

US EPA ARCHIVE DOCUMENT

SECTION 8: OTHER STREAM ANALYSES

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

5. Type: BA ASH

6. Description: KILN
 Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: SOLID

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Arsenic	338C2	2.20e+0 ug/g	0.00e+0	
Barium	338C1	2.85e+1 ug/g	0.00e+0	
Barium	338C2	1.33e+2 ug/g	0.00e+0	
Beryllium	338C1	4.91e+0 ug/g	0.00e+0	
Beryllium	338C2	3.44e+1 ug/g	0.00e+0	
Chromium	338C1	4.70e+0 ug/g	0.00e+0	
Chromium	338C2	4.62e+0 ug/g	0.00e+0	
Lead	338C2	4.40e+0 ug/g	0.00e+0	
Nickel	338C1	1.40e+1 ug/g	0.00e+0	
Nickel	338C2	8.80e+0 ug/g	0.00e+0	
Silver	338C2	1.10e+0 ug/g	0.00e+0	

5. Type: FF ASH

6. Description: Group: ROTARY KILN Location: FF Phase: SOLID

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Antimony	338C1	3.90e+1 ug/g	0.00e+0	
Antimony	338C2	9.80e+1 ug/g	0.00e+0	
Arsenic	338C1	2.50e+1 ug/g	0.00e+0	
Arsenic	338C2	3.94e+1 ug/g	0.00e+0	
Barium	338C1	3.65e+1 ug/g	0.00e+0	
Barium	338C2	6.31e+1 ug/g	0.00e+0	
Beryllium	338C1	6.99e+0 ug/g	0.00e+0	
Beryllium	338C2	1.04e+1 ug/g	0.00e+0	
Cadmium	338C1	4.29e+0 ug/g	0.00e+0	
Cadmium	338C2	1.32e+1 ug/g	0.00e+0	
Chromium	338C1	2.58e+2 ug/g	0.00e+0	
Chromium	338C2	3.58e+2 ug/g	0.00e+0	
Lead	338C1	1.10e+2 ug/g	0.00e+0	
Lead	338C2	2.50e+2 ug/g	0.00e+0	
Mercury	338C1	7.19e-2 ug/g	0.00e+0	
Mercury	338C2	1.43e-1 ug/g	0.00e+0	
Nickel	338C1	1.10e+3 ug/g	0.00e+0	
Nickel	338C2	1.30e+3 ug/g	0.00e+0	
Silver	338C2	2.40e+0 ug/g	0.00e+0	

5. Type: WASTE

6. Description: Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: SLUDGE

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
RCI	338C1R1	2.00e+5 ug/g	3.44e+2 lbs/hr	CE
RCI	338C1R2	4.60e+4 ug/g	7.95e+1 lbs/hr	CE
RCI	338C1R3	5.20e+4 ug/g	8.98e+1 lbs/hr	CE
RCI	338C2R1	4.30e+4 ug/g	7.25e+1 lbs/hr	CE
RCI	338C2R2	4.70e+4 ug/g	8.16e+1 lbs/hr	CE
RCI	338C2R3	5.30e+4 ug/g	9.19e+1 lbs/hr	CE

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SECTION 8: OTHER STREAM ANALYSES

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

EPA ID: TXD008081101
 SYSTEM TYPE: ONSITE INCINERATOR

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

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Carbon Tetrachloride	338C1R1	1.11e+5 ug/g	1.91e+2 lbs/hr	CE
Carbon Tetrachloride	338C1R2	7.10e+4 ug/g	1.23e+2 lbs/hr	CE
Carbon Tetrachloride	338C1R3	5.40e+4 ug/g	9.32e+1 lbs/hr	CE
Carbon Tetrachloride	338C2R1	5.00e+4 ug/g	8.43e+1 lbs/hr	CE
Carbon Tetrachloride	338C2R2	6.30e+4 ug/g	1.09e+2 lbs/hr	CE
Carbon Tetrachloride	338C2R3	6.50e+4 ug/g	1.13e+2 lbs/hr	CE

6. Description: AQUEOUS
 Group: ROTARY KILN

Location: PRIMARY CHAMBER

Phase: LIQUID

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
RCI	338C1R2	4.50e+2 ug/g	1.67e+0 lbs/hr	CE
RCI	338C2R2	4.40e+2 ug/g	1.54e+0 lbs/hr	CE
RCI	338C2R3	4.10e+2 ug/g	1.44e+0 lbs/hr	CE

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Chlorobenzene	338C1R1	1.01e+4 ug/g	3.07e+1 lbs/hr	CE
Chlorobenzene	338C1R2	8.90e+3 ug/g	3.31e+1 lbs/hr	CE
Chlorobenzene	338C1R3	8.50e+3 ug/g	3.08e+1 lbs/hr	CE
Chlorobenzene	338C2R1	7.90e+3 ug/g	2.91e+1 lbs/hr	CE
Chlorobenzene	338C2R2	5.10e+3 ug/g	1.79e+1 lbs/hr	CE
Chlorobenzene	338C2R3	4.40e+3 ug/g	1.55e+1 lbs/hr	CE

6. Description:
 Group: ROTARY KILN

Location: PRIMARY CHAMBER

Phase: LIQUID

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
RCI	338C1R1	1.50e+3 ug/g	2.99e+0 lbs/hr	CE
RCI	338C1R2	2.70e+3 ug/g	5.61e+0 lbs/hr	CE
RCI	338C1R3	3.10e+3 ug/g	5.95e+0 lbs/hr	CE
RCI	338C2R1	2.60e+3 ug/g	5.20e+0 lbs/hr	CE
RCI	338C2R2	2.90e+3 ug/g	5.90e+0 lbs/hr	CE
RCI	338C2R3	1.80e+4 ug/g	3.70e+1 lbs/hr	CE

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Carbon Tetrachloride	338C1R1	1.50e+3 ug/g	2.99e+0 lbs/hr	CE
Carbon Tetrachloride	338C1R2	1.90e+3 ug/g	3.95e+0 lbs/hr	CE
Carbon Tetrachloride	338C1R3	2.10e+3 ug/g	4.03e+0 lbs/hr	CE
Carbon Tetrachloride	338C2R1	1.80e+3 ug/g	3.60e+0 lbs/hr	CE
Carbon Tetrachloride	338C2R2	1.90e+3 ug/g	3.86e+0 lbs/hr	CE
Carbon Tetrachloride	338C2R3	1.81e+4 ug/g	3.72e+1 lbs/hr	CE
Trichlorofluoroethane	338C1R1	9.00e+2 ug/g	1.79e+0 lbs/hr	CE
Trichlorofluoroethane	338C1R2	1.40e+3 ug/g	2.91e+0 lbs/hr	CE
Trichlorofluoroethane	338C1R3	1.60e+3 ug/g	3.07e+0 lbs/hr	CE
Trichlorofluoroethane	338C2R1	1.50e+3 ug/g	3.00e+0 lbs/hr	CE
Trichlorofluoroethane	338C2R2	1.50e+3 ug/g	3.05e+0 lbs/hr	CE
Trichlorofluoroethane	338C2R3	7.00e+2 ug/g	1.44e+0 lbs/hr	CE

6. Description: THICK SLURRY
 Group: ROTARY KILN

Location: PRIMARY CHAMBER

Phase: SLUDGE

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
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1. COMPANY: DUPONT
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 4. EP ID: 338 DEVICE NAME:

EPA ID: TXD008081101
 SYSTEM TYPE: ONSITE INCINERATOR

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

RCI	338C1R1	6.20e+2	ug/g	2.99e+0	lbs/hr	CE
RCI	338C1R2	1.30e+3	ug/g	2.64e+0	lbs/hr	CE
RCI	338C1R3	1.10e+3	ug/g	1.42e+0	lbs/hr	CE
RCI	338C2R1	1.10e+3	ug/g	5.04e+0	lbs/hr	CE
RCI	338C2R2	8.20e+2	ug/g	4.27e+0	lbs/hr	CE
RCI	338C2R3	7.70e+2	ug/g	5.01e+0	lbs/hr	CE

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Chlorobenzene	338C1R1	1.26e+4	ug/g	6.08e+1	lbs/hr	CE
Chlorobenzene	338C1R2	2.89e+4	ug/g	5.86e+1	lbs/hr	CE
Chlorobenzene	338C1R3	4.38e+4	ug/g	5.65e+1	lbs/hr	CE
Chlorobenzene	338C2R1	1.34e+4	ug/g	6.14e+1	lbs/hr	CE
Chlorobenzene	338C2R2	9.90e+3	ug/g	5.16e+1	lbs/hr	CE
Chlorobenzene	338C2R3	9.90e+3	ug/g	6.45e+1	lbs/hr	CE

6. Description: DIRECT BURN
 Group: ROTARY KILN

Location: PRIMARY CHAMBER

Phase: SOLID

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
RCI	338C1R1	3.40e+5	ug/g	2.35e+2	lbs/hr	CE
RCI	338C1R2	2.10e+4	ug/g	1.57e+1	lbs/hr	CE
RCI	338C1R3	2.30e+4	ug/g	1.72e+1	lbs/hr	CE
RCI	338C2R1	2.40e+4	ug/g	1.90e+1	lbs/hr	CE
RCI	338C2R2	1.30e+4	ug/g	9.30e+0	lbs/hr	CE
RCI	338C2R3	1.40e+4	ug/g	1.01e+1	lbs/hr	CE

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Trichlorofluoroethane	338C1R1	2.34e+5	ug/g	1.62e+2	lbs/hr	CE
Trichlorofluoroethane	338C1R2	3.20e+4	ug/g	2.39e+1	lbs/hr	CE
Trichlorofluoroethane	338C1R3	3.10e+4	ug/g	2.32e+1	lbs/hr	CE
Trichlorofluoroethane	338C2R1	3.00e+4	ug/g	2.37e+1	lbs/hr	CE
Trichlorofluoroethane	338C2R2	3.00e+4	ug/g	2.15e+1	lbs/hr	CE
Trichlorofluoroethane	338C2R3	2.90e+4	ug/g	2.09e+1	lbs/hr	CE

6. Description: CONTAINERIZED
 Group: ROTARY KILN

Location: PRIMARY CHAMBER

Phase: SOLID

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
RCI	338C1R1	6.40e+4	ug/g	2.38e+2	lbs/hr	CE
RCI	338C1R2	6.30e+4	ug/g	2.11e+2	lbs/hr	CE
RCI	338C1R3	6.30e+4	ug/g	2.07e+2	lbs/hr	CE
RCI	338C2R1	9.50e+4	ug/g	6.57e+2	lbs/hr	CE
RCI	338C2R2	9.50e+4	ug/g	5.99e+2	lbs/hr	CE
RCI	338C2R3	9.50e+4	ug/g	5.99e+2	lbs/hr	CE

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Trichlorofluoroethane	338C1R1	1.66e+4	ug/g	6.18e+1	lbs/hr	CE
Trichlorofluoroethane	338C1R2	1.67e+4	ug/g	5.58e+1	lbs/hr	CE
Trichlorofluoroethane	338C1R3	1.67e+4	ug/g	5.50e+1	lbs/hr	CE
Trichlorofluoroethane	338C2R1	8.00e+3	ug/g	5.53e+1	lbs/hr	CE
Trichlorofluoroethane	338C2R2	8.00e+3	ug/g	5.05e+1	lbs/hr	CE
Trichlorofluoroethane	338C2R3	8.00e+3	ug/g	5.05e+1	lbs/hr	CE

6. Description:

Group: ROTARY KILN

Location: SECONDARY CHAMBER

Phase: LIQUID

US EPA ARCHIVE DOCUMENT

SECTION 8: OTHER STREAM ANALYSES

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

EPA ID: TXD008081101
 SYSTEM TYPE: ONSITE INCINERATOR

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

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
RCI	338C1R1	2.80e+2 ug/g	1.01e+0 lbs/hr	CE
RCI	338C1R2	1.80e+2 ug/g	7.04e-1 lbs/hr	CE
RCI	338C1R3	1.90e+2 ug/g	7.48e-1 lbs/hr	CE
RCI	338C2R1	2.40e+3 ug/g	1.21e+1 lbs/hr	CE
RCI	338C2R2	2.20e+3 ug/g	1.09e+1 lbs/hr	CE
RCI	338C2R3	1.40e+4 ug/g	6.89e+1 lbs/hr	CE

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Carbon Tetrachloride	338C2R1	1.80e+3 ug/g	9.08e+0 lbs/hr	CE
Carbon Tetrachloride	338C2R2	1.80e+3 ug/g	8.88e+0 lbs/hr	CE
Carbon Tetrachloride	338C2R3	2.30e+4 ug/g	1.13e+2 lbs/hr	CE
Trichlorofluoroethane	338C2R1	1.50e+3 ug/g	7.57e+0 lbs/hr	CE
Trichlorofluoroethane	338C2R2	1.60e+3 ug/g	7.89e+0 lbs/hr	CE
Trichlorofluoroethane	338C2R3	1.40e+3 ug/g	6.89e+0 lbs/hr	CE

6. Description: AQUEOUS
 Group: ROTARY KILN

Location: SECONDARY CHAMBER

Phase: LIQUID

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Chlorobenzene	338C1R1	1.01e+4 ug/g	3.49e+1 lbs/hr	CE
Chlorobenzene	338C1R2	8.90e+3 ug/g	3.07e+1 lbs/hr	CE
Chlorobenzene	338C1R3	8.50e+3 ug/g	3.00e+1 lbs/hr	CE
Chlorobenzene	338C2R1	7.90e+3 ug/g	4.49e+1 lbs/hr	CE
Chlorobenzene	338C2R2	5.10e+3 ug/g	4.94e+1 lbs/hr	CE
Chlorobenzene	338C2R3	4.40e+3 ug/g	4.89e+1 lbs/hr	CE
Trichlorofluoroethane	338C2R2	1.42e+2 ug/g	1.38e+0 lbs/hr	CE
Trichlorofluoroethane	338C2R3	1.73e+2 ug/g	1.92e+0 lbs/hr	CE

US EPA ARCHIVE DOCUMENT

SECTION 8: OTHER STREAM ANALYSES

1. COMPANY: EASTMAN KODAK

2. STATE: NY

3. CITY: ROCHESTER

EPA ID: NYD980592497

REGION: 2

4. EP ID: 915 DEVICE NAME: BUILDING 218 CHI

SYSTEM TYPE: ONSITE INCINERATOR

APC SYSTEM: QC/VS/C

5. Type: SPIKE

6. Description: CARBON TETRACHLORIDE

Group: ROTARY KILN

Location: PRIMARY CHAMBER

Phase: LIQUID

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Carbon Tetrachloride	915C1R1	1.00e+6 ug/g	6.44e+2 lbs/hr	CE
Carbon Tetrachloride	915C1R2	1.00e+6 ug/g	6.94e+2 lbs/hr	CE
Carbon Tetrachloride	915C1R3	1.00e+6 ug/g	6.70e+2 lbs/hr	CE
Carbon Tetrachloride	915C2R1	1.00e+6 ug/g	3.82e+2 lbs/hr	CE
Carbon Tetrachloride	915C2R2	1.00e+6 ug/g	4.28e+2 lbs/hr	CE
Carbon Tetrachloride	915C2R3	1.00e+6 ug/g	4.31e+2 lbs/hr	CE
Carbon Tetrachloride	915C3R1	1.00e+6 ug/g	4.52e+2 lbs/hr	CE
Carbon Tetrachloride	915C3R2	1.00e+6 ug/g	4.18e+2 lbs/hr	CE
Carbon Tetrachloride	915C3R3	1.00e+6 ug/g	3.65e+2 lbs/hr	CE

6. Description: CHLORO BENZENE

Group: ROTARY KILN

Location: PRIMARY CHAMBER

Phase: LIQUID

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Carbon Tetrachloride	915C1R1	1.00e+6 ug/g	1.31e+3 lbs/hr	CE
Carbon Tetrachloride	915C1R2	1.00e+6 ug/g	1.35e+3 lbs/hr	CE
Carbon Tetrachloride	915C1R3	1.00e+6 ug/g	1.11e+3 lbs/hr	CE
Carbon Tetrachloride	915C2R1	1.00e+6 ug/g	1.30e+3 lbs/hr	CE
Carbon Tetrachloride	915C2R2	1.00e+6 ug/g	7.59e+2 lbs/hr	CE
Carbon Tetrachloride	915C2R3	1.00e+6 ug/g	1.45e+3 lbs/hr	CE
Carbon Tetrachloride	915C3R1	1.00e+6 ug/g	1.00e+3 lbs/hr	CE
Carbon Tetrachloride	915C3R2	1.00e+6 ug/g	8.40e+2 lbs/hr	CE
Carbon Tetrachloride	915C3R3	1.00e+6 ug/g	9.37e+2 lbs/hr	CE

6. Description: TOLUENE

Group: ROTARY KILN

Location: PRIMARY CHAMBER

Phase: LIQUID

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Carbon Tetrachloride	915C1R1	1.00e+6 ug/g	6.93e+2 lbs/hr	CE
Carbon Tetrachloride	915C1R2	1.00e+6 ug/g	7.23e+2 lbs/hr	CE
Carbon Tetrachloride	915C1R3	1.00e+6 ug/g	5.91e+2 lbs/hr	CE
Carbon Tetrachloride	915C2R1	1.00e+6 ug/g	8.16e+2 lbs/hr	CE
Carbon Tetrachloride	915C2R2	1.00e+6 ug/g	5.30e+2 lbs/hr	CE
Carbon Tetrachloride	915C2R3	1.00e+6 ug/g	1.00e+2 lbs/hr	CE
Carbon Tetrachloride	915C3R1	1.00e+6 ug/g	7.11e+2 lbs/hr	CE
Carbon Tetrachloride	915C3R2	1.00e+6 ug/g	5.62e+2 lbs/hr	CE
Carbon Tetrachloride	915C3R3	1.00e+6 ug/g	6.06e+2 lbs/hr	CE

US EPA ARCHIVE DOCUMENT

SECTION 8: OTHER STREAM ANALYSES

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

EPA IND006050967
 SYSTEM TYPE: ONSITE INCINERATOR

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

5. Type: WASTE

6. Description: PRIMARY WASTE FEED
 Group: LIQUID INJECTION

Location: PRIMARY CHAMBER

Phase: LIQUID

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Chlorine	358C1R1	2.93e+5 ug/g	8.66e+2 lbs/hr	CE
Chlorine	358C1R2	2.93e+5 ug/g	7.62e+2 lbs/hr	CE
Chlorine	358C1R3	3.24e+5 ug/g	8.26e+2 lbs/hr	CE
Chlorine	358C1R4	3.17e+5 ug/g	8.41e+2 lbs/hr	CE
Chlorine	358C3R1	3.27e+5 ug/g	8.86e+2 lbs/hr	CE
Chlorine	358C3R2	3.68e+5 ug/g	1.02e+3 lbs/hr	CE
Chlorine	358C3R3	3.22e+5 ug/g	8.86e+2 lbs/hr	CE
Chlorine	358C4R1	2.91e+5 ug/g	8.17e+2 lbs/hr	CE
Chlorine	358C4R2	3.07e+5 ug/g	8.55e+2 lbs/hr	CE
Chlorine	358C4R3	3.03e+5 ug/g	8.55e+2 lbs/hr	CE

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Carbon Tetrachloride	358C1R1	8.18e+3 ug/g	2.42e+1 lbs/hr	CE
Carbon Tetrachloride	358C1R2	7.70e+3 ug/g	2.00e+1 lbs/hr	CE
Carbon Tetrachloride	358C1R3	8.07e+3 ug/g	2.06e+1 lbs/hr	CE
Carbon Tetrachloride	358C1R4	9.11e+3 ug/g	2.42e+1 lbs/hr	CE
Carbon Tetrachloride	358C3R1	7.92e+3 ug/g	2.15e+1 lbs/hr	CE
Carbon Tetrachloride	358C3R2	7.76e+3 ug/g	2.15e+1 lbs/hr	CE
Carbon Tetrachloride	358C3R3	7.94e+3 ug/g	2.18e+1 lbs/hr	CE
Carbon Tetrachloride	358C4R1	4.86e+3 ug/g	1.36e+1 lbs/hr	CE
Carbon Tetrachloride	358C4R2	4.90e+3 ug/g	1.36e+1 lbs/hr	CE
Carbon Tetrachloride	358C4R3	4.59e+3 ug/g	1.30e+1 lbs/hr	CE
Chlorobenzene	358C1R1	9.62e+3 ug/g	2.84e+1 lbs/hr	CE
Chlorobenzene	358C1R2	1.12e+4 ug/g	2.91e+1 lbs/hr	CE
Chlorobenzene	358C1R3	1.27e+4 ug/g	3.23e+1 lbs/hr	CE
Chlorobenzene	358C1R4	1.26e+4 ug/g	3.34e+1 lbs/hr	CE
Chlorobenzene	358C3R1	1.24e+4 ug/g	3.36e+1 lbs/hr	CE
Chlorobenzene	358C3R2	1.18e+4 ug/g	3.27e+1 lbs/hr	CE
Chlorobenzene	358C3R3	1.26e+4 ug/g	3.47e+1 lbs/hr	CE
Chlorobenzene	358C4R1	7.08e+3 ug/g	1.99e+1 lbs/hr	CE
Chlorobenzene	358C4R2	6.88e+3 ug/g	1.92e+1 lbs/hr	CE
Chlorobenzene	358C4R3	6.98e+3 ug/g	1.97e+1 lbs/hr	CE
Methylene Chloride	358C1R1	3.37e+5 ug/g	9.96e+2 lbs/hr	CE
Methylene Chloride	358C1R2	3.16e+5 ug/g	8.22e+2 lbs/hr	CE
Methylene Chloride	358C1R3	3.18e+5 ug/g	8.10e+2 lbs/hr	CE
Methylene Chloride	358C1R4	2.81e+5 ug/g	7.46e+2 lbs/hr	CE
Methylene Chloride	358C3R1	2.91e+5 ug/g	7.89e+2 lbs/hr	CE
Methylene Chloride	358C3R2	3.02e+5 ug/g	8.38e+2 lbs/hr	CE
Methylene Chloride	358C3R3	3.26e+5 ug/g	8.97e+2 lbs/hr	CE
Methylene Chloride	358C4R1	3.34e+5 ug/g	9.38e+2 lbs/hr	CE
Methylene Chloride	358C4R2	3.25e+5 ug/g	9.05e+2 lbs/hr	CE
Methylene Chloride	358C4R3	3.21e+5 ug/g	9.06e+2 lbs/hr	CE

6. Description: SECONDARY WASTE
 Group: LIQUID INJECTION

Location: PRIMARY CHAMBER

Phase: LIQUID

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Chlorine	358C1R1	5.00e+4 ug/g	2.88e+2 lbs/hr	CE
Chlorine	358C1R2	5.33e+4 ug/g	3.08e+2 lbs/hr	CE
Chlorine	358C1R3	5.67e+4 ug/g	3.43e+2 lbs/hr	CE
Chlorine	358C1R4	4.92e+4 ug/g	2.73e+2 lbs/hr	CE
Chlorine	358C2R1	4.57e+4 ug/g	2.69e+2 lbs/hr	CE
Chlorine	358C2R2	4.59e+4 ug/g	2.71e+2 lbs/hr	CE
Chlorine	358C2R3	3.81e+4 ug/g	2.21e+2 lbs/hr	CE
Chlorine	358C3R1	3.10e+4 ug/g	1.46e+2 lbs/hr	CE
Chlorine	358C3R2	3.86e+4 ug/g	1.82e+2 lbs/hr	CE
Chlorine	358C3R3	4.46e+4 ug/g	2.13e+2 lbs/hr	CE
Chlorine	358C4R1	3.15e+4 ug/g	1.76e+2 lbs/hr	CE

SECTION 8: OTHER STREAM ANALYSES

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

EPA IND006050967
 SYSTEM TYPE: ONSITE INCINERATOR

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

Chlorine	358C4R2	4.45e+4	ug/g	2.50e+2	lbs/hr	CE
Chlorine	358C4R3	3.39e+4	ug/g	1.91e+2	lbs/hr	CE

