDIZED BED SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: C/VS

Mercury	806C2R1		8.45e+1	ug/dscm	7%O2	2.58e-3	lbs/hr	CC7%O2
Mercury	806C2R2		1.46e+2	ug/dscm	7%O2	4.53e-3	lbs/hr	CC7%O2
Mercury	806C2R3		1.23e+2	ug/dscm	7%O2	3.57e-3	lbs/hr	CC7%O2
Silver	806C1R1		3.06e-1	ug/dscm	7%O2	1.13e-5	lbs/hr	CC7%O2
Silver	806C1R2		4.75e-1	ug/dscm	7%O2	1.77e-5	lbs/hr	CC7%O2
Silver	806C1R3		1.34e-1	ug/dscm	7%O2	4.76e-6	lbs/hr	CC7%O2
Silver	806C2R1		1.70e+0	ug/dscm	7%O2	5.18e-5	lbs/hr	CC7%O2
Silver	806C2R2		3.12e-1	ug/dscm	7%O2	9.68e-6	lbs/hr	CC7%O2
Silver	806C2R3		2.48e+0	ug/dscm	7%O2	7.20e-5	lbs/hr	CC7%O2
Thallium	806C1R1	ND	1.53e-1	ug/dscm	7%O2	5.64e-6	lbs/hr	CC7%O2
Thallium	806C1R2	ND	1.58e-1	ug/dscm	7%O2	5.91e-6	lbs/hr	CC7%O2
Thallium	806C1R3	ND	1.34e-1	ug/dscm	7%O2	4.76e-6	lbs/hr	CC7%O2
Thallium	806C2R1	ND	1.70e-1	ug/dscm	7%O2	5.18e-6	lbs/hr	CC7%O2
Thallium	806C2R2	ND	1.56e-1	ug/dscm	7%O2	4.85e-6	lbs/hr	CC7%O2
Thallium	806C2R3	ND	1.65e-1	ug/dscm	7%O2	4.81e-6	lbs/hr	CC7%O2

7. Category: Particulate

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate		Calc
Particulate	806C1R1	4.44e-2	gr/dscf	7%O2	3.75e+0	lbs/hr	CE7%O2
Particulate	806C1R2	6.44e-2	gr/dscf	7%O2	5.51e+0	lbs/hr	CE7%O2
Particulate	806C1R3	5.91e-2	gr/dscf	7%O2	4.82e+0	lbs/hr	CE7%O2
Particulate	806C2R1	3.04e-2	gr/dscf	7%O2	2.12e+0	lbs/hr	CE7%O2
Particulate	806C2R2	3.01e-2	gr/dscf	7%O2	2.14e+0	lbs/hr	CE7%O2
Particulate	806C2R3	3.14e-2	gr/dscf	7%O2	2.09e+0	lbs/hr	CE7%O2

7. Category: THC & CO

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate		Calc
CO	806C1R1	7.32e+1	ppmv	7%O2	3.77e+0	lbs/hr	
CO	806C1R2	6.01e+1	ppmv	7%O2	2.64e+0	lbs/hr	
CO	806C1R3	7.21e+1	ppmv	7%O2	3.11e+0	lbs/hr	
CO	806C2R1	3.02e+2	ppmv	7%O2	1.23e+1	lbs/hr	
CO	806C2R2	3.21e+2	ppmv	7%O2	1.00e+1	lbs/hr	
CO	806C2R3	3.37e+2	ppmv	7%O2	1.04e+1	lbs/hr	
THC	806C1R1	1.01e+1	ppmv	7%O2	8.20e-1	lbs/hr	
THC	806C1R2	1.21e+1	ppmv	7%O2	8.30e-1	lbs/hr	
THC	806C1R3	9.53e+0	ppmv	7%O2	6.40e-1	lbs/hr	
THC	806C2R1	6.83e+1	ppmv	7%O2	4.37e+0	lbs/hr	
THC	806C2R2	1.88e+1	ppmv	7%O2	9.50e-1	lbs/hr	
THC	806C2R3	2.04e+1	ppmv	7%O2	9.70e-1	lbs/hr	

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate		Calc
1,1,1-Trichloroethane	806C1R1	4.08e+3	ng/dscm	7%O2	1.51e-4	lbs/hr	CE7%O2
1,1,1-Trichloroethane	806C1R2	3.89e+3	ng/dscm	7%O2	1.45e-4	lbs/hr	CE7%O2
1,1,1-Trichloroethane	806C1R3	3.36e+3	ng/dscm	7%O2	1.20e-4	lbs/hr	CE7%O2
1,1,1-Trichloroethane	806C2R1	1.66e+4	ng/dscm	7%O2	5.07e-4	lbs/hr	CE7%O2
1,1,1-Trichloroethane	806C2R2	1.99e+4	ng/dscm	7%O2	6.19e-4	lbs/hr	CE7%O2
1,1,1-Trichloroethane	806C2R3	7.34e+3	ng/dscm	7%O2	2.14e-4	lbs/hr	CE7%O2
Toluene	806C1R1	1.30e+4	ng/dscm	7%O2	4.82e-4	lbs/hr	CE7%O2
Toluene	806C1R2	3.08e+3	ng/dscm	7%O2	1.15e-4	lbs/hr	CE7%O2
Toluene	806C1R3	1.61e+3	ng/dscm	7%O2	5.73e-5	lbs/hr	CE7%O2
Toluene	806C2R1	1.77e+4	ng/dscm	7%O2	5.42e-4	lbs/hr	CE7%O2
Toluene	806C2R2	9.43e+3	ng/dscm	7%O2	2.93e-4	lbs/hr	CE7%O2
Toluene	806C2R3	2.16e+3	ng/dscm	7%O2	6.30e-5	lbs/hr	CE7%O2

1. COMPANY: APTUS
2. STATE: KS
3. CITY: COFFEYVILLE EPA ID: KSD981506025 REGION: 7
4. EP ID: 325 DEVICE NAME: SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: SD/FF/WS/IWS

5. Type: CONTROLLED

6. Description: EMISSIONS Process Group: ROTARY KILN Location: STACK Phase: GAS

7. Category: Dioxin & Furan

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate		Calc
4D 2378	325A1R1		6.64e-2	ng/dscm 7%O2	2.18e-9	lbs/hr	CE7%O2
4D 2378	325A1R2		5.80e-2	ng/dscm 7%O2	2.67e-9	lbs/hr	CE7%O2
4D 2378	325A1R3		5.67e-2	ng/dscm 7%O2	2.55e-9	lbs/hr	CE7%O2
4D 2378	325A2R1		5.76e-2	ng/dscm 7%O2	2.52e-9	lbs/hr	CE7%O2
4D 2378	325A2R2		5.35e-2	ng/dscm 7%O2	2.00e-9	lbs/hr	CE7%O2
4D 2378	325A2R3		4.18e-2	ng/dscm 7%O2	1.90e-9	lbs/hr	CE7%O2
4D 2378	325C4R1	ND	1.73e-1	ng/dscm 7%O2	8.92e-9	lbs/hr	CE7%O2
4D 2378	325C4R2	ND	8.71e-1	ng/dscm 7%O2	4.41e-8	lbs/hr	CE7%O2
4D 2378	325C4R3	ND	2.74e-1	ng/dscm 7%O2	1.31e-8	lbs/hr	CE7%O2
4D 2378	325C5R1	ND	3.09e-1	ng/dscm 7%O2	1.48e-8	lbs/hr	CE7%O2
4D 2378	325C5R2	ND	3.30e-1	ng/dscm 7%O2	1.56e-8	lbs/hr	CE7%O2
4D 2378	325C5R3	ND	2.36e-1	ng/dscm 7%O2	1.06e-8	lbs/hr	CE7%O2
4D 2378	325C6R1	ND	2.98e-1	ng/dscm 7%O2	1.49e-8	lbs/hr	CE7%O2
4D 2378	325C6R2	ND	2.68e-1	ng/dscm 7%O2	1.42e-8	lbs/hr	CE7%O2
4D 2378	325C6R3	ND	4.67e-1	ng/dscm 7%O2	2.01e-8	lbs/hr	CE7%O2
4D 2378	325C7R1	ND	3.07e-1	ng/dscm 7%O2	1.73e-8	lbs/hr	CE7%O2
4D 2378	325C7R2	ND	4.51e-1	ng/dscm 7%O2	2.21e-8	lbs/hr	CE7%O2
4D 2378	325C7R3	ND	3.54e-1	ng/dscm 7%O2	1.83e-8	lbs/hr	CE7%O2
4D 2378	325C8R2		9.71e-2	ng/dscm 7%O2	4.41e-9	lbs/hr	CE7%O2
4D 2378	325C8R3		5.05e-2	ng/dscm 7%O2	2.30e-9	lbs/hr	CE7%O2
4D 2378	325C9R1		7.90e-2	ng/dscm 7%O2	3.89e-9	lbs/hr	CE7%O2
4D 2378	325C9R2		1.03e-1	ng/dscm 7%O2	4.46e-9	lbs/hr	CE7%O2
4D 2378	325C9R3		4.57e-3	ng/dscm 7%O2	2.02e-10	lbs/hr	CE7%O2
4D Other	325A1R1		2.50e+0	ng/dscm 7%O2	8.22e-8	lbs/hr	CE7%O2
4D Other	325A1R2		2.37e+0	ng/dscm 7%O2	1.09e-7	lbs/hr	CE7%O2
4D Other	325A1R3		2.31e+0	ng/dscm 7%O2	1.04e-7	lbs/hr	CE7%O2
4D Other	325A2R1		2.14e+0	ng/dscm 7%O2	9.38e-8	lbs/hr	CE7%O2
4D Other	325A2R2		2.40e+0	ng/dscm 7%O2	8.98e-8	lbs/hr	CE7%O2
4D Other	325A2R3		1.87e+0	ng/dscm 7%O2	8.50e-8	lbs/hr	CE7%O2
4D Other	325C4R1		2.16e-1	ng/dscm 7%O2	1.12e-8	lbs/hr	CCE
4D Other	325C4R2		2.71e-1	ng/dscm 7%O2	1.37e-8	lbs/hr	CCE
4D Other	325C4R3		9.49e-1	ng/dscm 7%O2	4.54e-8	lbs/hr	CCE
4D Other	325C5R1		1.95e+0	ng/dscm 7%O2	9.31e-8	lbs/hr	CCE
4D Other	325C5R2		2.64e+0	ng/dscm 7%O2	1.25e-7	lbs/hr	CCE
4D Other	325C5R3		6.48e-1	ng/dscm 7%O2	2.91e-8	lbs/hr	CCE
4D Other	325C6R1		1.49e-2	ng/dscm 7%O2	7.45e-10	lbs/hr	CCE
4D Other	325C6R2		1.37e+0	ng/dscm 7%O2	7.26e-8	lbs/hr	CCE
4D Other	325C6R3		5.00e-2	ng/dscm 7%O2	2.15e-9	lbs/hr	CCE
4D Other	325C7R1		-2.13e-1	ng/dscm 7%O2	-1.20e-8	lbs/hr	CCE
4D Other	325C7R2		6.28e-1	ng/dscm 7%O2	3.07e-8	lbs/hr	CCE
4D Other	325C7R3		1.06e+0	ng/dscm 7%O2	5.49e-8	lbs/hr	CCE
4D Other	325C8R2		2.55e+0	ng/dscm 7%O2	1.16e-7	lbs/hr	CE7%O2
4D Other	325C8R3		2.43e+0	ng/dscm 7%O2	1.10e-7	lbs/hr	CE7%O2
4D Other	325C9R1		1.76e+0	ng/dscm 7%O2	8.69e-8	lbs/hr	CE7%O2
4D Other	325C9R2		1.74e+0	ng/dscm 7%O2	7.51e-8	lbs/hr	CE7%O2
4D Other	325C9R3		1.98e+0	ng/dscm 7%O2	8.76e-8	lbs/hr	CE7%O2
4D Total	325A1R1		2.57e+0	ng/dscm 7%O2	8.43e-8	lbs/hr	CCE
4D Total	325A1R2		2.43e+0	ng/dscm 7%O2	1.12e-7	lbs/hr	CCE
4D Total	325A1R3		2.37e+0	ng/dscm 7%O2	1.06e-7	lbs/hr	CCE
4D Total	325A2R1		2.20e+0	ng/dscm 7%O2	9.63e-8	lbs/hr	CCE
4D Total	325A2R2		2.46e+0	ng/dscm 7%O2	9.18e-8	lbs/hr	CCE
4D Total	325A2R3		1.91e+0	ng/dscm 7%O2	8.69e-8	lbs/hr	CCE
4D Total	325C4R1	ND	3.90e-1	ng/dscm 7%O2	2.01e-8	lbs/hr	CE7%O2
4D Total	325C4R2	ND	1.14e+0	ng/dscm 7%O2	5.78e-8	lbs/hr	CE7%O2
4D Total	325C4R3	ND	1.22e+0	ng/dscm 7%O2	5.85e-8	lbs/hr	CE7%O2
4D Total	325C5R1		2.25e+0	ng/dscm 7%O2	1.08e-7	lbs/hr	CE7%O2
4D Total	325C5R2		2.97e+0	ng/dscm 7%O2	1.41e-7	lbs/hr	CE7%O2

