SECTION 8: OTHER STREAM ANALYSES

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

5. Type: FUEL

6. Description: FUEL OIL/SPIKED ORGANIC (TCE, TOLUENE)
Group: FLUIDIZED BED Location: SINGLE CHAMBER Phase: LIQUID

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Chlorine	806C2R1	1.14e+2	ug/g	4.41e-2	lbs/hr	CE
Chlorine	806C2R2	5.08e+1	ug/g	1.95e-2	lbs/hr	CE
Chlorine	806C2R3	1.52e+1	ug/g	6.58e-3	lbs/hr	CE

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
1,1,1-Trichloroethane	806C2R1	1.43e+2	ug/g	5.53e-2	lbs/hr	CE
1,1,1-Trichloroethane	806C2R2	6.37e+1	ug/g	2.45e-2	lbs/hr	CE
1,1,1-Trichloroethane	806C2R3	1.91e+1	ug/g	8.25e-3	lbs/hr	CE
Toluene	806C2R1	9.03e+2	ug/g	3.50e-1	lbs/hr	CE
Toluene	806C2R2	9.91e+2	ug/g	3.81e-1	lbs/hr	CE
Toluene	806C2R3	8.77e+2	ug/g	3.79e-1	lbs/hr	CE

5. Type: WASTE

6. Description: DAF CAKE,SPIKED ORGANICS (TOLUENE,TCE)
Group: FLUIDIZED BED Location: SINGLE CHAMBER Phase: SOLID

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Chlorine	806C2R1	3.52e+0	ug/g	5.78e-2	lbs/hr	CE

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
1,1,1-Trichloroethane	806C2R1	4.42e+0	ug/g	7.26e-2	lbs/hr	CE
Toluene	806C1R1	1.76e+1	ug/g	1.06e+0	lbs/hr	CE
Toluene	806C1R2	3.03e+1	ug/g	9.93e-1	lbs/hr	CE
Toluene	806C1R3	3.15e+1	ug/g	1.59e+0	lbs/hr	CE
Toluene	806C2R1	2.73e+1	ug/g	4.49e-1	lbs/hr	CE
Toluene	806C2R2	1.83e+1	ug/g	5.13e-1	lbs/hr	CE
Toluene	806C2R3	2.46e+1	ug/g	9.15e-1	lbs/hr	CE

6. Description: API SLUDGE,SPIKED ORGANICS (TOLUENE)
Group: FLUIDIZED BED Location: SINGLE CHAMBER Phase: SLUDGE

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Toluene	806C1R1	3.73e+1	ug/g	5.46e-2	lbs/hr	CE
Toluene	806C1R2	2.93e+1	ug/g	3.62e-2	lbs/hr	CE
Toluene	806C1R3	2.74e+1	ug/g	4.05e-2	lbs/hr	CE
Toluene	806C2R1	2.38e+1	ug/g	6.29e-2	lbs/hr	CE
Toluene	806C2R2	2.97e+1	ug/g	8.57e-2	lbs/hr	CE
Toluene	806C2R3	3.16e+1	ug/g	8.98e-2	lbs/hr	CE

SECTION 8: OTHER STREAM ANALYSES

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

5. Type: WASTE

6. Description: AQUEOUS
Group: ROTARY KILN Location: SECONDARY CHAMBER Phase: LIQUID

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Chlorine	325C1R1	3.00e+2	ug/g	6.07e-1	lbs/hr	CE
Chlorine	325C1R2	3.00e+2	ug/g	4.30e-1	lbs/hr	CE
Chlorine	325C1R3	3.00e+2	ug/g	3.22e-1	lbs/hr	CE
Chlorine	325C2R1	3.00e+2	ug/g	1.59e-1	lbs/hr	CE
Chlorine	325C2R2	2.00e+2	ug/g	1.47e-1	lbs/hr	CE
Chlorine	325C2R3	2.00e+2	ug/g	1.83e-1	lbs/hr	CE
Chlorine	325C3R1	3.20e+2	ug/g	3.05e-1	lbs/hr	CE
Chlorine	325C3R2	3.00e+2	ug/g	2.94e-1	lbs/hr	CE
Chlorine	325C4R1	2.93e+5	ug/g	6.49e+2	lbs/hr	CE
Chlorine	325C4R2	3.14e+5	ug/g	5.96e+2	lbs/hr	CE
Chlorine	325C4R3	2.78e+5	ug/g	5.39e+2	lbs/hr	CE
Chlorine	325C5R1	3.16e+5	ug/g	9.32e+1	lbs/hr	CE
Chlorine	325C5R2	3.15e+5	ug/g	8.82e+1	lbs/hr	CE
Chlorine	325C5R3	2.00e+5	ug/g	5.80e+1	lbs/hr	CE
Chlorine	325C6R1	3.55e+5	ug/g	2.07e+2	lbs/hr	CE
Chlorine	325C6R2	3.60e+5	ug/g	1.80e+2	lbs/hr	CE
Chlorine	325C6R3	3.32e+5	ug/g	9.66e+1	lbs/hr	CE
Chlorine	325C7R1	3.47e+5	ug/g	4.55e+2	lbs/hr	CE
Chlorine	325C7R2	4.03e+5	ug/g	5.03e+2	lbs/hr	CE
Chlorine	325C7R3	3.22e+5	ug/g	3.97e+2	lbs/hr	CE

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Antimony	325C4R1	4.40e-1	ug/g	9.75e-4	lbs/hr	CE
Antimony	325C4R2	4.60e-1	ug/g	8.73e-4	lbs/hr	CE
Antimony	325C4R3	1.30e-1	ug/g	2.52e-4	lbs/hr	CE
Antimony	325C5R1	4.30e-1	ug/g	1.27e-4	lbs/hr	CE
Antimony	325C5R2	3.90e-1	ug/g	1.09e-4	lbs/hr	CE
Antimony	325C5R3	3.70e-1	ug/g	1.07e-4	lbs/hr	CE
Antimony	325C6R1	1.90e-1	ug/g	1.11e-4	lbs/hr	CE
Antimony	325C6R2	5.80e-1	ug/g	2.90e-4	lbs/hr	CE
Antimony	325C6R3	1.50e-1	ug/g	4.36e-5	lbs/hr	CE
Antimony	325C7R1	1.60e-1	ug/g	2.10e-4	lbs/hr	CE
Antimony	325C7R2	4.00e-1	ug/g	5.00e-4	lbs/hr	CE
Antimony	325C7R3	1.40e-1	ug/g	1.73e-4	lbs/hr	CE
Arsenic	325C4R1	8.40e-1	ug/g	1.86e-3	lbs/hr	CE
Arsenic	325C4R2	ND 1.90e-1	ug/g	3.61e-4	lbs/hr	CE
Arsenic	325C4R3	7.50e-1	ug/g	1.45e-3	lbs/hr	CE
Arsenic	325C5R1	8.10e-1	ug/g	2.39e-4	lbs/hr	CE
Arsenic	325C5R2	6.50e-1	ug/g	1.82e-4	lbs/hr	CE
Arsenic	325C5R3	3.80e-1	ug/g	1.10e-4	lbs/hr	CE
Arsenic	325C6R1	1.00e+0	ug/g	5.84e-4	lbs/hr	CE
Arsenic	325C6R2	ND 1.70e-1	ug/g	8.50e-5	lbs/hr	CE
Arsenic	325C6R3	1.02e+0	ug/g	2.97e-4	lbs/hr	CE
Arsenic	325C7R1	7.40e-1	ug/g	9.71e-4	lbs/hr	CE
Arsenic	325C7R2	1.90e-1	ug/g	2.37e-4	lbs/hr	CE
Arsenic	325C7R3	ND 1.90e-1	ug/g	2.34e-4	lbs/hr	CE
Barium	325C4R1	2.40e+0	ug/g	5.32e-3	lbs/hr	CE
Barium	325C4R2	3.00e+0	ug/g	5.69e-3	lbs/hr	CE
Barium	325C4R3	2.40e+0	ug/g	4.65e-3	lbs/hr	CE
Barium	325C5R1	ND 2.40e+0	ug/g	7.08e-4	lbs/hr	CE
Barium	325C5R2	ND 2.40e+0	ug/g	6.72e-4	lbs/hr	CE
Barium	325C5R3	2.40e+0	ug/g	6.96e-4	lbs/hr	CE
Barium	325C6R1	2.40e+0	ug/g	1.40e-3	lbs/hr	CE
Barium	325C6R2	ND 2.40e+0	ug/g	1.20e-3	lbs/hr	CE
Barium	325C6R3	2.40e+0	ug/g	6.98e-4	lbs/hr	CE
Barium	325C7R1	ND 2.40e+0	ug/g	3.15e-3	lbs/hr	CE
Barium	325C7R2	ND 2.40e+0	ug/g	3.00e-3	lbs/hr	CE
Barium	325C7R3	2.40e+0	ug/g	2.96e-3	lbs/hr	CE
Beryllium	325C4R1	1.00e-2	ug/g	2.21e-5	lbs/hr	CE
Beryllium	325C4R2	1.00e-2	ug/g	1.90e-5	lbs/hr	CE
Beryllium	325C4R3	3.00e-2	ug/g	5.82e-5	lbs/hr	CE
Beryllium	325C5R1	1.00e-2	ug/g	2.95e-6	lbs/hr	CE

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

Beryllium	325C5R2		1.00e-2	ug/g	2.80e-6	lbs/hr	CE
Beryllium	325C5R3		1.00e-2	ug/g	2.90e-6	lbs/hr	CE
Beryllium	325C6R1		4.00e-2	ug/g	2.34e-5	lbs/hr	CE
Beryllium	325C6R2		1.00e-2	ug/g	5.00e-6	lbs/hr	CE
Beryllium	325C6R3		1.00e-2	ug/g	2.91e-6	lbs/hr	CE
Beryllium	325C7R1		1.00e-2	ug/g	1.31e-5	lbs/hr	CE
Beryllium	325C7R2		3.00e-2	ug/g	3.75e-5	lbs/hr	CE
Beryllium	325C7R3		1.00e-2	ug/g	1.23e-5	lbs/hr	CE
Cadmium	325C4R1		2.40e-1	ug/g	5.32e-4	lbs/hr	CE
Cadmium	325C4R2		2.10e-1	ug/g	3.99e-4	lbs/hr	CE
Cadmium	325C4R3		3.10e-1	ug/g	6.01e-4	lbs/hr	CE
Cadmium	325C5R1		2.60e-1	ug/g	7.67e-5	lbs/hr	CE
Cadmium	325C5R2		2.40e-1	ug/g	6.72e-5	lbs/hr	CE
Cadmium	325C5R3		2.60e-1	ug/g	7.54e-5	lbs/hr	CE
Cadmium	325C6R1		2.30e-1	ug/g	1.34e-4	lbs/hr	CE
Cadmium	325C6R2		7.30e-1	ug/g	3.65e-4	lbs/hr	CE
Cadmium	325C6R3		2.70e-1	ug/g	7.86e-5	lbs/hr	CE
Cadmium	325C7R1		2.00e-1	ug/g	2.62e-4	lbs/hr	CE
Cadmium	325C7R2		3.00e-1	ug/g	3.75e-4	lbs/hr	CE
Cadmium	325C7R3		2.00e-1	ug/g	2.47e-4	lbs/hr	CE
Chromium	325C4R1		3.70e-1	ug/g	8.20e-4	lbs/hr	CE
Chromium	325C4R2		1.50e-1	ug/g	2.85e-4	lbs/hr	CE
Chromium	325C4R3		5.40e-1	ug/g	1.05e-3	lbs/hr	CE
Chromium	325C5R1	ND	1.00e-1	ug/g	2.95e-5	lbs/hr	CE
Chromium	325C5R2		4.40e-1	ug/g	1.23e-4	lbs/hr	CE
Chromium	325C5R3		3.60e-1	ug/g	1.04e-4	lbs/hr	CE
Chromium	325C6R1		3.50e-1	ug/g	2.04e-4	lbs/hr	CE
Chromium	325C6R2		2.10e-1	ug/g	1.05e-4	lbs/hr	CE
Chromium	325C6R3		1.50e-1	ug/g	4.36e-5	lbs/hr	CE
Chromium	325C7R1		6.30e-1	ug/g	8.27e-4	lbs/hr	CE
Chromium	325C7R2		8.50e-1	ug/g	1.06e-3	lbs/hr	CE
Chromium	325C7R3		5.80e-1	ug/g	7.16e-4	lbs/hr	CE
Lead	325C4R1		8.77e+0	ug/g	1.94e-2	lbs/hr	CE
Lead	325C4R2		6.61e+0	ug/g	1.25e-2	lbs/hr	CE
Lead	325C4R3		8.95e+0	ug/g	1.74e-2	lbs/hr	CE
Lead	325C5R1		1.87e+1	ug/g	5.52e-3	lbs/hr	CE
Lead	325C5R2		1.22e+1	ug/g	3.42e-3	lbs/hr	CE
Lead	325C5R3		1.77e+1	ug/g	5.14e-3	lbs/hr	CE
Lead	325C6R1		6.75e+0	ug/g	3.94e-3	lbs/hr	CE
Lead	325C6R2		1.32e+1	ug/g	6.58e-3	lbs/hr	CE
Lead	325C6R3		6.37e+0	ug/g	1.85e-3	lbs/hr	CE
Lead	325C7R1		2.73e+1	ug/g	3.58e-2	lbs/hr	CE
Lead	325C7R2		3.71e+1	ug/g	4.63e-2	lbs/hr	CE
Lead	325C7R3		2.53e+1	ug/g	3.13e-2	lbs/hr	CE
Mercury	325C4R1		1.90e-1	ug/g	4.21e-4	lbs/hr	CE
Mercury	325C4R2		1.20e-1	ug/g	2.28e-4	lbs/hr	CE
Mercury	325C4R3		4.50e-1	ug/g	8.73e-4	lbs/hr	CE
Mercury	325C5R1		6.00e-1	ug/g	1.77e-4	lbs/hr	CE
Mercury	325C5R2		6.20e-1	ug/g	1.74e-4	lbs/hr	CE
Mercury	325C5R3		3.00e-1	ug/g	8.70e-5	lbs/hr	CE
Mercury	325C6R1		4.50e-1	ug/g	2.63e-4	lbs/hr	CE
Mercury	325C6R2		5.30e-1	ug/g	2.65e-4	lbs/hr	CE
Mercury	325C6R3		2.02e+0	ug/g	5.88e-4	lbs/hr	CE
Mercury	325C7R1		1.16e+0	ug/g	1.52e-3	lbs/hr	CE
Mercury	325C7R2		2.50e-1	ug/g	3.12e-4	lbs/hr	CE
Mercury	325C7R3		7.90e-1	ug/g	9.75e-4	lbs/hr	CE
Nickel	325C4R1		4.13e+0	ug/g	9.15e-3	lbs/hr	CE
Nickel	325C4R2		1.69e+0	ug/g	3.21e-3	lbs/hr	CE
Nickel	325C4R3		2.28e+0	ug/g	4.42e-3	lbs/hr	CE
Nickel	325C5R1		2.10e+0	ug/g	6.20e-4	lbs/hr	CE
Nickel	325C5R2		1.17e+0	ug/g	3.28e-4	lbs/hr	CE
Nickel	325C5R3	ND	1.00e+0	ug/g	2.90e-4	lbs/hr	CE
Nickel	325C6R1		3.42e+0	ug/g	2.00e-3	lbs/hr	CE
Nickel	325C6R2		1.25e+0	ug/g	6.25e-4	lbs/hr	CE
Nickel	325C6R3		3.55e+0	ug/g	1.03e-3	lbs/hr	CE
Nickel	325C7R1		3.79e+0	ug/g	4.97e-3	lbs/hr	CE
Nickel	325C7R2		2.17e+0	ug/g	2.71e-3	lbs/hr	CE
Nickel	325C7R3		1.44e+0	ug/g	1.78e-3	lbs/hr	CE
Selenium	325C4R1	ND	5.00e-2	ug/g	1.11e-4	lbs/hr	CE
Selenium	325C4R2		4.50e-1	ug/g	8.54e-4	lbs/hr	CE
Selenium	325C4R3		5.00e-2	ug/g	9.69e-5	lbs/hr	CE
Selenium	325C5R1	ND	5.00e-2	ug/g	1.47e-5	lbs/hr	CE
Selenium	325C5R2	ND	6.00e-2	ug/g	1.68e-5	lbs/hr	CE