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Carbon Tetrachloride	358C1R1	4.33e+3	ug/g	2.49e+1	lbs/hr	CE
Carbon Tetrachloride	358C1R2	7.86e+3	ug/g	4.55e+1	lbs/hr	CE
Carbon Tetrachloride	358C1R3	9.64e+3	ug/g	5.84e+1	lbs/hr	CE
Carbon Tetrachloride	358C1R4	8.77e+3	ug/g	4.86e+1	lbs/hr	CE
Carbon Tetrachloride	358C2R1	2.01e+3	ug/g	1.18e+1	lbs/hr	CE
Carbon Tetrachloride	358C2R2	7.34e+3	ug/g	4.34e+1	lbs/hr	CE
Carbon Tetrachloride	358C2R3	9.91e+3	ug/g	5.76e+1	lbs/hr	CE
Carbon Tetrachloride	358C3R1	4.89e+3	ug/g	2.31e+1	lbs/hr	CE
Carbon Tetrachloride	358C3R2	8.89e+3	ug/g	4.19e+1	lbs/hr	CE
Carbon Tetrachloride	358C3R3	9.11e+3	ug/g	4.35e+1	lbs/hr	CE
Carbon Tetrachloride	358C4R1	5.94e+3	ug/g	3.32e+1	lbs/hr	CE
Carbon Tetrachloride	358C4R2	5.41e+3	ug/g	3.04e+1	lbs/hr	CE
Carbon Tetrachloride	358C4R3	5.87e+3	ug/g	3.30e+1	lbs/hr	CE
Chlorobenzene	358C1R1	3.56e+3	ug/g	2.05e+1	lbs/hr	CE
Chlorobenzene	358C1R2	6.49e+3	ug/g	3.76e+1	lbs/hr	CE
Chlorobenzene	358C1R3	8.57e+3	ug/g	5.19e+1	lbs/hr	CE
Chlorobenzene	358C1R4	7.51e+3	ug/g	4.16e+1	lbs/hr	CE
Chlorobenzene	358C2R1	1.49e+3	ug/g	8.77e+0	lbs/hr	CE
Chlorobenzene	358C2R2	6.08e+3	ug/g	3.59e+1	lbs/hr	CE
Chlorobenzene	358C2R3	8.40e+3	ug/g	4.88e+1	lbs/hr	CE
Chlorobenzene	358C3R1	4.33e+3	ug/g	2.04e+1	lbs/hr	CE
Chlorobenzene	358C3R2	7.76e+3	ug/g	3.66e+1	lbs/hr	CE
Chlorobenzene	358C3R3	8.79e+3	ug/g	4.19e+1	lbs/hr	CE
Chlorobenzene	358C4R1	5.40e+3	ug/g	3.02e+1	lbs/hr	CE
Chlorobenzene	358C4R2	4.96e+3	ug/g	2.78e+1	lbs/hr	CE
Chlorobenzene	358C4R3	4.72e+3	ug/g	2.65e+1	lbs/hr	CE
Methylene Chloride	358C1R1	5.88e+3	ug/g	3.38e+1	lbs/hr	CE
Methylene Chloride	358C1R2	7.88e+3	ug/g	4.56e+1	lbs/hr	CE
Methylene Chloride	358C1R3	9.94e+3	ug/g	6.02e+1	lbs/hr	CE
Methylene Chloride	358C1R4	8.07e+3	ug/g	4.47e+1	lbs/hr	CE
Methylene Chloride	358C2R1	4.27e+3	ug/g	2.51e+1	lbs/hr	CE
Methylene Chloride	358C2R2	3.90e+4	ug/g	2.30e+2	lbs/hr	CE
Methylene Chloride	358C2R3	1.06e+4	ug/g	6.16e+1	lbs/hr	CE
Methylene Chloride	358C3R1	5.97e+3	ug/g	2.82e+1	lbs/hr	CE
Methylene Chloride	358C3R2	9.69e+3	ug/g	4.57e+1	lbs/hr	CE
Methylene Chloride	358C3R3	1.05e+4	ug/g	5.01e+1	lbs/hr	CE
Methylene Chloride	358C4R1	8.53e+3	ug/g	4.77e+1	lbs/hr	CE
Methylene Chloride	358C4R2	7.42e+3	ug/g	4.17e+1	lbs/hr	CE
Methylene Chloride	358C4R3	8.09e+3	ug/g	4.55e+1	lbs/hr	CE
Methylene Chloride	358C5R1	3.90e+4	ug/g	1.81e+2	lbs/hr	CC
Methylene Chloride	358C5R2	3.99e+4	ug/g	1.84e+2	lbs/hr	CC
Methylene Chloride	358C5R3	3.93e+4	ug/g	1.81e+2	lbs/hr	CC

US EPA ARCHIVE DOCUMENT

SECTION 8: OTHER STREAM ANALYSES

1. COMPANY: ELI LILLY AND COMPANY

2. STATE: PR

3. CITY: MAYAQUEZ

EPA ID: PRD091024786

REGION: 2

4. EP ID: 728 DEVICE NAME: BRULE

SYSTEM TYPE: ONSITE INCINERATOR

APC SYSTEM: QT/PT/VS

5. Type: WASTE

6. Description: PRIMARY

Group: INCINERATOR

Location: SINGLE CHAMBER

Phase: LIQUID

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Chlorine	728C1R1	2.78e+5 ug/g	2.03e+2 lbs/hr	CC
Chlorine	728C1R2	2.65e+5 ug/g	1.95e+2 lbs/hr	CC
Chlorine	728C1R3	2.72e+5 ug/g	1.98e+2 lbs/hr	CC

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Acetonitrile	728C1R1	1.06e+5 ug/g	7.77e+1 lbs/hr	CC
Acetonitrile	728C1R2	1.11e+5 ug/g	8.17e+1 lbs/hr	CC
Acetonitrile	728C1R3	1.06e+5 ug/g	7.73e+1 lbs/hr	CC
Carbon Tetrachloride	728C1R1	5.01e+4 ug/g	3.67e+1 lbs/hr	CC
Carbon Tetrachloride	728C1R2	4.65e+4 ug/g	3.42e+1 lbs/hr	CC
Carbon Tetrachloride	728C1R3	4.75e+4 ug/g	3.46e+1 lbs/hr	CC
Methylene Chloride	728C1R1	1.68e+5 ug/g	1.23e+2 lbs/hr	CC
Methylene Chloride	728C1R2	1.61e+5 ug/g	1.18e+2 lbs/hr	CC
Methylene Chloride	728C1R3	1.64e+5 ug/g	1.20e+2 lbs/hr	CC

6. Description: SECONDARY

Group: INCINERATOR

Location: SINGLE CHAMBER

Phase: LIQUID

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Chlorine	728C1R1	7.33e+3 ug/g	1.07e+1 lbs/hr	CC
Chlorine	728C1R2	8.37e+3 ug/g	1.21e+1 lbs/hr	CC
Chlorine	728C1R3	2.39e+3 ug/g	3.32e+0 lbs/hr	CC

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Methylene Chloride	728C1R1	8.18e+3 ug/g	1.19e+1 lbs/hr	CC
Methylene Chloride	728C1R2	5.02e+3 ug/g	7.25e+0 lbs/hr	CC
Methylene Chloride	728C1R3	2.98e+3 ug/g	4.13e+0 lbs/hr	CC

SECTION 8: OTHER STREAM ANALYSES

1. COMPANY: FIRST CHEMICAL CORPORATION
 2. STATE: MS
 3. CITY: PASCAGOULA
 4. EP ID: 904 DEVICE NAME:

EPA ID: MSD033417031
 SYSTEM TYPE: ONSITE INCINERATOR

REGION: 4
 APC SYSTEM: ?

5. Type: WASTE

6. Description: WASTE 1,SPIKED ORGANICS (TOLUENE,NB,OTHERS)
 Group: STARVED-AIR

Location: SINGLE CHAMBER

Phase: LIQUID

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate	Calc
Chlorine	904C1R1	ND	3.00e+1 ppmv	0.00e+0	
Chlorine	904C1R2	ND	3.00e+1 ppmv	0.00e+0	
Chlorine	904C1R3	ND	3.00e+1 ppmv	0.00e+0	
Chlorine	904C3R1	ND	3.00e+1 ppmv	0.00e+0	
Chlorine	904C3R2	ND	3.00e+1 ppmv	0.00e+0	
Chlorine	904C3R3	ND	3.00e+1 ppmv	0.00e+0	

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate	Calc
Antimony	904C1R1	ND	2.40e+1 ug/g	2.23e-2 lbs/hr	CE
Antimony	904C1R2	ND	1.20e+1 ug/g	1.12e-2 lbs/hr	CE
Antimony	904C1R3	ND	1.20e+1 ug/g	1.12e-2 lbs/hr	CE
Antimony	904C3R1	ND	1.20e+1 ug/g	1.08e-2 lbs/hr	CE
Antimony	904C3R2	ND	1.20e+1 ug/g	1.08e-2 lbs/hr	CE
Antimony	904C3R3	ND	1.20e+1 ug/g	1.08e-2 lbs/hr	CE
Arsenic	904C1R1	ND	1.25e+0 ug/g	1.16e-3 lbs/hr	CE
Arsenic	904C1R2	ND	1.25e+0 ug/g	1.16e-3 lbs/hr	CE
Arsenic	904C1R3	ND	1.25e+0 ug/g	1.16e-3 lbs/hr	CE
Arsenic	904C3R1	ND	1.25e+0 ug/g	1.12e-3 lbs/hr	CE
Arsenic	904C3R2	ND	1.25e+0 ug/g	1.12e-3 lbs/hr	CE
Arsenic	904C3R3	ND	1.25e+0 ug/g	1.12e-3 lbs/hr	CE
Barium	904C1R1	ND	1.20e+1 ug/g	1.11e-2 lbs/hr	CE
Barium	904C1R2	ND	1.20e+1 ug/g	1.12e-2 lbs/hr	CE
Barium	904C1R3	ND	1.20e+1 ug/g	1.12e-2 lbs/hr	CE
Barium	904C3R1	ND	1.20e+1 ug/g	1.08e-2 lbs/hr	CE
Barium	904C3R2	ND	1.20e+1 ug/g	1.08e-2 lbs/hr	CE
Barium	904C3R3	ND	1.20e+1 ug/g	1.08e-2 lbs/hr	CE
Beryllium	904C1R1	ND	3.00e-1 ug/g	2.79e-4 lbs/hr	CE
Beryllium	904C1R2	ND	3.00e-1 ug/g	2.79e-4 lbs/hr	CE
Beryllium	904C1R3	ND	3.00e-1 ug/g	2.79e-4 lbs/hr	CE
Beryllium	904C3R1	ND	3.00e-1 ug/g	2.70e-4 lbs/hr	CE
Beryllium	904C3R2	ND	3.00e-1 ug/g	2.70e-4 lbs/hr	CE
Beryllium	904C3R3	ND	3.00e-1 ug/g	2.70e-4 lbs/hr	CE
Cadmium	904C1R1	ND	2.50e-1 ug/g	2.32e-4 lbs/hr	CE
Cadmium	904C1R2	ND	2.50e-1 ug/g	2.33e-4 lbs/hr	CE
Cadmium	904C1R3	ND	2.50e-1 ug/g	2.33e-4 lbs/hr	CE
Cadmium	904C3R1	ND	2.50e-1 ug/g	2.25e-4 lbs/hr	CE
Cadmium	904C3R2	ND	2.50e-1 ug/g	2.25e-4 lbs/hr	CE
Cadmium	904C3R3	ND	2.50e-1 ug/g	2.25e-4 lbs/hr	CE
Chromium	904C1R1	ND	5.00e-1 ug/g	4.65e-4 lbs/hr	CE
Chromium	904C1R2	ND	5.00e-1 ug/g	4.65e-4 lbs/hr	CE
Chromium	904C1R3	ND	5.00e-1 ug/g	4.65e-4 lbs/hr	CE
Chromium	904C3R1	ND	5.00e-1 ug/g	4.50e-4 lbs/hr	CE
Chromium	904C3R2	ND	5.00e-1 ug/g	4.50e-4 lbs/hr	CE
Chromium	904C3R3	ND	5.00e-1 ug/g	4.50e-4 lbs/hr	CE
Lead	904C1R1	ND	1.20e+1 ug/g	1.11e-2 lbs/hr	CE
Lead	904C1R2	ND	1.20e+1 ug/g	1.12e-2 lbs/hr	CE
Lead	904C1R3	ND	1.20e+1 ug/g	1.12e-2 lbs/hr	CE
Lead	904C3R1	ND	1.20e+1 ug/g	1.08e-2 lbs/hr	CE
Lead	904C3R2	ND	1.20e+1 ug/g	1.08e-2 lbs/hr	CE
Lead	904C3R3	ND	1.20e+1 ug/g	1.08e-2 lbs/hr	CE
Mercury	904C1R1	ND	2.00e-3 ug/g	1.86e-6 lbs/hr	CE
Mercury	904C1R2	ND	2.00e-3 ug/g	1.86e-6 lbs/hr	CE
Mercury	904C1R3	ND	2.00e-3 ug/g	1.86e-6 lbs/hr	CE
Mercury	904C3R1	ND	2.00e-3 ug/g	1.80e-6 lbs/hr	CE
Mercury	904C3R2	ND	2.00e-3 ug/g	1.80e-6 lbs/hr	CE
Mercury	904C3R3	ND	2.00e-3 ug/g	1.80e-6 lbs/hr	CE
Silver	904C1R1	ND	1.20e+1 ug/g	1.11e-2 lbs/hr	CE
Silver	904C1R2	ND	1.20e+1 ug/g	1.12e-2 lbs/hr	CE
Silver	904C1R3	ND	1.20e+1 ug/g	1.12e-2 lbs/hr	CE
Silver	904C3R1	ND	1.20e+1 ug/g	1.08e-2 lbs/hr	CE

US EPA ARCHIVE DOCUMENT

SECTION 8: OTHER STREAM ANALYSES

1. COMPANY: FIRST CHEMICAL CORPORATION
 2. STATE: MS
 3. CITY: PASCAGOULA
 4. EP ID: 904 DEVICE NAME:

EPA ID: MSD033417031
 SYSTEM TYPE: ONSITE INCINERATOR

REGION: 4
 APC SYSTEM: ?

Silver	904C3R2	ND	1.20e+1	ug/g	1.08e-2	lbs/hr	CE
Silver	904C3R3	ND	1.20e+1	ug/g	1.08e-2	lbs/hr	CE
Thallium	904C1R1	ND	1.20e+0	ug/g	1.11e-3	lbs/hr	CE
Thallium	904C1R2	ND	1.20e+0	ug/g	1.12e-3	lbs/hr	CE
Thallium	904C1R3	ND	1.20e+0	ug/g	1.12e-3	lbs/hr	CE
Thallium	904C3R1	ND	1.20e+0	ug/g	1.08e-3	lbs/hr	CE
Thallium	904C3R2	ND	1.20e+0	ug/g	1.08e-3	lbs/hr	CE
Thallium	904C3R3	ND	1.20e+0	ug/g	1.08e-3	lbs/hr	CE

7. Category: SVOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate	Calc	
Aniline	904C1R1	3.74e+5	ug/g	3.47e+2	lbs/hr	CE
Aniline	904C1R2	3.85e+5	ug/g	3.58e+2	lbs/hr	CE
Aniline	904C1R3	4.02e+5	ug/g	3.74e+2	lbs/hr	CE
Nitrobenzene	904C1R1	1.70e+5	ug/g	1.58e+2	lbs/hr	CE
Nitrobenzene	904C1R2	1.71e+5	ug/g	1.59e+2	lbs/hr	CE
Nitrobenzene	904C1R3	1.41e+5	ug/g	1.31e+2	lbs/hr	CE
Nitrobenzene	904C3R1	1.87e+5	ug/g	1.68e+2	lbs/hr	CE
Nitrobenzene	904C3R2	1.92e+5	ug/g	1.73e+2	lbs/hr	CE
Nitrobenzene	904C3R3	1.83e+5	ug/g	1.65e+2	lbs/hr	CE
Phenylenediamine	904C1R1	1.77e+5	ug/g	1.64e+2	lbs/hr	CE
Phenylenediamine	904C1R2	1.79e+5	ug/g	1.67e+2	lbs/hr	CE
Phenylenediamine	904C1R3	1.78e+5	ug/g	1.66e+2	lbs/hr	CE

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate	Calc	
Toluene	904C3R1	1.70e+4	ug/g	1.53e+1	lbs/hr	CE
Toluene	904C3R2	1.60e+4	ug/g	1.44e+1	lbs/hr	CE
Toluene	904C3R3	1.70e+4	ug/g	1.53e+1	lbs/hr	CE

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

Group: STARVED-AIR

Location: SINGLE CHAMBER

Phase: LIQUID

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate	Calc
Chlorine	904C2R1	ND	3.00e+1	ppmv	0.00e+0
Chlorine	904C2R2	ND	3.00e+1	ppmv	0.00e+0
Chlorine	904C2R3	ND	3.00e+1	ppmv	0.00e+0
Chlorine	904C3R1	ND	3.00e+1	ppmv	0.00e+0
Chlorine	904C3R2	ND	3.00e+1	ppmv	0.00e+0
Chlorine	904C3R3	ND	3.00e+1	ppmv	0.00e+0

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate	Calc		
Antimony	904C2R1	ND	5.00e+0	ug/g	4.65e-3	lbs/hr	CE
Antimony	904C2R2	ND	5.00e+0	ug/g	4.65e-3	lbs/hr	CE
Antimony	904C2R3	ND	5.00e+0	ug/g	4.65e-3	lbs/hr	CE
Antimony	904C3R1	ND	5.00e+0	ug/g	4.50e-3	lbs/hr	CE
Antimony	904C3R2	ND	5.00e+0	ug/g	4.50e-3	lbs/hr	CE
Antimony	904C3R3	ND	5.00e+0	ug/g	4.53e-3	lbs/hr	CE
Arsenic	904C2R1	ND	5.00e-1	ug/g	4.65e-4	lbs/hr	CE
Arsenic	904C2R2	ND	5.00e-1	ug/g	4.65e-4	lbs/hr	CE
Arsenic	904C2R3	ND	5.00e-1	ug/g	4.65e-4	lbs/hr	CE
Arsenic	904C3R1	ND	5.00e-1	ug/g	4.50e-4	lbs/hr	CE
Arsenic	904C3R2	ND	5.00e-1	ug/g	4.50e-4	lbs/hr	CE
Arsenic	904C3R3	ND	5.00e-1	ug/g	4.52e-4	lbs/hr	CE
Barium	904C2R1	ND	5.00e+0	ug/g	4.65e-3	lbs/hr	CE
Barium	904C2R2	ND	5.00e+0	ug/g	4.65e-3	lbs/hr	CE
Barium	904C2R3	ND	5.00e+0	ug/g	4.65e-3	lbs/hr	CE
Barium	904C3R1	ND	5.00e+0	ug/g	4.50e-3	lbs/hr	CE
Barium	904C3R2	ND	5.00e+0	ug/g	4.50e-3	lbs/hr	CE
Barium	904C3R3	ND	5.00e+0	ug/g	4.53e-3	lbs/hr	CE

SECTION 8: OTHER STREAM ANALYSES

1. COMPANY: FIRST CHEMICAL CORPORATION
 2. STATE: MS
 3. CITY: PASCAGOULA
 4. EP ID: 904 DEVICE NAME:

EPA ID: MSD033417031
 SYSTEM TYPE: ONSITE INCINERATOR

APC SYSTEM: ? REGION: 4

Beryllium	904C2R1	ND	1.00e-1	ug/g	9.30e-5	lbs/hr	CE
Beryllium	904C2R2	ND	1.00e-1	ug/g	9.30e-5	lbs/hr	CE
Beryllium	904C2R3	ND	1.00e-1	ug/g	9.30e-5	lbs/hr	CE
Beryllium	904C3R1	ND	1.00e-1	ug/g	9.00e-5	lbs/hr	CE
Beryllium	904C3R2	ND	1.00e-1	ug/g	9.00e-5	lbs/hr	CE
Beryllium	904C3R3	ND	1.00e-1	ug/g	9.05e-5	lbs/hr	CE
Cadmium	904C2R1	ND	5.00e-1	ug/g	4.65e-4	lbs/hr	CE
Cadmium	904C2R2	ND	5.00e-1	ug/g	4.65e-4	lbs/hr	CE
Cadmium	904C2R3	ND	5.00e-1	ug/g	4.65e-4	lbs/hr	CE
Cadmium	904C3R1	ND	5.00e-1	ug/g	4.50e-4	lbs/hr	CE
Cadmium	904C3R2	ND	5.00e-1	ug/g	4.50e-4	lbs/hr	CE
Cadmium	904C3R3	ND	5.00e-1	ug/g	4.52e-4	lbs/hr	CE
Chromium	904C2R1	ND	5.00e-1	ug/g	4.65e-4	lbs/hr	CE
Chromium	904C2R2	ND	5.00e-1	ug/g	4.65e-4	lbs/hr	CE
Chromium	904C2R3	ND	5.00e-1	ug/g	4.65e-4	lbs/hr	CE
Chromium	904C3R1	ND	5.00e-1	ug/g	4.50e-4	lbs/hr	CE
Chromium	904C3R2	ND	5.00e-1	ug/g	4.50e-4	lbs/hr	CE
Chromium	904C3R3	ND	5.00e-1	ug/g	4.52e-4	lbs/hr	CE
Lead	904C2R1	ND	5.00e+0	ug/g	4.65e-3	lbs/hr	CE
Lead	904C2R2	ND	5.00e+0	ug/g	4.65e-3	lbs/hr	CE
Lead	904C2R3	ND	5.00e+0	ug/g	4.65e-3	lbs/hr	CE
Lead	904C3R1	ND	5.00e+0	ug/g	4.50e-3	lbs/hr	CE
Lead	904C3R2	ND	5.00e+0	ug/g	4.50e-3	lbs/hr	CE
Lead	904C3R3	ND	5.00e+0	ug/g	4.53e-3	lbs/hr	CE
Mercury	904C2R1	ND	2.00e-3	ug/g	1.86e-6	lbs/hr	CE
Mercury	904C2R2	ND	2.00e-3	ug/g	1.86e-6	lbs/hr	CE
Mercury	904C2R3	ND	2.00e-3	ug/g	1.86e-6	lbs/hr	CE
Mercury	904C3R1	ND	2.00e-3	ug/g	1.80e-6	lbs/hr	CE
Mercury	904C3R2	ND	2.00e-3	ug/g	1.80e-6	lbs/hr	CE
Mercury	904C3R3	ND	2.00e-3	ug/g	1.81e-6	lbs/hr	CE
Silver	904C2R1	ND	5.00e+0	ug/g	4.65e-3	lbs/hr	CE
Silver	904C2R2	ND	5.00e+0	ug/g	4.65e-3	lbs/hr	CE
Silver	904C2R3	ND	5.00e+0	ug/g	4.65e-3	lbs/hr	CE
Silver	904C3R1	ND	5.00e+0	ug/g	4.50e-3	lbs/hr	CE
Silver	904C3R2	ND	5.00e+0	ug/g	4.50e-3	lbs/hr	CE
Silver	904C3R3	ND	5.00e+0	ug/g	4.53e-3	lbs/hr	CE
Thallium	904C2R1	ND	5.00e-1	ug/g	4.65e-4	lbs/hr	CE
Thallium	904C2R2	ND	5.00e-1	ug/g	4.65e-4	lbs/hr	CE
Thallium	904C2R3	ND	5.00e-1	ug/g	4.65e-4	lbs/hr	CE
Thallium	904C3R1	ND	5.00e-1	ug/g	4.50e-4	lbs/hr	CE
Thallium	904C3R2	ND	5.00e-1	ug/g	4.50e-4	lbs/hr	CE
Thallium	904C3R3	ND	5.00e-1	ug/g	4.52e-4	lbs/hr	CE

7. Category: SVOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate	Calc	
Dinitrocresol	904C2R1	1.62e+4	ug/g	1.51e+1	lbs/hr	CE
Dinitrocresol	904C2R2	1.76e+4	ug/g	1.64e+1	lbs/hr	CE
Dinitrocresol	904C2R3	2.20e+4	ug/g	2.05e+1	lbs/hr	CE
Dinitrocresol	904C3R1	2.70e+4	ug/g	2.43e+1	lbs/hr	CE
Dinitrocresol	904C3R2	3.01e+4	ug/g	2.71e+1	lbs/hr	CE
Dinitrocresol	904C3R3	2.01e+4	ug/g	1.82e+1	lbs/hr	CE
Dinitrophenol	904C2R1	2.69e+4	ug/g	2.50e+1	lbs/hr	CE
Dinitrophenol	904C2R2	4.23e+4	ug/g	3.93e+1	lbs/hr	CE
Dinitrophenol	904C2R3	3.78e+4	ug/g	3.52e+1	lbs/hr	CE
Dinitrophenol	904C3R1	3.79e+4	ug/g	3.41e+1	lbs/hr	CE
Dinitrophenol	904C3R2	3.30e+4	ug/g	2.97e+1	lbs/hr	CE
Dinitrophenol	904C3R3	2.35e+4	ug/g	2.13e+1	lbs/hr	CE
Nitrobenzene	904C2R1	2.88e+5	ug/g	2.68e+2	lbs/hr	CE
Nitrobenzene	904C2R2	2.84e+5	ug/g	2.64e+2	lbs/hr	CE
Nitrobenzene	904C2R3	3.00e+5	ug/g	2.79e+2	lbs/hr	CE
Nitrobenzene	904C3R1	3.02e+5	ug/g	2.72e+2	lbs/hr	CE
Nitrobenzene	904C3R2	3.19e+5	ug/g	2.87e+2	lbs/hr	CE
Nitrobenzene	904C3R3	3.08e+5	ug/g	2.79e+2	lbs/hr	CE

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate	Calc	
Toluene	904C2R1	2.60e+5	ug/g	2.42e+2	lbs/hr	CE

SECTION 8: OTHER STREAM ANALYSES

1. COMPANY: FIRST CHEMICAL CORPORATION

2. STATE: MS

3. CITY: PASCAGOULA

EPA MSD033417031

REGION: 4

4. EP ID: 904 DEVICE NAME:

SYSTEM TYPE: ONSITE INCINERATOR

APC SYSTEM: ?