1. COMPANY: APTUS
2. STATE: KS
3. CITY: COFFEYVILLE EPA ID: KSD981506025 REGION: 7
4. EP ID: 325 DEVICE NAME: SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: SD/FF/WS/IWS

4D Total	325C5R3		8.84e-1	ng/dscm	7%O2	3.97e-8	lbs/hr	CE7%O2
4D Total	325C6R1	ND	3.13e-1	ng/dscm	7%O2	1.56e-8	lbs/hr	CE7%O2
4D Total	325C6R2		1.64e+0	ng/dscm	7%O2	8.68e-8	lbs/hr	CE7%O2
4D Total	325C6R3		5.17e-1	ng/dscm	7%O2	2.22e-8	lbs/hr	CE7%O2
4D Total	325C7R1		9.33e-2	ng/dscm	7%O2	5.26e-9	lbs/hr	CE7%O2
4D Total	325C7R2		1.08e+0	ng/dscm	7%O2	5.28e-8	lbs/hr	CE7%O2
4D Total	325C7R3	ND	1.42e+0	ng/dscm	7%O2	7.32e-8	lbs/hr	CE7%O2
4D Total	325C8R2		2.65e+0	ng/dscm	7%O2	1.21e-7	lbs/hr	CCE
4D Total	325C8R3		2.48e+0	ng/dscm	7%O2	1.13e-7	lbs/hr	CCE
4D Total	325C9R1		1.84e+0	ng/dscm	7%O2	9.08e-8	lbs/hr	CCE
4D Total	325C9R2		1.84e+0	ng/dscm	7%O2	7.95e-8	lbs/hr	CCE
4D Total	325C9R3		1.99e+0	ng/dscm	7%O2	8.78e-8	lbs/hr	CCE
4F 2378	325A1R1		1.36e+0	ng/dscm	7%O2	4.45e-8	lbs/hr	CE7%O2
4F 2378	325A1R2		1.90e+0	ng/dscm	7%O2	8.75e-8	lbs/hr	CE7%O2
4F 2378	325A1R3		1.85e+0	ng/dscm	7%O2	8.33e-8	lbs/hr	CE7%O2
4F 2378	325A2R1		1.89e+0	ng/dscm	7%O2	8.26e-8	lbs/hr	CE7%O2
4F 2378	325A2R2		2.83e+0	ng/dscm	7%O2	1.06e-7	lbs/hr	CE7%O2
4F 2378	325A2R3		3.87e+0	ng/dscm	7%O2	1.76e-7	lbs/hr	CE7%O2
4F 2378	325C4R1		6.32e+0	ng/dscm	7%O2	3.26e-7	lbs/hr	CE7%O2
4F 2378	325C4R2		6.39e+0	ng/dscm	7%O2	3.23e-7	lbs/hr	CE7%O2
4F 2378	325C4R3		8.13e+0	ng/dscm	7%O2	3.89e-7	lbs/hr	CE7%O2
4F 2378	325C5R1		1.56e+1	ng/dscm	7%O2	7.46e-7	lbs/hr	CE7%O2
4F 2378	325C5R2		1.42e+1	ng/dscm	7%O2	6.73e-7	lbs/hr	CE7%O2
4F 2378	325C5R3		8.99e+0	ng/dscm	7%O2	4.04e-7	lbs/hr	CE7%O2
4F 2378	325C6R1		5.48e+0	ng/dscm	7%O2	2.74e-7	lbs/hr	CE7%O2
4F 2378	325C6R2		1.59e+1	ng/dscm	7%O2	8.41e-7	lbs/hr	CE7%O2
4F 2378	325C6R3		1.05e+1	ng/dscm	7%O2	4.52e-7	lbs/hr	CE7%O2
4F 2378	325C7R1		9.55e+0	ng/dscm	7%O2	5.38e-7	lbs/hr	CE7%O2
4F 2378	325C7R2		1.30e+1	ng/dscm	7%O2	6.35e-7	lbs/hr	CE7%O2
4F 2378	325C7R3		1.04e+1	ng/dscm	7%O2	5.40e-7	lbs/hr	CE7%O2
4F 2378	325C8R2		1.79e+0	ng/dscm	7%O2	8.13e-8	lbs/hr	CE7%O2
4F 2378	325C8R3		1.92e+0	ng/dscm	7%O2	8.73e-8	lbs/hr	CE7%O2
4F 2378	325C9R1		1.86e+0	ng/dscm	7%O2	9.15e-8	lbs/hr	CE7%O2
4F 2378	325C9R2		1.41e+0	ng/dscm	7%O2	6.10e-8	lbs/hr	CE7%O2
4F 2378	325C9R3		1.99e+0	ng/dscm	7%O2	8.78e-8	lbs/hr	CE7%O2
4F Other	325A1R1		8.43e+1	ng/dscm	7%O2	2.77e-6	lbs/hr	CE7%O2
4F Other	325A1R2		6.65e+1	ng/dscm	7%O2	3.06e-6	lbs/hr	CE7%O2
4F Other	325A1R3		7.03e+1	ng/dscm	7%O2	3.16e-6	lbs/hr	CE7%O2
4F Other	325A2R1		6.10e+1	ng/dscm	7%O2	2.67e-6	lbs/hr	CE7%O2
4F Other	325A2R2		7.90e+1	ng/dscm	7%O2	2.95e-6	lbs/hr	CE7%O2
4F Other	325A2R3		8.91e+1	ng/dscm	7%O2	4.05e-6	lbs/hr	CE7%O2
4F Other	325C4R1		4.35e+1	ng/dscm	7%O2	2.24e-6	lbs/hr	CCE
4F Other	325C4R2		9.91e+0	ng/dscm	7%O2	5.01e-7	lbs/hr	CCE
4F Other	325C4R3		3.44e+1	ng/dscm	7%O2	1.65e-6	lbs/hr	CCE
4F Other	325C5R1		6.11e+1	ng/dscm	7%O2	2.92e-6	lbs/hr	CCE
4F Other	325C5R2		6.78e+1	ng/dscm	7%O2	3.21e-6	lbs/hr	CCE
4F Other	325C5R3		4.27e+1	ng/dscm	7%O2	1.92e-6	lbs/hr	CCE
4F Other	325C6R1		1.54e+1	ng/dscm	7%O2	7.69e-7	lbs/hr	CCE
4F Other	325C6R2		7.94e+1	ng/dscm	7%O2	4.21e-6	lbs/hr	CCE
4F Other	325C6R3		4.41e+1	ng/dscm	7%O2	1.90e-6	lbs/hr	CCE
4F Other	325C7R1		4.06e+1	ng/dscm	7%O2	2.29e-6	lbs/hr	CCE
4F Other	325C7R2		6.06e+1	ng/dscm	7%O2	2.97e-6	lbs/hr	CCE
4F Other	325C7R3		4.80e+1	ng/dscm	7%O2	2.48e-6	lbs/hr	CCE
4F Other	325C8R2		5.95e+1	ng/dscm	7%O2	2.71e-6	lbs/hr	CE7%O2
4F Other	325C8R3		6.38e+1	ng/dscm	7%O2	2.90e-6	lbs/hr	CE7%O2
4F Other	325C9R1		7.25e+1	ng/dscm	7%O2	3.57e-6	lbs/hr	CE7%O2
4F Other	325C9R2		6.39e+1	ng/dscm	7%O2	2.75e-6	lbs/hr	CE7%O2
4F Other	325C9R3		7.86e+1	ng/dscm	7%O2	3.47e-6	lbs/hr	CE7%O2
4F Total	325A1R1		8.56e+1	ng/dscm	7%O2	2.81e-6	lbs/hr	CCE
4F Total	325A1R2		6.84e+1	ng/dscm	7%O2	3.15e-6	lbs/hr	CCE
4F Total	325A1R3		7.21e+1	ng/dscm	7%O2	3.24e-6	lbs/hr	CCE
4F Total	325A2R1		6.28e+1	ng/dscm	7%O2	2.75e-6	lbs/hr	CCE
4F Total	325A2R2		8.19e+1	ng/dscm	7%O2	3.06e-6	lbs/hr	CCE