SECTION 8: OTHER STREAM ANALYSES

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

Selenium	325C5R3	ND	5.00e-2	ug/g	1.45e-5	lbs/hr	CE
Selenium	325C6R1	ND	8.00e-2	ug/g	4.67e-5	lbs/hr	CE
Selenium	325C6R2	ND	5.00e-2	ug/g	2.50e-5	lbs/hr	CE
Selenium	325C6R3	ND	6.00e-2	ug/g	1.75e-5	lbs/hr	CE
Selenium	325C7R1	ND	6.00e-2	ug/g	7.87e-5	lbs/hr	CE
Selenium	325C7R2	ND	6.00e-2	ug/g	7.49e-5	lbs/hr	CE
Selenium	325C7R3	ND	6.00e-2	ug/g	7.40e-5	lbs/hr	CE
Silver	325C4R1		3.10e+0	ug/g	6.87e-3	lbs/hr	CE
Silver	325C4R2		3.40e-1	ug/g	6.45e-4	lbs/hr	CE
Silver	325C4R3	ND	5.00e-1	ug/g	9.69e-4	lbs/hr	CE
Silver	325C5R1		4.62e+1	ug/g	1.36e-2	lbs/hr	CE
Silver	325C5R2	ND	5.00e-1	ug/g	1.40e-4	lbs/hr	CE
Silver	325C5R3		6.70e-1	ug/g	1.94e-4	lbs/hr	CE
Silver	325C6R1		8.60e-1	ug/g	5.02e-4	lbs/hr	CE
Silver	325C6R2		3.43e+0	ug/g	1.71e-3	lbs/hr	CE
Silver	325C6R3	ND	5.00e-1	ug/g	1.46e-4	lbs/hr	CE
Silver	325C7R1	ND	5.00e-1	ug/g	6.56e-4	lbs/hr	CE
Silver	325C7R2	ND	5.00e-1	ug/g	6.24e-4	lbs/hr	CE
Silver	325C7R3	ND	5.00e-1	ug/g	6.17e-4	lbs/hr	CE
Thallium	325C4R1	ND	1.80e-1	ug/g	3.99e-4	lbs/hr	CE
Thallium	325C4R2	ND	1.90e-1	ug/g	3.61e-4	lbs/hr	CE
Thallium	325C4R3		2.00e+1	ug/g	3.88e-2	lbs/hr	CE
Thallium	325C5R1	ND	1.80e-1	ug/g	5.31e-5	lbs/hr	CE
Thallium	325C5R2	ND	1.80e-1	ug/g	5.04e-5	lbs/hr	CE
Thallium	325C5R3	ND	1.80e-1	ug/g	5.22e-5	lbs/hr	CE
Thallium	325C6R1	ND	2.50e-1	ug/g	1.46e-4	lbs/hr	CE
Thallium	325C6R2	ND	1.70e-1	ug/g	8.50e-5	lbs/hr	CE
Thallium	325C6R3	ND	2.00e-1	ug/g	5.82e-5	lbs/hr	CE
Thallium	325C7R1	ND	2.10e-1	ug/g	2.76e-4	lbs/hr	CE
Thallium	325C7R2	ND	2.10e-1	ug/g	2.62e-4	lbs/hr	CE
Thallium	325C7R3	ND	1.80e-1	ug/g	2.22e-4	lbs/hr	CE

7. Category: PCB

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
PCBs	325C4R1	1.77e+5	ug/g	3.92e+2	lbs/hr	CE
PCBs	325C4R2	1.79e+5	ug/g	3.40e+2	lbs/hr	CE
PCBs	325C4R3	1.79e+5	ug/g	3.47e+2	lbs/hr	CE
PCBs	325C5R1	1.56e+5	ug/g	4.61e+1	lbs/hr	CE
PCBs	325C5R2	1.20e+5	ug/g	3.35e+1	lbs/hr	CE
PCBs	325C5R3	1.25e+5	ug/g	3.62e+1	lbs/hr	CE
PCBs	325C6R1	2.03e+5	ug/g	1.19e+2	lbs/hr	CE
PCBs	325C6R2	2.13e+5	ug/g	1.07e+2	lbs/hr	CE
PCBs	325C6R3	2.41e+5	ug/g	7.01e+1	lbs/hr	CE
PCBs	325C7R1	1.09e+5	ug/g	1.43e+2	lbs/hr	CE
PCBs	325C7R2	1.42e+5	ug/g	1.77e+2	lbs/hr	CE
PCBs	325C7R3	1.33e+5	ug/g	1.65e+2	lbs/hr	CE

7. Category: SVOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
1,2-Dichlorobenzene	325C4R1	1.37e+5	ug/g	3.03e+2	lbs/hr	CE
1,2-Dichlorobenzene	325C4R2	1.18e+5	ug/g	2.25e+2	lbs/hr	CE
1,2-Dichlorobenzene	325C4R3	1.25e+5	ug/g	2.42e+2	lbs/hr	CE
1,2-Dichlorobenzene	325C5R1	1.21e+5	ug/g	3.58e+1	lbs/hr	CE
1,2-Dichlorobenzene	325C5R2	1.32e+5	ug/g	3.69e+1	lbs/hr	CE
1,2-Dichlorobenzene	325C5R3	1.53e+5	ug/g	4.44e+1	lbs/hr	CE
1,2-Dichlorobenzene	325C6R1	1.43e+5	ug/g	8.37e+1	lbs/hr	CE
1,2-Dichlorobenzene	325C6R2	1.33e+5	ug/g	6.64e+1	lbs/hr	CE
1,2-Dichlorobenzene	325C6R3	1.22e+5	ug/g	3.55e+1	lbs/hr	CE
1,2-Dichlorobenzene	325C7R1	1.65e+5	ug/g	2.17e+2	lbs/hr	CE
1,2-Dichlorobenzene	325C7R2	1.52e+5	ug/g	1.90e+2	lbs/hr	CE
1,2-Dichlorobenzene	325C7R3	6.57e+4	ug/g	8.11e+1	lbs/hr	CE
Hexachloroethane	325C7R2	2.52e+1	ug/g	3.14e-2	lbs/hr	CE

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Carbon Tetrachloride	325C4R1	1.08e+5	ug/g	2.39e+2	lbs/hr	CE

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

Carbon Tetrachloride	325C4R2	1.01e+5	ug/g	1.92e+2	lbs/hr	Œ
Carbon Tetrachloride	325C4R3	9.04e+4	ug/g	1.75e+2	lbs/hr	Œ
Carbon Tetrachloride	325C5R1	1.79e+5	ug/g	5.28e+1	lbs/hr	Œ
Carbon Tetrachloride	325C5R2	1.58e+5	ug/g	4.43e+1	lbs/hr	Œ
Carbon Tetrachloride	325C5R3	1.45e+5	ug/g	4.20e+1	lbs/hr	Œ
Carbon Tetrachloride	325C6R1	1.15e+5	ug/g	6.73e+1	lbs/hr	Œ
Carbon Tetrachloride	325C6R2	1.27e+5	ug/g	6.33e+1	lbs/hr	Œ
Carbon Tetrachloride	325C6R3	1.06e+5	ug/g	3.07e+1	lbs/hr	Œ
Carbon Tetrachloride	325C7R1	1.56e+5	ug/g	2.05e+2	lbs/hr	Œ
Carbon Tetrachloride	325C7R2	1.95e+5	ug/g	2.44e+2	lbs/hr	Œ
Carbon Tetrachloride	325C7R3	1.22e+5	ug/g	1.51e+2	lbs/hr	Œ
Chlorobenzene	325C4R1	1.05e+5	ug/g	2.33e+2	lbs/hr	Œ
Chlorobenzene	325C4R2	9.83e+4	ug/g	1.87e+2	lbs/hr	Œ
Chlorobenzene	325C4R3	1.18e+5	ug/g	2.28e+2	lbs/hr	Œ
Chlorobenzene	325C5R1	8.87e+4	ug/g	2.62e+1	lbs/hr	Œ
Chlorobenzene	325C5R2	9.07e+4	ug/g	2.54e+1	lbs/hr	Œ
Chlorobenzene	325C5R3	1.07e+5	ug/g	3.10e+1	lbs/hr	Œ
Chlorobenzene	325C6R1	1.16e+5	ug/g	6.75e+1	lbs/hr	Œ
Chlorobenzene	325C6R2	1.14e+5	ug/g	5.72e+1	lbs/hr	Œ
Chlorobenzene	325C6R3	1.03e+5	ug/g	2.98e+1	lbs/hr	Œ
Chlorobenzene	325C7R1	1.03e+5	ug/g	1.35e+2	lbs/hr	Œ
Chlorobenzene	325C7R2	1.79e+5	ug/g	2.23e+2	lbs/hr	Œ
Chlorobenzene	325C7R3	1.84e+5	ug/g	2.27e+2	lbs/hr	Œ