Toluene	904C2R2	2.70e+5	ug/g	2.51e+2	lbs/hr	CE
Toluene	904C2R3	4.40e+5	ug/g	4.09e+2	lbs/hr	CE
Toluene	904C3R1	2.80e+5	ug/g	2.52e+2	lbs/hr	CE
Toluene	904C3R2	2.40e+5	ug/g	2.16e+2	lbs/hr	CE
Toluene	904C3R3	2.10e+5	ug/g	1.90e+2	lbs/hr	CE

US EPA ARCHIVE DOCUMENT

SECTION 8: OTHER STREAM ANALYSES

1. COMPANY: GENERAL ELECTRIC CO.
 2. STATE: MA
 3. CITY: PITTSFIELD
 4. EP ID: 330 DEVICE NAME:

EPA ID: MAD002084093
 SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: QT/WS/DM

REGION: 1

5. Type: FUEL

6. Description: OIL
 Group: LIQUID INJECTION Location: PRIMARY CHAMBER Phase: LIQUID

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate	Calc
Chlorine	330C1B1	2.95e+5	ug/g	0.00e+0	
Chlorine	330C1B2	2.95e+5	ug/g	0.00e+0	
Chlorine	330C1B3	2.95e+5	ug/g	0.00e+0	
Chlorine	330C1R1	3.03e+5	ug/g	3.85e+2 lbs/hr	CE
Chlorine	330C1R2	3.16e+5	ug/g	4.11e+2 lbs/hr	CE
Chlorine	330C1R3	3.20e+5	ug/g	4.16e+2 lbs/hr	CE
Chlorine	330C1R7	3.10e+5	ug/g	0.00e+0	
Chlorine	330C1R8	3.10e+5	ug/g	0.00e+0	
Chlorine	330C1R9	3.10e+5	ug/g	0.00e+0	
Chlorine	330C2R1	3.08e+5	ug/g	3.91e+2 lbs/hr	CE
Chlorine	330C2R2	2.73e+5	ug/g	3.36e+2 lbs/hr	CE
Chlorine	330C2R3	2.68e+5	ug/g	3.27e+2 lbs/hr	CE

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate	Calc
Antimony	330C1R4	ND	2.50e-1 mg/l	1.25e-6 lbs/hr	
Antimony	330C1R5	ND	2.50e-1 mg/l	1.25e-6 lbs/hr	
Antimony	330C1R6	ND	2.50e-1 mg/l	2.89e-4 lbs/hr	
Antimony	330C2R4	ND	2.20e-1 mg/l	2.47e-4 lbs/hr	
Antimony	330C2R5	ND	2.20e-1 mg/l	2.50e-4 lbs/hr	
Antimony	330C2R6	ND	2.20e-1 mg/l	2.46e-4 lbs/hr	
Arsenic	330C1R4		4.00e-2 mg/l	2.00e-7 lbs/hr	
Arsenic	330C1R5		4.00e-2 mg/l	2.00e-7 lbs/hr	
Arsenic	330C1R6		3.00e-2 mg/l	3.47e-5 lbs/hr	
Arsenic	330C2R4	ND	1.00e-2 mg/l	1.13e-5 lbs/hr	
Arsenic	330C2R5		1.00e-2 mg/l	1.13e-5 lbs/hr	
Arsenic	330C2R6		2.00e-2 mg/l	2.24e-5 lbs/hr	
Barium	330C1R4		1.00e+0 mg/l	5.00e-6 lbs/hr	
Barium	330C1R5		1.10e+0 mg/l	5.50e-6 lbs/hr	
Barium	330C1R6		1.20e+0 mg/l	1.39e-3 lbs/hr	
Barium	330C2R4		9.60e-1 mg/l	1.08e-3 lbs/hr	
Barium	330C2R5		7.90e-1 mg/l	8.97e-4 lbs/hr	
Barium	330C2R6		8.90e-1 mg/l	9.97e-4 lbs/hr	
Beryllium	330C1R4	ND	1.00e-3 mg/l	5.00e-9 lbs/hr	
Beryllium	330C1R5	ND	1.00e-3 mg/l	5.00e-9 lbs/hr	
Beryllium	330C1R6	ND	1.00e-3 mg/l	1.15e-6 lbs/hr	
Beryllium	330C2R4	ND	1.00e-3 mg/l	1.13e-6 lbs/hr	
Beryllium	330C2R5	ND	1.00e-3 mg/l	1.13e-6 lbs/hr	
Beryllium	330C2R6	ND	1.00e-3 mg/l	1.12e-6 lbs/hr	
Cadmium	330C1R4		1.40e-1 mg/l	7.00e-7 lbs/hr	
Cadmium	330C1R5		1.50e-1 mg/l	7.50e-7 lbs/hr	
Cadmium	330C1R6		1.80e-1 mg/l	2.08e-4 lbs/hr	
Cadmium	330C2R4		6.00e-2 mg/l	6.75e-5 lbs/hr	
Cadmium	330C2R5		5.00e-2 mg/l	5.67e-5 lbs/hr	
Cadmium	330C2R6		6.00e-2 mg/l	6.72e-5 lbs/hr	
Chromium	330C1R4		1.90e-1 mg/l	9.50e-7 lbs/hr	
Chromium	330C1R5		1.90e-1 mg/l	9.50e-7 lbs/hr	
Chromium	330C1R6		2.20e-1 mg/l	2.54e-4 lbs/hr	
Chromium	330C2R4		3.00e-1 mg/l	3.38e-4 lbs/hr	
Chromium	330C2R5		2.40e-1 mg/l	2.72e-4 lbs/hr	
Chromium	330C2R6		2.70e-1 mg/l	3.02e-4 lbs/hr	
Lead	330C1R4		3.60e+0 mg/l	1.80e-5 lbs/hr	
Lead	330C1R6		4.20e+0 mg/l	4.85e-3 lbs/hr	
Lead	330C2R4		3.50e+0 mg/l	3.94e-3 lbs/hr	
Lead	330C2R5		2.90e+0 mg/l	3.29e-3 lbs/hr	
Lead	330C2R6		3.36e+0 mg/l	3.76e-3 lbs/hr	
Mercury	330C1R4	ND	2.00e-3 mg/l	1.00e-8 lbs/hr	
Mercury	330C1R6	ND	2.00e-3 mg/l	2.31e-6 lbs/hr	
Mercury	330C2R4	ND	2.00e-3 mg/l	2.25e-6 lbs/hr	
Mercury	330C2R5	ND	2.00e-3 mg/l	2.27e-6 lbs/hr	
Mercury	330C2R6	ND	2.00e-3 mg/l	2.24e-6 lbs/hr	

SECTION 8: OTHER STREAM ANALYSES

1. COMPANY: GENERAL ELECTRIC CO.
 2. STATE: MA
 3. CITY: PITTSFIELD
 4. EP ID: 330 DEVICE NAME:

EPA MAD002084093
 SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: QT/WS/DM

REGION: 1

Nickel	330C1R4	1.70e-1	mg/l	8.50e-7	lbs/hr	
Nickel	330C1R5	2.00e-1	mg/l	1.00e-6	lbs/hr	
Nickel	330C1R6	2.20e-1	mg/l	2.54e-4	lbs/hr	
Nickel	330C2R4	1.80e-1	mg/l	2.02e-4	lbs/hr	
Nickel	330C2R5	1.40e-1	mg/l	1.59e-4	lbs/hr	
Nickel	330C2R6	1.80e-1	mg/l	2.02e-4	lbs/hr	
Selenium	330C1R4	ND	1.00e-2	mg/l	5.00e-8	lbs/hr
Selenium	330C1R5	ND	1.00e-2	mg/l	5.00e-8	lbs/hr
Selenium	330C1R6	ND	1.00e-2	mg/l	1.15e-5	lbs/hr
Selenium	330C2R4	ND	1.00e-2	mg/l	1.13e-5	lbs/hr
Selenium	330C2R5	ND	1.00e-2	mg/l	1.13e-5	lbs/hr
Selenium	330C2R6	ND	1.00e-2	mg/l	1.12e-5	lbs/hr
Thallium	330C1R4	ND	1.00e-2	mg/l	5.00e-8	lbs/hr
Thallium	330C1R5	ND	1.00e-2	mg/l	5.00e-8	lbs/hr
Thallium	330C1R6	ND	1.00e-2	mg/l	1.15e-5	lbs/hr
Thallium	330C2R4	ND	1.00e-2	mg/l	1.13e-5	lbs/hr
Thallium	330C2R5	ND	1.00e-2	mg/l	1.13e-5	lbs/hr
Thallium	330C2R6	ND	1.00e-2	mg/l	1.12e-5	lbs/hr

7. Category: PCB

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate	Calc	
PCBs	330C1R1	2.86e+5	ug/g	3.63e+2	lbs/hr	CC
PCBs	330C1R2	2.59e+5	ug/g	3.37e+2	lbs/hr	CC
PCBs	330C1R3	2.66e+5	ug/g	3.46e+2	lbs/hr	CC
PCBs	330C2R1	2.58e+5	ug/g	3.27e+2	lbs/hr	CE
PCBs	330C2R2	2.79e+5	ug/g	3.43e+2	lbs/hr	CE
PCBs	330C2R3	2.50e+5	ug/g	3.06e+2	lbs/hr	CE

7. Category: SVOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate	Calc	
1,2,3,5-Tetrachlorobenzene	330C1R1	6.98e+3	ug/g	8.87e+0	lbs/hr	CC
1,2,3,5-Tetrachlorobenzene	330C1R2	6.49e+3	ug/g	8.44e+0	lbs/hr	CC
1,2,3,5-Tetrachlorobenzene	330C1R3	6.48e+3	ug/g	8.43e+0	lbs/hr	CC
1,2,3,5-Tetrachlorobenzene	330C2R1	9.90e+3	ug/g	1.26e+1	lbs/hr	CE
1,2,3,5-Tetrachlorobenzene	330C2R2	7.80e+3	ug/g	9.59e+0	lbs/hr	CE
1,2,3,5-Tetrachlorobenzene	330C2R3	8.60e+3	ug/g	1.05e+1	lbs/hr	CE
1,2,4-Trichlorobenzene	330C1R1	1.21e+5	ug/g	1.54e+2	lbs/hr	CC
1,2,4-Trichlorobenzene	330C1R2	1.38e+5	ug/g	1.79e+2	lbs/hr	CC
1,2,4-Trichlorobenzene	330C1R3	1.18e+5	ug/g	1.53e+2	lbs/hr	CC
1,2,4-Trichlorobenzene	330C2R1	1.82e+5	ug/g	2.31e+2	lbs/hr	CE
1,2,4-Trichlorobenzene	330C2R2	1.66e+5	ug/g	2.04e+2	lbs/hr	CE
1,2,4-Trichlorobenzene	330C2R3	1.89e+5	ug/g	2.30e+2	lbs/hr	CE

5. Type: WASTE

6. Description: WATER
 Group: LIQUID INJECTION

Location: PRIMARY CHAMBER

Phase: LIQUID

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate	Calc	
Chlorine	330C2R1	2.70e+3	ug/g	9.56e-1	lbs/hr	CE
Chlorine	330C2R2	2.50e+3	ug/g	8.85e-1	lbs/hr	CE
Chlorine	330C2R3	3.20e+3	ug/g	1.13e+0	lbs/hr	CE

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate	Calc	
Antimony	330C2R4	1.60e-1	mg/l	5.68e-5	lbs/hr	
Antimony	330C2R5	1.60e-1	mg/l	5.68e-5	lbs/hr	
Antimony	330C2R6	1.60e-1	mg/l	5.68e-5	lbs/hr	
Arsenic	330C2R4	8.80e-2	mg/l	3.12e-5	lbs/hr	
Arsenic	330C2R5	8.60e-2	mg/l	3.05e-5	lbs/hr	
Arsenic	330C2R6	8.50e-2	mg/l	3.02e-5	lbs/hr	

SECTION 8: OTHER STREAM ANALYSES

1. COMPANY: GENERAL ELECTRIC CO.
 2. STATE: MA
 3. CITY: PITTSFIELD
 4. EP ID: 330 DEVICE NAME:

EPA ID: MAD002084093
 SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: QT/WS/DM

REGION: 1

Barium	330C2R4	4.80e-1	mg/l	1.70e-4	lbs/hr	
Barium	330C2R5	4.80e-1	mg/l	1.70e-4	lbs/hr	
Barium	330C2R6	4.50e-1	mg/l	1.60e-4	lbs/hr	
Beryllium	330C2R4	4.00e-4	mg/l	1.42e-7	lbs/hr	
Beryllium	330C2R5	5.00e-4	mg/l	1.77e-7	lbs/hr	
Beryllium	330C2R6	4.00e-4	mg/l	1.42e-7	lbs/hr	
Cadmium	330C2R4	2.44e+0	mg/l	8.66e-4	lbs/hr	
Cadmium	330C2R5	2.44e+0	mg/l	8.66e-4	lbs/hr	
Cadmium	330C2R6	2.33e+0	mg/l	8.27e-4	lbs/hr	
Chromium	330C2R4	3.60e-1	mg/l	1.28e-4	lbs/hr	
Chromium	330C2R5	3.50e-1	mg/l	1.24e-4	lbs/hr	
Chromium	330C2R6	3.20e-1	mg/l	1.14e-4	lbs/hr	
Lead	330C2R4	2.87e+0	mg/l	1.02e-3	lbs/hr	
Lead	330C2R5	2.81e+0	mg/l	9.98e-4	lbs/hr	
Lead	330C2R6	2.63e+0	mg/l	9.34e-4	lbs/hr	
Mercury	330C2R4	ND	2.00e-4	mg/l	7.10e-8	lbs/hr
Mercury	330C2R5		2.60e-3	mg/l	9.23e-7	lbs/hr
Mercury	330C2R6		2.80e-3	mg/l	9.94e-7	lbs/hr
Nickel	330C2R4		2.77e+0	mg/l	9.83e-4	lbs/hr
Nickel	330C2R5		2.80e+0	mg/l	9.94e-4	lbs/hr
Nickel	330C2R6		2.70e+0	mg/l	9.59e-4	lbs/hr
Selenium	330C2R4	ND	2.00e-3	mg/l	7.10e-7	lbs/hr
Selenium	330C2R5	ND	2.00e-3	mg/l	7.10e-7	lbs/hr
Selenium	330C2R6	ND	2.00e-3	mg/l	7.10e-7	lbs/hr
Thallium	330C2R4		2.00e-3	mg/l	7.10e-7	lbs/hr
Thallium	330C2R5	ND	2.00e-3	mg/l	7.10e-7	lbs/hr
Thallium	330C2R6	ND	2.00e-3	mg/l	7.10e-7	lbs/hr

7. Category: PCB

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
PCBs	330C2R1	7.70e+2 ug/g	2.73e-1 lbs/hr	CE
PCBs	330C2R2	8.80e+2 ug/g	3.12e-1 lbs/hr	CE
PCBs	330C2R3	4.60e+2 ug/g	1.63e-1 lbs/hr	CE

7. Category: SVOC

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
1,2,3,5-Tetrachlorobenzene	330C2R1	9.00e+0 ug/g	3.19e-3 lbs/hr	CE
1,2,3,5-Tetrachlorobenzene	330C2R2	1.20e+1 ug/g	4.25e-3 lbs/hr	CE
1,2,3,5-Tetrachlorobenzene	330C2R3	4.50e+0 ug/g	1.59e-3 lbs/hr	CE
1,2,4-Trichlorobenzene	330C2R1	3.00e+2 ug/g	1.06e-1 lbs/hr	CE
1,2,4-Trichlorobenzene	330C2R2	3.10e+2 ug/g	1.10e-1 lbs/hr	CE
1,2,4-Trichlorobenzene	330C2R3	1.40e+2 ug/g	4.96e-2 lbs/hr	CE

US EPA ARCHIVE DOCUMENT

SECTION 8: OTHER STREAM ANALYSES

1. COMPANY: GENERAL ELECTRIC CO.

2. STATE: NY

3. CITY: WATERFORD

EPA ID: NYD002080034

REGION: 2

4. EP ID: 825 DEVICE NAME: ROTARY KILN INCINER

SYSTEM TYPE: ONSITE INCINERATOR

APC SYSTEM: CCS/QC/ESP

5. Type: WASTE

6. Description: PCB LIQUID

Group: ROTARY KILN

Location: PRIMARY CHAMBER

Phase: LIQUID

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate	Calc
Chlorine	825C1R1	4.54e+5	ug/g	1.22e+3 lbs/hr	CE
Chlorine	825C1R2	3.71e+5	ug/g	8.56e+2 lbs/hr	CE
Chlorine	825C1R3	3.78e+5	ug/g	9.10e+2 lbs/hr	CE
Chlorine	825C1R4	3.68e+5	ug/g	8.31e+2 lbs/hr	CE

7. Category: PCB

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate	Calc
Decachlorinated biphenyls	825C1R1	ND	9.00e+2 ug/g	2.42e+0 lbs/hr	CE
Decachlorinated biphenyls	825C1R2	ND	9.00e+2 ug/g	2.08e+0 lbs/hr	CE
Decachlorinated biphenyls	825C1R3	ND	9.00e+2 ug/g	2.16e+0 lbs/hr	CE
Decachlorinated biphenyls	825C1R4	ND	9.00e+2 ug/g	2.03e+0 lbs/hr	CE
Dichlorinated biphenyls	825C1R1		2.50e+2 ug/g	6.72e-1 lbs/hr	CE
Dichlorinated biphenyls	825C1R2		8.00e+1 ug/g	1.85e-1 lbs/hr	CE
Dichlorinated biphenyls	825C1R3		1.40e+2 ug/g	3.37e-1 lbs/hr	CE
Dichlorinated biphenyls	825C1R4		1.40e+2 ug/g	3.16e-1 lbs/hr	CE
Heptachlorinated biphenyls	825C1R1		1.30e+5 ug/g	3.50e+2 lbs/hr	CE
Heptachlorinated biphenyls	825C1R2		1.10e+5 ug/g	2.54e+2 lbs/hr	CE
Heptachlorinated biphenyls	825C1R3		1.10e+5 ug/g	2.65e+2 lbs/hr	CE
Heptachlorinated biphenyls	825C1R4		9.30e+4 ug/g	2.10e+2 lbs/hr	CE
Hexachlorinated biphenyls	825C1R1		1.60e+5 ug/g	4.30e+2 lbs/hr	CE
Hexachlorinated biphenyls	825C1R2		1.30e+5 ug/g	3.00e+2 lbs/hr	CE
Hexachlorinated biphenyls	825C1R3		1.40e+5 ug/g	3.37e+2 lbs/hr	CE
Hexachlorinated biphenyls	825C1R4		1.10e+5 ug/g	2.49e+2 lbs/hr	CE
Monochlorinated biphenyls	825C1R1	ND	1.50e+2 ug/g	4.04e-1 lbs/hr	CE
Monochlorinated biphenyls	825C1R2	ND	1.50e+2 ug/g	3.46e-1 lbs/hr	CE
Monochlorinated biphenyls	825C1R3	ND	1.50e+2 ug/g	3.61e-1 lbs/hr	CE
Monochlorinated biphenyls	825C1R4	ND	1.50e+2 ug/g	3.39e-1 lbs/hr	CE
Nonachlorinated biphenyls	825C1R1	ND	8.00e+2 ug/g	2.15e+0 lbs/hr	CE
Nonachlorinated biphenyls	825C1R2	ND	8.00e+2 ug/g	1.85e+0 lbs/hr	CE
Nonachlorinated biphenyls	825C1R3	ND	8.00e+2 ug/g	1.92e+0 lbs/hr	CE
Nonachlorinated biphenyls	825C1R4	ND	8.00e+2 ug/g	1.81e+0 lbs/hr	CE
Octachlorinated biphenyls	825C1R1		2.10e+4 ug/g	5.65e+1 lbs/hr	CE
Octachlorinated biphenyls	825C1R2		1.80e+4 ug/g	4.15e+1 lbs/hr	CE
Octachlorinated biphenyls	825C1R3		1.50e+4 ug/g	3.61e+1 lbs/hr	CE
Octachlorinated biphenyls	825C1R4		1.40e+4 ug/g	3.16e+1 lbs/hr	CE
PCBs	825C1R1		3.90e+5 ug/g	1.05e+3 lbs/hr	CE
PCBs	825C1R2		3.20e+5 ug/g	7.39e+2 lbs/hr	CE
PCBs	825C1R3		3.60e+5 ug/g	8.66e+2 lbs/hr	CE
PCBs	825C1R4		3.00e+5 ug/g	6.78e+2 lbs/hr	CE
Pentachlorinated biphenyls	825C1R1		6.60e+4 ug/g	1.78e+2 lbs/hr	CE
Pentachlorinated biphenyls	825C1R2		5.10e+4 ug/g	1.18e+2 lbs/hr	CE
Pentachlorinated biphenyls	825C1R3		7.80e+4 ug/g	1.88e+2 lbs/hr	CE
Pentachlorinated biphenyls	825C1R4		6.60e+4 ug/g	1.49e+2 lbs/hr	CE
Tetrachlorinated biphenyls	825C1R1		1.50e+4 ug/g	4.04e+1 lbs/hr	CE
Tetrachlorinated biphenyls	825C1R2		9.40e+3 ug/g	2.17e+1 lbs/hr	CE
Tetrachlorinated biphenyls	825C1R3		1.80e+4 ug/g	4.33e+1 lbs/hr	CE
Tetrachlorinated biphenyls	825C1R4		1.60e+4 ug/g	3.62e+1 lbs/hr	CE
Trichlorinated biphenyls	825C1R1		7.00e+2 ug/g	1.88e+0 lbs/hr	CE
Trichlorinated biphenyls	825C1R2		3.60e+2 ug/g	8.31e-1 lbs/hr	CE
Trichlorinated biphenyls	825C1R3		5.00e+2 ug/g	1.20e+0 lbs/hr	CE
Trichlorinated biphenyls	825C1R4		6.70e+2 ug/g	1.51e+0 lbs/hr	CE