1. COMPANY: APTUS
2. STATE: KS
3. CITY: COFFEYVILLE EPA ID: KSD981506025 REGION: 7
4. EP ID: 325 DEVICE NAME: SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: SD/FF/WS/IWS

4F Total	325A2R3		9.30e+1	ng/dscm	7%O2	4.23e-6	lbs/hr	CCE
4F Total	325C4R1		4.98e+1	ng/dscm	7%O2	2.57e-6	lbs/hr	CE7%O2
4F Total	325C4R2		1.63e+1	ng/dscm	7%O2	8.24e-7	lbs/hr	CE7%O2
4F Total	325C4R3		4.25e+1	ng/dscm	7%O2	2.04e-6	lbs/hr	CE7%O2
4F Total	325C5R1		7.67e+1	ng/dscm	7%O2	3.67e-6	lbs/hr	CE7%O2
4F Total	325C5R2		8.20e+1	ng/dscm	7%O2	3.88e-6	lbs/hr	CE7%O2
4F Total	325C5R3		5.17e+1	ng/dscm	7%O2	2.32e-6	lbs/hr	CE7%O2
4F Total	325C6R1		2.09e+1	ng/dscm	7%O2	1.04e-6	lbs/hr	CE7%O2
4F Total	325C6R2		9.53e+1	ng/dscm	7%O2	5.05e-6	lbs/hr	CE7%O2
4F Total	325C6R3		5.46e+1	ng/dscm	7%O2	2.35e-6	lbs/hr	CE7%O2
4F Total	325C7R1		5.02e+1	ng/dscm	7%O2	2.83e-6	lbs/hr	CE7%O2
4F Total	325C7R2		7.36e+1	ng/dscm	7%O2	3.61e-6	lbs/hr	CE7%O2
4F Total	325C7R3		5.85e+1	ng/dscm	7%O2	3.02e-6	lbs/hr	CE7%O2
4F Total	325C8R2		6.13e+1	ng/dscm	7%O2	2.79e-6	lbs/hr	CCE
4F Total	325C8R3		6.57e+1	ng/dscm	7%O2	2.99e-6	lbs/hr	CCE
4F Total	325C9R1		7.43e+1	ng/dscm	7%O2	3.66e-6	lbs/hr	CCE
4F Total	325C9R2		6.53e+1	ng/dscm	7%O2	2.82e-6	lbs/hr	CCE
4F Total	325C9R3		8.06e+1	ng/dscm	7%O2	3.56e-6	lbs/hr	CCE
5D 12378	325A1R1		9.28e-2	ng/dscm	7%O2	3.05e-9	lbs/hr	CE7%O2
5D 12378	325A1R2		8.44e-2	ng/dscm	7%O2	3.89e-9	lbs/hr	CE7%O2
5D 12378	325A1R3		8.76e-2	ng/dscm	7%O2	3.93e-9	lbs/hr	CE7%O2
5D 12378	325A2R1		8.38e-2	ng/dscm	7%O2	3.67e-9	lbs/hr	CE7%O2
5D 12378	325A2R2		7.56e-2	ng/dscm	7%O2	2.82e-9	lbs/hr	CE7%O2
5D 12378	325A2R3		5.68e-2	ng/dscm	7%O2	2.58e-9	lbs/hr	CE7%O2
5D 12378	325C8R2		1.12e-1	ng/dscm	7%O2	5.11e-9	lbs/hr	CE7%O2
5D 12378	325C8R3		7.58e-2	ng/dscm	7%O2	3.45e-9	lbs/hr	CE7%O2
5D 12378	325C9R1		1.11e-1	ng/dscm	7%O2	5.49e-9	lbs/hr	CE7%O2
5D 12378	325C9R2		1.63e-1	ng/dscm	7%O2	7.04e-9	lbs/hr	CE7%O2
5D 12378	325C9R3		8.06e-2	ng/dscm	7%O2	3.56e-9	lbs/hr	CE7%O2
5D Other	325A1R1		1.76e+0	ng/dscm	7%O2	5.79e-8	lbs/hr	CE7%O2
5D Other	325A1R2		1.60e+0	ng/dscm	7%O2	7.39e-8	lbs/hr	CE7%O2
5D Other	325A1R3		8.91e-1	ng/dscm	7%O2	4.00e-8	lbs/hr	CE7%O2
5D Other	325A2R1		8.59e-1	ng/dscm	7%O2	3.76e-8	lbs/hr	CE7%O2
5D Other	325A2R2		8.69e-1	ng/dscm	7%O2	3.25e-8	lbs/hr	CE7%O2
5D Other	325A2R3		7.18e-1	ng/dscm	7%O2	3.27e-8	lbs/hr	CE7%O2
5D Other	325C8R2		7.15e-1	ng/dscm	7%O2	3.25e-8	lbs/hr	CE7%O2
5D Other	325C8R3		8.84e-1	ng/dscm	7%O2	4.02e-8	lbs/hr	CE7%O2
5D Other	325C9R1		5.57e-1	ng/dscm	7%O2	2.74e-8	lbs/hr	CE7%O2
5D Other	325C9R2		5.44e-1	ng/dscm	7%O2	2.35e-8	lbs/hr	CE7%O2
5D Other	325C9R3		8.87e-1	ng/dscm	7%O2	3.91e-8	lbs/hr	CE7%O2
5D Total	325A1R1		1.86e+0	ng/dscm	7%O2	6.09e-8	lbs/hr	CCE
5D Total	325A1R2		1.69e+0	ng/dscm	7%O2	7.78e-8	lbs/hr	CCE
5D Total	325A1R3		9.79e-1	ng/dscm	7%O2	4.40e-8	lbs/hr	CCE
5D Total	325A2R1		9.43e-1	ng/dscm	7%O2	4.13e-8	lbs/hr	CCE
5D Total	325A2R2		9.44e-1	ng/dscm	7%O2	3.53e-8	lbs/hr	CCE
5D Total	325A2R3		7.75e-1	ng/dscm	7%O2	3.52e-8	lbs/hr	CCE
5D Total	325C4R1		5.48e-1	ng/dscm	7%O2	2.83e-8	lbs/hr	CE7%O2
5D Total	325C4R2	ND	9.14e-1	ng/dscm	7%O2	4.62e-8	lbs/hr	CE7%O2
5D Total	325C4R3		4.99e-1	ng/dscm	7%O2	2.39e-8	lbs/hr	CE7%O2
5D Total	325C5R1	ND	1.68e+0	ng/dscm	7%O2	8.04e-8	lbs/hr	CE7%O2
5D Total	325C5R2		1.95e+0	ng/dscm	7%O2	9.23e-8	lbs/hr	CE7%O2
5D Total	325C5R3	ND	7.66e-1	ng/dscm	7%O2	3.44e-8	lbs/hr	CE7%O2
5D Total	325C6R1	ND	4.17e-1	ng/dscm	7%O2	2.09e-8	lbs/hr	CE7%O2
5D Total	325C6R2	ND	6.11e-1	ng/dscm	7%O2	3.23e-8	lbs/hr	CE7%O2
5D Total	325C6R3		3.67e-1	ng/dscm	7%O2	1.58e-8	lbs/hr	CE7%O2
5D Total	325C7R1		5.20e-1	ng/dscm	7%O2	2.93e-8	lbs/hr	CE7%O2
5D Total	325C7R2		8.05e-1	ng/dscm	7%O2	3.94e-8	lbs/hr	CE7%O2
5D Total	325C7R3		8.31e-1	ng/dscm	7%O2	4.30e-8	lbs/hr	CE7%O2
5D Total	325C8R2		8.28e-1	ng/dscm	7%O2	3.76e-8	lbs/hr	CCE
5D Total	325C8R3		9.60e-1	ng/dscm	7%O2	4.36e-8	lbs/hr	CCE
5D Total	325C9R1		6.69e-1	ng/dscm	7%O2	3.29e-8	lbs/hr	CCE
5D Total	325C9R2		7.07e-1	ng/dscm	7%O2	3.05e-8	lbs/hr	CCE
5D Total	325C9R3		9.68e-1	ng/dscm	7%O2	4.27e-8	lbs/hr	CCE

1. COMPANY: APTUS
2. STATE: KS
3. CITY: COFFEYVILLE EPA ID: KSD981506025 REGION: 7
4. EP ID: 325 DEVICE NAME: SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: SD/FF/WS/IWS