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

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Antimony	325C4R1	1.72e+0	ug/g	3.26e-3	lbs/hr	Œ
Antimony	325C4R2	3.57e+0	ug/g	7.83e-3	lbs/hr	Œ
Antimony	325C4R3	1.69e+0	ug/g	3.23e-3	lbs/hr	Œ
Antimony	325C5R1	5.07e+0	ug/g	2.57e-3	lbs/hr	Œ
Antimony	325C5R2	7.22e+0	ug/g	4.37e-3	lbs/hr	Œ
Antimony	325C6R1	3.18e+0	ug/g	1.58e-2	lbs/hr	Œ
Antimony	325C6R2	2.61e+0	ug/g	1.76e-2	lbs/hr	Œ
Antimony	325C6R3	3.27e+0	ug/g	1.88e-2	lbs/hr	Œ
Antimony	325C7R1	7.39e+0	ug/g	1.33e-2	lbs/hr	Œ
Antimony	325C7R2	9.88e+0	ug/g	2.43e-2	lbs/hr	Œ
Antimony	325C7R3	9.64e+0	ug/g	2.46e-2	lbs/hr	Œ
Arsenic	325C4R1	3.08e+1	ug/g	5.83e-2	lbs/hr	Œ
Arsenic	325C4R2	3.13e+1	ug/g	6.86e-2	lbs/hr	Œ
Arsenic	325C4R3	4.51e+1	ug/g	8.62e-2	lbs/hr	Œ
Arsenic	325C5R1	8.14e+0	ug/g	4.12e-3	lbs/hr	Œ
Arsenic	325C5R2	5.82e+0	ug/g	3.52e-3	lbs/hr	Œ
Arsenic	325C6R1	2.30e+1	ug/g	1.14e-1	lbs/hr	Œ
Arsenic	325C6R2	1.71e+1	ug/g	1.15e-1	lbs/hr	Œ
Arsenic	325C6R3	1.56e+1	ug/g	8.95e-2	lbs/hr	Œ
Arsenic	325C7R1	2.47e+0	ug/g	4.43e-3	lbs/hr	Œ
Arsenic	325C7R2	5.85e+0	ug/g	1.44e-2	lbs/hr	Œ
Arsenic	325C7R3	7.70e+0	ug/g	1.97e-2	lbs/hr	Œ
Barium	325C4R1	2.14e+2	ug/g	4.05e-1	lbs/hr	Œ
Barium	325C4R2	1.92e+2	ug/g	4.21e-1	lbs/hr	Œ
Barium	325C4R3	2.78e+2	ug/g	5.32e-1	lbs/hr	Œ
Barium	325C5R1	1.44e+2	ug/g	7.29e-2	lbs/hr	Œ
Barium	325C5R2	8.32e+1	ug/g	5.03e-2	lbs/hr	Œ
Barium	325C6R1	2.24e+2	ug/g	1.12e+0	lbs/hr	Œ
Barium	325C6R2	1.49e+2	ug/g	1.00e+0	lbs/hr	Œ
Barium	325C6R3	1.87e+2	ug/g	1.07e+0	lbs/hr	Œ
Barium	325C7R1	4.64e+1	ug/g	8.32e-2	lbs/hr	Œ
Barium	325C7R2	6.77e+2	ug/g	1.66e+0	lbs/hr	Œ
Barium	325C7R3	1.37e+2	ug/g	3.50e-1	lbs/hr	Œ
Beryllium	325C4R1	1.10e+0	ug/g	2.08e-3	lbs/hr	Œ
Beryllium	325C4R2	9.90e-1	ug/g	2.17e-3	lbs/hr	Œ
Beryllium	325C4R3	4.90e-1	ug/g	9.37e-4	lbs/hr	Œ
Beryllium	325C5R1	1.31e+0	ug/g	6.63e-4	lbs/hr	Œ
Beryllium	325C5R2	1.11e+0	ug/g	6.72e-4	lbs/hr	Œ
Beryllium	325C6R1	9.20e-1	ug/g	4.58e-3	lbs/hr	Œ
Beryllium	325C6R2	1.15e+0	ug/g	7.73e-3	lbs/hr	Œ
Beryllium	325C6R3	9.40e-1	ug/g	5.39e-3	lbs/hr	Œ
Beryllium	325C7R1	8.00e-2	ug/g	1.44e-4	lbs/hr	Œ

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

Beryllium	325C7R2	1.02e+0	ug/g	2.51e-3	lbs/hr	Œ
Beryllium	325C7R3	1.27e+0	ug/g	3.25e-3	lbs/hr	Œ
Cadmium	325C4R1	4.76e+0	ug/g	9.01e-3	lbs/hr	Œ
Cadmium	325C4R2	6.04e+0	ug/g	1.32e-2	lbs/hr	Œ
Cadmium	325C4R3	6.14e+0	ug/g	1.17e-2	lbs/hr	Œ
Cadmium	325C5R1	1.25e-1	ug/g	6.33e-5	lbs/hr	Œ
Cadmium	325C5R2	1.95e+0	ug/g	1.18e-3	lbs/hr	Œ
Cadmium	325C6R1	4.24e+0	ug/g	2.11e-2	lbs/hr	Œ
Cadmium	325C6R2	4.89e+0	ug/g	3.29e-2	lbs/hr	Œ
Cadmium	325C6R3	4.30e+0	ug/g	2.47e-2	lbs/hr	Œ
Cadmium	325C7R1	2.01e+0	ug/g	3.61e-3	lbs/hr	Œ
Cadmium	325C7R2	3.56e+0	ug/g	8.75e-3	lbs/hr	Œ
Cadmium	325C7R3	1.62e+0	ug/g	4.14e-3	lbs/hr	Œ
Chromium	325C4R1	4.71e+1	ug/g	8.92e-2	lbs/hr	Œ
Chromium	325C4R2	9.10e+1	ug/g	1.99e-1	lbs/hr	Œ
Chromium	325C4R3	1.16e+2	ug/g	2.22e-1	lbs/hr	Œ
Chromium	325C5R1	2.88e+1	ug/g	1.46e-2	lbs/hr	Œ
Chromium	325C5R2	3.19e+1	ug/g	1.93e-2	lbs/hr	Œ
Chromium	325C6R1	3.88e+1	ug/g	1.93e-1	lbs/hr	Œ
Chromium	325C6R2	3.30e+1	ug/g	2.22e-1	lbs/hr	Œ
Chromium	325C6R3	3.75e+1	ug/g	2.15e-1	lbs/hr	Œ
Chromium	325C7R1	3.75e+1	ug/g	6.73e-2	lbs/hr	Œ
Chromium	325C7R2	4.29e+1	ug/g	1.05e-1	lbs/hr	Œ
Chromium	325C7R3	1.01e+2	ug/g	2.58e-1	lbs/hr	Œ
Lead	325C4R1	9.39e+1	ug/g	1.78e-1	lbs/hr	Œ
Lead	325C4R2	9.85e+1	ug/g	2.16e-1	lbs/hr	Œ
Lead	325C4R3	5.48e+1	ug/g	1.05e-1	lbs/hr	Œ
Lead	325C5R1	3.47e+1	ug/g	1.76e-2	lbs/hr	Œ
Lead	325C5R2	2.89e+1	ug/g	1.75e-2	lbs/hr	Œ
Lead	325C6R1	4.04e+1	ug/g	2.01e-1	lbs/hr	Œ
Lead	325C6R2	4.12e+1	ug/g	2.77e-1	lbs/hr	Œ
Lead	325C6R3	3.38e+1	ug/g	1.94e-1	lbs/hr	Œ
Lead	325C7R1	3.85e+1	ug/g	6.91e-2	lbs/hr	Œ
Lead	325C7R2	4.04e+2	ug/g	9.93e-1	lbs/hr	Œ
Lead	325C7R3	1.21e+2	ug/g	3.09e-1	lbs/hr	Œ
Mercury	325C4R1	6.00e-1	ug/g	1.14e-3	lbs/hr	Œ
Mercury	325C4R2	5.60e-1	ug/g	1.23e-3	lbs/hr	Œ
Mercury	325C4R3	1.12e+0	ug/g	2.14e-3	lbs/hr	Œ
Mercury	325C5R1	4.40e-1	ug/g	2.23e-4	lbs/hr	Œ
Mercury	325C5R2	1.45e+0	ug/g	8.77e-4	lbs/hr	Œ
Mercury	325C6R1	8.10e-1	ug/g	4.03e-3	lbs/hr	Œ
Mercury	325C6R2	8.10e-1	ug/g	5.45e-3	lbs/hr	Œ
Mercury	325C6R3	3.40e-1	ug/g	1.95e-3	lbs/hr	Œ
Mercury	325C7R1	2.20e-1	ug/g	3.95e-4	lbs/hr	Œ
Mercury	325C7R2	3.90e-1	ug/g	9.59e-4	lbs/hr	Œ
Mercury	325C7R3	2.30e-1	ug/g	5.88e-4	lbs/hr	Œ
Nickel	325C4R1	2.84e+1	ug/g	5.38e-2	lbs/hr	Œ
Nickel	325C4R2	5.18e+1	ug/g	1.14e-1	lbs/hr	Œ
Nickel	325C4R3	1.60e+1	ug/g	3.06e-2	lbs/hr	Œ
Nickel	325C5R1	1.78e+1	ug/g	9.01e-3	lbs/hr	Œ
Nickel	325C5R2	1.80e+1	ug/g	1.09e-2	lbs/hr	Œ
Nickel	325C6R1	2.56e+1	ug/g	1.27e-1	lbs/hr	Œ
Nickel	325C6R2	1.57e+1	ug/g	1.06e-1	lbs/hr	Œ
Nickel	325C6R3	1.46e+1	ug/g	8.38e-2	lbs/hr	Œ
Nickel	325C7R1	2.24e+1	ug/g	4.02e-2	lbs/hr	Œ
Nickel	325C7R2	1.10e+2	ug/g	2.70e-1	lbs/hr	Œ
Nickel	325C7R3	1.75e+2	ug/g	4.47e-1	lbs/hr	Œ
Selenium	325C4R1	5.31e+0	ug/g	1.01e-2	lbs/hr	Œ
Selenium	325C4R2	6.46e+0	ug/g	1.42e-2	lbs/hr	Œ
Selenium	325C4R3	7.08e+0	ug/g	1.35e-2	lbs/hr	Œ
Selenium	325C5R1	2.80e-1	ug/g	1.42e-4	lbs/hr	Œ
Selenium	325C5R2	3.20e-1	ug/g	1.94e-4	lbs/hr	Œ
Selenium	325C6R1	3.88e+0	ug/g	1.93e-2	lbs/hr	Œ
Selenium	325C6R2	3.51e+0	ug/g	2.36e-2	lbs/hr	Œ
Selenium	325C6R3	2.64e+0	ug/g	1.51e-2	lbs/hr	Œ
Selenium	325C7R1	1.40e-1	ug/g	2.51e-4	lbs/hr	Œ
Selenium	325C7R2	1.20e-1	ug/g	2.95e-4	lbs/hr	Œ
Selenium	325C7R3	4.40e-1	ug/g	1.13e-3	lbs/hr	Œ
Silver	325C4R1	3.86e+1	ug/g	7.31e-2	lbs/hr	Œ
Silver	325C4R2	6.31e+1	ug/g	1.38e-1	lbs/hr	Œ
Silver	325C4R3	9.04e+1	ug/g	1.73e-1	lbs/hr	Œ
Silver	325C5R1	1.82e+1	ug/g	9.21e-3	lbs/hr	Œ

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

Silver	325C5R2	1.45e+1	ug/g	8.77e-3	lbs/hr	Œ
Silver	325C6R1	2.81e+1	ug/g	1.40e-1	lbs/hr	Œ
Silver	325C6R2	2.16e+1	ug/g	1.45e-1	lbs/hr	Œ
Silver	325C6R3	1.12e+1	ug/g	6.43e-2	lbs/hr	Œ
Silver	325C7R1	1.24e+1	ug/g	2.22e-2	lbs/hr	Œ
Silver	325C7R2	1.29e+1	ug/g	3.17e-2	lbs/hr	Œ
Silver	325C7R3	6.40e+0	ug/g	1.64e-2	lbs/hr	Œ
Thallium	325C4R1	3.88e+0	ug/g	7.34e-3	lbs/hr	Œ
Thallium	325C4R2	3.21e+0	ug/g	7.04e-3	lbs/hr	Œ
Thallium	325C4R3	4.88e+0	ug/g	9.33e-3	lbs/hr	Œ
Thallium	325C5R1	3.82e+0	ug/g	1.93e-3	lbs/hr	Œ
Thallium	325C5R2	3.96e+0	ug/g	2.40e-3	lbs/hr	Œ
Thallium	325C6R1	3.06e+0	ug/g	1.52e-2	lbs/hr	Œ
Thallium	325C6R2	2.43e+0	ug/g	1.63e-2	lbs/hr	Œ
Thallium	325C6R3	2.22e+0	ug/g	1.27e-2	lbs/hr	Œ
Thallium	325C7R1	3.69e+0	ug/g	6.62e-3	lbs/hr	Œ
Thallium	325C7R2	6.24e+0	ug/g	1.53e-2	lbs/hr	Œ
Thallium	325C7R3	5.27e+0	ug/g	1.35e-2	lbs/hr	Œ

7. Category: PCB

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
PCBs	325C4R1	4.90e-1	ug/g	9.28e-4	lbs/hr	Œ
PCBs	325C4R2	7.30e-1	ug/g	1.60e-3	lbs/hr	Œ
PCBs	325C4R3	7.30e-1	ug/g	1.40e-3	lbs/hr	Œ
PCBs	325C5R1	9.50e-1	ug/g	4.81e-4	lbs/hr	Œ
PCBs	325C5R2	1.20e-1	ug/g	7.26e-5	lbs/hr	Œ
PCBs	325C6R1	2.70e+0	ug/g	1.34e-2	lbs/hr	Œ
PCBs	325C6R2	7.60e-1	ug/g	5.11e-3	lbs/hr	Œ
PCBs	325C6R3	2.00e+0	ug/g	1.15e-2	lbs/hr	Œ
PCBs	325C7R1	8.80e-1	ug/g	1.58e-3	lbs/hr	Œ
PCBs	325C7R2	3.78e+0	ug/g	9.29e-3	lbs/hr	Œ
PCBs	325C7R3	5.55e+0	ug/g	1.42e-2	lbs/hr	Œ