7. Category: SVOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate	Calc
Pentachlorobenzene	825C1R1	3.70e+3	ug/g	9.95e+0 lbs/hr	CE
Pentachlorobenzene	825C1R2	3.20e+3	ug/g	7.39e+0 lbs/hr	CE
Pentachlorobenzene	825C1R3	5.30e+3	ug/g	1.27e+1 lbs/hr	CE

US EPA ARCHIVE DOCUMENT

SECTION 8: OTHER STREAM ANALYSES

1. COMPANY: GENERAL ELECTRIC CO.

2. STATE: NY

3. CITY: WATERFORD

EPA ID: NYD002080034

REGION: 2

4. EP ID: 825 DEVICE NAME: ROTARY KILN INCINER

SYSTEM TYPE: ONSITE INCINERATOR

APC SYSTEM: CCS/QC/ESP

Pentachlorobenzene	825C1R4	5.70e+3	ug/g	1.29e+1	lbs/hr	CE
Tetrachlorobenzene	825C1R1	2.80e+4	ug/g	7.53e+1	lbs/hr	CE
Tetrachlorobenzene	825C1R2	2.20e+4	ug/g	5.08e+1	lbs/hr	CE
Tetrachlorobenzene	825C1R3	3.80e+4	ug/g	9.14e+1	lbs/hr	CE
Tetrachlorobenzene	825C1R4	3.40e+4	ug/g	7.68e+1	lbs/hr	CE
Trichlorobenzene	825C1R1	9.70e+4	ug/g	2.61e+2	lbs/hr	CE
Trichlorobenzene	825C1R2	9.00e+4	ug/g	2.08e+2	lbs/hr	CE
Trichlorobenzene	825C1R3	1.10e+5	ug/g	2.65e+2	lbs/hr	CE
Trichlorobenzene	825C1R4	9.50e+4	ug/g	2.15e+2	lbs/hr	CE

6. Description: COMPOSITE

Group: ROTARY KILN

Location: PRIMARY CHAMBER

Phase: SLUDGE

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Chlorine	825C1R1	1.55e+5 ug/g	3.58e+2 lbs/hr	CC
Chlorine	825C1R2	1.57e+5 ug/g	4.00e+2 lbs/hr	CC
Chlorine	825C1R3	2.15e+5 ug/g	4.42e+2 lbs/hr	CC
Chlorine	825C1R4	1.02e+5 ug/g	2.76e+2 lbs/hr	CC

6. Description: PCB SOLIDS

Group: ROTARY KILN

Location: PRIMARY CHAMBER

Phase: SOLID

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Chlorine	825C1R1	8.54e+4 ug/g	5.60e+1 lbs/hr	CC
Chlorine	825C1R2	8.62e+4 ug/g	5.50e+1 lbs/hr	CC
Chlorine	825C1R3	8.54e+4 ug/g	5.40e+1 lbs/hr	CC
Chlorine	825C1R4	8.45e+4 ug/g	6.70e+1 lbs/hr	CC

7. Category: PCB

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
PCBs	825C1R1	1.42e+5 ug/g	9.30e+1 lbs/hr	CC
PCBs	825C1R2	1.43e+5 ug/g	9.10e+1 lbs/hr	CC
PCBs	825C1R3	1.42e+5 ug/g	9.00e+1 lbs/hr	CC
PCBs	825C1R4	1.41e+5 ug/g	1.12e+2 lbs/hr	CC

SECTION 8: OTHER STREAM ANALYSES

1. COMPANY: GLAXO INC.
 2. STATE: NC
 3. CITY: RESEARCH TRIANGLE PARK
 4. EP ID: 341 DEVICE NAME:

EPA ID: NCD06565599
 SYSTEM TYPE: ONSITE INCINERATOR

REGION: 4
 APC SYSTEM: DA/DI/FF/HEPA/CA

5. Type: BA ASH

6. Description: INCINERATOR
 Group: FIXED HEARTH

Location: PRIMARY CHAMBER

Phase: SOLID

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate	Calc
Antimony	341C1R2	3.41e+0	ug/g	0.00e+0	
Antimony	341C1R3	3.30e+0	ug/g	0.00e+0	
Antimony	341C2R3	ND	2.00e+0	ug/g	0.00e+0
Arsenic	341C1R2	3.81e+0	ug/g	0.00e+0	
Arsenic	341C1R3	4.60e+0	ug/g	0.00e+0	
Arsenic	341C2R3	ND	2.00e+0	ug/g	0.00e+0
Barium	341C1R2	2.82e+2	ug/g	0.00e+0	
Barium	341C1R3	2.28e+2	ug/g	0.00e+0	
Barium	341C2R3	1.25e+3	ug/g	0.00e+0	
Beryllium	341C1R2	ND	1.00e+0	ug/g	0.00e+0
Beryllium	341C1R3	ND	1.00e+0	ug/g	0.00e+0
Beryllium	341C2R3	ND	1.00e+0	ug/g	0.00e+0
Cadmium	341C1R2	ND	2.00e+0	ug/g	0.00e+0
Cadmium	341C1R3	ND	2.00e+0	ug/g	0.00e+0
Cadmium	341C2R3	ND	2.00e+0	ug/g	0.00e+0
Chromium	341C1R2	1.74e+2	ug/g	0.00e+0	
Chromium	341C1R3	1.18e+2	ug/g	0.00e+0	
Chromium	341C2R3	2.16e+1	ug/g	0.00e+0	
Lead	341C1R2	5.60e+1	ug/g	0.00e+0	
Lead	341C1R3	5.44e+1	ug/g	0.00e+0	
Lead	341C2R3	3.80e+1	ug/g	0.00e+0	
Mercury	341C1R2	ND	3.75e-2	ug/g	0.00e+0
Mercury	341C1R3	ND	3.19e-2	ug/g	0.00e+0
Mercury	341C2R3	ND	1.97e-2	ug/g	0.00e+0
Silver	341C1R2	8.35e+0	ug/g	0.00e+0	
Silver	341C1R3	3.27e+0	ug/g	0.00e+0	
Silver	341C2R3	ND	2.00e+0	ug/g	0.00e+0
Thallium	341C1R2	ND	2.00e+0	ug/g	0.00e+0
Thallium	341C1R3	ND	2.00e+0	ug/g	0.00e+0
Thallium	341C2R3	ND	2.00e+0	ug/g	0.00e+0

7. Category: SVOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate	Calc
Dichlorobenzene	341C1R2	ND	1.00e+2	ug/g	0.00e+0
Dichlorobenzene	341C1R3	ND	1.00e+2	ug/g	0.00e+0
Dichlorobenzene	341C2R3	ND	1.00e+2	ug/g	0.00e+0
Hexachlorobenzene	341C1R2	ND	5.00e+1	ug/g	0.00e+0
Hexachlorobenzene	341C1R3	ND	5.00e+1	ug/g	0.00e+0
Hexachlorobenzene	341C2R3	ND	5.00e+1	ug/g	0.00e+0

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate	Calc
Carbon Tetrachloride	341C1R2	2.40e+3	ug/g	0.00e+0	
Carbon Tetrachloride	341C1R3	ND	5.00e+1	ug/g	0.00e+0
Carbon Tetrachloride	341C2R3	1.44e+3	ug/g	0.00e+0	

5. Type: WASTE

6. Description:
 Group: FIXED HEARTH

Location: PRIMARY CHAMBER

Phase: LIQUID

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate	Calc
Chlorine	341C1R1	3.06e+4	ug/g	4.84e+0 lbs/hr	CE

SECTION 8: OTHER STREAM ANALYSES

1. COMPANY: GLAXO INC.
 2. STATE: NC
 3. CITY: RESEARCH TRIANGLE PARK
 4. EP ID: 341 DEVICE NAME:

EPA ID: NCD065655599
 SYSTEM TYPE: ONSITE INCINERATOR

REGION: 4
 APC SYSTEM: DA/DI/FF/HEPA/CA

Chlorine	341C1R2	3.07e+4	ug/g	6.35e+0	lbs/hr	CE
Chlorine	341C1R3	3.26e+4	ug/g	7.17e+0	lbs/hr	CE
Chlorine	341C2R1	7.23e+4	ug/g	1.68e+1	lbs/hr	CE
Chlorine	341C2R2	7.61e+4	ug/g	1.77e+1	lbs/hr	CE
Chlorine	341C2R3	9.02e+4	ug/g	2.09e+1	lbs/hr	CE

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Antimony	341C1R1	ND	2.00e+0 ug/g	3.16e-4	lbs/hr	CE
Antimony	341C1R2	ND	2.00e+0 ug/g	4.14e-4	lbs/hr	CE
Antimony	341C1R3	ND	2.00e+0 ug/g	4.40e-4	lbs/hr	CE
Antimony	341C2R1	ND	2.00e+0 ug/g	4.65e-4	lbs/hr	CE
Antimony	341C2R2	ND	2.00e+0 ug/g	4.65e-4	lbs/hr	CE
Antimony	341C2R3	ND	2.00e+0 ug/g	4.64e-4	lbs/hr	CE
Arsenic	341C1R1	ND	2.00e+0 ug/g	3.16e-4	lbs/hr	CE
Arsenic	341C1R2	ND	2.00e+0 ug/g	4.14e-4	lbs/hr	CE
Arsenic	341C1R3	ND	2.00e+0 ug/g	4.40e-4	lbs/hr	CE
Arsenic	341C2R1	ND	2.00e+0 ug/g	4.65e-4	lbs/hr	CE
Arsenic	341C2R2	ND	2.00e+0 ug/g	4.65e-4	lbs/hr	CE
Arsenic	341C2R3	ND	2.00e+0 ug/g	4.64e-4	lbs/hr	CE
Barium	341C1R1	ND	2.00e+0 ug/g	3.16e-4	lbs/hr	CE
Barium	341C1R2	ND	2.00e+0 ug/g	4.14e-4	lbs/hr	CE
Barium	341C1R3	ND	2.00e+0 ug/g	4.40e-4	lbs/hr	CE
Barium	341C2R1	ND	2.00e+0 ug/g	4.65e-4	lbs/hr	CE
Barium	341C2R2	ND	2.00e+0 ug/g	4.65e-4	lbs/hr	CE
Barium	341C2R3	ND	2.00e+0 ug/g	4.64e-4	lbs/hr	CE
Beryllium	341C1R1	ND	1.00e+0 ug/g	1.58e-4	lbs/hr	CE
Beryllium	341C1R2	ND	1.00e+0 ug/g	2.07e-4	lbs/hr	CE
Beryllium	341C1R3	ND	1.00e+0 ug/g	2.20e-4	lbs/hr	CE
Beryllium	341C2R1	ND	1.00e+0 ug/g	2.33e-4	lbs/hr	CE
Beryllium	341C2R2	ND	1.00e+0 ug/g	2.32e-4	lbs/hr	CE
Beryllium	341C2R3	ND	1.00e+0 ug/g	2.32e-4	lbs/hr	CE
Cadmium	341C1R1	ND	2.00e+0 ug/g	3.16e-4	lbs/hr	CE
Cadmium	341C1R2	ND	2.00e+0 ug/g	4.14e-4	lbs/hr	CE
Cadmium	341C1R3	ND	2.00e+0 ug/g	4.40e-4	lbs/hr	CE
Cadmium	341C2R1	ND	2.00e+0 ug/g	4.65e-4	lbs/hr	CE
Cadmium	341C2R2	ND	2.00e+0 ug/g	4.65e-4	lbs/hr	CE
Cadmium	341C2R3	ND	2.00e+0 ug/g	4.64e-4	lbs/hr	CE
Chromium	341C1R1	ND	2.84e+0 ug/g	4.49e-4	lbs/hr	CE
Chromium	341C1R2	ND	2.00e+0 ug/g	4.14e-4	lbs/hr	CE
Chromium	341C1R3	ND	2.00e+0 ug/g	4.40e-4	lbs/hr	CE
Chromium	341C2R1	ND	2.00e+0 ug/g	4.65e-4	lbs/hr	CE
Chromium	341C2R2	ND	2.00e+0 ug/g	4.65e-4	lbs/hr	CE
Chromium	341C2R3	ND	2.00e+0 ug/g	4.64e-4	lbs/hr	CE
Lead	341C1R1	ND	2.00e+0 ug/g	3.16e-4	lbs/hr	CE
Lead	341C1R2	ND	2.00e+0 ug/g	4.14e-4	lbs/hr	CE
Lead	341C1R3	ND	2.00e+0 ug/g	4.40e-4	lbs/hr	CE
Lead	341C2R1	ND	2.00e+0 ug/g	4.65e-4	lbs/hr	CE
Lead	341C2R2	ND	2.00e+0 ug/g	4.65e-4	lbs/hr	CE
Lead	341C2R3	ND	2.00e+0 ug/g	4.64e-4	lbs/hr	CE
Mercury	341C1R1	ND	7.59e-2 ug/g	1.20e-5	lbs/hr	CE
Mercury	341C1R2	ND	7.70e-2 ug/g	1.59e-5	lbs/hr	CE
Mercury	341C1R3	ND	9.48e-2 ug/g	2.08e-5	lbs/hr	CE
Mercury	341C2R1	ND	4.64e-1 ug/g	1.08e-4	lbs/hr	CE
Mercury	341C2R2	ND	3.63e-1 ug/g	8.44e-5	lbs/hr	CE
Mercury	341C2R3	ND	1.62e-1 ug/g	3.76e-5	lbs/hr	CE
Silver	341C1R1	ND	2.00e+0 ug/g	3.16e-4	lbs/hr	CE
Silver	341C1R2	ND	2.00e+0 ug/g	4.14e-4	lbs/hr	CE
Silver	341C1R3	ND	2.00e+0 ug/g	4.40e-4	lbs/hr	CE
Silver	341C2R1	ND	2.00e+0 ug/g	4.65e-4	lbs/hr	CE
Silver	341C2R2	ND	2.00e+0 ug/g	4.65e-4	lbs/hr	CE
Silver	341C2R3	ND	2.00e+0 ug/g	4.64e-4	lbs/hr	CE
Thallium	341C1R1	ND	2.00e+0 ug/g	3.16e-4	lbs/hr	CE
Thallium	341C1R2	ND	2.00e+0 ug/g	4.14e-4	lbs/hr	CE
Thallium	341C1R3	ND	2.00e+0 ug/g	4.40e-4	lbs/hr	CE
Thallium	341C2R1	ND	2.00e+0 ug/g	4.65e-4	lbs/hr	CE
Thallium	341C2R2	ND	2.00e+0 ug/g	4.65e-4	lbs/hr	CE
Thallium	341C2R3	ND	2.00e+0 ug/g	4.64e-4	lbs/hr	CE

US EPA ARCHIVE DOCUMENT

SECTION 8: OTHER STREAM ANALYSES

1. COMPANY: GLAXO INC.
 2. STATE: NC
 3. CITY: RESEARCH TRIANGLE PARK
 4. EP ID: 341 DEVICE NAME:

EPA ID: NCD06565599
 SYSTEM TYPE: ONSITE INCINERATOR

REGION: 4
 APC SYSTEM: DA/DI/FF/HEPA/CA

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Carbon Tetrachloride	341C1R1	2.56e+4 ug/g	4.05e+0 lbs/hr	CE
Carbon Tetrachloride	341C1R2	2.64e+4 ug/g	5.46e+0 lbs/hr	CE
Carbon Tetrachloride	341C1R3	2.78e+4 ug/g	6.11e+0 lbs/hr	CE
Carbon Tetrachloride	341C2R1	6.23e+4 ug/g	1.45e+1 lbs/hr	CE
Carbon Tetrachloride	341C2R2	6.96e+4 ug/g	1.62e+1 lbs/hr	CE
Carbon Tetrachloride	341C2R3	6.94e+4 ug/g	1.61e+1 lbs/hr	CE
o-Dichlorobenzene	341C1R1	1.32e+4 ug/g	2.09e+0 lbs/hr	CE
o-Dichlorobenzene	341C1R2	1.30e+4 ug/g	2.69e+0 lbs/hr	CE
o-Dichlorobenzene	341C1R3	1.37e+4 ug/g	3.01e+0 lbs/hr	CE
o-Dichlorobenzene	341C2R1	5.60e+4 ug/g	1.30e+1 lbs/hr	CE
o-Dichlorobenzene	341C2R2	5.45e+4 ug/g	1.27e+1 lbs/hr	CE
o-Dichlorobenzene	341C2R3	5.69e+4 ug/g	1.32e+1 lbs/hr	CE

6. Description:

Group: FIXED HEARTH

Location: PRIMARY CHAMBER

Phase: SOLID

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Chlorine	341C1R1	2.53e+2 ug/g	1.38e-1 lbs/hr	CE
Chlorine	341C1R2	3.45e+2 ug/g	2.08e-1 lbs/hr	CE
Chlorine	341C1R3	4.90e+2 ug/g	2.95e-1 lbs/hr	CE
Chlorine	341C2R1	2.85e+2 ug/g	1.96e-1 lbs/hr	CE
Chlorine	341C2R2	3.65e+2 ug/g	2.43e-1 lbs/hr	CE
Chlorine	341C2R3	4.70e+2 ug/g	2.85e-1 lbs/hr	CE

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Antimony	341C1R1	ND 2.00e+0 ug/g	1.09e-3 lbs/hr	CE
Antimony	341C1R2	ND 2.00e+0 ug/g	1.21e-3 lbs/hr	CE
Antimony	341C1R3	ND 2.00e+0 ug/g	1.21e-3 lbs/hr	CE
Antimony	341C2R1	ND 2.00e+0 ug/g	1.37e-3 lbs/hr	CE
Antimony	341C2R2	ND 2.00e+0 ug/g	1.33e-3 lbs/hr	CE
Antimony	341C2R3	ND 2.00e+0 ug/g	1.21e-3 lbs/hr	CE
Arsenic	341C1R1	ND 2.00e+0 ug/g	1.09e-3 lbs/hr	CE
Arsenic	341C1R2	ND 2.00e+0 ug/g	1.21e-3 lbs/hr	CE
Arsenic	341C1R3	ND 2.00e+0 ug/g	1.21e-3 lbs/hr	CE
Arsenic	341C2R1	ND 2.00e+0 ug/g	1.37e-3 lbs/hr	CE
Arsenic	341C2R2	ND 2.00e+0 ug/g	1.33e-3 lbs/hr	CE
Arsenic	341C2R3	ND 2.00e+0 ug/g	1.21e-3 lbs/hr	CE
Barium	341C1R1	ND 2.00e+0 ug/g	1.09e-3 lbs/hr	CE
Barium	341C1R2	ND 2.00e+0 ug/g	1.21e-3 lbs/hr	CE
Barium	341C1R3	ND 2.00e+0 ug/g	1.21e-3 lbs/hr	CE
Barium	341C2R1	ND 2.00e+0 ug/g	1.37e-3 lbs/hr	CE
Barium	341C2R2	ND 2.00e+0 ug/g	1.33e-3 lbs/hr	CE
Barium	341C2R3	4.11e+0 ug/g	2.50e-3 lbs/hr	CE
Beryllium	341C1R1	ND 1.00e+0 ug/g	5.44e-4 lbs/hr	CE
Beryllium	341C1R2	ND 1.00e+0 ug/g	6.04e-4 lbs/hr	CE
Beryllium	341C1R3	ND 1.00e+0 ug/g	6.03e-4 lbs/hr	CE
Beryllium	341C2R1	ND 1.00e+0 ug/g	6.87e-4 lbs/hr	CE
Beryllium	341C2R2	ND 1.00e+0 ug/g	6.66e-4 lbs/hr	CE
Beryllium	341C2R3	ND 1.00e+0 ug/g	6.07e-4 lbs/hr	CE
Cadmium	341C1R1	ND 2.00e+0 ug/g	1.09e-3 lbs/hr	CE
Cadmium	341C1R2	ND 2.00e+0 ug/g	1.21e-3 lbs/hr	CE
Cadmium	341C1R3	ND 2.00e+0 ug/g	1.21e-3 lbs/hr	CE
Cadmium	341C2R1	ND 2.00e+0 ug/g	1.37e-3 lbs/hr	CE
Cadmium	341C2R2	ND 2.00e+0 ug/g	1.33e-3 lbs/hr	CE
Cadmium	341C2R3	ND 2.00e+0 ug/g	1.21e-3 lbs/hr	CE
Chromium	341C1R1	ND 2.00e+0 ug/g	1.09e-3 lbs/hr	CE
Chromium	341C1R2	ND 2.00e+0 ug/g	1.21e-3 lbs/hr	CE
Chromium	341C1R3	ND 2.00e+0 ug/g	1.21e-3 lbs/hr	CE
Chromium	341C2R1	ND 2.00e+0 ug/g	1.37e-3 lbs/hr	CE
Chromium	341C2R2	ND 2.00e+0 ug/g	1.33e-3 lbs/hr	CE

SECTION 8: OTHER STREAM ANALYSES

1. COMPANY: GLAXO INC.

2. STATE: NC

3. CITY: RESEARCH TRIANGLE PARK

EPA ID: NCD065655599

REGION: 4

4. EP ID: 341 DEVICE NAME:

SYSTEM TYPE: ONSITE INCINERATOR

APC SYSTEM: DA/DI/FF/HEPA/CA

Chromium	341C2R3		1.42e+1	ug/g	8.63e-3	lbs/hr	CE
Lead	341C1R1	ND	2.00e+0	ug/g	1.09e-3	lbs/hr	CE
Lead	341C1R2	ND	2.00e+0	ug/g	1.21e-3	lbs/hr	CE
Lead	341C1R3	ND	2.00e+0	ug/g	1.21e-3	lbs/hr	CE
Lead	341C2R1	ND	2.00e+0	ug/g	1.37e-3	lbs/hr	CE
Lead	341C2R2	ND	2.00e+0	ug/g	1.33e-3	lbs/hr	CE
Lead	341C2R3	ND	2.00e+0	ug/g	1.21e-3	lbs/hr	CE
Mercury	341C1R1	ND	8.75e-2	ug/g	4.76e-5	lbs/hr	CE
Mercury	341C1R2	ND	8.93e-2	ug/g	5.39e-5	lbs/hr	CE
Mercury	341C1R3	ND	6.91e-2	ug/g	4.17e-5	lbs/hr	CE
Mercury	341C2R1	ND	8.75e-2	ug/g	6.01e-5	lbs/hr	CE
Mercury	341C2R2	ND	8.93e-2	ug/g	5.95e-5	lbs/hr	CE
Mercury	341C2R3	ND	7.99e-2	ug/g	4.85e-5	lbs/hr	CE
Silver	341C1R1	ND	2.00e+0	ug/g	1.09e-3	lbs/hr	CE
Silver	341C1R2	ND	2.00e+0	ug/g	1.21e-3	lbs/hr	CE
Silver	341C1R3	ND	2.00e+0	ug/g	1.21e-3	lbs/hr	CE
Silver	341C2R1	ND	2.00e+0	ug/g	1.37e-3	lbs/hr	CE
Silver	341C2R2	ND	2.00e+0	ug/g	1.33e-3	lbs/hr	CE
Silver	341C2R3	ND	2.00e+0	ug/g	1.21e-3	lbs/hr	CE
Thallium	341C1R1	ND	2.00e+0	ug/g	1.09e-3	lbs/hr	CE
Thallium	341C1R2	ND	2.00e+0	ug/g	1.21e-3	lbs/hr	CE
Thallium	341C1R3	ND	2.00e+0	ug/g	1.21e-3	lbs/hr	CE
Thallium	341C2R1	ND	2.00e+0	ug/g	1.37e-3	lbs/hr	CE
Thallium	341C2R2	ND	2.00e+0	ug/g	1.33e-3	lbs/hr	CE
Thallium	341C2R3	ND	2.00e+0	ug/g	1.21e-3	lbs/hr	CE

7. Category: SVOC

Analysis:

8. Substance	9. Run ID		Concentration		Mass Rate		Calc
Hexachloroethane	341C1R1	ND	5.00e+3	ug/g	2.72e+0	lbs/hr	CE
Hexachloroethane	341C1R2	ND	5.00e+3	ug/g	3.02e+0	lbs/hr	CE
Hexachloroethane	341C1R3	ND	5.00e+3	ug/g	3.01e+0	lbs/hr	CE
Hexachloroethane	341C2R1	ND	5.00e+3	ug/g	3.43e+0	lbs/hr	CE
Hexachloroethane	341C2R2	ND	5.00e+3	ug/g	3.33e+0	lbs/hr	CE
Hexachloroethane	341C2R3	ND	5.00e+3	ug/g	3.04e+0	lbs/hr	CE