5F 12378	325A1R1	1.78e+0	ng/dscm	7%O2	5.86e-8	lbs/hr	CE7%O2
5F 12378	325A1R2	1.69e+0	ng/dscm	7%O2	7.78e-8	lbs/hr	CE7%O2
5F 12378	325A1R3	1.49e+0	ng/dscm	7%O2	6.71e-8	lbs/hr	CE7%O2
5F 12378	325A2R1	1.41e+0	ng/dscm	7%O2	6.19e-8	lbs/hr	CE7%O2
5F 12378	325A2R2	1.45e+0	ng/dscm	7%O2	5.41e-8	lbs/hr	CE7%O2
5F 12378	325A2R3	1.55e+0	ng/dscm	7%O2	7.05e-8	lbs/hr	CE7%O2
5F 12378	325C8R2	1.69e+0	ng/dscm	7%O2	7.66e-8	lbs/hr	CE7%O2
5F 12378	325C8R3	1.47e+0	ng/dscm	7%O2	6.66e-8	lbs/hr	CE7%O2
5F 12378	325C9R1	1.49e+0	ng/dscm	7%O2	7.32e-8	lbs/hr	CE7%O2
5F 12378	325C9R2	1.31e+0	ng/dscm	7%O2	5.63e-8	lbs/hr	CE7%O2
5F 12378	325C9R3	1.61e+0	ng/dscm	7%O2	7.12e-8	lbs/hr	CE7%O2
5F 23478	325A1R1	2.85e+0	ng/dscm	7%O2	9.37e-8	lbs/hr	CE7%O2
5F 23478	325A1R2	2.53e+0	ng/dscm	7%O2	1.17e-7	lbs/hr	CE7%O2
5F 23478	325A1R3	2.42e+0	ng/dscm	7%O2	1.09e-7	lbs/hr	CE7%O2
5F 23478	325A2R1	2.25e+0	ng/dscm	7%O2	9.86e-8	lbs/hr	CE7%O2
5F 23478	325A2R2	2.27e+0	ng/dscm	7%O2	8.47e-8	lbs/hr	CE7%O2
5F 23478	325A2R3	2.01e+0	ng/dscm	7%O2	9.16e-8	lbs/hr	CE7%O2
5F 23478	325C8R2	2.45e+0	ng/dscm	7%O2	1.11e-7	lbs/hr	CE7%O2
5F 23478	325C8R3	2.63e+0	ng/dscm	7%O2	1.19e-7	lbs/hr	CE7%O2
5F 23478	325C9R1	2.46e+0	ng/dscm	7%O2	1.21e-7	lbs/hr	CE7%O2
5F 23478	325C9R2	1.74e+0	ng/dscm	7%O2	7.51e-8	lbs/hr	CE7%O2
5F 23478	325C9R3	2.69e+0	ng/dscm	7%O2	1.19e-7	lbs/hr	CE7%O2
5F Other	325A1R1	3.67e+1	ng/dscm	7%O2	1.21e-6	lbs/hr	CE7%O2
5F Other	325A1R2	3.75e+1	ng/dscm	7%O2	1.73e-6	lbs/hr	CE7%O2
5F Other	325A1R3	3.68e+1	ng/dscm	7%O2	1.65e-6	lbs/hr	CE7%O2
5F Other	325A2R1	3.19e+1	ng/dscm	7%O2	1.40e-6	lbs/hr	CE7%O2
5F Other	325A2R2	3.34e+1	ng/dscm	7%O2	1.25e-6	lbs/hr	CE7%O2
5F Other	325A2R3	3.00e+1	ng/dscm	7%O2	1.37e-6	lbs/hr	CE7%O2
5F Other	325C8R2	3.78e+1	ng/dscm	7%O2	1.72e-6	lbs/hr	CE7%O2
5F Other	325C8R3	3.58e+1	ng/dscm	7%O2	1.63e-6	lbs/hr	CE7%O2
5F Other	325C9R1	3.92e+1	ng/dscm	7%O2	1.93e-6	lbs/hr	CE7%O2
5F Other	325C9R2	3.12e+1	ng/dscm	7%O2	1.35e-6	lbs/hr	CE7%O2
5F Other	325C9R3	3.87e+1	ng/dscm	7%O2	1.71e-6	lbs/hr	CE7%O2
5F Total	325A1R1	4.14e+1	ng/dscm	7%O2	1.36e-6	lbs/hr	CCE
5F Total	325A1R2	4.17e+1	ng/dscm	7%O2	1.92e-6	lbs/hr	CCE
5F Total	325A1R3	4.07e+1	ng/dscm	7%O2	1.83e-6	lbs/hr	CCE
5F Total	325A2R1	3.56e+1	ng/dscm	7%O2	1.56e-6	lbs/hr	CCE
5F Total	325A2R2	3.71e+1	ng/dscm	7%O2	1.39e-6	lbs/hr	CCE
5F Total	325A2R3	3.36e+1	ng/dscm	7%O2	1.53e-6	lbs/hr	CCE
5F Total	325C4R1	3.27e+1	ng/dscm	7%O2	1.69e-6	lbs/hr	CE7%O2
5F Total	325C4R2	1.83e+1	ng/dscm	7%O2	9.25e-7	lbs/hr	CE7%O2
5F Total	325C4R3	2.83e+1	ng/dscm	7%O2	1.35e-6	lbs/hr	CE7%O2
5F Total	325C5R1	4.88e+1	ng/dscm	7%O2	2.33e-6	lbs/hr	CE7%O2
5F Total	325C5R2	4.70e+1	ng/dscm	7%O2	2.22e-6	lbs/hr	CE7%O2
5F Total	325C5R3	2.57e+1	ng/dscm	7%O2	1.15e-6	lbs/hr	CE7%O2
5F Total	325C6R1	1.20e+1	ng/dscm	7%O2	6.01e-7	lbs/hr	CE7%O2
5F Total	325C6R2	6.07e+1	ng/dscm	7%O2	3.22e-6	lbs/hr	CE7%O2
5F Total	325C6R3	3.82e+1	ng/dscm	7%O2	1.64e-6	lbs/hr	CE7%O2
5F Total	325C7R1	2.48e+1	ng/dscm	7%O2	1.39e-6	lbs/hr	CE7%O2
5F Total	325C7R2	3.85e+1	ng/dscm	7%O2	1.89e-6	lbs/hr	CE7%O2
5F Total	325C7R3	2.88e+1	ng/dscm	7%O2	1.49e-6	lbs/hr	CE7%O2
5F Total	325C8R2	4.19e+1	ng/dscm	7%O2	1.90e-6	lbs/hr	CCE
5F Total	325C8R3	3.99e+1	ng/dscm	7%O2	1.81e-6	lbs/hr	CCE
5F Total	325C9R1	4.32e+1	ng/dscm	7%O2	2.13e-6	lbs/hr	CCE
5F Total	325C9R2	3.43e+1	ng/dscm	7%O2	1.48e-6	lbs/hr	CCE
5F Total	325C9R3	4.30e+1	ng/dscm	7%O2	1.90e-6	lbs/hr	CCE
6D 123478	325A1R1	5.99e-2	ng/dscm	7%O2	1.97e-9	lbs/hr	CE7%O2
6D 123478	325A1R2	4.38e-2	ng/dscm	7%O2	2.02e-9	lbs/hr	CE7%O2
6D 123478	325A1R3	4.79e-2	ng/dscm	7%O2	2.15e-9	lbs/hr	CE7%O2
6D 123478	325A2R1	4.82e-2	ng/dscm	7%O2	2.11e-9	lbs/hr	CE7%O2
6D 123478	325A2R2	4.22e-2	ng/dscm	7%O2	1.58e-9	lbs/hr	CE7%O2
6D 123478	325A2R3	2.74e-2	ng/dscm	7%O2	1.25e-9	lbs/hr	CE7%O2
6D 123478	325C8R2	1.33e-1	ng/dscm	7%O2	6.04e-9	lbs/hr	CE7%O2

1. COMPANY: APTUS
2. STATE: KS
3. CITY: COFFEYVILLE EPA ID: KSD981506025 REGION: 7
4. EP ID: 325 DEVICE NAME: SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: SD/FF/WS/IWS

6D	123478	325C8R3		3.64e-2	ng/dscm	7%O2	1.65e-9	lbs/hr	CE7%O2
6D	123478	325C9R1		1.72e-1	ng/dscm	7%O2	8.46e-9	lbs/hr	CE7%O2
6D	123478	325C9R2		2.23e-1	ng/dscm	7%O2	9.62e-9	lbs/hr	CE7%O2
6D	123478	325C9R3		4.57e-2	ng/dscm	7%O2	2.02e-9	lbs/hr	CE7%O2
6D	123678	325A1R1		4.14e-2	ng/dscm	7%O2	1.36e-9	lbs/hr	CE7%O2
6D	123678	325A1R2		3.38e-2	ng/dscm	7%O2	1.56e-9	lbs/hr	CE7%O2
6D	123678	325A1R3		3.61e-2	ng/dscm	7%O2	1.62e-9	lbs/hr	CE7%O2
6D	123678	325A2R1		4.50e-2	ng/dscm	7%O2	1.97e-9	lbs/hr	CE7%O2
6D	123678	325A2R2		4.72e-2	ng/dscm	7%O2	1.76e-9	lbs/hr	CE7%O2
6D	123678	325A2R3		2.79e-2	ng/dscm	7%O2	1.27e-9	lbs/hr	CE7%O2
6D	123678	325C8R2		9.71e-2	ng/dscm	7%O2	4.41e-9	lbs/hr	CE7%O2
6D	123678	325C8R3		4.40e-2	ng/dscm	7%O2	2.00e-9	lbs/hr	CE7%O2
6D	123678	325C9R1		1.02e-1	ng/dscm	7%O2	5.03e-9	lbs/hr	CE7%O2
6D	123678	325C9R2		1.36e-1	ng/dscm	7%O2	5.87e-9	lbs/hr	CE7%O2
6D	123678	325C9R3		4.89e-2	ng/dscm	7%O2	2.16e-9	lbs/hr	CE7%O2
6D	123789	325A1R1		7.14e-2	ng/dscm	7%O2	2.34e-9	lbs/hr	CE7%O2
6D	123789	325A1R2		6.33e-2	ng/dscm	7%O2	2.92e-9	lbs/hr	CE7%O2
6D	123789	325A1R3		7.73e-2	ng/dscm	7%O2	3.47e-9	lbs/hr	CE7%O2
6D	123789	325A2R1		7.33e-2	ng/dscm	7%O2	3.21e-9	lbs/hr	CE7%O2
6D	123789	325A2R2		6.93e-2	ng/dscm	7%O2	2.59e-9	lbs/hr	CE7%O2
6D	123789	325A2R3		3.98e-2	ng/dscm	7%O2	1.81e-9	lbs/hr	CE7%O2
6D	123789	325C8R2		1.07e-1	ng/dscm	7%O2	4.88e-9	lbs/hr	CE7%O2
6D	123789	325C8R3		6.57e-2	ng/dscm	7%O2	2.99e-9	lbs/hr	CE7%O2
6D	123789	325C9R1		1.44e-1	ng/dscm	7%O2	7.09e-9	lbs/hr	CE7%O2
6D	123789	325C9R2		1.85e-1	ng/dscm	7%O2	7.98e-9	lbs/hr	CE7%O2
6D	123789	325C9R3		6.45e-2	ng/dscm	7%O2	2.85e-9	lbs/hr	CE7%O2
6D	Other	325A1R1		6.12e-1	ng/dscm	7%O2	2.01e-8	lbs/hr	CE7%O2
6D	Other	325A1R2		5.45e-1	ng/dscm	7%O2	2.51e-8	lbs/hr	CE7%O2
6D	Other	325A1R3		6.63e-1	ng/dscm	7%O2	2.98e-8	lbs/hr	CE7%O2
6D	Other	325A2R1		6.19e-1	ng/dscm	7%O2	2.71e-8	lbs/hr	CE7%O2
6D	Other	325A2R2		6.60e-1	ng/dscm	7%O2	2.47e-8	lbs/hr	CE7%O2
6D	Other	325A2R3		3.18e-1	ng/dscm	7%O2	1.45e-8	lbs/hr	CE7%O2
6D	Other	325C8R2		6.08e-1	ng/dscm	7%O2	2.76e-8	lbs/hr	CE7%O2
6D	Other	325C8R3		6.12e-1	ng/dscm	7%O2	2.78e-8	lbs/hr	CE7%O2
6D	Other	325C9R1		5.57e-1	ng/dscm	7%O2	2.74e-8	lbs/hr	CE7%O2
6D	Other	325C9R2		4.46e-1	ng/dscm	7%O2	1.92e-8	lbs/hr	CE7%O2
6D	Other	325C9R3		7.55e-1	ng/dscm	7%O2	3.33e-8	lbs/hr	CE7%O2
6D	Total	325A1R1		7.85e-1	ng/dscm	7%O2	2.58e-8	lbs/hr	CCE
6D	Total	325A1R2		6.86e-1	ng/dscm	7%O2	3.16e-8	lbs/hr	CCE
6D	Total	325A1R3		8.24e-1	ng/dscm	7%O2	3.70e-8	lbs/hr	CCE
6D	Total	325A2R1		7.86e-1	ng/dscm	7%O2	3.44e-8	lbs/hr	CCE
6D	Total	325A2R2		8.19e-1	ng/dscm	7%O2	3.06e-8	lbs/hr	CCE
6D	Total	325A2R3		4.13e-1	ng/dscm	7%O2	1.88e-8	lbs/hr	CCE
6D	Total	325C4R1		4.62e-1	ng/dscm	7%O2	2.38e-8	lbs/hr	CE7%O2
6D	Total	325C4R2	ND	7.71e-1	ng/dscm	7%O2	3.90e-8	lbs/hr	CE7%O2
6D	Total	325C4R3		8.85e-1	ng/dscm	7%O2	4.23e-8	lbs/hr	CE7%O2
6D	Total	325C5R1		1.55e+0	ng/dscm	7%O2	7.41e-8	lbs/hr	CE7%O2
6D	Total	325C5R2		1.24e+0	ng/dscm	7%O2	5.88e-8	lbs/hr	CE7%O2
6D	Total	325C5R3	ND	3.24e-1	ng/dscm	7%O2	1.46e-8	lbs/hr	CE7%O2
6D	Total	325C6R1	ND	4.62e-1	ng/dscm	7%O2	2.31e-8	lbs/hr	CE7%O2
6D	Total	325C6R2	ND	1.07e+0	ng/dscm	7%O2	5.68e-8	lbs/hr	CE7%O2
6D	Total	325C6R3		8.17e-1	ng/dscm	7%O2	3.51e-8	lbs/hr	CE7%O2
6D	Total	325C7R1	ND	1.09e+0	ng/dscm	7%O2	6.16e-8	lbs/hr	CE7%O2
6D	Total	325C7R2	ND	1.88e+0	ng/dscm	7%O2	9.22e-8	lbs/hr	CE7%O2
6D	Total	325C7R3	ND	1.38e+0	ng/dscm	7%O2	7.16e-8	lbs/hr	CE7%O2
6D	Total	325C8R2		9.45e-1	ng/dscm	7%O2	4.30e-8	lbs/hr	CCE
6D	Total	325C8R3		7.58e-1	ng/dscm	7%O2	3.45e-8	lbs/hr	CCE
6D	Total	325C9R1		9.75e-1	ng/dscm	7%O2	4.80e-8	lbs/hr	CCE
6D	Total	325C9R2		9.90e-1	ng/dscm	7%O2	4.27e-8	lbs/hr	CCE
6D	Total	325C9R3		9.14e-1	ng/dscm	7%O2	4.03e-8	lbs/hr	CCE
6F	123478	325A1R1		4.35e+0	ng/dscm	7%O2	1.43e-7	lbs/hr	CE7%O2
6F	123478	325A1R2		4.33e+0	ng/dscm	7%O2	1.99e-7	lbs/hr	CE7%O2
6F	123478	325A1R3		4.89e+0	ng/dscm	7%O2	2.20e-7	lbs/hr	CE7%O2