7. Category: SVOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
1,2-Dichlorobenzene	325C4R1	2.17e-2	ug/g	4.11e-5	lbs/hr	Œ
1,2-Dichlorobenzene	325C4R2	2.16e+0	ug/g	4.74e-3	lbs/hr	Œ
1,2-Dichlorobenzene	325C4R3	3.20e+0	ug/g	6.12e-3	lbs/hr	Œ
1,2-Dichlorobenzene	325C5R1	7.49e-1	ug/g	3.79e-4	lbs/hr	Œ
1,2-Dichlorobenzene	325C5R2	1.12e-1	ug/g	6.78e-5	lbs/hr	Œ
1,2-Dichlorobenzene	325C6R1	1.27e-1	ug/g	6.31e-4	lbs/hr	Œ
1,2-Dichlorobenzene	325C6R2	4.05e-1	ug/g	2.72e-3	lbs/hr	Œ
1,2-Dichlorobenzene	325C7R1	7.91e+1	ug/g	1.42e-1	lbs/hr	Œ
1,2-Dichlorobenzene	325C7R2	9.68e-1	ug/g	2.38e-3	lbs/hr	Œ
1,2-Dichlorobenzene	325C7R3	5.29e-1	ug/g	1.35e-3	lbs/hr	Œ
Hexachloroethane	325C4R2	2.62e-2	ug/g	5.74e-5	lbs/hr	Œ
Hexachloroethane	325C6R2	2.90e-2	ug/g	1.95e-4	lbs/hr	Œ

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
1,1,2-Trichloroethane	325C7R1	1.00e-3	ug/g	1.79e-6	lbs/hr	Œ
1,1,2-Trichloroethane	325C7R2	2.00e-3	ug/g	4.92e-6	lbs/hr	Œ
Carbon Tetrachloride	325C4R1	9.40e-2	ug/g	1.78e-4	lbs/hr	Œ
Carbon Tetrachloride	325C6R1	1.00e-3	ug/g	4.98e-6	lbs/hr	Œ
Carbon Tetrachloride	325C6R2	1.00e-3	ug/g	6.72e-6	lbs/hr	Œ
Chlorobenzene	325C4R1	6.10e-2	ug/g	1.15e-4	lbs/hr	Œ
Chlorobenzene	325C4R3	2.30e-2	ug/g	4.40e-5	lbs/hr	Œ
Chlorobenzene	325C6R1	2.00e-3	ug/g	9.96e-6	lbs/hr	Œ
Chlorobenzene	325C7R1	1.00e-3	ug/g	1.79e-6	lbs/hr	Œ
Chlorobenzene	325C7R2	4.00e-3	ug/g	9.83e-6	lbs/hr	Œ
Chlorobenzene	325C7R3	1.00e-3	ug/g	2.56e-6	lbs/hr	Œ

6. Description: DIRECT BURN
Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: LIQUID

SECTION 8: OTHER STREAM ANALYSES

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

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate		Calc
Antimony	325C5R1	ND	1.40e-1	ug/g	1.96e-6	lbs/hr	CE
Antimony	325C5R2	ND	1.10e-1	ug/g	3.52e-5	lbs/hr	CE
Antimony	325C5R3	ND	1.50e-1	ug/g	4.44e-5	lbs/hr	CE
Antimony	325C6R1	ND	1.40e-1	ug/g	4.82e-5	lbs/hr	CE
Antimony	325C6R2	ND	1.80e-1	ug/g	1.01e-4	lbs/hr	CE
Antimony	325C6R3	ND	1.80e-1	ug/g	0.00e+0		CE
Antimony	325C7R1	ND	1.50e-1	ug/g	5.40e-5	lbs/hr	CE
Antimony	325C7R2	ND	1.30e-1	ug/g	4.24e-5	lbs/hr	CE
Antimony	325C7R3	ND	1.20e-1	ug/g	3.91e-5	lbs/hr	CE
Arsenic	325C5R1	ND	2.00e-2	ug/g	2.80e-7	lbs/hr	CE
Arsenic	325C5R2	ND	2.00e-2	ug/g	6.40e-6	lbs/hr	CE
Arsenic	325C5R3	ND	2.00e-2	ug/g	5.92e-6	lbs/hr	CE
Arsenic	325C6R1	ND	2.00e-2	ug/g	6.88e-6	lbs/hr	CE
Arsenic	325C6R2	ND	3.00e-2	ug/g	1.68e-5	lbs/hr	CE
Arsenic	325C6R3	ND	3.00e-2	ug/g	0.00e+0		CE
Arsenic	325C7R1	ND	2.00e-2	ug/g	7.20e-6	lbs/hr	CE
Arsenic	325C7R2	ND	2.00e-2	ug/g	6.52e-6	lbs/hr	CE
Arsenic	325C7R3	ND	2.00e-2	ug/g	6.52e-6	lbs/hr	CE
Barium	325C5R1		1.19e+1	ug/g	1.67e-4	lbs/hr	CE
Barium	325C5R2		7.85e+0	ug/g	2.51e-3	lbs/hr	CE
Barium	325C5R3		2.81e+0	ug/g	8.32e-4	lbs/hr	CE
Barium	325C6R1		7.10e+0	ug/g	2.44e-3	lbs/hr	CE
Barium	325C6R2		4.30e+0	ug/g	2.41e-3	lbs/hr	CE
Barium	325C6R3		7.13e+0	ug/g	0.00e+0		CE
Barium	325C7R1		5.84e+0	ug/g	2.10e-3	lbs/hr	CE
Barium	325C7R2		6.07e+0	ug/g	1.98e-3	lbs/hr	CE
Barium	325C7R3		5.03e+0	ug/g	1.64e-3	lbs/hr	CE
Beryllium	325C5R1	ND	3.00e-2	ug/g	4.20e-7	lbs/hr	CE
Beryllium	325C5R2	ND	2.00e-2	ug/g	6.40e-6	lbs/hr	CE
Beryllium	325C5R3	ND	3.00e-2	ug/g	8.88e-6	lbs/hr	CE
Beryllium	325C6R1		4.00e-2	ug/g	1.38e-5	lbs/hr	CE
Beryllium	325C6R2	ND	4.00e-2	ug/g	2.24e-5	lbs/hr	CE
Beryllium	325C6R3	ND	4.00e-2	ug/g	0.00e+0		CE
Beryllium	325C7R1	ND	3.00e-2	ug/g	1.08e-5	lbs/hr	CE
Beryllium	325C7R2	ND	3.00e-2	ug/g	9.78e-6	lbs/hr	CE
Beryllium	325C7R3	ND	3.00e-2	ug/g	9.78e-6	lbs/hr	CE
Cadmium	325C5R1		1.06e+0	ug/g	1.48e-5	lbs/hr	CE
Cadmium	325C5R2		5.00e-1	ug/g	1.60e-4	lbs/hr	CE
Cadmium	325C5R3		1.10e+0	ug/g	3.26e-4	lbs/hr	CE
Cadmium	325C6R1		1.03e+0	ug/g	3.54e-4	lbs/hr	CE
Cadmium	325C6R2		1.32e+0	ug/g	7.39e-4	lbs/hr	CE
Cadmium	325C6R3		1.31e+0	ug/g	0.00e+0		CE
Cadmium	325C7R1		1.07e+0	ug/g	3.85e-4	lbs/hr	CE
Cadmium	325C7R2		9.20e-1	ug/g	3.00e-4	lbs/hr	CE
Cadmium	325C7R3		9.90e-1	ug/g	3.23e-4	lbs/hr	CE
Chromium	325C5R1		5.80e-1	ug/g	8.12e-6	lbs/hr	CE
Chromium	325C5R2		7.00e-1	ug/g	2.24e-4	lbs/hr	CE
Chromium	325C5R3		2.81e+0	ug/g	8.32e-4	lbs/hr	CE
Chromium	325C6R1		4.45e+0	ug/g	1.53e-3	lbs/hr	CE
Chromium	325C6R2		2.31e+0	ug/g	1.29e-3	lbs/hr	CE
Chromium	325C6R3		1.88e+0	ug/g	0.00e+0		CE
Chromium	325C7R1		9.40e-1	ug/g	3.38e-4	lbs/hr	CE
Chromium	325C7R2		3.47e+0	ug/g	1.13e-3	lbs/hr	CE
Chromium	325C7R3		4.59e+0	ug/g	1.50e-3	lbs/hr	CE
Lead	325C5R1		6.30e-1	ug/g	8.82e-6	lbs/hr	CE
Lead	325C5R2		6.20e-1	ug/g	1.98e-4	lbs/hr	CE
Lead	325C5R3		7.50e-1	ug/g	2.22e-4	lbs/hr	CE
Lead	325C6R1		2.55e+0	ug/g	8.77e-4	lbs/hr	CE
Lead	325C6R2		2.60e+0	ug/g	1.46e-3	lbs/hr	CE
Lead	325C6R3		1.06e+1	ug/g	0.00e+0		CE
Lead	325C7R1		4.63e+0	ug/g	1.67e-3	lbs/hr	CE
Lead	325C7R2		1.88e+0	ug/g	6.13e-4	lbs/hr	CE
Lead	325C7R3		2.20e+0	ug/g	7.17e-4	lbs/hr	CE
Mercury	325C5R1		3.00e-2	ug/g	4.20e-7	lbs/hr	CE
Mercury	325C5R2		4.00e-2	ug/g	1.28e-5	lbs/hr	CE
Mercury	325C5R3		8.00e-2	ug/g	2.37e-5	lbs/hr	CE
Mercury	325C6R1		5.00e-2	ug/g	1.72e-5	lbs/hr	CE

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

Mercury	325C6R2		4.00e-2	ug/g	2.24e-5	lbs/hr	CE
Mercury	325C6R3		2.20e-1	ug/g	0.00e+0		CE
Mercury	325C7R1		9.00e-2	ug/g	3.24e-5	lbs/hr	CE
Mercury	325C7R2		1.50e-1	ug/g	4.89e-5	lbs/hr	CE
Mercury	325C7R3		1.50e-1	ug/g	4.89e-5	lbs/hr	CE
Nickel	325C5R1	ND	3.20e-1	ug/g	4.48e-6	lbs/hr	CE
Nickel	325C5R2		3.80e+0	ug/g	1.22e-3	lbs/hr	CE
Nickel	325C5R3		6.66e+1	ug/g	1.97e-2	lbs/hr	CE
Nickel	325C6R1		5.55e+0	ug/g	1.91e-3	lbs/hr	CE
Nickel	325C6R2		2.64e+0	ug/g	1.48e-3	lbs/hr	CE
Nickel	325C6R3		7.54e+0	ug/g	0.00e+0		CE
Nickel	325C7R1		1.48e+0	ug/g	5.33e-4	lbs/hr	CE
Nickel	325C7R2		1.56e+0	ug/g	5.09e-4	lbs/hr	CE
Nickel	325C7R3		4.20e+0	ug/g	1.37e-3	lbs/hr	CE
Selenium	325C5R1	ND	4.00e-2	ug/g	5.60e-7	lbs/hr	CE
Selenium	325C5R2	ND	3.00e-2	ug/g	9.60e-6	lbs/hr	CE
Selenium	325C5R3	ND	5.00e-2	ug/g	1.48e-5	lbs/hr	CE
Selenium	325C6R1	ND	4.00e-2	ug/g	1.38e-5	lbs/hr	CE
Selenium	325C6R2	ND	6.00e-2	ug/g	3.36e-5	lbs/hr	CE
Selenium	325C6R3	ND	6.00e-2	ug/g	0.00e+0		CE
Selenium	325C7R1	ND	4.00e-2	ug/g	1.44e-5	lbs/hr	CE
Selenium	325C7R2	ND	4.00e-2	ug/g	1.30e-5	lbs/hr	CE
Selenium	325C7R3	ND	4.00e-2	ug/g	1.30e-5	lbs/hr	CE
Silver	325C5R1		1.19e+0	ug/g	1.67e-5	lbs/hr	CE
Silver	325C5R2		3.00e-1	ug/g	9.60e-5	lbs/hr	CE
Silver	325C5R3		1.99e+0	ug/g	5.89e-4	lbs/hr	CE
Silver	325C6R1		1.44e+0	ug/g	4.95e-4	lbs/hr	CE
Silver	325C6R2		4.38e+0	ug/g	2.45e-3	lbs/hr	CE
Silver	325C6R3		3.85e+0	ug/g	0.00e+0		CE
Silver	325C7R1		4.00e-1	ug/g	1.44e-4	lbs/hr	CE
Silver	325C7R2		2.37e+0	ug/g	7.73e-4	lbs/hr	CE
Silver	325C7R3		3.70e+0	ug/g	1.21e-3	lbs/hr	CE
Thallium	325C5R1	ND	1.00e-2	ug/g	1.40e-7	lbs/hr	CE
Thallium	325C5R2	ND	2.00e-2	ug/g	6.40e-6	lbs/hr	CE
Thallium	325C5R3	ND	3.00e-2	ug/g	8.88e-6	lbs/hr	CE
Thallium	325C6R1	ND	3.00e-2	ug/g	1.03e-5	lbs/hr	CE
Thallium	325C6R2	ND	3.00e-2	ug/g	1.68e-5	lbs/hr	CE
Thallium	325C6R3	ND	3.00e-2	ug/g	0.00e+0		CE
Thallium	325C7R1	ND	3.00e-2	ug/g	1.08e-5	lbs/hr	CE
Thallium	325C7R2	ND	2.00e-2	ug/g	6.52e-6	lbs/hr	CE
Thallium	325C7R3	ND	2.00e-2	ug/g	6.52e-6	lbs/hr	CE