7. Category: VOC

Analysis:

8. Substance	9. Run ID		Concentration		Mass Rate		Calc
o-Dichlorobenzene	341C1R1		1.30e+5	ug/g	7.07e+1	lbs/hr	CE
o-Dichlorobenzene	341C1R2		1.14e+4	ug/g	6.88e+0	lbs/hr	CE
o-Dichlorobenzene	341C1R3		2.07e+4	ug/g	1.25e+1	lbs/hr	CE
o-Dichlorobenzene	341C2R1		6.70e+3	ug/g	4.60e+0	lbs/hr	CE
o-Dichlorobenzene	341C2R2	ND	5.00e+3	ug/g	3.33e+0	lbs/hr	CE
o-Dichlorobenzene	341C2R3	ND	5.00e+3	ug/g	3.04e+0	lbs/hr	CE

SECTION 8: OTHER STREAM ANALYSES

1. COMPANY: IOWA ARMY AMMUNITION PLANT

2. STATE: IA

3. CITY: MIDDLETOWN

EPA ID: IA7213820445

REGION: 7

4. EP ID: 351 DEVICE NAME: EWI AFTERBURNER

SYSTEM TYPE: ONSITE INCINERATOR

APC SYSTEM: GC/C/FF

5. Type: FF ASH

6. Description:

Group: ROTARY KILN

Location: FF

Phase: SOLID

7. Category: SVOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate	Calc
2,4,6-Trinitrotoluene	351C1R1	1.40e+3	ug/g	5.94e-4 lbs/hr	CE
2,4,6-Trinitrotoluene	351C1R2	1.10e+3	ug/g	6.77e-4 lbs/hr	CE
2,4,6-Trinitrotoluene	351C1R3	1.10e+3	ug/g	5.72e-4 lbs/hr	CE
2,4,6-Trinitrotoluene	351C4R1	2.42e+2	ug/g	7.82e-6 lbs/hr	CE
2,4,6-Trinitrotoluene	351C4R2	3.08e+2	ug/g	7.33e-6 lbs/hr	CE
2,4,6-Trinitrotoluene	351C4R3	5.24e+2	ug/g	4.02e-6 lbs/hr	CE
RDX-cyclotrimethylenetrinitram	351C2R1	5.90e+1	ug/g	3.29e-5 lbs/hr	CE
RDX-cyclotrimethylenetrinitram	351C2R2	4.80e+1	ug/g	0.00e+0	
RDX-cyclotrimethylenetrinitram	351C2R3	6.70e+1	ug/g	0.00e+0	

5. Type: HE ASH

6. Description:

Group: ROTARY KILN

Location: HEAT EXCHANGER

Phase: SOLID

7. Category: SVOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate	Calc
2,4,6-Trinitrotoluene	351C1R1	2.40e-1	ug/g	4.00e-8 lbs/hr	CE
2,4,6-Trinitrotoluene	351C1R2	1.10e-1	ug/g	4.07e-9 lbs/hr	CE
2,4,6-Trinitrotoluene	351C1R3	6.00e-1	ug/g	6.11e-8 lbs/hr	CE
RDX-cyclotrimethylenetrinitram	351C2R1	2.70e+0	ug/g	2.36e-7 lbs/hr	CE
RDX-cyclotrimethylenetrinitram	351C2R2	1.40e+1	ug/g	6.22e-6 lbs/hr	CE
RDX-cyclotrimethylenetrinitram	351C2R3	4.00e-1	ug/g	2.91e-8 lbs/hr	CE

6. Description: HIGH TEMPERATURE

Group: ROTARY KILN

Location: HEAT EXCHANGER

Phase: SOLID

7. Category: SVOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate	Calc
2,4,6-Trinitrotoluene	351C4R1	ND	1.00e-1 ug/g	2.08e-9 lbs/hr	CE
2,4,6-Trinitrotoluene	351C4R2		1.62e+0 ug/g	5.14e-8 lbs/hr	CE
2,4,6-Trinitrotoluene	351C4R3	ND	3.00e-1 ug/g	2.30e-9 lbs/hr	CE

6. Description: LOW TEMPERATURE

Group: ROTARY KILN

Location: HEAT EXCHANGER

Phase: SOLID

7. Category: SVOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate	Calc
2,4,6-Trinitrotoluene	351C4R1	ND	2.00e-1 ug/g	2.80e-8 lbs/hr	CE
2,4,6-Trinitrotoluene	351C4R2	ND	3.00e-1 ug/g	5.75e-8 lbs/hr	CE
2,4,6-Trinitrotoluene	351C4R3		7.21e+0 ug/g	5.05e-7 lbs/hr	CE

5. Type: MC ASH

6. Description:

Group: ROTARY KILN

Location: CYCLONE

Phase: SOLID

7. Category: SVOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate	Calc
2,4,6-Trinitrotoluene	351C1R1	2.50e+0	ug/g	3.31e-8 lbs/hr	CE
2,4,6-Trinitrotoluene	351C1R2	3.20e+0	ug/g	4.23e-9 lbs/hr	CE
2,4,6-Trinitrotoluene	351C1R3	4.80e+0	ug/g	7.49e-7 lbs/hr	CE
2,4,6-Trinitrotoluene	351C4R1	2.80e-1	ug/g	1.57e-6 lbs/hr	CE
2,4,6-Trinitrotoluene	351C4R2	9.40e-1	ug/g	1.76e-6 lbs/hr	CE

SECTION 8: OTHER STREAM ANALYSES

1. COMPANY: IOWA ARMY AMMUNITION PLANT

2. STATE: IA

3. CITY: MIDDLETOWN

EPA ID: IA7213820445

REGION: 7

4. EP ID: 351 DEVICE NAME: EWI AFTERBURNER

SYSTEM TYPE: ONSITE INCINERATOR

APC SYSTEM: GC/C/FF

Substance	Run ID	Concentration	Units	Mass Rate	Units	Calc
2,4,6-Trinitrotoluene	351C4R3	7.20e-1	ug/g	9.50e-7	lbs/hr	CE
RDX-cyclotrimethylenetrinitram	351C2R1	4.10e+0	ug/g	1.36e-8	lbs/hr	CE
RDX-cyclotrimethylenetrinitram	351C2R2	3.80e-1	ug/g	0.00e+0		
RDX-cyclotrimethylenetrinitram	351C2R3	3.10e-1	ug/g	0.00e+0		

5. Type: WASTE

6. Description: TNT

Group: ROTARY KILN

Location: PRIMARY CHAMBER

Phase: SOLID

7. Category: SVOC

Analysis:

8. Substance	9. Run ID	Concentration	Units	Mass Rate	Units	Calc
2,4,6-Trinitrotoluene	351C1R1	9.75e+5	ug/g	1.75e+2	lbs/hr	CE
2,4,6-Trinitrotoluene	351C1R2	9.26e+5	ug/g	1.90e+2	lbs/hr	CE
2,4,6-Trinitrotoluene	351C1R3	9.29e+5	ug/g	1.97e+2	lbs/hr	CE

6. Description: PBX-0280

Group: ROTARY KILN

Location: PRIMARY CHAMBER

Phase: SOLID

7. Category: SVOC

Analysis:

8. Substance	9. Run ID	Concentration	Units	Mass Rate	Units	Calc
PBX-0280	351C2R1	6.78e+5	ug/g	1.46e+2	lbs/hr	CE
PBX-0280	351C2R2	7.47e+5	ug/g	1.43e+2	lbs/hr	CE
PBX-0280	351C2R3	6.70e+5	ug/g	1.28e+2	lbs/hr	CE

6. Description:

Group: ROTARY KILN

Location: PRIMARY CHAMBER

Phase: SOLID

7. Category: SVOC

Analysis:

8. Substance	9. Run ID	Concentration	Units	Mass Rate	Units	Calc
2,4,6-Trinitrotoluene	351C4R1	6.91e+5	ug/g	1.60e+2	lbs/hr	CC
2,4,6-Trinitrotoluene	351C4R2	6.91e+5	ug/g	1.52e+2	lbs/hr	CC
2,4,6-Trinitrotoluene	351C4R3	6.91e+5	ug/g	1.13e+2	lbs/hr	CC

SECTION 8: OTHER STREAM ANALYSES

1. COMPANY: IOWA ARMY AMMUNITION PLANT

2. STATE: IA

3. CITY: MIDDLETOWN

EPA ID: IA7213820445

REGION: 7

4. EP ID: 727 DEVICE NAME: EWI NOAFTERBURNER

SYSTEM TYPE: ONSITE INCINERATOR

APC SYSTEM: GC/C/FF

5. Type: WASTE

6. Description: PBX-0280

Group: ROTARY KILN

Location: SINGLE CHAMBER

Phase: SOLID

7. Category: SVOC

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Estane 5703 F-1 (type II)	727C1R1	4.99e+4 ug/g	8.80e+0 lbs/hr	CC
Estane 5703 F-1 (type II)	727C1R2	4.98e+4 ug/g	8.90e+0 lbs/hr	CC
Estane 5703 F-1 (type II)	727C1R3	5.02e+4 ug/g	8.80e+0 lbs/hr	CC
RDX (CYCLONITE)	727C1R1	9.50e+5 ug/g	1.68e+2 lbs/hr	CC
RDX (CYCLONITE)	727C1R2	9.50e+5 ug/g	1.70e+2 lbs/hr	CC
RDX (CYCLONITE)	727C1R3	9.50e+5 ug/g	1.66e+2 lbs/hr	CC

6. Description: TNT

Group: ROTARY KILN

Location: SINGLE CHAMBER

Phase: SOLID

7. Category: SVOC

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
2,4,6-Trinitrotoluene	727C2R1	9.43e+2 ug/g	1.00e-1 lbs/hr	CC
2,4,6-Trinitrotoluene	727C2R1	9.99e+5 ug/g	1.06e+2 lbs/hr	CC
2,4,6-Trinitrotoluene	727C2R2	1.07e+3 ug/g	1.00e-1 lbs/hr	CC
2,4,6-Trinitrotoluene	727C2R2	9.99e+5 ug/g	9.30e+1 lbs/hr	CC
2,4,6-Trinitrotoluene	727C2R3	1.30e+3 ug/g	1.00e-1 lbs/hr	CC
2,4,6-Trinitrotoluene	727C2R3	9.99e+5 ug/g	7.66e+1 lbs/hr	CC

SECTION 8: OTHER STREAM ANALYSES

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

EPA SCD981467616
 SYSTEM TYPE: COMMERCIAL INCINERATOR

REGION: 4
 APC SYSTEM: WHB/FF/VQ/PT/DM

5. Type: SPIKE

6. Description: ORGANICS (FREON 11)
 Group: LIQUID INJECTION

Location: PRIMARY CHAMBER

Phase: LIQUID

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Chlorine	209C5R1	7.96e+5 ug/g	4.78e+2 lbs/hr	CC
Chlorine	209C5R2	7.96e+5 ug/g	4.78e+2 lbs/hr	CC
Chlorine	209C5R3	7.96e+5 ug/g	4.78e+2 lbs/hr	CC
Chlorine	209C6R1	7.96e+5 ug/g	9.55e+2 lbs/hr	CC
Chlorine	209C6R2	7.96e+5 ug/g	9.55e+2 lbs/hr	CC
Chlorine	209C6R3	7.96e+5 ug/g	9.55e+2 lbs/hr	CC
Chlorine	209C7R1	7.96e+5 ug/g	5.73e+2 lbs/hr	CC
Chlorine	209C7R2	7.96e+5 ug/g	5.73e+2 lbs/hr	CC
Chlorine	209C7R3	7.96e+5 ug/g	5.73e+2 lbs/hr	CC
Chlorine	209C8R1	7.96e+5 ug/g	5.73e+2 lbs/hr	CC
Chlorine	209C8R2	7.96e+5 ug/g	5.73e+2 lbs/hr	CC
Chlorine	209C8R3	7.96e+5 ug/g	5.73e+2 lbs/hr	CC

5. Type: WASTE

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

Location: PRIMARY CHAMBER

Phase: LIQUID

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Antimony	209C1R1	6.02e+2 ug/g	5.31e+0 lbs/hr	
Antimony	209C1R2	4.05e+2 ug/g	3.57e+0 lbs/hr	
Antimony	209C1R3	9.63e+2 ug/g	8.20e+0 lbs/hr	
Antimony	209C1R4	8.69e+2 ug/g	7.14e+0 lbs/hr	
Antimony	209C2R1	6.55e+2 ug/g	6.09e+0 lbs/hr	
Antimony	209C2R2	4.37e+2 ug/g	4.14e+0 lbs/hr	
Antimony	209C2R3	6.30e+2 ug/g	5.71e+0 lbs/hr	
Antimony	209C2R4	7.31e+2 ug/g	6.67e+0 lbs/hr	
Arsenic	209C1R1	2.23e+2 ug/g	1.97e+0 lbs/hr	
Arsenic	209C1R2	1.29e+2 ug/g	1.14e+0 lbs/hr	
Arsenic	209C1R3	3.35e+2 ug/g	2.85e+0 lbs/hr	
Arsenic	209C1R4	2.30e+2 ug/g	1.89e+0 lbs/hr	
Arsenic	209C2R1	2.05e+2 ug/g	1.91e+0 lbs/hr	
Arsenic	209C2R2	1.41e+2 ug/g	1.34e+0 lbs/hr	
Arsenic	209C2R3	1.56e+2 ug/g	1.41e+0 lbs/hr	
Arsenic	209C2R4	1.63e+2 ug/g	1.49e+0 lbs/hr	
Barium	209C1R1	1.53e+3 ug/g	1.35e+1 lbs/hr	
Barium	209C1R2	1.22e+3 ug/g	1.08e+1 lbs/hr	
Barium	209C1R3	2.26e+3 ug/g	1.93e+1 lbs/hr	
Barium	209C1R4	2.30e+3 ug/g	1.89e+1 lbs/hr	
Barium	209C2R1	2.35e+3 ug/g	2.19e+1 lbs/hr	
Barium	209C2R2	2.13e+3 ug/g	2.02e+1 lbs/hr	
Barium	209C2R3	2.13e+3 ug/g	1.93e+1 lbs/hr	
Barium	209C2R4	2.22e+3 ug/g	2.02e+1 lbs/hr	
Beryllium	209C1R1	7.01e+0 ug/g	6.18e-2 lbs/hr	
Beryllium	209C1R2	5.85e+0 ug/g	5.16e-2 lbs/hr	
Beryllium	209C1R3	1.08e+1 ug/g	9.20e-2 lbs/hr	
Beryllium	209C1R4	9.95e+0 ug/g	8.18e-2 lbs/hr	
Beryllium	209C2R1	1.08e+1 ug/g	1.00e-1 lbs/hr	
Beryllium	209C2R2	7.47e+0 ug/g	7.08e-2 lbs/hr	
Beryllium	209C2R3	8.00e+0 ug/g	7.25e-2 lbs/hr	
Beryllium	209C2R4	8.84e+0 ug/g	8.06e-2 lbs/hr	
Cadmium	209C1R1	2.72e+2 ug/g	2.40e+0 lbs/hr	
Cadmium	209C1R2	2.16e+2 ug/g	1.91e+0 lbs/hr	
Cadmium	209C1R3	4.33e+2 ug/g	3.69e+0 lbs/hr	
Cadmium	209C1R4	4.42e+2 ug/g	3.63e+0 lbs/hr	
Cadmium	209C2R1	4.86e+2 ug/g	4.52e+0 lbs/hr	
Cadmium	209C2R2	3.27e+2 ug/g	3.10e+0 lbs/hr	
Cadmium	209C2R3	3.45e+2 ug/g	3.13e+0 lbs/hr	
Cadmium	209C2R4	3.70e+2 ug/g	3.37e+0 lbs/hr	
Chromium	209C1R1	1.58e+2 ug/g	1.39e+0 lbs/hr	
Chromium	209C1R2	1.11e+2 ug/g	9.79e-1 lbs/hr	

SECTION 8: OTHER STREAM ANALYSES

1. COMPANY: LAIDLAW ENVIRONMENTAL SERVICES
 2. STATE: SC
 3. CITY: ROEBUCK
 4. EP ID: 209 DEVICE NAME:

EPA ID: SCD981467616
 SYSTEM TYPE: COMMERCIAL INCINERATOR

REGION: 4
 APC SYSTEM: WHB/FF/VQ/PT/DM

Chromium	209C1R3	2.51e+2	ug/g	2.14e+0	lbs/hr	
Chromium	209C1R4	2.61e+2	ug/g	2.15e+0	lbs/hr	
Chromium	209C2R1	2.78e+2	ug/g	2.59e+0	lbs/hr	
Chromium	209C2R2	1.90e+2	ug/g	1.80e+0	lbs/hr	
Chromium	209C2R3	2.01e+2	ug/g	1.82e+0	lbs/hr	
Chromium	209C2R4	2.25e+2	ug/g	2.05e+0	lbs/hr	
Lead	209C1R1	2.65e+2	ug/g	2.34e+0	lbs/hr	
Lead	209C1R2	1.81e+2	ug/g	1.60e+0	lbs/hr	
Lead	209C1R3	4.61e+2	ug/g	3.93e+0	lbs/hr	
Lead	209C1R4	4.89e+2	ug/g	4.02e+0	lbs/hr	
Lead	209C2R1	5.49e+2	ug/g	5.11e+0	lbs/hr	
Lead	209C2R2	3.27e+2	ug/g	3.10e+0	lbs/hr	
Lead	209C2R3	3.17e+2	ug/g	2.87e+0	lbs/hr	
Lead	209C2R4	3.30e+2	ug/g	3.01e+0	lbs/hr	
Mercury	209C1R1	1.15e+0	ug/g	1.01e-2	lbs/hr	
Mercury	209C1R2	1.31e+0	ug/g	1.16e-2	lbs/hr	
Mercury	209C1R3	1.27e+0	ug/g	1.08e-2	lbs/hr	
Mercury	209C1R4	1.22e+0	ug/g	1.00e-2	lbs/hr	
Mercury	209C2R1	1.22e+0	ug/g	1.13e-2	lbs/hr	
Mercury	209C2R2	9.27e-1	ug/g	8.79e-3	lbs/hr	
Mercury	209C2R3	1.05e+0	ug/g	9.51e-3	lbs/hr	
Mercury	209C2R4	9.34e+2	ug/g	8.52e-3	lbs/hr	
Silver	209C1R1	7.68e+1	ug/g	6.77e-1	lbs/hr	
Silver	209C1R2	7.00e+1	ug/g	6.17e-1	lbs/hr	
Silver	209C1R3	9.92e+1	ug/g	8.45e-1	lbs/hr	
Silver	209C1R4	7.09e+1	ug/g	5.83e-1	lbs/hr	
Silver	209C2R1	1.20e+2	ug/g	1.12e+0	lbs/hr	
Silver	209C2R2	5.57e+1	ug/g	5.28e-1	lbs/hr	
Silver	209C2R3	4.03e+1	ug/g	3.65e-1	lbs/hr	
Silver	209C2R4	9.82e+1	ug/g	8.96e-1	lbs/hr	
Thallium	209C1R1	1.09e+2	ug/g	9.61e-1	lbs/hr	
Thallium	209C1R2	1.18e+2	ug/g	1.04e+0	lbs/hr	
Thallium	209C1R3	1.30e+2	ug/g	1.11e+0	lbs/hr	
Thallium	209C1R4	1.40e+2	ug/g	1.15e+0	lbs/hr	
Thallium	209C2R1	1.48e+2	ug/g	1.38e+0	lbs/hr	
Thallium	209C2R2	1.40e+2	ug/g	1.33e+0	lbs/hr	
Thallium	209C2R3	1.47e+2	ug/g	1.33e+0	lbs/hr	
Thallium	209C2R4	1.48e+2	ug/g	1.35e+0	lbs/hr	

6. Description: SOLVENT
 Group: LIQUID INJECTION Location: PRIMARY CHAMBER Phase: LIQUID

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Chlorine	209C1R1	4.14e+5 ug/g	1.69e+3 lbs/hr	CC
Chlorine	209C1R2	4.14e+5 ug/g	1.69e+3 lbs/hr	CC
Chlorine	209C1R3	4.13e+5 ug/g	1.81e+3 lbs/hr	CC
Chlorine	209C1R4	4.10e+5 ug/g	1.82e+3 lbs/hr	CC
Chlorine	209C2R1	4.14e+5 ug/g	1.44e+3 lbs/hr	CC
Chlorine	209C2R2	4.14e+5 ug/g	1.54e+3 lbs/hr	CC
Chlorine	209C2R3	4.09e+5 ug/g	1.57e+3 lbs/hr	CC
Chlorine	209C2R4	4.17e+5 ug/g	1.55e+3 lbs/hr	CC

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Carbon Tetrachloride	209C1R1	8.98e+4 ug/g	3.70e+2 lbs/hr	
Carbon Tetrachloride	209C1R2	9.24e+4 ug/g	3.70e+2 lbs/hr	
Carbon Tetrachloride	209C1R3	9.01e+4 ug/g	3.97e+2 lbs/hr	
Carbon Tetrachloride	209C1R4	9.80e+4 ug/g	4.37e+2 lbs/hr	
Carbon Tetrachloride	209C2R1	9.92e+4 ug/g	3.44e+2 lbs/hr	
Carbon Tetrachloride	209C2R2	1.02e+5 ug/g	3.84e+2 lbs/hr	
Carbon Tetrachloride	209C2R3	1.19e+5 ug/g	4.63e+2 lbs/hr	
Carbon Tetrachloride	209C2R4	1.09e+5 ug/g	4.10e+2 lbs/hr	
Chlorobenzene	209C1R1	7.48e+4 ug/g	3.04e+2 lbs/hr	
Chlorobenzene	209C1R2	8.13e+4 ug/g	3.31e+2 lbs/hr	
Chlorobenzene	209C1R3	8.40e+4 ug/g	3.70e+2 lbs/hr	
Chlorobenzene	209C1R4	9.04e+4 ug/g	3.97e+2 lbs/hr	
Chlorobenzene	209C2R1	9.44e+4 ug/g	3.31e+2 lbs/hr	

US EPA ARCHIVE DOCUMENT

SECTION 8: OTHER STREAM ANALYSES

1. COMPANY: LAIDLAW ENVIRONMENTAL SERVICES
 2. STATE: SC
 3. CITY: ROEBUCK
 4. EP ID: 209 DEVICE NAME:

EPA SCD981467616
 SYSTEM TYPE: COMMERCIAL INCINERATOR

REGION: 4
 APC SYSTEM: WHB/FF/VQ/PT/DM

Chlorobenzene	209C2R2	9.40e+4	ug/g	3.44e+2	lbs/hr	
Chlorobenzene	209C2R3	1.07e+5	ug/g	4.10e+2	lbs/hr	
Chlorobenzene	209C2R4	9.47e+4	ug/g	3.57e+2	lbs/hr	