1. COMPANY: APTUS
2. STATE: KS
3. CITY: COFFEYVILLE EPA ID: KSD981506025 REGION: 7
4. EP ID: 325 DEVICE NAME: SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: SD/FF/WS/IWS

6F 123478	325A2R1	4.40e+0	ng/dscm	7%O2	1.93e-7	lbs/hr	CE7%O2
6F 123478	325A2R2	3.59e+0	ng/dscm	7%O2	1.34e-7	lbs/hr	CE7%O2
6F 123478	325A2R3	2.79e+0	ng/dscm	7%O2	1.27e-7	lbs/hr	CE7%O2
6F 123478	325C8R2	3.68e+0	ng/dscm	7%O2	1.67e-7	lbs/hr	CE7%O2
6F 123478	325C8R3	2.93e+0	ng/dscm	7%O2	1.33e-7	lbs/hr	CE7%O2
6F 123478	325C9R1	2.79e+0	ng/dscm	7%O2	1.37e-7	lbs/hr	CE7%O2
6F 123478	325C9R2	2.23e+0	ng/dscm	7%O2	9.62e-8	lbs/hr	CE7%O2
6F 123478	325C9R3	3.76e+0	ng/dscm	7%O2	1.66e-7	lbs/hr	CE7%O2
6F 123678	325A1R1	1.14e+0	ng/dscm	7%O2	3.75e-8	lbs/hr	CE7%O2
6F 123678	325A1R2	1.06e+0	ng/dscm	7%O2	4.86e-8	lbs/hr	CE7%O2
6F 123678	325A1R3	1.03e+0	ng/dscm	7%O2	4.63e-8	lbs/hr	CE7%O2
6F 123678	325A2R1	1.15e+0	ng/dscm	7%O2	5.05e-8	lbs/hr	CE7%O2
6F 123678	325A2R2	9.44e-1	ng/dscm	7%O2	3.53e-8	lbs/hr	CE7%O2
6F 123678	325A2R3	7.23e-1	ng/dscm	7%O2	3.29e-8	lbs/hr	CE7%O2
6F 123678	325C8R2	1.12e+0	ng/dscm	7%O2	5.11e-8	lbs/hr	CE7%O2
6F 123678	325C8R3	9.10e-1	ng/dscm	7%O2	4.13e-8	lbs/hr	CE7%O2
6F 123678	325C9R1	8.82e-1	ng/dscm	7%O2	4.35e-8	lbs/hr	CE7%O2
6F 123678	325C9R2	7.62e-1	ng/dscm	7%O2	3.28e-8	lbs/hr	CE7%O2
6F 123678	325C9R3	1.18e+0	ng/dscm	7%O2	5.22e-8	lbs/hr	CE7%O2
6F 123789	325A1R1	1.07e-1	ng/dscm	7%O2	3.51e-9	lbs/hr	CE7%O2
6F 123789	325A1R2	1.00e-1	ng/dscm	7%O2	4.62e-9	lbs/hr	CE7%O2
6F 123789	325A1R3	8.76e-2	ng/dscm	7%O2	3.93e-9	lbs/hr	CE7%O2
6F 123789	325A2R1	1.05e-1	ng/dscm	7%O2	4.59e-9	lbs/hr	CE7%O2
6F 123789	325A2R2	7.56e-2	ng/dscm	7%O2	2.82e-9	lbs/hr	CE7%O2
6F 123789	325A2R3	6.71e-2	ng/dscm	7%O2	3.05e-9	lbs/hr	CE7%O2
6F 123789	325C8R2	1.12e-1	ng/dscm	7%O2	5.11e-9	lbs/hr	CE7%O2
6F 123789	325C8R3	8.59e-2	ng/dscm	7%O2	3.90e-9	lbs/hr	CE7%O2
6F 123789	325C9R1	1.16e-1	ng/dscm	7%O2	5.72e-9	lbs/hr	CE7%O2
6F 123789	325C9R2	1.58e-1	ng/dscm	7%O2	6.80e-9	lbs/hr	CE7%O2
6F 123789	325C9R3	8.60e-2	ng/dscm	7%O2	3.80e-9	lbs/hr	CE7%O2
6F 234678	325A1R1	1.14e+0	ng/dscm	7%O2	3.75e-8	lbs/hr	CE7%O2
6F 234678	325A1R2	1.06e+0	ng/dscm	7%O2	4.86e-8	lbs/hr	CE7%O2
6F 234678	325A1R3	1.03e+0	ng/dscm	7%O2	4.63e-8	lbs/hr	CE7%O2
6F 234678	325A2R1	1.31e+0	ng/dscm	7%O2	5.73e-8	lbs/hr	CE7%O2
6F 234678	325A2R2	1.07e+0	ng/dscm	7%O2	4.00e-8	lbs/hr	CE7%O2
6F 234678	325A2R3	7.75e-1	ng/dscm	7%O2	3.52e-8	lbs/hr	CE7%O2
6F 234678	325C8R2	1.12e+0	ng/dscm	7%O2	5.11e-8	lbs/hr	CE7%O2
6F 234678	325C8R3	9.10e-1	ng/dscm	7%O2	4.13e-8	lbs/hr	CE7%O2
6F 234678	325C9R1	9.29e-1	ng/dscm	7%O2	4.57e-8	lbs/hr	CE7%O2
6F 234678	325C9R2	7.62e-1	ng/dscm	7%O2	3.28e-8	lbs/hr	CE7%O2
6F 234678	325C9R3	1.13e+0	ng/dscm	7%O2	4.98e-8	lbs/hr	CE7%O2
6F Other	325A1R1	6.10e+0	ng/dscm	7%O2	2.00e-7	lbs/hr	CE7%O2
6F Other	325A1R2	8.24e+0	ng/dscm	7%O2	3.79e-7	lbs/hr	CE7%O2
6F Other	325A1R3	7.38e+0	ng/dscm	7%O2	3.32e-7	lbs/hr	CE7%O2
6F Other	325A2R1	9.27e+0	ng/dscm	7%O2	4.06e-7	lbs/hr	CE7%O2
6F Other	325A2R2	6.91e+0	ng/dscm	7%O2	2.58e-7	lbs/hr	CE7%O2
6F Other	325A2R3	5.97e+0	ng/dscm	7%O2	2.72e-7	lbs/hr	CE7%O2
6F Other	325C8R2	8.27e+0	ng/dscm	7%O2	3.76e-7	lbs/hr	CE7%O2
6F Other	325C8R3	7.29e+0	ng/dscm	7%O2	3.31e-7	lbs/hr	CE7%O2
6F Other	325C9R1	7.48e+0	ng/dscm	7%O2	3.68e-7	lbs/hr	CE7%O2
6F Other	325C9R2	6.04e+0	ng/dscm	7%O2	2.60e-7	lbs/hr	CE7%O2
6F Other	325C9R3	8.89e+0	ng/dscm	7%O2	3.92e-7	lbs/hr	CE7%O2
6F Total	325A1R1	1.28e+1	ng/dscm	7%O2	4.22e-7	lbs/hr	CCE
6F Total	325A1R2	1.48e+1	ng/dscm	7%O2	6.81e-7	lbs/hr	CCE
6F Total	325A1R3	1.44e+1	ng/dscm	7%O2	6.48e-7	lbs/hr	CCE
6F Total	325A2R1	1.62e+1	ng/dscm	7%O2	7.11e-7	lbs/hr	CCE
6F Total	325A2R2	1.26e+1	ng/dscm	7%O2	4.71e-7	lbs/hr	CCE
6F Total	325A2R3	1.03e+1	ng/dscm	7%O2	4.70e-7	lbs/hr	CCE
6F Total	325C4R1	8.20e+0	ng/dscm	7%O2	4.22e-7	lbs/hr	CE7%O2
6F Total	325C4R2	1.09e+1	ng/dscm	7%O2	5.49e-7	lbs/hr	CE7%O2
6F Total	325C4R3	9.12e+0	ng/dscm	7%O2	4.37e-7	lbs/hr	CE7%O2
6F Total	325C5R1	2.04e+1	ng/dscm	7%O2	9.77e-7	lbs/hr	CE7%O2
6F Total	325C5R2	1.75e+1	ng/dscm	7%O2	8.27e-7	lbs/hr	CE7%O2