7. Category: PCB

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
PCBs	325C6R1	2.56e+5	mg/l	0.00e+0		
PCBs	325C6R2	1.04e+5	ug/g	5.84e+1	lbs/hr	CE
PCBs	325C6R3	2.21e+5	ug/g	0.00e+0		
PCBs	325C7R1	1.67e+5	ug/g	6.02e+1	lbs/hr	CE
PCBs	325C7R2	1.45e+5	ug/g	4.73e+1	lbs/hr	CE
PCBs	325C7R3	1.53e+5	ug/g	5.00e+1	lbs/hr	CE

7. Category: SVOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
1,2-Dichlorobenzene	325C6R1	1.70e+2	mg/l	0.00e+0		
1,2-Dichlorobenzene	325C6R2	1.36e+2	ug/g	7.64e-2	lbs/hr	CE
1,2-Dichlorobenzene	325C6R3	1.58e+2	ug/g	0.00e+0		
1,2-Dichlorobenzene	325C7R1	1.72e+2	ug/g	6.20e-2	lbs/hr	CE
1,2-Dichlorobenzene	325C7R2	1.36e+2	ug/g	4.44e-2	lbs/hr	CE
1,2-Dichlorobenzene	325C7R3	1.56e+2	ug/g	5.09e-2	lbs/hr	CE

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
1,1,2-Trichloroethane	325C7R1	1.79e+2	ug/g	6.43e-2	lbs/hr	CE
1,1,2-Trichloroethane	325C7R2	1.33e+2	ug/g	4.33e-2	lbs/hr	CE
1,1,2-Trichloroethane	325C7R3	1.12e+2	ug/g	3.65e-2	lbs/hr	CE

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

Carbon Tetrachloride	325C6R1	1.31e+2	mg/l	0.00e+0		
Carbon Tetrachloride	325C6R2	1.05e+2	ug/g	5.87e-2	lbs/hr	CE
Carbon Tetrachloride	325C6R3	1.04e+2	ug/g	0.00e+0		
Chlorobenzene	325C6R1	1.43e+2	mg/l	0.00e+0		
Chlorobenzene	325C6R2	1.18e+2	ug/g	6.58e-2	lbs/hr	CE
Chlorobenzene	325C6R3	1.14e+2	ug/g	0.00e+0		
Chlorobenzene	325C7R1	8.18e+1	ug/g	2.95e-2	lbs/hr	CE
Chlorobenzene	325C7R2	6.20e+1	ug/g	2.02e-2	lbs/hr	CE
Chlorobenzene	325C7R3	1.48e+2	ug/g	4.81e-2	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
Chlorine	325C1R1	8.98e+5	ug/g	1.04e+3	lbs/hr	CE
Chlorine	325C1R2	8.98e+5	ug/g	9.50e+2	lbs/hr	CE
Chlorine	325C1R3	8.98e+5	ug/g	9.45e+2	lbs/hr	CE
Chlorine	325C2R1	8.98e+5	ug/g	7.54e+2	lbs/hr	CE
Chlorine	325C2R2	8.98e+5	ug/g	9.48e+2	lbs/hr	CE
Chlorine	325C2R3	8.98e+5	ug/g	7.90e+2	lbs/hr	CE
Chlorine	325C3R1	8.98e+5	ug/g	8.37e+2	lbs/hr	CE
Chlorine	325C3R2	8.98e+5	ug/g	8.26e+2	lbs/hr	CE
Chlorine	325C3R3	8.98e+5	ug/g	7.86e+2	lbs/hr	CE
Chlorine	325C3R4	8.98e+5	ug/g	9.81e+2	lbs/hr	CE
Chlorine	325C3R5	8.98e+5	ug/g	1.07e+3	lbs/hr	CE
Chlorine	325C3R6	8.98e+5	ug/g	9.17e+2	lbs/hr	CE

6. Description: ORGANIC LIQUID FEED
Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: LIQUID

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Chlorine	325C1R1	1.49e+5	ug/g	4.18e+2	lbs/hr	CE
Chlorine	325C1R2	1.37e+5	ug/g	4.05e+2	lbs/hr	CE
Chlorine	325C1R3	1.55e+5	ug/g	5.16e+2	lbs/hr	CE
Chlorine	325C2R1	2.38e+5	ug/g	5.30e+2	lbs/hr	CE
Chlorine	325C2R2	1.91e+5	ug/g	3.31e+2	lbs/hr	CE
Chlorine	325C2R3	1.86e+5	ug/g	4.33e+2	lbs/hr	CE
Chlorine	325C3R1	1.89e+5	ug/g	6.70e+2	lbs/hr	CE
Chlorine	325C3R2	1.88e+5	ug/g	6.62e+2	lbs/hr	CE
Chlorine	325C3R3	1.87e+5	ug/g	6.42e+2	lbs/hr	CE
Chlorine	325C3R4	2.80e+5	ug/g	9.57e+2	lbs/hr	CE
Chlorine	325C3R5	2.80e+5	ug/g	9.15e+2	lbs/hr	CE
Chlorine	325C3R6	2.80e+5	ug/g	8.32e+2	lbs/hr	CE

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

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Chlorine	325C2R1	5.90e+3	ug/g	6.50e+0	lbs/hr	CE
Chlorine	325C2R2	1.07e+4	ug/g	3.58e+1	lbs/hr	CE
Chlorine	325C2R3	1.16e+4	ug/g	2.16e+1	lbs/hr	CE
Chlorine	325C3R1	1.25e+4	ug/g	8.10e+0	lbs/hr	CE
Chlorine	325C3R2	1.32e+4	ug/g	8.55e+0	lbs/hr	CE
Chlorine	325C3R3	1.35e+4	ug/g	8.45e+0	lbs/hr	CE
Chlorine	325C3R4	6.00e+3	ug/g	4.24e+0	lbs/hr	CE
Chlorine	325C3R5	6.00e+3	ug/g	4.67e+0	lbs/hr	CE
Chlorine	325C3R6	6.00e+3	ug/g	3.50e+0	lbs/hr	CE

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Antimony	325C4R1	8.20e+0	ug/g	8.63e-3	lbs/hr	CE

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

Antimony	325C4R2	1.01e+1	ug/g	8.99e-3	lbs/hr	Œ
Antimony	325C4R3	6.00e+0	ug/g	6.32e-3	lbs/hr	Œ
Antimony	325C5R1	6.91e+0	ug/g	4.02e-2	lbs/hr	Œ
Antimony	325C5R2	5.84e+0	ug/g	2.94e-2	lbs/hr	Œ
Antimony	325C5R3	3.83e+0	ug/g	2.24e-2	lbs/hr	Œ
Antimony	325C6R1	2.90e+0	ug/g	1.68e-3	lbs/hr	Œ
Antimony	325C6R2	2.50e+0	ug/g	1.37e-3	lbs/hr	Œ
Antimony	325C6R3	2.50e+0	ug/g	1.37e-3	lbs/hr	Œ
Antimony	325C7R1	1.62e+0	ug/g	9.77e-4	lbs/hr	Œ
Antimony	325C7R2	2.60e+0	ug/g	5.82e-3	lbs/hr	Œ
Antimony	325C7R3	1.42e+0	ug/g	2.97e-3	lbs/hr	Œ
Arsenic	325C4R1	8.30e+0	ug/g	8.73e-3	lbs/hr	Œ
Arsenic	325C4R2	3.10e+0	ug/g	2.76e-3	lbs/hr	Œ
Arsenic	325C4R3	2.80e+0	ug/g	2.95e-3	lbs/hr	Œ
Arsenic	325C5R1	6.12e+0	ug/g	3.56e-2	lbs/hr	Œ
Arsenic	325C5R2	4.17e+0	ug/g	2.10e-2	lbs/hr	Œ
Arsenic	325C5R3	2.34e+0	ug/g	1.37e-2	lbs/hr	Œ
Arsenic	325C6R1	2.40e+0	ug/g	1.39e-3	lbs/hr	Œ
Arsenic	325C6R2	2.60e+0	ug/g	1.43e-3	lbs/hr	Œ
Arsenic	325C6R3	2.70e+0	ug/g	1.48e-3	lbs/hr	Œ
Arsenic	325C7R1	5.90e-1	ug/g	3.56e-4	lbs/hr	Œ
Arsenic	325C7R2	2.02e+0	ug/g	4.52e-3	lbs/hr	Œ
Arsenic	325C7R3	6.40e-1	ug/g	1.34e-3	lbs/hr	Œ
Barium	325C4R1	1.10e+2	ug/g	1.16e-1	lbs/hr	Œ
Barium	325C4R2	9.75e+1	ug/g	8.68e-2	lbs/hr	Œ
Barium	325C4R3	1.28e+2	ug/g	1.35e-1	lbs/hr	Œ
Barium	325C5R1	9.51e+1	ug/g	5.53e-1	lbs/hr	Œ
Barium	325C5R2	6.83e+1	ug/g	3.44e-1	lbs/hr	Œ
Barium	325C5R3	7.17e+1	ug/g	4.19e-1	lbs/hr	Œ
Barium	325C6R1	9.63e+1	ug/g	5.57e-2	lbs/hr	Œ
Barium	325C6R2	8.73e+1	ug/g	4.79e-2	lbs/hr	Œ
Barium	325C6R3	9.22e+1	ug/g	5.06e-2	lbs/hr	Œ
Barium	325C7R1	4.45e+1	ug/g	2.68e-2	lbs/hr	Œ
Barium	325C7R2	6.35e+1	ug/g	1.42e-1	lbs/hr	Œ
Barium	325C7R3	1.01e+1	ug/g	2.11e-2	lbs/hr	Œ
Beryllium	325C4R1	2.20e-1	ug/g	2.31e-4	lbs/hr	Œ
Beryllium	325C4R2	1.80e-1	ug/g	1.60e-4	lbs/hr	Œ
Beryllium	325C4R3	2.20e-1	ug/g	2.32e-4	lbs/hr	Œ
Beryllium	325C5R1	5.50e-1	ug/g	3.20e-3	lbs/hr	Œ
Beryllium	325C5R2	4.30e-1	ug/g	2.17e-3	lbs/hr	Œ
Beryllium	325C5R3	2.50e-1	ug/g	1.46e-3	lbs/hr	Œ
Beryllium	325C6R1	6.90e-1	ug/g	3.99e-4	lbs/hr	Œ
Beryllium	325C6R2	3.80e-1	ug/g	2.09e-4	lbs/hr	Œ
Beryllium	325C6R3	5.70e-1	ug/g	3.13e-4	lbs/hr	Œ
Beryllium	325C7R1	1.30e-1	ug/g	7.84e-5	lbs/hr	Œ
Beryllium	325C7R2	1.70e-1	ug/g	3.81e-4	lbs/hr	Œ
Beryllium	325C7R3	1.80e-1	ug/g	3.76e-4	lbs/hr	Œ
Cadmium	325C4R1	2.47e+0	ug/g	2.60e-3	lbs/hr	Œ
Cadmium	325C4R2	2.26e+0	ug/g	2.01e-3	lbs/hr	Œ
Cadmium	325C4R3	2.28e+0	ug/g	2.40e-3	lbs/hr	Œ
Cadmium	325C5R1	2.41e+0	ug/g	1.40e-2	lbs/hr	Œ
Cadmium	325C5R2	2.63e+0	ug/g	1.32e-2	lbs/hr	Œ
Cadmium	325C5R3	2.03e+0	ug/g	1.19e-2	lbs/hr	Œ
Cadmium	325C6R1	3.70e+0	ug/g	2.14e-3	lbs/hr	Œ
Cadmium	325C6R2	4.46e+0	ug/g	2.45e-3	lbs/hr	Œ
Cadmium	325C6R3	2.84e+0	ug/g	1.56e-3	lbs/hr	Œ
Cadmium	325C7R1	1.44e+0	ug/g	8.68e-4	lbs/hr	Œ
Cadmium	325C7R2	2.15e+0	ug/g	4.82e-3	lbs/hr	Œ
Cadmium	325C7R3	5.00e-1	ug/g	1.05e-3	lbs/hr	Œ
Chromium	325C4R1	1.53e+1	ug/g	1.61e-2	lbs/hr	Œ
Chromium	325C4R2	1.79e+1	ug/g	1.59e-2	lbs/hr	Œ
Chromium	325C4R3	1.84e+1	ug/g	1.94e-2	lbs/hr	Œ
Chromium	325C5R1	1.58e+1	ug/g	9.18e-2	lbs/hr	Œ
Chromium	325C5R2	1.49e+1	ug/g	7.50e-2	lbs/hr	Œ
Chromium	325C5R3	1.06e+1	ug/g	6.20e-2	lbs/hr	Œ
Chromium	325C6R1	1.83e+1	ug/g	1.06e-2	lbs/hr	Œ
Chromium	325C6R2	1.71e+1	ug/g	9.37e-3	lbs/hr	Œ
Chromium	325C6R3	1.83e+1	ug/g	1.00e-2	lbs/hr	Œ
Chromium	325C7R1	6.49e+0	ug/g	3.91e-3	lbs/hr	Œ
Chromium	325C7R2	1.07e+1	ug/g	2.40e-2	lbs/hr	Œ
Chromium	325C7R3	2.34e+0	ug/g	4.89e-3	lbs/hr	Œ
Lead	325C4R1	4.54e+1	ug/g	4.78e-2	lbs/hr	Œ
Lead	325C4R2	4.36e+1	ug/g	3.88e-2	lbs/hr	Œ