6. Description: HOT ORGANIC WASTE
 Group: LIQUID INJECTION

Location: PRIMARY CHAMBER

Phase: LIQUID

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Chlorine	209C3R1	1.94e+5	ug/g	2.56e+2	lbs/hr	CC
Chlorine	209C3R2	1.93e+5	ug/g	2.66e+2	lbs/hr	CC
Chlorine	209C3R3	1.97e+5	ug/g	2.84e+2	lbs/hr	CC
Chlorine	209C4R1	2.12e+5	ug/g	2.16e+2	lbs/hr	CC
Chlorine	209C4R2	1.86e+5	ug/g	2.01e+2	lbs/hr	CC
Chlorine	209C4R3	2.00e+5	ug/g	2.40e+2	lbs/hr	CC
Chlorine	209C5R1	2.42e+5	ug/g	5.53e+2	lbs/hr	CC
Chlorine	209C5R2	1.96e+5	ug/g	5.41e+2	lbs/hr	CC
Chlorine	209C5R3	1.96e+5	ug/g	5.41e+2	lbs/hr	CC
Chlorine	209C6R1	1.86e+5	ug/g	5.58e+2	lbs/hr	CC
Chlorine	209C6R2	1.88e+5	ug/g	5.30e+2	lbs/hr	CC
Chlorine	209C6R3	1.90e+5	ug/g	5.70e+2	lbs/hr	CC
Chlorine	209C7R1	2.05e+5	ug/g	6.15e+2	lbs/hr	CC
Chlorine	209C7R2	2.14e+5	ug/g	6.42e+2	lbs/hr	CC
Chlorine	209C7R3	2.16e+5	ug/g	6.48e+2	lbs/hr	CC
Chlorine	209C8R1	2.95e+5	ug/g	1.06e+3	lbs/hr	CC
Chlorine	209C8R2	2.97e+5	ug/g	1.03e+3	lbs/hr	CC
Chlorine	209C8R3	2.86e+5	ug/g	1.03e+3	lbs/hr	CC

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Carbon Tetrachloride	209C3R1	9.17e+4	ug/g	1.21e+2	lbs/hr	CC
Carbon Tetrachloride	209C3R2	8.86e+4	ug/g	1.22e+2	lbs/hr	CC
Carbon Tetrachloride	209C3R3	9.00e+4	ug/g	1.30e+2	lbs/hr	CC
Carbon Tetrachloride	209C4R1	9.48e+4	ug/g	9.67e+1	lbs/hr	CC
Carbon Tetrachloride	209C4R2	8.60e+4	ug/g	9.29e+1	lbs/hr	CC
Carbon Tetrachloride	209C4R3	9.20e+4	ug/g	1.10e+2	lbs/hr	CC
Carbon Tetrachloride	209C5R1	1.13e+5	ug/g	2.57e+2	lbs/hr	CC
Carbon Tetrachloride	209C5R2	8.95e+4	ug/g	2.47e+2	lbs/hr	CC
Carbon Tetrachloride	209C5R3	9.11e+4	ug/g	2.51e+2	lbs/hr	CC
Carbon Tetrachloride	209C6R1	8.88e+4	ug/g	2.66e+2	lbs/hr	CC
Carbon Tetrachloride	209C6R2	9.09e+4	ug/g	2.56e+2	lbs/hr	CC
Carbon Tetrachloride	209C6R3	9.09e+4	ug/g	2.73e+2	lbs/hr	CC
Carbon Tetrachloride	209C7R1	6.89e+4	ug/g	2.07e+2	lbs/hr	CC
Carbon Tetrachloride	209C7R2	6.30e+4	ug/g	1.89e+2	lbs/hr	CC
Carbon Tetrachloride	209C7R3	6.80e+4	ug/g	2.04e+2	lbs/hr	CC
Carbon Tetrachloride	209C8R1	4.95e+4	ug/g	1.78e+2	lbs/hr	CC
Carbon Tetrachloride	209C8R2	5.27e+4	ug/g	1.83e+2	lbs/hr	CC
Carbon Tetrachloride	209C8R3	5.39e+4	ug/g	1.94e+2	lbs/hr	CC
Tetrachloroethene	209C3R1	1.14e+5	ug/g	1.50e+2	lbs/hr	CC
Tetrachloroethene	209C3R2	1.12e+5	ug/g	1.55e+2	lbs/hr	CC
Tetrachloroethene	209C3R3	1.16e+5	ug/g	1.67e+2	lbs/hr	CC
Tetrachloroethene	209C4R1	1.24e+5	ug/g	1.26e+2	lbs/hr	CC
Tetrachloroethene	209C4R2	1.11e+5	ug/g	1.20e+2	lbs/hr	CC
Tetrachloroethene	209C4R3	1.16e+5	ug/g	1.39e+2	lbs/hr	CC
Tetrachloroethene	209C5R1	1.43e+5	ug/g	3.27e+2	lbs/hr	CC
Tetrachloroethene	209C5R2	1.15e+5	ug/g	3.17e+2	lbs/hr	CC
Tetrachloroethene	209C5R3	1.16e+5	ug/g	3.20e+2	lbs/hr	CC
Tetrachloroethene	209C6R1	1.10e+5	ug/g	3.30e+2	lbs/hr	CC
Tetrachloroethene	209C6R2	1.12e+5	ug/g	3.16e+2	lbs/hr	CC
Tetrachloroethene	209C6R3	1.12e+5	ug/g	3.36e+2	lbs/hr	CC
Tetrachloroethene	209C7R1	1.70e+5	ug/g	5.10e+2	lbs/hr	CC
Tetrachloroethene	209C7R2	1.71e+5	ug/g	5.13e+2	lbs/hr	CC
Tetrachloroethene	209C7R3	1.73e+5	ug/g	5.19e+2	lbs/hr	CC
Tetrachloroethene	209C8R1	2.66e+5	ug/g	9.58e+2	lbs/hr	CC
Tetrachloroethene	209C8R2	2.77e+5	ug/g	9.64e+2	lbs/hr	CC
Tetrachloroethene	209C8R3	2.79e+5	ug/g	1.00e+3	lbs/hr	CC

SECTION 8: OTHER STREAM ANALYSES

1. COMPANY: LAIDLAW ENVIRONMENTAL SERVICES
 2. STATE: SC
 3. CITY: ROEBUCK
 4. EP ID: 209 DEVICE NAME:

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

6. Description: COLD ORGANIC WASTE
 Group: LIQUID INJECTION Location: PRIMARY CHAMBER Phase: LIQUID

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Methyl Ethyl Ketone	209C3R1	1.67e+4 ug/g	9.52e+1 lbs/hr	CC
Methyl Ethyl Ketone	209C3R2	1.67e+4 ug/g	9.22e+1 lbs/hr	CC
Methyl Ethyl Ketone	209C3R3	1.75e+4 ug/g	9.03e+1 lbs/hr	CC
Methyl Ethyl Ketone	209C4R1	1.95e+4 ug/g	6.67e+1 lbs/hr	CC
Methyl Ethyl Ketone	209C4R2	1.88e+4 ug/g	6.77e+1 lbs/hr	CC
Methyl Ethyl Ketone	209C4R3	2.03e+4 ug/g	7.31e+1 lbs/hr	CC
Methyl Ethyl Ketone	209C5R1	1.68e+4 ug/g	6.55e+1 lbs/hr	CC
Methyl Ethyl Ketone	209C5R2	1.67e+4 ug/g	6.41e+1 lbs/hr	CC
Methyl Ethyl Ketone	209C5R3	1.67e+4 ug/g	6.51e+1 lbs/hr	CC
Methyl Ethyl Ketone	209C6R1	1.65e+4 ug/g	7.43e+1 lbs/hr	CC
Methyl Ethyl Ketone	209C6R2	1.99e+4 ug/g	1.08e+2 lbs/hr	CC
Methyl Ethyl Ketone	209C6R3	1.97e+4 ug/g	1.04e+2 lbs/hr	CC
Methyl Ethyl Ketone	209C7R1	1.98e+4 ug/g	7.25e+1 lbs/hr	CC
Methyl Ethyl Ketone	209C7R2	1.97e+4 ug/g	7.21e+1 lbs/hr	CC
Methyl Ethyl Ketone	209C7R3	1.97e+4 ug/g	7.21e+1 lbs/hr	CC
Methyl Ethyl Ketone	209C8R1	1.99e+4 ug/g	5.97e+1 lbs/hr	CC
Methyl Ethyl Ketone	209C8R2	1.98e+4 ug/g	5.94e+1 lbs/hr	CC
Methyl Ethyl Ketone	209C8R3	1.95e+4 ug/g	5.85e+1 lbs/hr	CC

US EPA ARCHIVE DOCUMENT

SECTION 8: OTHER STREAM ANALYSES

1. COMPANY: LAKE CITY ARMY AMMUNITION PLANT

2. STATE: MO

3. CITY: INDEPENDENCE

EPA MO4213820489

REGION: 7

4. EP ID: 503 DEVICE NAME: BUILDING 97

SYSTEM TYPE: ONSITE INCINERATOR

APC SYSTEM: HTHE/ LTHE/ FF

5. Type: WASTE

6. Description:

Group: ROTARY KILN

Location: PRIMARY CHAMBER

Phase: LIQUID

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate	Calc
Antimony	503C1R1	4.03e+2	ug/g	8.70e-1 lbs/hr	CC
Antimony	503C1R2	4.05e+2	ug/g	8.10e-1 lbs/hr	CC
Antimony	503C1R3	4.05e+2	ug/g	8.20e-1 lbs/hr	CC
Antimony	503C2R1	2.54e+3	ug/g	2.27e+0 lbs/hr	CC
Antimony	503C2R2	2.46e+3	ug/g	2.45e+0 lbs/hr	CC
Antimony	503C2R3	2.53e+3	ug/g	2.29e+0 lbs/hr	CC
Barium	503C1R1	6.30e+2	ug/g	1.36e+0 lbs/hr	CC
Barium	503C1R2	6.29e+2	ug/g	1.26e+0 lbs/hr	CC
Barium	503C1R3	6.33e+2	ug/g	1.28e+0 lbs/hr	CC
Barium	503C2R1	3.24e+2	ug/g	2.90e-1 lbs/hr	CC
Barium	503C2R2	3.11e+2	ug/g	3.10e-1 lbs/hr	CC
Barium	503C2R3	3.21e+2	ug/g	2.90e-1 lbs/hr	CC
Lead	503C1R1	6.30e+2	ug/g	1.36e+0 lbs/hr	CC
Lead	503C1R2	6.29e+2	ug/g	1.26e+0 lbs/hr	CC
Lead	503C1R3	6.33e+2	ug/g	1.28e+0 lbs/hr	CC
Lead	503C2R1	3.24e+2	ug/g	2.90e-1 lbs/hr	CC
Lead	503C2R2	3.11e+2	ug/g	3.10e-1 lbs/hr	CC
Lead	503C2R3	3.21e+2	ug/g	2.90e-1 lbs/hr	CC

SECTION 8: OTHER STREAM ANALYSES

1. COMPANY: LWD, INC.

2. STATE: KY

3. CITY: CALVERT CITY

EPA ID: KYD088438817

REGION: 4

4. EP ID: 210 DEVICE NAME: UNIT NO. 3

SYSTEM TYPE: COMMERCIAL INCINERATOR

APC SYSTEM: FF/S

5. Type: WASTE

6. Description: AQUEOUS

Group: ROTARY KILN

Location: PRIMARY CHAMBER

Phase: LIQUID

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Chlorine	210C1R1	1.98e+5 ug/g	9.30e+2 lbs/hr	CC
Chlorine	210C1R2	2.28e+5 ug/g	1.09e+3 lbs/hr	CC
Chlorine	210C1R3	1.08e+5 ug/g	5.07e+2 lbs/hr	CC
Chlorine	210C2R1	0.00e+0	6.46e+2 lbs/hr	
Chlorine	210C2R2	0.00e+0	7.37e+2 lbs/hr	
Chlorine	210C2R3	0.00e+0	6.38e+2 lbs/hr	

7. Category: SVOC

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
1,2-Dichlorobenzene	210C1R1	1.36e+4 ug/g	6.41e+1 lbs/hr	CC
1,2-Dichlorobenzene	210C1R2	1.56e+4 ug/g	7.48e+1 lbs/hr	CC
1,2-Dichlorobenzene	210C1R3	7.56e+3 ug/g	3.55e+1 lbs/hr	CC
1,2-Dichlorobenzene	210C2R1	0.00e+0	5.45e+1 lbs/hr	
1,2-Dichlorobenzene	210C2R2	0.00e+0	5.20e+1 lbs/hr	
1,2-Dichlorobenzene	210C2R3	0.00e+0	6.30e+1 lbs/hr	
Hexachloroethane	210C1R1	ND 2.00e+0 ug/g	9.42e-3 lbs/hr	CC
Hexachloroethane	210C1R2	ND 2.00e+0 ug/g	9.56e-3 lbs/hr	CC
Hexachloroethane	210C1R3	ND 2.00e+0 ug/g	9.39e-3 lbs/hr	CC
Hexachloroethane	210C2R1	ND 0.00e+0	2.22e+0 lbs/hr	
Hexachloroethane	210C2R2	ND 0.00e+0	3.02e+0 lbs/hr	
Hexachloroethane	210C2R3	ND 0.00e+0	2.29e+0 lbs/hr	

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Carbon Tetrachloride	210C1R1	1.50e+5 ug/g	7.04e+2 lbs/hr	CC
Carbon Tetrachloride	210C1R2	1.75e+5 ug/g	8.36e+2 lbs/hr	CC
Carbon Tetrachloride	210C1R3	8.45e+4 ug/g	3.97e+2 lbs/hr	CC
Carbon Tetrachloride	210C2R1	0.00e+0	5.99e+2 lbs/hr	
Carbon Tetrachloride	210C2R2	0.00e+0	5.87e+2 lbs/hr	
Carbon Tetrachloride	210C2R3	0.00e+0	6.12e+2 lbs/hr	
Trichlorofluoromethane	210C1R1	6.58e+4 ug/g	3.10e+2 lbs/hr	CC
Trichlorofluoromethane	210C1R2	7.70e+4 ug/g	3.68e+2 lbs/hr	CC
Trichlorofluoromethane	210C1R3	3.70e+4 ug/g	1.74e+2 lbs/hr	CC
Trichlorofluoromethane	210C2R1	0.00e+0	1.84e+2 lbs/hr	
Trichlorofluoromethane	210C2R2	0.00e+0	2.35e+2 lbs/hr	
Trichlorofluoromethane	210C2R3	0.00e+0	1.79e+2 lbs/hr	

6. Description: ORGANIC

Group: ROTARY KILN

Location: PRIMARY CHAMBER

Phase: LIQUID

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Chlorine	210C1R1	1.20e+5 ug/g	2.45e+2 lbs/hr	CC
Chlorine	210C1R2	1.11e+5 ug/g	2.97e+2 lbs/hr	CC
Chlorine	210C1R3	1.13e+5 ug/g	2.68e+2 lbs/hr	CC
Chlorine	210C2R1	9.59e+4 ug/g	2.87e+2 lbs/hr	CC
Chlorine	210C2R2	7.60e+4 ug/g	2.86e+2 lbs/hr	CC
Chlorine	210C2R3	1.00e+5 ug/g	3.12e+2 lbs/hr	CC

7. Category: SVOC

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
1,2-Dichlorobenzene	210C1R1	7.41e+3 ug/g	1.51e+1 lbs/hr	CC
1,2-Dichlorobenzene	210C1R2	6.68e+3 ug/g	1.79e+1 lbs/hr	CC
1,2-Dichlorobenzene	210C1R3	7.50e+3 ug/g	1.78e+1 lbs/hr	CC
1,2-Dichlorobenzene	210C2R1	1.39e+4 ug/g	4.16e+1 lbs/hr	CC

SECTION 8: OTHER STREAM ANALYSES

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

1,2-Dichlorobenzene	210C2R2	1.21e+4	ug/g	4.56e+1	lbs/hr	CC	
1,2-Dichlorobenzene	210C2R3	1.34e+4	ug/g	4.17e+1	lbs/hr	CC	
Hexachloroethane	210C1R1	ND	2.00e+2	ug/g	4.08e-1	lbs/hr	CC
Hexachloroethane	210C1R2	ND	2.00e+2	ug/g	5.36e-1	lbs/hr	CC
Hexachloroethane	210C1R3	ND	2.00e+2	ug/g	4.75e-1	lbs/hr	CC
Hexachloroethane	210C2R1	ND	1.50e+3	ug/g	4.49e+0	lbs/hr	CC
Hexachloroethane	210C2R2	ND	1.51e+3	ug/g	5.68e+0	lbs/hr	CC
Hexachloroethane	210C2R3	ND	1.50e+3	ug/g	4.66e+0	lbs/hr	CC

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Carbon Tetrachloride	210C1R1	1.04e+5	ug/g	2.12e+2	lbs/hr	CC
Carbon Tetrachloride	210C1R2	9.34e+4	ug/g	2.50e+2	lbs/hr	CC
Carbon Tetrachloride	210C1R3	1.05e+5	ug/g	2.50e+2	lbs/hr	CC
Carbon Tetrachloride	210C2R1	5.85e+4	ug/g	1.75e+2	lbs/hr	CC
Carbon Tetrachloride	210C2R2	6.14e+4	ug/g	2.31e+2	lbs/hr	CC
Carbon Tetrachloride	210C2R3	5.82e+4	ug/g	1.81e+2	lbs/hr	CC
Trichlorofluoromethane	210C1R1	3.93e+4	ug/g	8.01e+1	lbs/hr	CC
Trichlorofluoromethane	210C1R2	3.67e+4	ug/g	9.83e+1	lbs/hr	CC
Trichlorofluoromethane	210C1R3	4.34e+4	ug/g	1.03e+2	lbs/hr	CC
Trichlorofluoromethane	210C2R1	5.78e+3	ug/g	1.73e+1	lbs/hr	CC
Trichlorofluoromethane	210C2R2	4.28e+3	ug/g	1.61e+1	lbs/hr	CC
Trichlorofluoromethane	210C2R3	3.44e+3	ug/g	1.07e+1	lbs/hr	CC

6. Description:

Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: SLUDGE

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Chlorine	210C1R1	2.18e+5	ug/g	3.30e+2	lbs/hr	CC
Chlorine	210C1R2	2.29e+5	ug/g	3.45e+2	lbs/hr	CC
Chlorine	210C1R3	2.43e+5	ug/g	3.69e+2	lbs/hr	CC
Chlorine	210C2R1	2.58e+5	ug/g	4.16e+2	lbs/hr	CC
Chlorine	210C2R2	2.67e+5	ug/g	4.18e+2	lbs/hr	CC
Chlorine	210C2R3	2.51e+5	ug/g	3.81e+2	lbs/hr	CC

7. Category: SVOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
1,2-Dichlorobenzene	210C1R1	1.18e+4	ug/g	1.78e+1	lbs/hr	CC
1,2-Dichlorobenzene	210C1R2	1.25e+4	ug/g	1.89e+1	lbs/hr	CC
1,2-Dichlorobenzene	210C1R3	1.44e+4	ug/g	2.18e+1	lbs/hr	CC
1,2-Dichlorobenzene	210C2R1	2.17e+4	ug/g	3.50e+1	lbs/hr	CC
1,2-Dichlorobenzene	210C2R2	2.16e+4	ug/g	3.38e+1	lbs/hr	CC
1,2-Dichlorobenzene	210C2R3	1.90e+4	ug/g	2.89e+1	lbs/hr	CC
Hexachloroethane	210C1R1	2.03e+4	ug/g	3.07e+1	lbs/hr	CC
Hexachloroethane	210C1R2	2.06e+4	ug/g	3.10e+1	lbs/hr	CC
Hexachloroethane	210C1R3	2.08e+4	ug/g	3.16e+1	lbs/hr	CC
Hexachloroethane	210C2R1	2.62e+4	ug/g	4.22e+1	lbs/hr	CC
Hexachloroethane	210C2R2	2.73e+4	ug/g	4.27e+1	lbs/hr	CC
Hexachloroethane	210C2R3	2.84e+4	ug/g	4.31e+1	lbs/hr	CC

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Carbon Tetrachloride	210C1R1	1.57e+5	ug/g	2.37e+2	lbs/hr	CC
Carbon Tetrachloride	210C1R2	1.65e+5	ug/g	2.49e+2	lbs/hr	CC
Carbon Tetrachloride	210C1R3	1.87e+5	ug/g	2.84e+2	lbs/hr	CC
Carbon Tetrachloride	210C2R1	1.83e+5	ug/g	2.95e+2	lbs/hr	CC
Carbon Tetrachloride	210C2R2	1.94e+5	ug/g	3.03e+2	lbs/hr	CC
Carbon Tetrachloride	210C2R3	1.70e+5	ug/g	2.58e+2	lbs/hr	CC
Trichlorofluoromethane	210C1R1	6.30e+4	ug/g	9.53e+1	lbs/hr	CC
Trichlorofluoromethane	210C1R2	7.03e+4	ug/g	1.06e+2	lbs/hr	CC
Trichlorofluoromethane	210C1R3	7.78e+4	ug/g	1.18e+2	lbs/hr	CC
Trichlorofluoromethane	210C2R1	3.46e+4	ug/g	5.58e+1	lbs/hr	CC

US EPA ARCHIVE DOCUMENT

SECTION 8: OTHER STREAM ANALYSES

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

Trichlorofluoromethane	210C2R2	3.58e+4	ug/g	5.59e+1	lbs/hr	CC
Trichlorofluoromethane	210C2R3	2.98e+4	ug/g	4.53e+1	lbs/hr	CC

6. Description: PACKAGED
 Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: SOLID

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Chlorine	210C1R1	2.99e+4	ug/g	5.22e+1	lbs/hr	CC
Chlorine	210C1R2	3.17e+4	ug/g	5.58e+1	lbs/hr	CC
Chlorine	210C1R3	3.45e+4	ug/g	8.63e+1	lbs/hr	CC
Chlorine	210C2R1	0.00e+0		9.40e+1	lbs/hr	
Chlorine	210C2R2	0.00e+0		9.37e+1	lbs/hr	
Chlorine	210C2R3	0.00e+0		9.38e+1	lbs/hr	

7. Category: SVOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
1,2-Dichlorobenzene	210C1R1	1.88e+3	ug/g	3.28e+0	lbs/hr	CC
1,2-Dichlorobenzene	210C1R2	1.83e+3	ug/g	3.23e+0	lbs/hr	CC
1,2-Dichlorobenzene	210C1R3	1.63e+3	ug/g	4.09e+0	lbs/hr	CC
1,2-Dichlorobenzene	210C2R1	0.00e+0		9.34e+0	lbs/hr	
1,2-Dichlorobenzene	210C2R2	0.00e+0		9.63e+0	lbs/hr	
1,2-Dichlorobenzene	210C2R3	0.00e+0		7.87e+0	lbs/hr	
Hexachloroethane	210C1R1	1.18e+4	ug/g	2.06e+1	lbs/hr	CC
Hexachloroethane	210C1R2	1.01e+4	ug/g	1.77e+1	lbs/hr	CC
Hexachloroethane	210C1R3	1.57e+4	ug/g	3.92e+1	lbs/hr	CC
Hexachloroethane	210C2R1	0.00e+0		4.03e+1	lbs/hr	
Hexachloroethane	210C2R2	0.00e+0		4.08e+1	lbs/hr	
Hexachloroethane	210C2R3	0.00e+0		3.97e+1	lbs/hr	

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Carbon Tetrachloride	210C1R1	1.46e+4	ug/g	2.55e+1	lbs/hr	CC
Carbon Tetrachloride	210C1R2	1.69e+4	ug/g	2.98e+1	lbs/hr	CC
Carbon Tetrachloride	210C1R3	1.57e+4	ug/g	3.93e+1	lbs/hr	CC
Carbon Tetrachloride	210C2R1	0.00e+0		5.68e+1	lbs/hr	
Carbon Tetrachloride	210C2R2	0.00e+0		5.23e+1	lbs/hr	
Carbon Tetrachloride	210C2R3	0.00e+0		5.28e+1	lbs/hr	
Trichlorofluoromethane	210C1R1	6.14e+3	ug/g	1.07e+1	lbs/hr	CC
Trichlorofluoromethane	210C1R2	7.84e+3	ug/g	1.38e+1	lbs/hr	CC
Trichlorofluoromethane	210C1R3	6.95e+3	ug/g	1.74e+1	lbs/hr	CC
Trichlorofluoromethane	210C2R1	0.00e+0		1.14e+1	lbs/hr	
Trichlorofluoromethane	210C2R2	0.00e+0		1.17e+1	lbs/hr	
Trichlorofluoromethane	210C2R3	0.00e+0		1.01e+1	lbs/hr	

6. Description: BULK SOLIDS
 Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: SOLID

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Chlorine	210C1R1	1.66e+4	ug/g	3.34e+2	lbs/hr	CC
Chlorine	210C1R2	1.77e+4	ug/g	3.58e+2	lbs/hr	CC
Chlorine	210C1R3	2.07e+4	ug/g	3.75e+2	lbs/hr	CC
Chlorine	210C2R1	0.00e+0		2.20e+2	lbs/hr	
Chlorine	210C2R2	0.00e+0		3.17e+2	lbs/hr	
Chlorine	210C2R3	0.00e+0		2.33e+2	lbs/hr	