1. COMPANY: APTUS
2. STATE: KS
3. CITY: COFFEYVILLE EPA ID: KSD981506025 REGION: 7
4. EP ID: 325 DEVICE NAME: SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: SD/FF/WS/IWS

6F	Total	325C5R3		8.84e-2	ng/dscm	7%O2	3.97e-9	lbs/hr	CE7%O2
6F	Total	325C6R1		2.19e+0	ng/dscm	7%O2	1.09e-7	lbs/hr	CE7%O2
6F	Total	325C6R2		2.20e+1	ng/dscm	7%O2	1.16e-6	lbs/hr	CE7%O2
6F	Total	325C6R3		1.27e+1	ng/dscm	7%O2	5.48e-7	lbs/hr	CE7%O2
6F	Total	325C7R1		7.43e+0	ng/dscm	7%O2	4.18e-7	lbs/hr	CE7%O2
6F	Total	325C7R2		1.43e+1	ng/dscm	7%O2	7.02e-7	lbs/hr	CE7%O2
6F	Total	325C7R3		1.13e+1	ng/dscm	7%O2	5.85e-7	lbs/hr	CE7%O2
6F	Total	325C8R2		1.43e+1	ng/dscm	7%O2	6.50e-7	lbs/hr	CCE
6F	Total	325C8R3		1.21e+1	ng/dscm	7%O2	5.51e-7	lbs/hr	CCE
6F	Total	325C9R1		1.22e+1	ng/dscm	7%O2	6.00e-7	lbs/hr	CCE
6F	Total	325C9R2		9.95e+0	ng/dscm	7%O2	4.29e-7	lbs/hr	CCE
6F	Total	325C9R3		1.51e+1	ng/dscm	7%O2	6.64e-7	lbs/hr	CCE
7D	1234678	325A1R1		2.35e-1	ng/dscm	7%O2	7.73e-9	lbs/hr	CE7%O2
7D	1234678	325A1R2		1.95e-1	ng/dscm	7%O2	8.99e-9	lbs/hr	CE7%O2
7D	1234678	325A1R3		1.85e-1	ng/dscm	7%O2	8.33e-9	lbs/hr	CE7%O2
7D	1234678	325A2R1		2.15e-1	ng/dscm	7%O2	9.40e-9	lbs/hr	CE7%O2
7D	1234678	325A2R2		2.39e-1	ng/dscm	7%O2	8.94e-9	lbs/hr	CE7%O2
7D	1234678	325A2R3		1.29e-1	ng/dscm	7%O2	5.87e-9	lbs/hr	CE7%O2
7D	1234678	325C8R2		3.42e-1	ng/dscm	7%O2	1.56e-8	lbs/hr	CE7%O2
7D	1234678	325C8R3		1.92e-1	ng/dscm	7%O2	8.73e-9	lbs/hr	CE7%O2
7D	1234678	325C9R1		3.07e-1	ng/dscm	7%O2	1.51e-8	lbs/hr	CE7%O2
7D	1234678	325C9R2		2.99e-1	ng/dscm	7%O2	1.29e-8	lbs/hr	CE7%O2
7D	1234678	325C9R3		3.01e-1	ng/dscm	7%O2	1.33e-8	lbs/hr	CE7%O2
7D	Other	325A1R1		2.57e-1	ng/dscm	7%O2	8.43e-9	lbs/hr	CE7%O2
7D	Other	325A1R2		2.37e-1	ng/dscm	7%O2	1.09e-8	lbs/hr	CE7%O2
7D	Other	325A1R3		2.27e-1	ng/dscm	7%O2	1.02e-8	lbs/hr	CE7%O2
7D	Other	325A2R1		2.25e-1	ng/dscm	7%O2	9.86e-9	lbs/hr	CE7%O2
7D	Other	325A2R2		2.64e-1	ng/dscm	7%O2	9.88e-9	lbs/hr	CE7%O2
7D	Other	325A2R3		1.50e-1	ng/dscm	7%O2	6.81e-9	lbs/hr	CE7%O2
7D	Other	325C8R2		3.73e-1	ng/dscm	7%O2	1.70e-8	lbs/hr	CE7%O2
7D	Other	325C8R3		2.27e-1	ng/dscm	7%O2	1.03e-8	lbs/hr	CE7%O2
7D	Other	325C9R1		3.44e-1	ng/dscm	7%O2	1.69e-8	lbs/hr	CE7%O2
7D	Other	325C9R2		2.99e-1	ng/dscm	7%O2	1.29e-8	lbs/hr	CE7%O2
7D	Other	325C9R3		3.44e-1	ng/dscm	7%O2	1.52e-8	lbs/hr	CE7%O2
7D	Total	325A1R1		4.92e-1	ng/dscm	7%O2	1.62e-8	lbs/hr	CCE
7D	Total	325A1R2		4.33e-1	ng/dscm	7%O2	1.99e-8	lbs/hr	CCE
7D	Total	325A1R3		4.12e-1	ng/dscm	7%O2	1.85e-8	lbs/hr	CCE
7D	Total	325A2R1		4.40e-1	ng/dscm	7%O2	1.93e-8	lbs/hr	CCE
7D	Total	325A2R2		5.04e-1	ng/dscm	7%O2	1.88e-8	lbs/hr	CCE
7D	Total	325A2R3		2.79e-1	ng/dscm	7%O2	1.27e-8	lbs/hr	CCE
7D	Total	325C4R1	ND	1.23e+0	ng/dscm	7%O2	6.32e-8	lbs/hr	CE7%O2
7D	Total	325C4R2		5.43e-1	ng/dscm	7%O2	2.74e-8	lbs/hr	CE7%O2
7D	Total	325C4R3	ND	1.50e+0	ng/dscm	7%O2	7.16e-8	lbs/hr	CE7%O2
7D	Total	325C5R1	ND	8.40e-1	ng/dscm	7%O2	4.02e-8	lbs/hr	CE7%O2
7D	Total	325C5R2	ND	1.15e+0	ng/dscm	7%O2	5.43e-8	lbs/hr	CE7%O2
7D	Total	325C5R3	ND	8.11e-1	ng/dscm	7%O2	3.64e-8	lbs/hr	CE7%O2
7D	Total	325C6R1	ND	7.45e-1	ng/dscm	7%O2	3.72e-8	lbs/hr	CE7%O2
7D	Total	325C6R2		1.59e+0	ng/dscm	7%O2	8.44e-8	lbs/hr	CE7%O2
7D	Total	325C6R3	ND	1.02e+0	ng/dscm	7%O2	4.37e-8	lbs/hr	CE7%O2
7D	Total	325C7R1	ND	1.16e+0	ng/dscm	7%O2	6.53e-8	lbs/hr	CE7%O2
7D	Total	325C7R2	ND	2.43e+0	ng/dscm	7%O2	1.19e-7	lbs/hr	CE7%O2
7D	Total	325C7R3	ND	1.22e+0	ng/dscm	7%O2	6.28e-8	lbs/hr	CE7%O2
7D	Total	325C8R2		7.15e-1	ng/dscm	7%O2	3.25e-8	lbs/hr	CCE
7D	Total	325C8R3		4.19e-1	ng/dscm	7%O2	1.91e-8	lbs/hr	CCE
7D	Total	325C9R1		6.50e-1	ng/dscm	7%O2	3.20e-8	lbs/hr	CCE
7D	Total	325C9R2		5.98e-1	ng/dscm	7%O2	2.58e-8	lbs/hr	CCE
7D	Total	325C9R3		6.45e-1	ng/dscm	7%O2	2.85e-8	lbs/hr	CCE
7F	1234678	325A1R1		2.14e+0	ng/dscm	7%O2	7.03e-8	lbs/hr	CE7%O2
7F	1234678	325A1R2		1.95e+0	ng/dscm	7%O2	8.99e-8	lbs/hr	CE7%O2
7F	1234678	325A1R3		1.65e+0	ng/dscm	7%O2	7.40e-8	lbs/hr	CE7%O2
7F	1234678	325A2R1		2.41e+0	ng/dscm	7%O2	1.05e-7	lbs/hr	CE7%O2
7F	1234678	325A2R2		1.89e+0	ng/dscm	7%O2	7.06e-8	lbs/hr	CE7%O2
7F	1234678	325A2R3		1.29e+0	ng/dscm	7%O2	5.87e-8	lbs/hr	CE7%O2

1. COMPANY: APTUS
2. STATE: KS
3. CITY: COFFEYVILLE EPA ID: KSD981506025 REGION: 7
4. EP ID: 325 DEVICE NAME: SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: SD/FF/WS/IWS