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

Lead	325C4R3		5.25e+1	ug/g	5.53e-2	lbs/hr	CE
Lead	325C5R1		3.84e+1	ug/g	2.23e-1	lbs/hr	CE
Lead	325C5R2		3.18e+1	ug/g	1.60e-1	lbs/hr	CE
Lead	325C5R3		2.35e+1	ug/g	1.37e-1	lbs/hr	CE
Lead	325C6R1		5.01e+1	ug/g	2.89e-2	lbs/hr	CE
Lead	325C6R2		3.97e+1	ug/g	2.18e-2	lbs/hr	CE
Lead	325C6R3		4.24e+1	ug/g	2.33e-2	lbs/hr	CE
Lead	325C7R1		1.62e+1	ug/g	9.77e-3	lbs/hr	CE
Lead	325C7R2		3.03e+1	ug/g	6.79e-2	lbs/hr	CE
Lead	325C7R3		6.56e+0	ug/g	1.37e-2	lbs/hr	CE
Mercury	325C4R1		6.80e-1	ug/g	7.15e-4	lbs/hr	CE
Mercury	325C4R2		1.08e+0	ug/g	9.61e-4	lbs/hr	CE
Mercury	325C4R3		1.13e+0	ug/g	1.19e-3	lbs/hr	CE
Mercury	325C5R1		8.40e-1	ug/g	4.88e-3	lbs/hr	CE
Mercury	325C5R2		4.05e+0	ug/g	2.04e-2	lbs/hr	CE
Mercury	325C5R3		1.69e+0	ug/g	9.89e-3	lbs/hr	CE
Mercury	325C6R1		8.90e-1	ug/g	5.14e-4	lbs/hr	CE
Mercury	325C6R2		8.60e-1	ug/g	4.72e-4	lbs/hr	CE
Mercury	325C6R3		1.08e+0	ug/g	5.93e-4	lbs/hr	CE
Mercury	325C7R1		3.30e-1	ug/g	1.99e-4	lbs/hr	CE
Mercury	325C7R2		8.70e-1	ug/g	1.95e-3	lbs/hr	CE
Mercury	325C7R3		4.90e-1	ug/g	1.02e-3	lbs/hr	CE
Nickel	325C4R1		8.63e+0	ug/g	9.08e-3	lbs/hr	CE
Nickel	325C4R2		1.47e+1	ug/g	1.31e-2	lbs/hr	CE
Nickel	325C4R3		1.38e+1	ug/g	1.46e-2	lbs/hr	CE
Nickel	325C5R1		1.77e+1	ug/g	1.03e-1	lbs/hr	CE
Nickel	325C5R2		4.39e+0	ug/g	2.21e-2	lbs/hr	CE
Nickel	325C5R3		5.42e+0	ug/g	3.17e-2	lbs/hr	CE
Nickel	325C6R1		6.00e+0	ug/g	3.47e-3	lbs/hr	CE
Nickel	325C6R2		7.39e+0	ug/g	4.06e-3	lbs/hr	CE
Nickel	325C6R3		1.36e+1	ug/g	7.48e-3	lbs/hr	CE
Nickel	325C7R1		5.68e+0	ug/g	3.43e-3	lbs/hr	CE
Nickel	325C7R2		4.50e+0	ug/g	1.01e-2	lbs/hr	CE
Nickel	325C7R3		3.44e+0	ug/g	7.19e-3	lbs/hr	CE
Selenium	325C4R1		1.50e+0	ug/g	1.58e-3	lbs/hr	CE
Selenium	325C4R2		1.70e+0	ug/g	1.51e-3	lbs/hr	CE
Selenium	325C4R3		1.40e+0	ug/g	1.48e-3	lbs/hr	CE
Selenium	325C5R1		3.00e-1	ug/g	1.74e-3	lbs/hr	CE
Selenium	325C5R2	ND	1.00e-1	ug/g	5.04e-4	lbs/hr	CE
Selenium	325C5R3		4.20e-1	ug/g	2.46e-3	lbs/hr	CE
Selenium	325C6R1		1.10e+0	ug/g	6.36e-4	lbs/hr	CE
Selenium	325C6R2		6.00e-1	ug/g	3.29e-4	lbs/hr	CE
Selenium	325C6R3		1.10e+0	ug/g	6.04e-4	lbs/hr	CE
Selenium	325C7R1	ND	1.00e-1	ug/g	6.03e-5	lbs/hr	CE
Selenium	325C7R2	ND	1.00e-1	ug/g	2.24e-4	lbs/hr	CE
Selenium	325C7R3		3.10e-1	ug/g	6.48e-4	lbs/hr	CE
Silver	325C4R1		1.61e+1	ug/g	1.69e-2	lbs/hr	CE
Silver	325C4R2		1.69e+1	ug/g	1.51e-2	lbs/hr	CE
Silver	325C4R3		1.82e+1	ug/g	1.92e-2	lbs/hr	CE
Silver	325C5R1		1.15e+0	ug/g	6.68e-3	lbs/hr	CE
Silver	325C5R2		2.94e+0	ug/g	1.48e-2	lbs/hr	CE
Silver	325C5R3		3.43e+0	ug/g	2.01e-2	lbs/hr	CE
Silver	325C6R1		2.34e+1	ug/g	1.35e-2	lbs/hr	CE
Silver	325C6R2		1.07e+1	ug/g	5.89e-3	lbs/hr	CE
Silver	325C6R3		1.82e+1	ug/g	1.00e-2	lbs/hr	CE
Silver	325C7R1		2.63e+0	ug/g	1.59e-3	lbs/hr	CE
Silver	325C7R2		5.60e+0	ug/g	1.25e-2	lbs/hr	CE
Silver	325C7R3		3.50e+0	ug/g	7.32e-3	lbs/hr	CE
Thallium	325C4R1		1.81e+0	ug/g	1.90e-3	lbs/hr	CE
Thallium	325C4R2		2.43e+0	ug/g	2.16e-3	lbs/hr	CE
Thallium	325C4R3		1.49e+0	ug/g	1.57e-3	lbs/hr	CE
Thallium	325C5R1		8.30e-1	ug/g	4.82e-3	lbs/hr	CE
Thallium	325C5R2		8.40e-1	ug/g	4.23e-3	lbs/hr	CE
Thallium	325C5R3		5.20e-1	ug/g	3.04e-3	lbs/hr	CE
Thallium	325C6R1	ND	5.00e-1	ug/g	2.89e-4	lbs/hr	CE
Thallium	325C6R2	ND	5.00e-1	ug/g	2.75e-4	lbs/hr	CE
Thallium	325C6R3	ND	5.00e-1	ug/g	2.75e-4	lbs/hr	CE
Thallium	325C7R1		3.10e-1	ug/g	1.87e-4	lbs/hr	CE
Thallium	325C7R2		5.10e-1	ug/g	1.14e-3	lbs/hr	CE
Thallium	325C7R3		4.60e-1	ug/g	9.62e-4	lbs/hr	CE

SECTION 8: OTHER STREAM ANALYSES

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

7. Category: PCB

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
PCBs	325C4R1	7.38e+0	ug/g	7.76e-3	lbs/hr	CE
PCBs	325C4R2	3.61e+1	ug/g	3.21e-2	lbs/hr	CE
PCBs	325C4R3	9.42e+1	ug/g	9.92e-2	lbs/hr	CE
PCBs	325C5R1	2.45e+1	ug/g	1.43e-1	lbs/hr	CE
PCBs	325C5R2	2.44e+1	ug/g	1.23e-1	lbs/hr	CE
PCBs	325C5R3	8.17e+0	ug/g	4.78e-2	lbs/hr	CE
PCBs	325C6R1	6.05e+1	ug/g	3.50e-2	lbs/hr	CE
PCBs	325C6R2	5.90e+1	ug/g	3.24e-2	lbs/hr	CE
PCBs	325C6R3	8.52e+0	ug/g	4.68e-3	lbs/hr	CE
PCBs	325C7R1	2.54e+1	ug/g	1.53e-2	lbs/hr	CE
PCBs	325C7R2	5.25e+1	ug/g	1.18e-1	lbs/hr	CE
PCBs	325C7R3	1.83e+1	ug/g	3.83e-2	lbs/hr	CE

7. Category: SVOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
1,2-Dichlorobenzene	325C4R1	1.36e-1	ug/g	1.43e-4	lbs/hr	CE
1,2-Dichlorobenzene	325C4R2	4.03e+0	ug/g	3.59e-3	lbs/hr	CE
1,2-Dichlorobenzene	325C4R3	1.23e+0	ug/g	1.29e-3	lbs/hr	CE
1,2-Dichlorobenzene	325C5R1	1.89e+0	ug/g	1.10e-2	lbs/hr	CE
1,2-Dichlorobenzene	325C5R2	7.62e+0	ug/g	3.84e-2	lbs/hr	CE
1,2-Dichlorobenzene	325C5R3	4.92e+0	ug/g	2.88e-2	lbs/hr	CE
1,2-Dichlorobenzene	325C6R1	8.51e-1	ug/g	4.92e-4	lbs/hr	CE
1,2-Dichlorobenzene	325C6R2	1.14e+0	ug/g	6.23e-4	lbs/hr	CE
1,2-Dichlorobenzene	325C6R3	2.85e+0	ug/g	1.56e-3	lbs/hr	CE
1,2-Dichlorobenzene	325C7R1	1.83e+1	ug/g	1.11e-2	lbs/hr	CE
1,2-Dichlorobenzene	325C7R2	2.48e+0	ug/g	5.56e-3	lbs/hr	CE
1,2-Dichlorobenzene	325C7R3	1.10e+0	ug/g	2.30e-3	lbs/hr	CE

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
1,1,2-Trichloroethane	325C7R1	2.02e+0	ug/g	1.22e-3	lbs/hr	CE
1,1,2-Trichloroethane	325C7R2	7.76e-1	ug/g	1.74e-3	lbs/hr	CE
1,1,2-Trichloroethane	325C7R3	1.30e+0	ug/g	2.72e-3	lbs/hr	CE
Carbon Tetrachloride	325C4R1	2.10e-2	ug/g	2.21e-5	lbs/hr	CE
Carbon Tetrachloride	325C4R2	4.60e-2	ug/g	4.09e-5	lbs/hr	CE
Carbon Tetrachloride	325C4R3	1.60e-2	ug/g	1.69e-5	lbs/hr	CE
Chlorobenzene	325C4R1	3.60e-2	ug/g	3.79e-5	lbs/hr	CE
Chlorobenzene	325C4R2	2.30e-1	ug/g	2.05e-4	lbs/hr	CE
Chlorobenzene	325C4R3	4.31e-1	ug/g	4.54e-4	lbs/hr	CE
Chlorobenzene	325C5R1	3.36e-1	ug/g	1.95e-3	lbs/hr	CE
Chlorobenzene	325C5R2	4.66e+0	ug/g	2.35e-2	lbs/hr	CE
Chlorobenzene	325C5R3	1.74e+2	ug/g	1.02e+0	lbs/hr	CE
Chlorobenzene	325C6R1	6.37e+0	ug/g	3.68e-3	lbs/hr	CE
Chlorobenzene	325C6R3	8.20e+0	ug/g	4.50e-3	lbs/hr	CE
Chlorobenzene	325C7R1	3.91e+0	ug/g	2.36e-3	lbs/hr	CE
Chlorobenzene	325C7R2	8.96e+0	ug/g	2.01e-2	lbs/hr	CE
Chlorobenzene	325C7R3	6.43e+0	ug/g	1.35e-2	lbs/hr	CE