7. Category: SVOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
1,2-Dichlorobenzene	210C1R1	9.25e+2	ug/g	1.86e+1	lbs/hr	CC
1,2-Dichlorobenzene	210C1R2	9.28e+2	ug/g	1.88e+1	lbs/hr	CC

SECTION 8: OTHER STREAM ANALYSES

1. COMPANY: LWD, INC.

2. STATE: KY

3. CITY: CALVERT CITY

EPA KYD088438817

REGION: 4

4. EP ID: 210 DEVICE NAME: UNIT NO. 3

SYSTEM TYPE: COMMERCIAL INCINERATOR

APC SYSTEM: FF/S

1,2-Dichlorobenzene	210C1R3	1.18e+3	ug/g	2.13e+1	lbs/hr	CC
1,2-Dichlorobenzene	210C2R1	0.00e+0		2.39e+1	lbs/hr	
1,2-Dichlorobenzene	210C2R2	0.00e+0		2.28e+1	lbs/hr	
1,2-Dichlorobenzene	210C2R3	0.00e+0		1.90e+1	lbs/hr	
Hexachloroethane	210C1R1	2.30e+3	ug/g	4.63e+1	lbs/hr	CC
Hexachloroethane	210C1R2	3.24e+3	ug/g	6.56e+1	lbs/hr	CC
Hexachloroethane	210C1R3	2.52e+3	ug/g	4.57e+1	lbs/hr	CC
Hexachloroethane	210C2R1	0.00e+0		4.03e+1	lbs/hr	
Hexachloroethane	210C2R2	0.00e+0		4.04e+1	lbs/hr	
Hexachloroethane	210C2R3	0.00e+0		3.97e+1	lbs/hr	

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Carbon Tetrachloride	210C1R1	1.08e+4	ug/g	2.18e+2	lbs/hr	CC
Carbon Tetrachloride	210C1R2	1.13e+4	ug/g	2.29e+2	lbs/hr	CC
Carbon Tetrachloride	210C1R3	1.38e+4	ug/g	2.50e+2	lbs/hr	CC
Carbon Tetrachloride	210C2R1	0.00e+0		2.20e+2	lbs/hr	
Carbon Tetrachloride	210C2R2	0.00e+0		2.09e+2	lbs/hr	
Carbon Tetrachloride	210C2R3	0.00e+0		1.97e+2	lbs/hr	
Trichlorofluoromethane	210C1R1	4.85e+3	ug/g	9.75e+1	lbs/hr	CC
Trichlorofluoromethane	210C1R2	4.94e+3	ug/g	1.00e+2	lbs/hr	CC
Trichlorofluoromethane	210C1R3	6.13e+3	ug/g	1.11e+2	lbs/hr	CC
Trichlorofluoromethane	210C2R1	0.00e+0		4.99e+1	lbs/hr	
Trichlorofluoromethane	210C2R2	0.00e+0		5.00e+1	lbs/hr	
Trichlorofluoromethane	210C2R3	0.00e+0		4.29e+1	lbs/hr	

SECTION 8: OTHER STREAM ANALYSES

1. COMPANY: LWD, INC.

2. STATE: KY

3. CITY: CALVERT CITY

EPA ID: KYD088438817

REGION: 4

4. EP ID: 211 DEVICE NAME: UNIT NO. 1

SYSTEM TYPE: COMMERCIAL INCINERATOR

APC SYSTEM: FF/S

5. Type: WASTE

6. Description: AQUEOUS - 14

Group: ROTARY KILN

Location: PRIMARY CHAMBER

Phase: LIQUID

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Chlorine	211C1R1	1.22e+5 ug/g	3.97e+2 lbs/hr	CC
Chlorine	211C1R2	1.03e+5 ug/g	3.72e+2 lbs/hr	CC
Chlorine	211C1R3	1.12e+5 ug/g	3.53e+2 lbs/hr	CC

7. Category: SVOC

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
1,2-Dichlorobenzene	211C1R1	1.55e+4 ug/g	5.02e+1 lbs/hr	CC
1,2-Dichlorobenzene	211C1R2	1.11e+4 ug/g	4.01e+1 lbs/hr	CC
1,2-Dichlorobenzene	211C1R3	1.32e+4 ug/g	4.14e+1 lbs/hr	CC

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Tetrachloroethene	211C1R1	9.76e+4 ug/g	3.17e+2 lbs/hr	CC
Tetrachloroethene	211C1R2	7.97e+4 ug/g	2.87e+2 lbs/hr	CC
Tetrachloroethene	211C1R3	8.48e+4 ug/g	2.67e+2 lbs/hr	CC
Trichlorofluoromethane	211C1R1	2.56e+4 ug/g	8.31e+1 lbs/hr	CC
Trichlorofluoromethane	211C1R2	3.05e+4 ug/g	1.10e+2 lbs/hr	CC
Trichlorofluoromethane	211C1R3	3.49e+4 ug/g	1.10e+2 lbs/hr	CC

6. Description: AQUEOUS - 15

Group: ROTARY KILN

Location: PRIMARY CHAMBER

Phase: LIQUID

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Chlorine	211C1R1	1.15e+5 ug/g	3.31e+2 lbs/hr	CC
Chlorine	211C1R2	1.02e+5 ug/g	3.06e+2 lbs/hr	CC
Chlorine	211C1R3	1.10e+5 ug/g	3.44e+2 lbs/hr	CC

7. Category: SVOC

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
1,2-Dichlorobenzene	211C1R1	1.55e+4 ug/g	4.46e+1 lbs/hr	CC
1,2-Dichlorobenzene	211C1R2	1.06e+4 ug/g	3.20e+1 lbs/hr	CC
1,2-Dichlorobenzene	211C1R3	1.23e+4 ug/g	3.83e+1 lbs/hr	CC

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Tetrachloroethene	211C1R1	9.90e+4 ug/g	2.85e+2 lbs/hr	CC
Tetrachloroethene	211C1R2	8.00e+4 ug/g	2.41e+2 lbs/hr	CC
Tetrachloroethene	211C1R3	8.29e+4 ug/g	2.59e+2 lbs/hr	CC
Trichlorofluoromethane	211C1R1	2.38e+4 ug/g	6.85e+1 lbs/hr	CC
Trichlorofluoromethane	211C1R2	3.09e+4 ug/g	9.31e+1 lbs/hr	CC
Trichlorofluoromethane	211C1R3	3.46e+4 ug/g	1.08e+2 lbs/hr	CC

6. Description: ORGANIC

Group: ROTARY KILN

Location: PRIMARY CHAMBER

Phase: LIQUID

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Chlorine	211C1R1	1.42e+5 ug/g	3.40e+2 lbs/hr	CC
Chlorine	211C1R2	1.03e+5 ug/g	2.00e+2 lbs/hr	CC

SECTION 8: OTHER STREAM ANALYSES

1. COMPANY: LWD, INC.
 2. STATE: KY
 3. CITY: CALVERT CITY
 4. EP ID: 211 DEVICE NAME: UNIT NO. 1

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

REGION: 4

Chlorine	211C1R3	1.43e+5	ug/g	2.77e+2	lbs/hr	CC
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7. Category: SVOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
1,2-Dichlorobenzene	211C1R1	2.01e+4	ug/g	4.82e+1	lbs/hr	CC
1,2-Dichlorobenzene	211C1R2	1.08e+4	ug/g	2.09e+1	lbs/hr	CC
1,2-Dichlorobenzene	211C1R3	1.75e+4	ug/g	3.39e+1	lbs/hr	CC

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Tetrachloroethene	211C1R1	1.26e+5	ug/g	3.02e+2	lbs/hr	CC
Tetrachloroethene	211C1R2	8.31e+4	ug/g	1.61e+2	lbs/hr	CC
Tetrachloroethene	211C1R3	1.06e+5	ug/g	2.05e+2	lbs/hr	CC
Trichlorofluoromethane	211C1R1	3.27e+4	ug/g	7.83e+1	lbs/hr	CC
Trichlorofluoromethane	211C1R2	3.26e+4	ug/g	6.31e+1	lbs/hr	CC
Trichlorofluoromethane	211C1R3	4.12e+4	ug/g	7.97e+1	lbs/hr	CC

SECTION 8: OTHER STREAM ANALYSES

1. COMPANY: LWD, INC.

2. STATE: KY

3. CITY: CALVERT CITY

EPA ID: KYD088438817

REGION: 4

4. EP ID: 212 DEVICE NAME: UNIT NO. 2

SYSTEM TYPE: COMMERCIAL INCINERATOR

APC SYSTEM: FF/S

5. Type: WASTE

6. Description: AQUEOUS

Group: ROTARY KILN

Location: PRIMARY CHAMBER

Phase: LIQUID

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Chlorine	212C1R1	3.64e+5 ug/g	5.71e+2 lbs/hr	CC
Chlorine	212C1R2	2.99e+5 ug/g	4.94e+2 lbs/hr	CC
Chlorine	212C1R3	3.96e+5 ug/g	6.52e+2 lbs/hr	CC

7. Category: SVOC

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
1,2-Dichlorobenzene	212C1R1	4.12e+4 ug/g	6.45e+1 lbs/hr	CC
1,2-Dichlorobenzene	212C1R2	3.14e+4 ug/g	5.20e+1 lbs/hr	CC
1,2-Dichlorobenzene	212C1R3	3.78e+4 ug/g	6.21e+1 lbs/hr	CC
Hexachloroethane	212C1R1	3.75e+1 ug/g	5.88e-2 lbs/hr	CC
Hexachloroethane	212C1R2	2.93e+1 ug/g	4.84e-2 lbs/hr	CC
Hexachloroethane	212C1R3	3.62e+1 ug/g	5.95e-2 lbs/hr	CC

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Carbon Tetrachloride	212C1R1	3.81e+5 ug/g	5.97e+2 lbs/hr	CC
Carbon Tetrachloride	212C1R2	3.09e+5 ug/g	5.11e+2 lbs/hr	CC
Carbon Tetrachloride	212C1R3	4.15e+5 ug/g	6.83e+2 lbs/hr	CC

6. Description: BULK SOLIDS

Group: ROTARY KILN

Location: PRIMARY CHAMBER

Phase: SOLID

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Chlorine	212C1R1	2.78e+4 ug/g	2.74e+2 lbs/hr	CC
Chlorine	212C1R2	2.95e+4 ug/g	2.85e+2 lbs/hr	CC
Chlorine	212C1R3	3.16e+4 ug/g	3.08e+2 lbs/hr	CC

7. Category: SVOC

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
1,2-Dichlorobenzene	212C1R1	2.67e+3 ug/g	2.63e+1 lbs/hr	CC
1,2-Dichlorobenzene	212C1R2	2.73e+3 ug/g	2.64e+1 lbs/hr	CC
1,2-Dichlorobenzene	212C1R3	2.64e+3 ug/g	2.57e+1 lbs/hr	CC
Hexachloroethane	212C1R1	1.61e+3 ug/g	1.59e+1 lbs/hr	CC
Hexachloroethane	212C1R2	1.70e+3 ug/g	1.64e+1 lbs/hr	CC
Hexachloroethane	212C1R3	1.60e+3 ug/g	1.56e+1 lbs/hr	CC

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Carbon Tetrachloride	212C1R1	3.03e+4 ug/g	2.99e+2 lbs/hr	CC
Carbon Tetrachloride	212C1R2	3.29e+4 ug/g	3.18e+2 lbs/hr	CC
Carbon Tetrachloride	212C1R3	3.15e+4 ug/g	3.07e+2 lbs/hr	CC

6. Description: PACKAGED

Group: ROTARY KILN

Location: PRIMARY CHAMBER

Phase: SOLID

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Chlorine	212C1R1	3.55e+4 ug/g	3.00e+1 lbs/hr	CC
Chlorine	212C1R2	3.64e+4 ug/g	3.15e+1 lbs/hr	CC

SECTION 8: OTHER STREAM ANALYSES

1. COMPANY: LWD, INC.

2. STATE: KY

3. CITY: CALVERT CITY

EPA KYD088438817

REGION: 4

4. EP ID: 212 DEVICE NAME: UNIT NO. 2

SYSTEM TYPE: COMMERCIAL INCINERATOR

APC SYSTEM: FF/S

Chlorine	212C1R3	3.48e+4	ug/g	2.72e+1	lbs/hr	CC
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7. Category: SVOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
1,2-Dichlorobenzene	212C1R1	1.36e+3	ug/g	1.15e+0	lbs/hr	CC
1,2-Dichlorobenzene	212C1R2	1.56e+3	ug/g	1.35e+0	lbs/hr	CC
1,2-Dichlorobenzene	212C1R3	1.34e+3	ug/g	1.05e+0	lbs/hr	CC
Hexachloroethane	212C1R1	1.86e+4	ug/g	1.57e+1	lbs/hr	CC
Hexachloroethane	212C1R2	1.89e+4	ug/g	1.64e+1	lbs/hr	CC
Hexachloroethane	212C1R3	1.99e+4	ug/g	1.56e+1	lbs/hr	CC

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Carbon Tetrachloride	212C1R1	1.60e+4	ug/g	1.35e+1	lbs/hr	CC
Carbon Tetrachloride	212C1R2	1.63e+4	ug/g	1.41e+1	lbs/hr	CC
Carbon Tetrachloride	212C1R3	1.41e+4	ug/g	1.10e+1	lbs/hr	CC

6. Description: ORGANIC

Group: ROTARY KILN

Location: PRIMARY CHAMBER

Phase: LIQUID

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Chlorine	212C1R1	1.80e+5	ug/g	1.94e+2	lbs/hr	CC
Chlorine	212C1R2	1.49e+5	ug/g	2.16e+2	lbs/hr	CC
Chlorine	212C1R3	2.59e+5	ug/g	2.80e+2	lbs/hr	CC

7. Category: SVOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
1,2-Dichlorobenzene	212C1R1	1.85e+4	ug/g	1.99e+1	lbs/hr	CC
1,2-Dichlorobenzene	212C1R2	1.44e+4	ug/g	2.08e+1	lbs/hr	CC
1,2-Dichlorobenzene	212C1R3	2.05e+4	ug/g	2.22e+1	lbs/hr	CC
Hexachloroethane	212C1R1	1.57e+1	ug/g	1.69e-2	lbs/hr	CC
Hexachloroethane	212C1R2	1.62e+1	ug/g	2.35e-2	lbs/hr	CC
Hexachloroethane	212C1R3	2.16e+1	ug/g	2.34e-2	lbs/hr	CC

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Carbon Tetrachloride	212C1R1	1.61e+5	ug/g	1.73e+2	lbs/hr	CC
Carbon Tetrachloride	212C1R2	1.36e+5	ug/g	1.97e+2	lbs/hr	CC
Carbon Tetrachloride	212C1R3	2.05e+5	ug/g	2.22e+2	lbs/hr	CC

6. Description:

Group: ROTARY KILN

Location: PRIMARY CHAMBER

Phase: SLUDGE

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Chlorine	212C1R1	1.20e+5	ug/g	1.39e+2	lbs/hr	CC
Chlorine	212C1R2	1.27e+5	ug/g	1.50e+2	lbs/hr	CC
Chlorine	212C1R3	1.25e+5	ug/g	1.62e+2	lbs/hr	CC

7. Category: SVOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
1,2-Dichlorobenzene	212C1R1	1.07e+4	ug/g	1.24e+1	lbs/hr	CC
1,2-Dichlorobenzene	212C1R2	9.39e+3	ug/g	1.11e+1	lbs/hr	CC
1,2-Dichlorobenzene	212C1R3	9.13e+3	ug/g	1.18e+1	lbs/hr	CC

SECTION 8: OTHER STREAM ANALYSES

1. COMPANY: LWD, INC.

2. STATE: KY

3. CITY: CALVERT CITY

EPA ID: KYD088438817

REGION: 4

4. EP ID: 212 DEVICE NAME: UNIT NO. 2

SYSTEM TYPE: COMMERCIAL INCINERATOR

APC SYSTEM: FF/S

Hexachloroethane	212C1R1	8.62e+3	ug/g	9.97e+0	lbs/hr	CC
Hexachloroethane	212C1R2	8.15e+3	ug/g	9.63e+0	lbs/hr	CC
Hexachloroethane	212C1R3	7.89e+3	ug/g	1.02e+1	lbs/hr	CC

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Carbon Tetrachloride	212C1R1	1.25e+5	ug/g	1.45e+2	lbs/hr	CC
Carbon Tetrachloride	212C1R2	1.10e+5	ug/g	1.30e+2	lbs/hr	CC
Carbon Tetrachloride	212C1R3	1.16e+5	ug/g	1.50e+2	lbs/hr	CC

US EPA ARCHIVE DOCUMENT

SECTION 8: OTHER STREAM ANALYSES

1. COMPANY: MILES, INC.

2. STATE: WV

3. CITY: NEW MARTINSVILLE

EPA ID: WVD056866312

REGION: 3

4. EP ID: 340 DEVICE NAME:

SYSTEM TYPE: ONSITE INCINERATOR

APC SYSTEM: WHB/ESP/WS

5. Type: BLOWDOWN

6. Description: SCRUBBER

Group: FLUIDIZED BED

Location: SCRUBBER

Phase: LIQUID

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate	Calc
Carbon Tetrachloride	340C1R1	ND	5.00e-3 mg/l	0.00e+0	
Carbon Tetrachloride	340C1R2	ND	5.00e-3 mg/l	0.00e+0	
Carbon Tetrachloride	340C1R3	ND	5.00e-3 mg/l	0.00e+0	
Carbon Tetrachloride	340C2R1	ND	5.00e-3 mg/l	0.00e+0	
Carbon Tetrachloride	340C2R2	ND	5.00e-3 mg/l	0.00e+0	
Carbon Tetrachloride	340C2R3	ND	5.00e-3 mg/l	0.00e+0	
Chlorobenzene	340C1R1	ND	5.00e-3 mg/l	0.00e+0	
Chlorobenzene	340C1R2	ND	5.00e-3 mg/l	0.00e+0	
Chlorobenzene	340C1R3	ND	5.00e-3 mg/l	0.00e+0	
Chlorobenzene	340C2R1	ND	5.00e-3 mg/l	0.00e+0	
Chlorobenzene	340C2R2	ND	5.00e-3 mg/l	0.00e+0	
Chlorobenzene	340C2R3	ND	5.00e-3 mg/l	0.00e+0	

5. Type: ESP ASH

6. Description:

Group: FLUIDIZED BED

Location: ESP

Phase: SOLID

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate	Calc
Carbon Tetrachloride	340C1R1	ND	2.50e+0 ug/g	0.00e+0	
Carbon Tetrachloride	340C1R2	ND	2.50e+0 ug/g	0.00e+0	
Carbon Tetrachloride	340C1R3	ND	2.50e+0 ug/g	0.00e+0	
Carbon Tetrachloride	340C2R1	ND	2.50e+0 ug/g	0.00e+0	
Carbon Tetrachloride	340C2R2	ND	2.50e+0 ug/g	0.00e+0	
Carbon Tetrachloride	340C2R3	ND	2.50e+0 ug/g	0.00e+0	
Chlorobenzene	340C1R1		1.10e+1 ug/g	0.00e+0	
Chlorobenzene	340C1R2		2.10e+1 ug/g	0.00e+0	
Chlorobenzene	340C1R3		1.30e+1 ug/g	0.00e+0	
Chlorobenzene	340C2R1		7.20e+0 ug/g	0.00e+0	
Chlorobenzene	340C2R2		3.30e+0 ug/g	0.00e+0	
Chlorobenzene	340C2R3	ND	2.50e+0 ug/g	0.00e+0	

5. Type: SPIKE

6. Description: ORGANICS (MONOCHLOROBENZENE)

Group: FLUIDIZED BED

Location: PRIMARY CHAMBER

Phase: LIQUID

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate	Calc
Chlorobenzene	340C1R1	1.00e+6	ug/g	3.90e+1 lbs/hr	CC
Chlorobenzene	340C1R2	1.00e+6	ug/g	3.28e+1 lbs/hr	CC
Chlorobenzene	340C1R3	1.00e+6	ug/g	4.27e+1 lbs/hr	CC
Chlorobenzene	340C2R1	1.00e+6	ug/g	4.12e+1 lbs/hr	CC
Chlorobenzene	340C2R2	1.00e+6	ug/g	6.10e+1 lbs/hr	CC
Chlorobenzene	340C2R3	1.00e+6	ug/g	3.70e+1 lbs/hr	CC

6. Description: ORGANICS (CARBON TETRACHLORIDE)

Group: FLUIDIZED BED

Location: PRIMARY CHAMBER

Phase: LIQUID

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate	Calc
Chlorobenzene	340C2R1	1.00e+6	ug/g	5.12e+1 lbs/hr	CC
Chlorobenzene	340C2R2	1.00e+6	ug/g	5.27e+1 lbs/hr	CC
Chlorobenzene	340C2R3	1.00e+6	ug/g	5.33e+1 lbs/hr	CC

US EPA ARCHIVE DOCUMENT

SECTION 8: OTHER STREAM ANALYSES

1. COMPANY: MILES, INC.

2. STATE: WV

3. CITY: NEW MARTINSVILLE

EPA ID: WVD056866312

REGION: 3

4. EP ID: 340 DEVICE NAME:

SYSTEM TYPE: ONSITE INCINERATOR

APC SYSTEM: WHB/ESP/WS

5. Type: WASTE

6. Description: TDI RESIDUE FEED

Group: FLUIDIZED BED

Location: PRIMARY CHAMBER

Phase: SOLID

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate	Calc
Chlorine	340C1R1	1.48e+4	ug/g	3.10e+1 lbs/hr	CE
Chlorine	340C1R2	1.44e+4	ug/g	3.27e+1 lbs/hr	CE
Chlorine	340C1R3	1.32e+4	ug/g	2.91e+1 lbs/hr	CE
Chlorine	340C2R1	1.05e+4	ug/g	2.52e+1 lbs/hr	CE
Chlorine	340C2R2	1.07e+4	ug/g	2.34e+1 lbs/hr	CE
Chlorine	340C2R3	1.31e+4	ug/g	3.29e+1 lbs/hr	CE