7F 1234678	325C8R2		2.71e+0	ng/dscm	7%O2	1.23e-7	lbs/hr	CE7%O2
7F 1234678	325C8R3		1.62e+0	ng/dscm	7%O2	7.35e-8	lbs/hr	CE7%O2
7F 1234678	325C9R1		2.88e+0	ng/dscm	7%O2	1.42e-7	lbs/hr	CE7%O2
7F 1234678	325C9R2		2.88e+0	ng/dscm	7%O2	1.24e-7	lbs/hr	CE7%O2
7F 1234678	325C9R3		2.69e+0	ng/dscm	7%O2	1.19e-7	lbs/hr	CE7%O2
7F 1234789	325A1R1		3.64e-1	ng/dscm	7%O2	1.19e-8	lbs/hr	CE7%O2
7F 1234789	325A1R2		4.43e-1	ng/dscm	7%O2	2.04e-8	lbs/hr	CE7%O2
7F 1234789	325A1R3		5.67e-1	ng/dscm	7%O2	2.55e-8	lbs/hr	CE7%O2
7F 1234789	325A2R1		5.76e-1	ng/dscm	7%O2	2.52e-8	lbs/hr	CE7%O2
7F 1234789	325A2R2		4.47e-1	ng/dscm	7%O2	1.67e-8	lbs/hr	CE7%O2
7F 1234789	325A2R3		2.89e-1	ng/dscm	7%O2	1.32e-8	lbs/hr	CE7%O2
7F 1234789	325C8R2		6.64e-1	ng/dscm	7%O2	3.02e-8	lbs/hr	CE7%O2
7F 1234789	325C8R3		3.59e-1	ng/dscm	7%O2	1.63e-8	lbs/hr	CE7%O2
7F 1234789	325C9R1		7.43e-1	ng/dscm	7%O2	3.66e-8	lbs/hr	CE7%O2
7F 1234789	325C9R2		6.53e-1	ng/dscm	7%O2	2.82e-8	lbs/hr	CE7%O2
7F 1234789	325C9R3		4.68e-1	ng/dscm	7%O2	2.06e-8	lbs/hr	CE7%O2
7F Other	325A1R1		1.63e+0	ng/dscm	7%O2	5.36e-8	lbs/hr	CE7%O2
7F Other	325A1R2		1.83e+0	ng/dscm	7%O2	8.41e-8	lbs/hr	CE7%O2
7F Other	325A1R3		1.80e+0	ng/dscm	7%O2	8.10e-8	lbs/hr	CE7%O2
7F Other	325A2R1		2.20e+0	ng/dscm	7%O2	9.63e-8	lbs/hr	CE7%O2
7F Other	325A2R2		1.69e+0	ng/dscm	7%O2	6.33e-8	lbs/hr	CE7%O2
7F Other	325A2R3		1.26e+0	ng/dscm	7%O2	5.73e-8	lbs/hr	CE7%O2
7F Other	325C8R2		2.25e+0	ng/dscm	7%O2	1.02e-7	lbs/hr	CE7%O2
7F Other	325C8R3		1.51e+0	ng/dscm	7%O2	6.87e-8	lbs/hr	CE7%O2
7F Other	325C9R1		2.88e+0	ng/dscm	7%O2	1.42e-7	lbs/hr	CE7%O2
7F Other	325C9R2		2.99e+0	ng/dscm	7%O2	1.29e-7	lbs/hr	CE7%O2
7F Other	325C9R3		2.01e+0	ng/dscm	7%O2	8.85e-8	lbs/hr	CE7%O2
7F Total	325A1R1		4.14e+0	ng/dscm	7%O2	1.36e-7	lbs/hr	CCE
7F Total	325A1R2		4.22e+0	ng/dscm	7%O2	1.94e-7	lbs/hr	CCE
7F Total	325A1R3		4.02e+0	ng/dscm	7%O2	1.80e-7	lbs/hr	CCE
7F Total	325A2R1		5.18e+0	ng/dscm	7%O2	2.27e-7	lbs/hr	CCE
7F Total	325A2R2		4.03e+0	ng/dscm	7%O2	1.51e-7	lbs/hr	CCE
7F Total	325A2R3		2.84e+0	ng/dscm	7%O2	1.29e-7	lbs/hr	CCE
7F Total	325C4R1		2.61e+0	ng/dscm	7%O2	1.35e-7	lbs/hr	CE7%O2
7F Total	325C4R2		4.39e+0	ng/dscm	7%O2	2.22e-7	lbs/hr	CE7%O2
7F Total	325C4R3		3.35e+0	ng/dscm	7%O2	1.60e-7	lbs/hr	CE7%O2
7F Total	325C5R1		6.01e+0	ng/dscm	7%O2	2.88e-7	lbs/hr	CE7%O2
7F Total	325C5R2		5.27e+0	ng/dscm	7%O2	2.49e-7	lbs/hr	CE7%O2
7F Total	325C5R3		2.67e+0	ng/dscm	7%O2	1.20e-7	lbs/hr	CE7%O2
7F Total	325C6R1	ND	4.91e-1	ng/dscm	7%O2	2.46e-8	lbs/hr	CE7%O2
7F Total	325C6R2		1.00e+1	ng/dscm	7%O2	5.32e-7	lbs/hr	CE7%O2
7F Total	325C6R3		4.47e+0	ng/dscm	7%O2	1.92e-7	lbs/hr	CE7%O2
7F Total	325C7R1		3.25e+0	ng/dscm	7%O2	1.83e-7	lbs/hr	CE7%O2
7F Total	325C7R2		6.28e+0	ng/dscm	7%O2	3.07e-7	lbs/hr	CE7%O2
7F Total	325C7R3		3.72e+0	ng/dscm	7%O2	1.92e-7	lbs/hr	CE7%O2
7F Total	325C8R2		5.62e+0	ng/dscm	7%O2	2.55e-7	lbs/hr	CCE
7F Total	325C8R3		3.49e+0	ng/dscm	7%O2	1.58e-7	lbs/hr	CCE
7F Total	325C9R1		6.50e+0	ng/dscm	7%O2	3.20e-7	lbs/hr	CCE
7F Total	325C9R2		6.53e+0	ng/dscm	7%O2	2.82e-7	lbs/hr	CCE
7F Total	325C9R3		5.16e+0	ng/dscm	7%O2	2.28e-7	lbs/hr	CCE
8D	325A1R1		4.57e-1	ng/dscm	7%O2	1.50e-8	lbs/hr	CE7%O2
8D	325A1R2		2.96e-1	ng/dscm	7%O2	1.36e-8	lbs/hr	CE7%O2
8D	325A1R3		3.40e-1	ng/dscm	7%O2	1.53e-8	lbs/hr	CE7%O2
8D	325A2R1		4.29e-1	ng/dscm	7%O2	1.88e-8	lbs/hr	CE7%O2
8D	325A2R2		6.30e-1	ng/dscm	7%O2	2.35e-8	lbs/hr	CE7%O2
8D	325A2R3		1.76e-1	ng/dscm	7%O2	7.99e-9	lbs/hr	CE7%O2
8D	325C4R1	ND	1.28e+0	ng/dscm	7%O2	6.62e-8	lbs/hr	CE7%O2
8D	325C4R2	ND	1.83e+0	ng/dscm	7%O2	9.25e-8	lbs/hr	CE7%O2
8D	325C4R3	ND	1.34e+0	ng/dscm	7%O2	6.39e-8	lbs/hr	CE7%O2
8D	325C5R1	ND	1.00e+0	ng/dscm	7%O2	4.80e-8	lbs/hr	CE7%O2
8D	325C5R2		1.56e+0	ng/dscm	7%O2	7.37e-8	lbs/hr	CE7%O2
8D	325C5R3	ND	1.86e+0	ng/dscm	7%O2	8.34e-8	lbs/hr	CE7%O2
8D	325C6R1	ND	7.00e-1	ng/dscm	7%O2	3.50e-8	lbs/hr	CE7%O2

1. COMPANY: APTUS
2. STATE: KS
3. CITY: COFFEYVILLE EPA ID: KSD981506025 REGION: 7
4. EP ID: 325 DEVICE NAME: SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: SD/FF/WS/IWS

8D	325C6R2		1.82e+0	ng/dscm	7%O2	9.63e-8	lbs/hr	CE7%O2
8D	325C6R3		2.03e+0	ng/dscm	7%O2	8.75e-8	lbs/hr	CE7%O2
8D	325C7R1	ND	2.47e+0	ng/dscm	7%O2	1.39e-7	lbs/hr	CE7%O2
8D	325C7R2	ND	4.26e+0	ng/dscm	7%O2	2.09e-7	lbs/hr	CE7%O2
8D	325C7R3	ND	2.68e+0	ng/dscm	7%O2	1.38e-7	lbs/hr	CE7%O2
8D	325C8R2		9.71e-1	ng/dscm	7%O2	4.41e-8	lbs/hr	CE7%O2
8D	325C8R3		3.49e-1	ng/dscm	7%O2	1.58e-8	lbs/hr	CE7%O2
8D	325C9R1		6.97e-1	ng/dscm	7%O2	3.43e-8	lbs/hr	CE7%O2
8D	325C9R2		8.70e-1	ng/dscm	7%O2	3.75e-8	lbs/hr	CE7%O2
8D	325C9R3		7.53e-1	ng/dscm	7%O2	3.32e-8	lbs/hr	CE7%O2
8F	325A1R1		8.56e-1	ng/dscm	7%O2	2.81e-8	lbs/hr	CE7%O2
8F	325A1R2		9.50e-1	ng/dscm	7%O2	4.38e-8	lbs/hr	CE7%O2
8F	325A1R3		9.27e-1	ng/dscm	7%O2	4.17e-8	lbs/hr	CE7%O2
8F	325A2R1		1.73e+0	ng/dscm	7%O2	7.57e-8	lbs/hr	CE7%O2
8F	325A2R2		1.20e+0	ng/dscm	7%O2	4.47e-8	lbs/hr	CE7%O2
8F	325A2R3		6.20e-1	ng/dscm	7%O2	2.82e-8	lbs/hr	CE7%O2
8F	325C4R1		7.94e-1	ng/dscm	7%O2	4.09e-8	lbs/hr	CE7%O2
8F	325C4R2		1.10e+0	ng/dscm	7%O2	5.56e-8	lbs/hr	CE7%O2
8F	325C5R1		3.26e+0	ng/dscm	7%O2	1.56e-7	lbs/hr	CE7%O2
8F	325C5R2		2.27e+0	ng/dscm	7%O2	1.07e-7	lbs/hr	CE7%O2
8F	325C5R3		1.13e+0	ng/dscm	7%O2	5.09e-8	lbs/hr	CE7%O2
8F	325C6R1	ND	3.43e-1	ng/dscm	7%O2	1.71e-8	lbs/hr	CE7%O2
8F	325C6R2		7.28e+0	ng/dscm	7%O2	3.86e-7	lbs/hr	CE7%O2
8F	325C6R3		3.12e+0	ng/dscm	7%O2	1.34e-7	lbs/hr	CE7%O2
8F	325C7R1		2.09e+0	ng/dscm	7%O2	1.18e-7	lbs/hr	CE7%O2
8F	325C7R3		1.75e+0	ng/dscm	7%O2	9.07e-8	lbs/hr	CE7%O2
8F	325C8R2		2.81e+0	ng/dscm	7%O2	1.28e-7	lbs/hr	CE7%O2
8F	325C8R3		1.16e+0	ng/dscm	7%O2	5.28e-8	lbs/hr	CE7%O2
8F	325C9R1		2.60e+0	ng/dscm	7%O2	1.28e-7	lbs/hr	CE7%O2
8F	325C9R2		2.23e+0	ng/dscm	7%O2	9.62e-8	lbs/hr	CE7%O2
8F	325C9R3		3.17e+0	ng/dscm	7%O2	1.40e-7	lbs/hr	CE7%O2
TEQ	325A1R1		2.48e+0	ng/dscm	7%O2	8.16e-8	lbs/hr	CCET
TEQ	325A1R2		2.34e+0	ng/dscm	7%O2	1.08e-7	lbs/hr	CCET
TEQ	325A1R3		2.32e+0	ng/dscm	7%O2	1.04e-7	lbs/hr	CCET
TEQ	325A2R1		2.23e+0	ng/dscm	7%O2	9.77e-8	lbs/hr	CCET
TEQ	325A2R2		2.19e+0	ng/dscm	7%O2	8.19e-8	lbs/hr	CCET
TEQ	325A2R3		2.00e+0	ng/dscm	7%O2	9.12e-8	lbs/hr	CCET
TEQ	325C8R2		2.32e+0	ng/dscm	7%O2	1.05e-7	lbs/hr	CCET
TEQ	325C8R3		2.19e+0	ng/dscm	7%O2	9.95e-8	lbs/hr	CCET
TEQ	325C9R1		2.18e+0	ng/dscm	7%O2	1.07e-7	lbs/hr	CCET
TEQ	325C9R2		1.75e+0	ng/dscm	7%O2	7.54e-8	lbs/hr	CCET
TEQ	325C9R3		2.34e+0	ng/dscm	7%O2	1.03e-7	lbs/hr	CCET
Total PCDD/PCDF	325A1R1		1.51e+2	ng/dscm	7%O2	4.96e-6	lbs/hr	CCET
Total PCDD/PCDF	325A1R2		1.36e+2	ng/dscm	7%O2	6.24e-6	lbs/hr	CCET
Total PCDD/PCDF	325A1R3		1.37e+2	ng/dscm	7%O2	6.16e-6	lbs/hr	CCET
Total PCDD/PCDF	325A2R1		1.26e+2	ng/dscm	7%O2	5.53e-6	lbs/hr	CCET
Total PCDD/PCDF	325A2R2		1.42e+2	ng/dscm	7%O2	5.31e-6	lbs/hr	CCET
Total PCDD/PCDF	325A2R3		1.44e+2	ng/dscm	7%O2	6.55e-6	lbs/hr	CCET
Total PCDD/PCDF	325C4R1		9.81e+1	ng/dscm	7%O2	5.05e-6	lbs/hr	CCET
Total PCDD/PCDF	325C4R2		5.61e+1	ng/dscm	7%O2	2.84e-6	lbs/hr	CCET
Total PCDD/PCDF	325C4R3		8.87e+1	ng/dscm	7%O2	4.24e-6	lbs/hr	CCET
Total PCDD/PCDF	325C5R1		1.62e+2	ng/dscm	7%O2	7.78e-6	lbs/hr	CCET
Total PCDD/PCDF	325C5R2		1.63e+2	ng/dscm	7%O2	7.71e-6	lbs/hr	CCET
Total PCDD/PCDF	325C5R3		8.59e+1	ng/dscm	7%O2	3.86e-6	lbs/hr	CCET
Total PCDD/PCDF	325C6R1		3.85e+1	ng/dscm	7%O2	1.93e-6	lbs/hr	CCET
Total PCDD/PCDF	325C6R2		2.02e+2	ng/dscm	7%O2	1.07e-5	lbs/hr	CCET
Total PCDD/PCDF	325C6R3		1.18e+2	ng/dscm	7%O2	5.07e-6	lbs/hr	CCET
Total PCDD/PCDF	325C7R1		9.31e+1	ng/dscm	7%O2	5.24e-6	lbs/hr	CCET
Total PCDD/PCDF	325C7R2		1.43e+2	ng/dscm	7%O2	7.01e-6	lbs/hr	CCET
Total PCDD/PCDF	325C7R3		1.12e+2	ng/dscm	7%O2	5.77e-6	lbs/hr	CCET
Total PCDD/PCDF	325C8R2		1.32e+2	ng/dscm	7%O2	6.00e-6	lbs/hr	CCET
Total PCDD/PCDF	325C8R3		1.27e+2	ng/dscm	7%O2	5.79e-6	lbs/hr	CCET
Total PCDD/PCDF	325C9R1		1.44e+2	ng/dscm	7%O2	7.07e-6	lbs/hr	CCET