6. Description: SPIKED ORGANICS (HEXACHLOROETHANE,DCB)
Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: LIQUID

7. Category: SVOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Dichlorobenzene	325C1R1	4.59e+5	ug/g	9.83e+2	lbs/hr	CC
Dichlorobenzene	325C1R2	4.66e+5	ug/g	9.23e+2	lbs/hr	CC
Dichlorobenzene	325C1R3	5.05e+5	ug/g	1.07e+3	lbs/hr	CC
Dichlorobenzene	325C2R1	5.15e+5	ug/g	8.91e+2	lbs/hr	CC
Dichlorobenzene	325C2R2	4.10e+5	ug/g	7.32e+2	lbs/hr	CC
Dichlorobenzene	325C2R3	5.03e+5	ug/g	8.88e+2	lbs/hr	CC
Dichlorobenzene	325C3R1	4.67e+5	ug/g	8.16e+2	lbs/hr	CC
Dichlorobenzene	325C3R2	4.57e+5	ug/g	7.75e+2	lbs/hr	CC

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

Dichlorobenzene	325C3R3	4.74e+5	ug/g	7.89e+2	lbs/hr	CC
Hexachloroethane	325C1R1	5.41e+5	ug/g	1.16e+3	lbs/hr	CC
Hexachloroethane	325C1R2	5.34e+5	ug/g	1.06e+3	lbs/hr	CC
Hexachloroethane	325C1R3	4.95e+5	ug/g	1.05e+3	lbs/hr	CC
Hexachloroethane	325C2R1	4.85e+5	ug/g	8.39e+2	lbs/hr	CC
Hexachloroethane	325C2R2	5.90e+5	ug/g	1.06e+3	lbs/hr	CC
Hexachloroethane	325C2R3	4.97e+5	ug/g	8.79e+2	lbs/hr	CC
Hexachloroethane	325C3R1	5.33e+5	ug/g	9.31e+2	lbs/hr	CC
Hexachloroethane	325C3R2	5.43e+5	ug/g	9.19e+2	lbs/hr	CC
Hexachloroethane	325C3R3	5.26e+5	ug/g	8.75e+2	lbs/hr	CC

SECTION 8: OTHER STREAM ANALYSES

1. COMPANY: APTUS
2. STATE: UT
3. CITY: ARAGONITE EPA ID: UTD981552177 REGION: 8
4. EP ID: 327 DEVICE NAME: SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: SD/FF/WS/ESP

5. Type: FUEL

6. Description: FUEL OIL
Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: LIQUID

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Mercury	327C4R1	0.00e+0	1.10e-1 lbs/hr	
Mercury	327C4R2	0.00e+0	1.50e-1 lbs/hr	
Mercury	327C4R3	0.00e+0	1.40e-1 lbs/hr	
Mercury	327C5R1	0.00e+0	1.00e-1 lbs/hr	
Mercury	327C5R2	0.00e+0	1.70e-1 lbs/hr	
Mercury	327C5R3	0.00e+0	1.50e-1 lbs/hr	

7. Category: PCB

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
PCBs	327C4R1	0.00e+0	4.52e+2 lbs/hr	
PCBs	327C4R2	0.00e+0	5.74e+2 lbs/hr	
PCBs	327C4R3	0.00e+0	5.21e+2 lbs/hr	
PCBs	327C5R1	0.00e+0	4.12e+2 lbs/hr	
PCBs	327C5R2	0.00e+0	6.29e+2 lbs/hr	
PCBs	327C5R3	0.00e+0	5.69e+2 lbs/hr	

5. Type: WASTE

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

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Antimony	327C1R1	8.50e+0 ug/g	1.66e-3 lbs/hr	Œ
Antimony	327C2R1	1.10e+1 ug/g	6.51e-3 lbs/hr	Œ
Antimony	327C2R2	ND 3.50e+0 ug/g	1.80e-3 lbs/hr	Œ
Antimony	327C2R3	ND 4.10e+0 ug/g	2.49e-3 lbs/hr	Œ
Antimony	327C3R1	4.80e+0 ug/g	2.14e-2 lbs/hr	Œ
Antimony	327C3R2	9.90e+0 ug/g	8.26e-3 lbs/hr	Œ
Antimony	327C3R3	ND 3.90e+0 ug/g	2.03e-2 lbs/hr	Œ
Arsenic	327C1R1	6.60e+1 ug/g	1.29e-2 lbs/hr	Œ
Arsenic	327C2R1	ND 3.30e+1 ug/g	1.95e-2 lbs/hr	Œ
Arsenic	327C2R2	3.70e+2 ug/g	1.90e-1 lbs/hr	Œ
Arsenic	327C2R3	ND 3.40e+1 ug/g	2.07e-2 lbs/hr	Œ
Arsenic	327C3R1	6.30e+1 ug/g	2.81e-1 lbs/hr	Œ
Arsenic	327C3R2	1.90e+2 ug/g	1.59e-1 lbs/hr	Œ
Arsenic	327C3R3	3.20e+1 ug/g	1.66e-1 lbs/hr	Œ
Barium	327C1R1	8.11e+2 ug/g	1.58e-1 lbs/hr	Œ
Barium	327C2R1	7.41e+2 ug/g	4.38e-1 lbs/hr	Œ
Barium	327C2R2	7.58e+2 ug/g	3.89e-1 lbs/hr	Œ
Barium	327C2R3	4.50e+2 ug/g	2.74e-1 lbs/hr	Œ
Barium	327C3R1	3.13e+2 ug/g	1.40e+0 lbs/hr	Œ
Barium	327C3R2	6.90e+2 ug/g	5.76e-1 lbs/hr	Œ
Barium	327C3R3	3.12e+2 ug/g	1.62e+0 lbs/hr	Œ
Beryllium	327C1R1	7.15e+1 ug/g	1.40e-2 lbs/hr	Œ
Beryllium	327C2R1	9.30e+1 ug/g	5.50e-2 lbs/hr	Œ
Beryllium	327C2R2	8.97e+1 ug/g	4.61e-2 lbs/hr	Œ
Beryllium	327C2R3	5.82e+1 ug/g	3.54e-2 lbs/hr	Œ
Beryllium	327C3R1	4.73e+1 ug/g	2.11e-1 lbs/hr	Œ
Beryllium	327C3R2	5.69e+1 ug/g	4.75e-2 lbs/hr	Œ
Beryllium	327C3R3	3.82e+1 ug/g	1.99e-1 lbs/hr	Œ
Cadmium	327C1R1	7.69e-1 ug/g	1.50e-4 lbs/hr	Œ
Cadmium	327C2R1	ND 1.95e+0 ug/g	1.15e-3 lbs/hr	Œ
Cadmium	327C2R2	ND 1.74e+0 ug/g	8.94e-4 lbs/hr	Œ
Cadmium	327C2R3	4.11e+0 ug/g	2.50e-3 lbs/hr	Œ
Cadmium	327C3R1	1.72e-1 ug/g	7.67e-4 lbs/hr	Œ
Cadmium	327C3R2	ND 1.77e-1 ug/g	1.48e-4 lbs/hr	Œ
Cadmium	327C3R3	2.44e-1 ug/g	1.27e-3 lbs/hr	Œ
Chromium	327C1R1	8.92e+1 ug/g	1.74e-2 lbs/hr	Œ

1. COMPANY: APTUS
2. STATE: UT
3. CITY: ARAGONITE EPA ID: UTD981552177 REGION: 8
4. EP ID: 327 DEVICE NAME: SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: SD/FF/WS/ESP

Chromium	327C2R1		3.52e+2	ug/g	2.08e-1	lbs/hr	CE
Chromium	327C2R2		1.33e+2	ug/g	6.83e-2	lbs/hr	CE
Chromium	327C2R3		4.52e+2	ug/g	2.75e-1	lbs/hr	CE
Chromium	327C3R1		4.29e+1	ug/g	1.91e-1	lbs/hr	CE
Chromium	327C3R2		8.79e+1	ug/g	7.34e-2	lbs/hr	CE
Chromium	327C3R3		5.44e+1	ug/g	2.83e-1	lbs/hr	CE
Lead	327C1R1		3.80e+2	ug/g	7.42e-2	lbs/hr	CE
Lead	327C2R1		7.20e+2	ug/g	4.26e-1	lbs/hr	CE
Lead	327C2R2		6.90e+2	ug/g	3.55e-1	lbs/hr	CE
Lead	327C2R3		2.50e+2	ug/g	1.52e-1	lbs/hr	CE
Lead	327C3R1		2.50e+2	ug/g	1.11e+0	lbs/hr	CE
Lead	327C3R2		5.30e+2	ug/g	4.42e-1	lbs/hr	CE
Lead	327C3R3		1.40e+2	ug/g	7.28e-1	lbs/hr	CE
Mercury	327C1R1		9.14e-1	ug/g	1.78e-4	lbs/hr	CE
Mercury	327C2R1		2.38e+1	ug/g	1.41e-2	lbs/hr	CE
Mercury	327C2R2		7.05e+0	ug/g	3.62e-3	lbs/hr	CE
Mercury	327C2R3		2.80e+0	ug/g	1.70e-3	lbs/hr	CE
Mercury	327C3R1		3.66e-1	ug/g	1.63e-3	lbs/hr	CE
Mercury	327C3R2		2.74e+0	ug/g	2.28e-3	lbs/hr	CE
Mercury	327C3R3		3.41e+0	ug/g	1.78e-2	lbs/hr	CE
Mercury	327C4R1		2.00e+1	ug/g	1.10e-1	lbs/hr	CC
Mercury	327C4R2		2.00e+1	ug/g	1.43e-1	lbs/hr	CC
Mercury	327C4R3		2.00e+1	ug/g	1.34e-1	lbs/hr	CC
Mercury	327C5R1		2.00e+1	ug/g	1.00e-1	lbs/hr	CC
Mercury	327C5R2		2.00e+1	ug/g	1.65e-1	lbs/hr	CC
Mercury	327C5R3		2.00e+1	ug/g	1.42e-1	lbs/hr	CC
Silver	327C1R1		1.30e+1	ug/g	2.54e-3	lbs/hr	CE
Silver	327C2R1	ND	1.30e+0	ug/g	7.69e-4	lbs/hr	CE
Silver	327C2R2		3.50e+0	ug/g	1.80e-3	lbs/hr	CE
Silver	327C2R3	ND	1.40e+0	ug/g	8.51e-4	lbs/hr	CE
Silver	327C3R1		6.70e+0	ug/g	2.99e-2	lbs/hr	CE
Silver	327C3R2		6.80e+0	ug/g	5.68e-3	lbs/hr	CE
Silver	327C3R3		3.30e+0	ug/g	1.72e-2	lbs/hr	CE
Thallium	327C1R1	ND	1.10e+1	ug/g	2.15e-3	lbs/hr	CE
Thallium	327C2R1	ND	7.00e+1	ug/g	4.14e-2	lbs/hr	CE
Thallium	327C2R2	ND	6.00e+1	ug/g	3.08e-2	lbs/hr	CE
Thallium	327C2R3	ND	7.00e+1	ug/g	4.26e-2	lbs/hr	CE
Thallium	327C3R1	ND	5.70e+0	ug/g	2.54e-2	lbs/hr	CE
Thallium	327C3R2	ND	5.90e+0	ug/g	4.92e-3	lbs/hr	CE
Thallium	327C3R3	ND	6.10e+0	ug/g	3.17e-2	lbs/hr	CE

7. Category: PCB

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate		Calc
PCBs	327C1R1	ND	1.84e+2	ug/g	3.59e-2	lbs/hr	CE
PCBs	327C2R1	ND	2.38e+1	ug/g	1.41e-2	lbs/hr	CE
PCBs	327C2R2	ND	1.05e+2	ug/g	5.39e-2	lbs/hr	CE
PCBs	327C2R3	ND	1.22e+1	ug/g	7.42e-3	lbs/hr	CE
PCBs	327C3R1	ND	7.00e+1	ug/g	3.12e-1	lbs/hr	CE
PCBs	327C3R2	ND	1.80e+2	ug/g	1.50e-1	lbs/hr	CE
PCBs	327C3R3	ND	1.82e+2	ug/g	9.47e-1	lbs/hr	CE
PCBs	327C4R1		7.30e+4	ug/g	4.02e+2	lbs/hr	CC
PCBs	327C4R2		7.30e+4	ug/g	5.22e+2	lbs/hr	CC
PCBs	327C4R3		7.30e+4	ug/g	4.89e+2	lbs/hr	CC
PCBs	327C5R1		7.30e+4	ug/g	3.65e+2	lbs/hr	CC
PCBs	327C5R2		7.30e+4	ug/g	6.02e+2	lbs/hr	CC
PCBs	327C5R3		7.30e+4	ug/g	5.17e+2	lbs/hr	CC

7. Category: SVOC

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate		Calc
Hexachloroethane	327C1R1		2.83e+0	ug/g	5.52e-4	lbs/hr	CE
Hexachloroethane	327C2R1	ND	4.40e-1	ug/g	2.60e-4	lbs/hr	CE
Hexachloroethane	327C2R2	ND	4.63e-1	ug/g	2.38e-4	lbs/hr	CE
Hexachloroethane	327C2R3	ND	3.49e-1	ug/g	2.12e-4	lbs/hr	CE
Hexachloroethane	327C3R1		4.60e-1	ug/g	2.05e-3	lbs/hr	CE
Hexachloroethane	327C3R2		1.25e+0	ug/g	1.04e-3	lbs/hr	CE
Hexachloroethane	327C3R3	ND	2.00e-2	ug/g	1.04e-4	lbs/hr	CE