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate	Calc
Antimony	340C1R1	ND	3.50e+0 ug/g	7.34e-3 lbs/hr	CE
Antimony	340C1R2	ND	3.30e+0 ug/g	7.48e-3 lbs/hr	CE
Antimony	340C1R3	ND	3.30e+0 ug/g	7.29e-3 lbs/hr	CE
Antimony	340C2R1	ND	3.30e+0 ug/g	7.93e-3 lbs/hr	CE
Antimony	340C2R2	ND	3.30e+0 ug/g	7.22e-3 lbs/hr	CE
Antimony	340C2R3	ND	3.20e+0 ug/g	8.04e-3 lbs/hr	CE
Arsenic	340C1R1	ND	2.90e+0 ug/g	6.08e-3 lbs/hr	CE
Arsenic	340C1R2	ND	2.80e+0 ug/g	6.35e-3 lbs/hr	CE
Arsenic	340C1R3	ND	2.80e+0 ug/g	6.18e-3 lbs/hr	CE
Arsenic	340C2R1	ND	2.70e+0 ug/g	6.49e-3 lbs/hr	CE
Arsenic	340C2R2	ND	2.70e+0 ug/g	5.90e-3 lbs/hr	CE
Arsenic	340C2R3	ND	2.70e+0 ug/g	6.79e-3 lbs/hr	CE
Barium	340C1R1	ND	1.15e+0 ug/g	2.41e-3 lbs/hr	CE
Barium	340C1R2		8.41e-1 ug/g	1.91e-3 lbs/hr	CE
Barium	340C1R3		9.26e+0 ug/g	2.04e-2 lbs/hr	CE
Barium	340C2R1		6.57e-1 ug/g	1.58e-3 lbs/hr	CE
Barium	340C2R2		6.50e-1 ug/g	1.42e-3 lbs/hr	CE
Barium	340C2R3		1.64e+0 ug/g	4.12e-3 lbs/hr	CE
Beryllium	340C1R1		1.55e+0 ug/g	3.25e-3 lbs/hr	CE
Beryllium	340C1R2		7.85e-1 ug/g	1.78e-3 lbs/hr	CE
Beryllium	340C1R3		4.24e+0 ug/g	9.36e-3 lbs/hr	CE
Beryllium	340C2R1		3.83e-1 ug/g	9.21e-4 lbs/hr	CE
Beryllium	340C2R2		3.25e-1 ug/g	7.11e-4 lbs/hr	CE
Beryllium	340C2R3		4.38e-1 ug/g	1.10e-3 lbs/hr	CE
Cadmium	340C1R1	ND	1.72e-1 ug/g	3.61e-4 lbs/hr	CE
Cadmium	340C1R2	ND	1.68e-1 ug/g	3.81e-4 lbs/hr	CE
Cadmium	340C1R3		4.41e-1 ug/g	9.74e-4 lbs/hr	CE
Cadmium	340C2R1	ND	1.64e-1 ug/g	3.94e-4 lbs/hr	CE
Cadmium	340C2R2	ND	1.62e-1 ug/g	3.54e-4 lbs/hr	CE
Cadmium	340C2R3	ND	1.64e-1 ug/g	4.12e-4 lbs/hr	CE
Chromium	340C1R1		1.82e+1 ug/g	3.82e-2 lbs/hr	CE
Chromium	340C1R2		1.21e+1 ug/g	2.74e-2 lbs/hr	CE
Chromium	340C1R3		1.77e+1 ug/g	3.91e-2 lbs/hr	CE
Chromium	340C2R1		1.35e+1 ug/g	3.25e-2 lbs/hr	CE
Chromium	340C2R2		1.29e+1 ug/g	2.82e-2 lbs/hr	CE
Chromium	340C2R3		1.33e+1 ug/g	3.34e-2 lbs/hr	CE
Lead	340C1R1	ND	2.90e+0 ug/g	6.08e-3 lbs/hr	CE
Lead	340C1R2	ND	2.80e+0 ug/g	6.35e-3 lbs/hr	CE
Lead	340C1R3	ND	2.80e+0 ug/g	6.18e-3 lbs/hr	CE
Lead	340C2R1	ND	2.70e+0 ug/g	6.49e-3 lbs/hr	CE
Lead	340C2R2	ND	2.70e+0 ug/g	5.90e-3 lbs/hr	CE
Lead	340C2R3	ND	2.70e+0 ug/g	6.79e-3 lbs/hr	CE
Mercury	340C1R1	ND	5.50e-2 ug/g	1.15e-4 lbs/hr	CE
Mercury	340C1R2	ND	5.50e-2 ug/g	1.25e-4 lbs/hr	CE
Mercury	340C1R3	ND	4.60e-2 ug/g	1.02e-4 lbs/hr	CE
Mercury	340C2R1	ND	4.50e-2 ug/g	1.08e-4 lbs/hr	CE
Mercury	340C2R2	ND	4.90e-2 ug/g	1.07e-4 lbs/hr	CE
Mercury	340C2R3	ND	4.50e-2 ug/g	1.13e-4 lbs/hr	CE
Silver	340C1R1	ND	1.20e+0 ug/g	2.52e-3 lbs/hr	CE
Silver	340C1R2	ND	1.10e+0 ug/g	2.49e-3 lbs/hr	CE
Silver	340C1R3	ND	1.10e+0 ug/g	2.43e-3 lbs/hr	CE
Silver	340C2R1	ND	1.10e+0 ug/g	2.64e-3 lbs/hr	CE

SECTION 8: OTHER STREAM ANALYSES

1. COMPANY: MILES, INC.

2. STATE: WV

3. CITY: NEW MARTINSVILLE

EPA ID: WVD056866312

REGION: 3

4. EP ID: 340 DEVICE NAME:

SYSTEM TYPE: ONSITE INCINERATOR

APC SYSTEM: WHB/ESP/WS

Silver	340C2R2	ND	1.10e+0	ug/g	2.41e-3	lbs/hr	CE
Silver	340C2R3	ND	1.10e+0	ug/g	2.76e-3	lbs/hr	CE
Thallium	340C1R1	ND	5.70e+0	ug/g	1.20e-2	lbs/hr	CE
Thallium	340C1R2	ND	5.60e+0	ug/g	1.27e-2	lbs/hr	CE
Thallium	340C1R3	ND	5.50e+0	ug/g	1.21e-2	lbs/hr	CE
Thallium	340C2R1	ND	5.50e+0	ug/g	1.32e-2	lbs/hr	CE
Thallium	340C2R2	ND	5.40e+0	ug/g	1.18e-2	lbs/hr	CE
Thallium	340C2R3	ND	5.50e+0	ug/g	1.38e-2	lbs/hr	CE

7. Category: VOC

Analysis:

8. Substance	9. Run ID		Concentration		Mass Rate		Calc
Carbon Tetrachloride	340C1R1	ND	2.50e+0	ug/g	5.24e-3	lbs/hr	CE
Carbon Tetrachloride	340C1R2	ND	2.50e+0	ug/g	5.67e-3	lbs/hr	CE
Carbon Tetrachloride	340C1R3	ND	2.50e+0	ug/g	5.52e-3	lbs/hr	CE
Carbon Tetrachloride	340C2R1	ND	2.50e+0	ug/g	6.01e-3	lbs/hr	CE
Carbon Tetrachloride	340C2R2	ND	2.50e+0	ug/g	5.47e-3	lbs/hr	CE
Carbon Tetrachloride	340C2R3	ND	2.50e+0	ug/g	6.28e-3	lbs/hr	CE
Chlorobenzene	340C1R1		6.10e+0	ug/g	1.28e-2	lbs/hr	CE
Chlorobenzene	340C1R2		2.00e+1	ug/g	4.54e-2	lbs/hr	CE
Chlorobenzene	340C1R3		1.90e+1	ug/g	4.20e-2	lbs/hr	CE
Chlorobenzene	340C2R1		2.50e+1	ug/g	6.01e-2	lbs/hr	CE
Chlorobenzene	340C2R2	ND	2.50e+0	ug/g	5.47e-3	lbs/hr	CE
Chlorobenzene	340C2R3		6.60e+0	ug/g	1.66e-2	lbs/hr	CE

6. Description:

Group: FLUIDIZED BED

Location: PRIMARY CHAMBER

Phase: SLUDGE

7. Category: Halogens

Analysis:

8. Substance	9. Run ID		Concentration		Mass Rate		Calc
Chlorine	340C1R1		1.12e+2	ug/g	4.60e-1	lbs/hr	CC
Chlorine	340C1R1		1.29e+4	ug/g	5.31e+1	lbs/hr	CE
Chlorine	340C1R2		1.57e+4	ug/g	6.31e+1	lbs/hr	CE
Chlorine	340C1R3		1.75e+4	ug/g	6.93e+1	lbs/hr	CE
Chlorine	340C2R1		1.69e+4	ug/g	6.42e+1	lbs/hr	CE
Chlorine	340C2R2		1.19e+4	ug/g	4.73e+1	lbs/hr	CE
Chlorine	340C2R3		1.26e+0	ug/g	4.97e-3	lbs/hr	CE

7. Category: Metals

Analysis:

8. Substance	9. Run ID		Concentration		Mass Rate		Calc
Antimony	340C1R1	ND	2.70e+1	ug/g	1.11e-1	lbs/hr	CE
Antimony	340C1R2	ND	3.00e+1	ug/g	1.21e-1	lbs/hr	CE
Antimony	340C1R3	ND	3.20e+1	ug/g	1.27e-1	lbs/hr	CE
Antimony	340C2R1	ND	3.20e+1	ug/g	1.22e-1	lbs/hr	CE
Antimony	340C2R2	ND	2.60e+1	ug/g	1.03e-1	lbs/hr	CE
Antimony	340C2R3	ND	3.00e+1	ug/g	1.18e-1	lbs/hr	CE
Arsenic	340C1R1		5.00e+1	ug/g	2.06e-1	lbs/hr	CE
Arsenic	340C1R2		4.10e+1	ug/g	1.65e-1	lbs/hr	CE
Arsenic	340C1R3		5.40e+1	ug/g	2.14e-1	lbs/hr	CE
Arsenic	340C2R1		1.30e+1	ug/g	4.94e-2	lbs/hr	CE
Arsenic	340C2R2		4.30e+1	ug/g	1.71e-1	lbs/hr	CE
Arsenic	340C2R3		4.00e+1	ug/g	1.58e-1	lbs/hr	CE
Barium	340C1R1		2.26e+2	ug/g	9.30e-1	lbs/hr	CE
Barium	340C1R2		2.20e+2	ug/g	8.84e-1	lbs/hr	CE
Barium	340C1R3		1.94e+2	ug/g	7.68e-1	lbs/hr	CE
Barium	340C2R1		9.21e+1	ug/g	3.50e-1	lbs/hr	CE
Barium	340C2R2		1.64e+2	ug/g	6.52e-1	lbs/hr	CE
Barium	340C2R3		2.10e+2	ug/g	8.28e-1	lbs/hr	CE
Beryllium	340C1R1		8.17e+1	ug/g	3.36e-1	lbs/hr	CE
Beryllium	340C1R2		8.99e+1	ug/g	3.61e-1	lbs/hr	CE
Beryllium	340C1R3		7.68e+1	ug/g	3.04e-1	lbs/hr	CE
Beryllium	340C2R1		3.80e+1	ug/g	1.44e-1	lbs/hr	CE
Beryllium	340C2R2		6.69e+1	ug/g	2.66e-1	lbs/hr	CE
Beryllium	340C2R3		7.68e+1	ug/g	3.03e-1	lbs/hr	CE
Cadmium	340C1R1		2.12e-1	ug/g	8.72e-4	lbs/hr	CE
Cadmium	340C1R2		2.57e-1	ug/g	1.03e-3	lbs/hr	CE

SECTION 8: OTHER STREAM ANALYSES

1. COMPANY: MILES, INC.

2. STATE: WV

3. CITY: NEW MARTINSVILLE

EPA ID: WVD056866312

REGION: 3

4. EP ID: 340 DEVICE NAME:

SYSTEM TYPE: ONSITE INCINERATOR

APC SYSTEM: WHB/ESP/WS

Cadmium	340C1R3		1.80e-1	ug/g	7.13e-4	lbs/hr	CE
Cadmium	340C2R1	ND	1.35e-1	ug/g	5.13e-4	lbs/hr	CE
Cadmium	340C2R2	ND	1.49e-1	ug/g	5.92e-4	lbs/hr	CE
Cadmium	340C2R3		1.63e-1	ug/g	6.43e-4	lbs/hr	CE
Chromium	340C1R1		1.43e+2	ug/g	5.88e-1	lbs/hr	CE
Chromium	340C1R2		1.38e+2	ug/g	5.54e-1	lbs/hr	CE
Chromium	340C2R1		5.73e+1	ug/g	2.18e-1	lbs/hr	CE
Chromium	340C2R2		1.00e+2	ug/g	3.98e-1	lbs/hr	CE
Chromium	340C2R3		1.28e+2	ug/g	5.05e-1	lbs/hr	CE
Lead	340C1R1		5.00e+1	ug/g	2.06e-1	lbs/hr	CE
Lead	340C1R2		3.50e+1	ug/g	1.41e-1	lbs/hr	CE
Lead	340C1R3		4.20e+1	ug/g	1.66e-1	lbs/hr	CE
Lead	340C2R1		2.30e+1	ug/g	8.74e-2	lbs/hr	CE
Lead	340C2R2		2.70e+1	ug/g	1.07e-1	lbs/hr	CE
Lead	340C2R3		3.80e+1	ug/g	1.50e-1	lbs/hr	CE
Mercury	340C1R1		6.20e-1	ug/g	2.55e-3	lbs/hr	CE
Mercury	340C1R2		6.50e-1	ug/g	2.61e-3	lbs/hr	CE
Mercury	340C1R3		7.00e-1	ug/g	2.77e-3	lbs/hr	CE
Mercury	340C2R1		7.20e-1	ug/g	2.74e-3	lbs/hr	CE
Mercury	340C2R2		6.70e-1	ug/g	2.66e-3	lbs/hr	CE
Mercury	340C2R3		6.40e-1	ug/g	2.52e-3	lbs/hr	CE
Silver	340C1R1	ND	8.80e+0	ug/g	3.62e-2	lbs/hr	CE
Silver	340C1R2	ND	9.90e+0	ug/g	3.98e-2	lbs/hr	CE
Silver	340C1R3	ND	1.10e+1	ug/g	4.36e-2	lbs/hr	CE
Silver	340C2R1	ND	1.10e+1	ug/g	4.18e-2	lbs/hr	CE
Silver	340C2R2	ND	8.80e+0	ug/g	3.50e-2	lbs/hr	CE
Silver	340C2R3	ND	1.00e+0	ug/g	3.94e-3	lbs/hr	CE
Thallium	340C1R1	ND	3.00e+1	ug/g	1.23e-1	lbs/hr	CE
Thallium	340C1R2	ND	5.00e+1	ug/g	2.01e-1	lbs/hr	CE
Thallium	340C1R3	ND	4.00e+1	ug/g	1.58e-1	lbs/hr	CE
Thallium	340C2R1	ND	5.00e+1	ug/g	1.90e-1	lbs/hr	CE
Thallium	340C2R2	ND	5.00e+1	ug/g	1.99e-1	lbs/hr	CE
Thallium	340C2R3	ND	4.00e+1	ug/g	1.58e-1	lbs/hr	CE

7. Category: Particulate

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate	Calc
Particulate	340C1R1	1.53e+2	ug/g	6.30e-1	OC

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate	Calc		
Carbon Tetrachloride	340C1R1	ND	5.00e+0	ug/g	2.06e-2	lbs/hr	CE
Carbon Tetrachloride	340C1R2	ND	5.00e+0	ug/g	2.01e-2	lbs/hr	CE
Carbon Tetrachloride	340C1R3	ND	5.00e+0	ug/g	1.98e-2	lbs/hr	CE
Carbon Tetrachloride	340C2R1	ND	2.50e+0	ug/g	9.50e-3	lbs/hr	CE
Carbon Tetrachloride	340C2R2	ND	2.50e+0	ug/g	9.94e-3	lbs/hr	CE
Carbon Tetrachloride	340C2R3	ND	2.50e+0	ug/g	9.86e-3	lbs/hr	CE
Chlorobenzene	340C1R1		3.70e+2	ug/g	1.52e+0	lbs/hr	CE
Chlorobenzene	340C1R2		4.30e+2	ug/g	1.73e+0	lbs/hr	CE
Chlorobenzene	340C1R3		4.60e+2	ug/g	1.82e+0	lbs/hr	CE
Chlorobenzene	340C2R1		2.30e+2	ug/g	8.74e-1	lbs/hr	CE
Chlorobenzene	340C2R2		2.50e+2	ug/g	9.94e-1	lbs/hr	CE
Chlorobenzene	340C2R3		4.00e+2	ug/g	1.58e+0	lbs/hr	CE

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

Group: FLUIDIZED BED

Location: PRIMARY CHAMBER

Phase: LIQUID

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate	Calc		
Chlorine	340C1R1		1.14e+5	ug/g	3.89e+1	lbs/hr	CE
Chlorine	340C1R2		8.93e+4	ug/g	2.36e+1	lbs/hr	CE
Chlorine	340C1R3		1.99e+5	ug/g	7.14e+1	lbs/hr	CE
Chlorine	340C2R1		1.33e+5	ug/g	3.32e+1	lbs/hr	CE
Chlorine	340C2R2		1.84e+4	ug/g	4.40e+0	lbs/hr	CE
Chlorine	340C2R3		5.10e+3	ug/g	8.84e-1	lbs/hr	CE

SECTION 8: OTHER STREAM ANALYSES

1. COMPANY: MILES, INC.
 2. STATE: WV
 3. CITY: NEW MARTINSVILLE
 4. EP ID: 340 DEVICE NAME:

EPA ID: WVD056866312
 SYSTEM TYPE: ONSITE INCINERATOR

REGION: 3
 APC SYSTEM: WHB/ESP/WS

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate	Calc
Antimony	340C1R1	ND	3.00e+0 ug/g	1.03e-3 lbs/hr	CE
Antimony	340C1R2	ND	3.00e+0 ug/g	7.94e-4 lbs/hr	CE
Antimony	340C1R3	ND	2.90e+0 ug/g	1.04e-3 lbs/hr	CE
Antimony	340C2R1	ND	2.90e+0 ug/g	7.25e-4 lbs/hr	CE
Antimony	340C2R2	ND	2.70e+0 ug/g	6.46e-4 lbs/hr	CE
Antimony	340C2R3	ND	3.00e+0 ug/g	5.20e-4 lbs/hr	CE
Arsenic	340C1R1	ND	2.50e+0 ug/g	8.54e-4 lbs/hr	CE
Arsenic	340C1R2	ND	2.50e+0 ug/g	6.62e-4 lbs/hr	CE
Arsenic	340C1R3	ND	2.40e+0 ug/g	8.59e-4 lbs/hr	CE
Arsenic	340C2R1	ND	2.50e+0 ug/g	6.25e-4 lbs/hr	CE
Arsenic	340C2R2	ND	2.20e+0 ug/g	5.26e-4 lbs/hr	CE
Arsenic	340C2R3	ND	2.50e+0 ug/g	4.33e-4 lbs/hr	CE
Barium	340C1R1	ND	9.90e-2 ug/g	3.38e-5 lbs/hr	CE
Barium	340C1R2	ND	9.90e-2 ug/g	2.62e-5 lbs/hr	CE
Barium	340C1R3	ND	9.81e-2 ug/g	3.51e-5 lbs/hr	CE
Barium	340C2R1	ND	9.80e-2 ug/g	2.45e-5 lbs/hr	CE
Barium	340C2R2	ND	9.00e-2 ug/g	2.15e-5 lbs/hr	CE
Barium	340C2R3	ND	9.80e-2 ug/g	1.70e-5 lbs/hr	CE
Beryllium	340C1R1	ND	9.90e-2 ug/g	3.38e-5 lbs/hr	CE
Beryllium	340C1R2	ND	9.90e-2 ug/g	2.62e-5 lbs/hr	CE
Beryllium	340C1R3	ND	9.80e-2 ug/g	3.51e-5 lbs/hr	CE
Beryllium	340C2R1	ND	9.80e-2 ug/g	2.45e-5 lbs/hr	CE
Beryllium	340C2R2	ND	9.00e-2 ug/g	2.15e-5 lbs/hr	CE
Beryllium	340C2R3	ND	9.80e-2 ug/g	1.70e-5 lbs/hr	CE
Cadmium	340C1R1	ND	1.49e-1 ug/g	5.09e-5 lbs/hr	CE
Cadmium	340C1R2	ND	1.48e-1 ug/g	3.92e-5 lbs/hr	CE
Cadmium	340C1R3	ND	1.47e-1 ug/g	5.26e-5 lbs/hr	CE
Cadmium	340C2R1	ND	1.47e-1 ug/g	3.67e-5 lbs/hr	CE
Cadmium	340C2R2	ND	1.35e-1 ug/g	3.23e-5 lbs/hr	CE
Cadmium	340C2R3	ND	1.48e-1 ug/g	2.56e-5 lbs/hr	CE
Chromium	340C1R1		2.92e+0 ug/g	9.98e-4 lbs/hr	CE
Chromium	340C1R2		2.67e+0 ug/g	7.07e-4 lbs/hr	CE
Chromium	340C1R3	ND	1.96e-1 ug/g	7.02e-5 lbs/hr	CE
Chromium	340C2R1	ND	1.97e-1 ug/g	4.92e-5 lbs/hr	CE
Chromium	340C2R2	ND	1.80e-1 ug/g	4.31e-5 lbs/hr	CE
Chromium	340C2R3	ND	1.97e-1 ug/g	3.41e-5 lbs/hr	CE
Lead	340C1R1	ND	2.50e+0 ug/g	8.54e-4 lbs/hr	CE
Lead	340C1R2	ND	2.50e+0 ug/g	6.62e-4 lbs/hr	CE
Lead	340C1R3	ND	2.40e+0 ug/g	8.59e-4 lbs/hr	CE
Lead	340C2R1	ND	2.50e+0 ug/g	6.25e-4 lbs/hr	CE
Lead	340C2R2	ND	2.20e+0 ug/g	5.26e-4 lbs/hr	CE
Lead	340C2R3	ND	2.50e+0 ug/g	4.33e-4 lbs/hr	CE
Mercury	340C1R1	ND	1.82e+1 ug/g	6.21e-3 lbs/hr	CE
Mercury	340C1R2	ND	7.14e+0 ug/g	1.89e-3 lbs/hr	CE
Mercury	340C1R3	ND	1.67e+0 ug/g	5.97e-4 lbs/hr	CE
Mercury	340C2R1	ND	1.67e+0 ug/g	4.17e-4 lbs/hr	CE
Mercury	340C2R2	ND	1.67e+1 ug/g	3.99e-3 lbs/hr	CE
Mercury	340C2R3	ND	2.00e+0 ug/g	3.47e-4 lbs/hr	CE
Silver	340C1R1	ND	9.90e-1 ug/g	3.38e-4 lbs/hr	CE
Silver	340C1R2	ND	9.90e-1 ug/g	2.62e-4 lbs/hr	CE
Silver	340C1R3	ND	9.80e-1 ug/g	3.51e-4 lbs/hr	CE
Silver	340C2R1	ND	9.80e-1 ug/g	2.45e-4 lbs/hr	CE
Silver	340C2R2	ND	9.00e-1 ug/g	2.15e-4 lbs/hr	CE
Silver	340C2R3	ND	9.80e-1 ug/g	1.70e-4 lbs/hr	CE
Thallium	340C1R1	ND	5.00e+0 ug/g	1.71e-3 lbs/hr	CE
Thallium	340C1R2	ND	4.90e-1 ug/g	1.30e-4 lbs/hr	CE
Thallium	340C1R3	ND	4.90e+0 ug/g	1.75e-3 lbs/hr	CE
Thallium	340C2R1	ND	4.90e+0 ug/g	1.22e-3 lbs/hr	CE
Thallium	340C2R2	ND	4.50e+0 ug/g	1.08e-3 lbs/hr	CE
Thallium	340C2R3	ND	4.90e+0 ug/g	8.49e-4 lbs/hr	CE

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate	Calc
Carbon Tetrachloride	340C1R1		1.10e+5 ug/g	3.76e+1 lbs/hr	CE

SECTION 8: OTHER STREAM ANALYSES

1. COMPANY: MILES, INC.

2. STATE: WV

3. CITY: NEW MARTINSVILLE

EPA ID: WVD056866312

REGION: 3

4. EP ID: 340 DEVICE NAME:

SYSTEM TYPE: ONSITE INCINERATOR

APC SYSTEM: WHB/ESP/WS

Carbon Tetrachloride	340C1R2		6.20e+4	ug/g	1.64e+1	lbs/hr	CE
Carbon Tetrachloride	340C1R3		1.40e+5	ug/g	5.01e+1	lbs/hr	CE
Carbon Tetrachloride	340C2R1		1.60e+5	ug/g	4.00e+1	lbs/hr	CE
Carbon Tetrachloride	340C2R2		7.20e+3	ug/g	1.72e+0	lbs/hr	CE
Carbon Tetrachloride	340C2R3	ND	2.50e+3	ug/g	4.33e-1	lbs/hr	CE
Chlorobenzene	340C1R1		2.50e+4	ug/g	8.54e+0	lbs/hr	CE
Chlorobenzene	340C1R2		1.10e+4	ug/g	2.91e+0	lbs/hr	CE
Chlorobenzene	340C1R3		9.20e+3	ug/g	3.29e+0	lbs/hr	CE
Chlorobenzene	340C2R1		8.00e+3	ug/g	2.00e+0	lbs/hr	CE
Chlorobenzene	340C2R2		3.60e+3	ug/g	8.61e-1	lbs/hr	CE
Chlorobenzene	340C2R3		3.80e+3	ug/g	6.59e-1	lbs/hr	CE

US EPA ARCHIVE DOCUMENT