1. COMPANY: APTUS
2. STATE: KS
3. CITY: COFFEYVILLE EPA ID: KSD981506025 REGION: 7
4. EP ID: 325 DEVICE NAME: SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: SD/FF/WS/IWS

Total PCDD/PCDF	325C9R2		1.23e+2	ng/dscm	7%O2	5.32e-6	lbs/hr	CCET
Total PCDD/PCDF	325C9R3		1.52e+2	ng/dscm	7%O2	6.72e-6	lbs/hr	CCET

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration				Mass Rate		Calc
HCl	325C4R1		2.80e+0	ppmv	7%O2	2.18e-1	lbs/hr	CC7%O2
HCl	325C4R2		6.55e-1	ppmv	7%O2	5.00e-2	lbs/hr	CC7%O2
HCl	325C4R3		2.63e-1	ppmv	7%O2	1.90e-2	lbs/hr	CC7%O2
HCl	325C5R1		3.02e+0	ppmv	7%O2	2.18e-1	lbs/hr	CC7%O2
HCl	325C5R2		1.48e+0	ppmv	7%O2	1.06e-1	lbs/hr	CC7%O2
HCl	325C5R3		4.56e+0	ppmv	7%O2	3.09e-1	lbs/hr	CC7%O2
HCl	325C6R1		5.58e+0	ppmv	7%O2	4.21e-1	lbs/hr	CC7%O2
HCl	325C6R2		2.25e-1	ppmv	7%O2	1.80e-2	lbs/hr	CC7%O2
HCl	325C6R3		1.21e+1	ppmv	7%O2	7.85e-1	lbs/hr	CC7%O2
HCl	325C7R1		3.61e+0	ppmv	7%O2	3.07e-1	lbs/hr	CC7%O2
HCl	325C7R2		9.10e+1	ppmv	7%O2	6.73e+0	lbs/hr	CC7%O2
HCl	325C7R3		1.21e+1	ppmv	7%O2	9.48e-1	lbs/hr	CC7%O2
HCl	325C8R4		4.49e+0	ppmv	7%O2	3.19e-1	lbs/hr	CE
HCl	325C8R5		9.13e-2	ppmv	7%O2	6.29e-3	lbs/hr	CE
HCl	325C8R6		3.97e-1	ppmv	7%O2	2.98e-2	lbs/hr	CE

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration				Mass Rate		Calc
Antimony	325C3R4	ND	4.35e+0	ug/dscm	7%O2	2.80e-4	lbs/hr	CC7%O2
Antimony	325C3R5	ND	4.85e+0	ug/dscm	7%O2	2.84e-4	lbs/hr	CC7%O2
Antimony	325C3R6	ND	4.96e+0	ug/dscm	7%O2	2.80e-4	lbs/hr	CC7%O2
Antimony	325C4R1		4.76e-1	ug/dscm	7%O2	2.45e-5	lbs/hr	CE7%O2
Antimony	325C4R2	ND	4.29e-1	ug/dscm	7%O2	2.17e-5	lbs/hr	CE7%O2
Antimony	325C4R3	ND	4.34e-1	ug/dscm	7%O2	2.08e-5	lbs/hr	CE7%O2
Antimony	325C5R1		7.37e-1	ug/dscm	7%O2	3.53e-5	lbs/hr	CE7%O2
Antimony	325C5R2	ND	6.13e-1	ug/dscm	7%O2	2.90e-5	lbs/hr	CE7%O2
Antimony	325C5R3	ND	5.89e-1	ug/dscm	7%O2	2.65e-5	lbs/hr	CE7%O2
Antimony	325C6R1	ND	5.36e-1	ug/dscm	7%O2	2.68e-5	lbs/hr	CE7%O2
Antimony	325C6R2	ND	6.85e-1	ug/dscm	7%O2	3.63e-5	lbs/hr	CE7%O2
Antimony	325C6R3		1.30e+0	ug/dscm	7%O2	5.59e-5	lbs/hr	CE7%O2
Antimony	325C7R1		7.20e-1	ug/dscm	7%O2	4.05e-5	lbs/hr	CE7%O2
Antimony	325C7R2		3.33e+0	ug/dscm	7%O2	1.63e-4	lbs/hr	CE7%O2
Antimony	325C7R3		1.14e+0	ug/dscm	7%O2	5.89e-5	lbs/hr	CE7%O2
Antimony	325C8R7	ND	7.22e+0	ug/dscm	7%O2	3.16e-4	lbs/hr	CE
Antimony	325C8R8	ND	7.09e+0	ug/dscm	7%O2	3.27e-4	lbs/hr	CE
Antimony	325C8R9	ND	6.99e+0	ug/dscm	7%O2	3.15e-4	lbs/hr	CE
Arsenic	325C3R4		4.79e-1	ug/dscm	7%O2	3.08e-5	lbs/hr	CC7%O2
Arsenic	325C3R5		1.26e+0	ug/dscm	7%O2	7.38e-5	lbs/hr	CC7%O2
Arsenic	325C3R6		1.16e+0	ug/dscm	7%O2	6.52e-5	lbs/hr	CC7%O2
Arsenic	325C4R1	ND	9.38e-1	ug/dscm	7%O2	4.83e-5	lbs/hr	CE7%O2
Arsenic	325C4R2		1.30e+0	ug/dscm	7%O2	6.57e-5	lbs/hr	CE7%O2
Arsenic	325C4R3		1.74e+0	ug/dscm	7%O2	8.32e-5	lbs/hr	CE7%O2
Arsenic	325C5R1		1.87e+0	ug/dscm	7%O2	8.96e-5	lbs/hr	CE7%O2
Arsenic	325C5R2		1.89e+0	ug/dscm	7%O2	8.93e-5	lbs/hr	CE7%O2
Arsenic	325C5R3		1.68e+0	ug/dscm	7%O2	7.54e-5	lbs/hr	CE7%O2
Arsenic	325C6R1		1.19e+0	ug/dscm	7%O2	5.96e-5	lbs/hr	CE7%O2
Arsenic	325C6R2		1.59e+0	ug/dscm	7%O2	8.44e-5	lbs/hr	CE7%O2
Arsenic	325C6R3		2.07e+0	ug/dscm	7%O2	8.89e-5	lbs/hr	CE7%O2
Arsenic	325C7R1		1.07e+0	ug/dscm	7%O2	6.01e-5	lbs/hr	CE7%O2
Arsenic	325C7R2		2.86e+0	ug/dscm	7%O2	1.40e-4	lbs/hr	CE7%O2
Arsenic	325C7R3		1.95e+0	ug/dscm	7%O2	1.01e-4	lbs/hr	CE7%O2
Arsenic	325C8R7	ND	2.41e+0	ug/dscm	7%O2	1.05e-4	lbs/hr	CE
Arsenic	325C8R8	ND	2.36e+0	ug/dscm	7%O2	1.09e-4	lbs/hr	CE
Arsenic	325C8R9	ND	2.33e+0	ug/dscm	7%O2	1.05e-4	lbs/hr	CE