SECTION 8: OTHER STREAM ANALYSES

1. COMPANY: APTUS
2. STATE: UT
3. CITY: ARAGONITE EPA ID: UTD981552177 REGION: 8
4. EP ID: 327 DEVICE NAME: SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: SD/FF/WS/ESP

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate		Calc
Chlorobenzene	327C1R1	ND	9.95e+3	ug/g	1.94e+0	lbs/hr	CE
Chlorobenzene	327C2R1	ND	1.00e+2	ug/g	5.92e-2	lbs/hr	CE
Chlorobenzene	327C2R2	ND	5.00e+1	ug/g	2.57e-2	lbs/hr	CE
Chlorobenzene	327C2R3	ND	5.00e+1	ug/g	3.04e-2	lbs/hr	CE
Chlorobenzene	327C3R1	ND	5.00e+1	ug/g	2.23e-1	lbs/hr	CE
Chlorobenzene	327C3R2	ND	5.00e+1	ug/g	4.17e-2	lbs/hr	CE
Chlorobenzene	327C3R3	ND	5.00e+1	ug/g	2.60e-1	lbs/hr	CE

6. Description: AQUEOUS
Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: LIQUID

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate		Calc
Antimony	327C1R1		1.28e+3	ug/g	1.97e+0	lbs/hr	CE
Antimony	327C1R2		1.11e+1	ug/g	2.12e-2	lbs/hr	CE
Antimony	327C1R3		8.70e+0	ug/g	1.70e-2	lbs/hr	CE
Antimony	327C2R1		8.35e+0	ug/g	9.53e-3	lbs/hr	CE
Antimony	327C2R2		4.94e+0	ug/g	6.41e-3	lbs/hr	CE
Antimony	327C2R3		3.14e+0	ug/g	4.08e-3	lbs/hr	CE
Antimony	327C3R1	ND	3.00e+0	ug/g	3.59e-3	lbs/hr	CE
Antimony	327C3R2		5.05e+0	ug/g	4.70e-3	lbs/hr	CE
Antimony	327C3R3		4.71e-2	ug/g	2.77e-5	lbs/hr	CE
Arsenic	327C1R1		3.34e+3	ug/g	5.14e+0	lbs/hr	CE
Arsenic	327C1R2		1.52e+2	ug/g	2.88e-1	lbs/hr	CE
Arsenic	327C1R3		1.62e+2	ug/g	3.17e-1	lbs/hr	CE
Arsenic	327C2R1		2.98e+1	ug/g	3.40e-2	lbs/hr	CE
Arsenic	327C2R2		1.98e+1	ug/g	2.56e-2	lbs/hr	CE
Arsenic	327C2R3		1.47e+1	ug/g	1.91e-2	lbs/hr	CE
Arsenic	327C3R1		1.80e+1	ug/g	2.15e-2	lbs/hr	CE
Arsenic	327C3R2		2.18e+1	ug/g	2.03e-2	lbs/hr	CE
Arsenic	327C3R3		1.86e+0	ug/g	1.10e-3	lbs/hr	CE
Barium	327C1R1		4.96e+3	ug/g	7.65e+0	lbs/hr	CE
Barium	327C1R2		5.23e+1	ug/g	9.94e-2	lbs/hr	CE
Barium	327C1R3		4.25e+1	ug/g	8.32e-2	lbs/hr	CE
Barium	327C2R1		4.10e+0	ug/g	4.69e-3	lbs/hr	CE
Barium	327C2R2		2.26e+1	ug/g	2.93e-2	lbs/hr	CE
Barium	327C2R3		1.08e+0	ug/g	1.40e-3	lbs/hr	CE
Barium	327C3R1		1.39e+0	ug/g	1.66e-3	lbs/hr	CE
Barium	327C3R2		6.26e+0	ug/g	5.83e-3	lbs/hr	CE
Barium	327C3R3		4.20e-1	ug/g	2.47e-4	lbs/hr	CE
Beryllium	327C1R1		1.77e+2	ug/g	2.72e-1	lbs/hr	CE
Beryllium	327C1R2		6.82e-1	ug/g	1.30e-3	lbs/hr	CE
Beryllium	327C1R3		4.46e-1	ug/g	8.73e-4	lbs/hr	CE
Beryllium	327C2R1		1.64e+0	ug/g	1.87e-3	lbs/hr	CE
Beryllium	327C2R2		7.65e-1	ug/g	9.92e-4	lbs/hr	CE
Beryllium	327C2R3		3.82e-1	ug/g	4.96e-4	lbs/hr	CE
Beryllium	327C3R1		5.47e-1	ug/g	6.54e-4	lbs/hr	CE
Beryllium	327C3R2		7.31e-1	ug/g	6.81e-4	lbs/hr	CE
Beryllium	327C3R3		5.10e-2	ug/g	3.00e-5	lbs/hr	CE
Cadmium	327C1R1		2.93e+2	ug/g	4.52e-1	lbs/hr	CE
Cadmium	327C1R2		3.57e+1	ug/g	6.79e-2	lbs/hr	CE
Cadmium	327C1R3		4.14e+1	ug/g	8.10e-2	lbs/hr	CE
Cadmium	327C2R1		1.62e+0	ug/g	1.85e-3	lbs/hr	CE
Cadmium	327C2R2		1.03e+0	ug/g	1.33e-3	lbs/hr	CE
Cadmium	327C2R3	ND	2.95e-2	ug/g	3.82e-5	lbs/hr	CE
Cadmium	327C3R1	ND	1.49e-1	ug/g	1.78e-4	lbs/hr	CE
Cadmium	327C3R2		4.99e-1	ug/g	4.65e-4	lbs/hr	CE
Cadmium	327C3R3		2.65e-2	ug/g	1.56e-5	lbs/hr	CE
Chromium	327C1R1		5.19e+3	ug/g	8.00e+0	lbs/hr	CE
Chromium	327C1R2		4.39e+2	ug/g	8.35e-1	lbs/hr	CE
Chromium	327C1R3		5.06e+2	ug/g	9.90e-1	lbs/hr	CE
Chromium	327C2R1		7.96e+1	ug/g	9.09e-2	lbs/hr	CE
Chromium	327C2R2		5.20e+1	ug/g	6.74e-2	lbs/hr	CE
Chromium	327C2R3		4.00e+1	ug/g	5.19e-2	lbs/hr	CE
Chromium	327C3R1		3.93e+1	ug/g	4.70e-2	lbs/hr	CE

1. COMPANY: APTUS
2. STATE: UT
3. CITY: ARAGONITE EPA UTD981552177 REGION: 8
4. EP ID: 327 DEVICE NAME: SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: SD/FF/WS/ESP

Chromium	327C3R2		5.20e+1	ug/g	4.84e-2	lbs/hr	CE
Chromium	327C3R3		4.59e+0	ug/g	2.70e-3	lbs/hr	CE
Lead	327C1R1		9.62e+2	ug/g	1.48e+0	lbs/hr	CE
Lead	327C1R2		8.60e+0	ug/g	1.63e-2	lbs/hr	CE
Lead	327C1R3		7.28e+0	ug/g	1.43e-2	lbs/hr	CE
Lead	327C2R1		6.16e+1	ug/g	7.03e-2	lbs/hr	CE
Lead	327C2R2		1.48e+1	ug/g	1.92e-2	lbs/hr	CE
Lead	327C2R3		8.45e+0	ug/g	1.10e-2	lbs/hr	CE
Lead	327C3R1		9.50e+0	ug/g	1.14e-2	lbs/hr	CE
Lead	327C3R2		1.49e+1	ug/g	1.38e-2	lbs/hr	CE
Lead	327C3R3		1.18e+0	ug/g	6.93e-4	lbs/hr	CE
Mercury	327C1R1		2.07e+1	ug/g	3.20e-2	lbs/hr	CE
Mercury	327C1R2		1.50e+1	ug/g	2.86e-2	lbs/hr	CE
Mercury	327C1R3		3.21e+1	ug/g	6.29e-2	lbs/hr	CE
Mercury	327C2R1		1.89e-1	ug/g	2.16e-4	lbs/hr	CE
Mercury	327C2R2		8.63e-2	ug/g	1.12e-4	lbs/hr	CE
Mercury	327C2R3	ND	1.97e-1	ug/g	2.55e-4	lbs/hr	CE
Mercury	327C3R1		4.02e+0	ug/g	4.80e-3	lbs/hr	CE
Mercury	327C3R2		1.23e+0	ug/g	1.15e-3	lbs/hr	CE
Mercury	327C3R3		6.87e-2	ug/g	4.04e-5	lbs/hr	CE
Silver	327C1R1		2.85e+1	ug/g	4.39e-2	lbs/hr	CE
Silver	327C1R2		4.35e-1	ug/g	8.27e-4	lbs/hr	CE
Silver	327C1R3		2.43e-1	ug/g	4.75e-4	lbs/hr	CE
Silver	327C2R1	ND	1.99e-1	ug/g	2.27e-4	lbs/hr	CE
Silver	327C2R2	ND	1.98e-1	ug/g	2.56e-4	lbs/hr	CE
Silver	327C2R3	ND	1.97e+0	ug/g	2.55e-3	lbs/hr	CE
Silver	327C3R1	ND	1.00e+0	ug/g	1.20e-3	lbs/hr	CE
Silver	327C3R2	ND	1.98e-1	ug/g	1.84e-4	lbs/hr	CE
Silver	327C3R3	ND	1.96e-2	ug/g	1.16e-5	lbs/hr	CE
Thallium	327C1R1		9.81e+1	ug/g	1.51e-1	lbs/hr	CE
Thallium	327C1R2	ND	1.01e+0	ug/g	1.92e-3	lbs/hr	CE
Thallium	327C1R3		1.11e+0	ug/g	2.18e-3	lbs/hr	CE
Thallium	327C2R1	ND	9.94e-1	ug/g	1.13e-3	lbs/hr	CE
Thallium	327C2R2	ND	9.89e-1	ug/g	1.28e-3	lbs/hr	CE
Thallium	327C2R3	ND	9.83e-1	ug/g	1.27e-3	lbs/hr	CE
Thallium	327C3R1	ND	5.00e+0	ug/g	5.98e-3	lbs/hr	CE
Thallium	327C3R2	ND	9.90e-1	ug/g	9.22e-4	lbs/hr	CE
Thallium	327C3R3	ND	9.81e-2	ug/g	5.78e-5	lbs/hr	CE

7. Category: PCB

Analysis:

8. Substance	9. Run ID		Concentration		Mass Rate		Calc
PCBs	327C1R1	ND	1.54e+3	ug/g	2.37e+0	lbs/hr	CE
PCBs	327C1R2	ND	1.16e+1	ug/g	2.21e-2	lbs/hr	CE
PCBs	327C1R3	ND	8.77e+0	ug/g	1.72e-2	lbs/hr	CE
PCBs	327C2R1	ND	5.59e+0	ug/g	6.38e-3	lbs/hr	CE
PCBs	327C2R2	ND	6.47e-1	ug/g	8.39e-4	lbs/hr	CE
PCBs	327C2R3	ND	4.69e-1	ug/g	6.08e-4	lbs/hr	CE
PCBs	327C3R1	ND	1.34e+1	ug/g	1.60e-2	lbs/hr	CE
PCBs	327C3R2	ND	1.43e+0	ug/g	1.33e-3	lbs/hr	CE
PCBs	327C3R3	ND	1.34e-1	ug/g	7.89e-5	lbs/hr	CE

7. Category: SVOC

Analysis:

8. Substance	9. Run ID		Concentration		Mass Rate		Calc
Hexachloroethane	327C1R1		4.04e-3	ug/g	6.23e-6	lbs/hr	CE
Hexachloroethane	327C1R2		4.33e-3	ug/g	8.23e-6	lbs/hr	CE
Hexachloroethane	327C1R3		4.53e-3	ug/g	8.87e-6	lbs/hr	CE
Hexachloroethane	327C2R1	ND	7.09e-3	ug/g	8.10e-6	lbs/hr	CE
Hexachloroethane	327C2R2	ND	7.88e-3	ug/g	1.02e-5	lbs/hr	CE
Hexachloroethane	327C2R3	ND	7.13e-3	ug/g	9.25e-6	lbs/hr	CE
Hexachloroethane	327C3R1	ND	7.32e-1	ug/g	8.75e-4	lbs/hr	CE
Hexachloroethane	327C3R2	ND	1.45e-3	ug/g	1.35e-6	lbs/hr	CE
Hexachloroethane	327C3R3	ND	1.13e-3	ug/g	6.65e-7	lbs/hr	CE

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc

1. COMPANY: APTUS
2. STATE: UT
3. CITY: ARAGONITE EPA ID: UTD981552177 REGION: 8
4. EP ID: 327 DEVICE NAME: SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: SD/FF/WS/ESP

Chlorobenzene	327C1R1		1.00e+4	ug/g	1.54e+1	lbs/hr	CE
Chlorobenzene	327C1R2		1.30e+2	ug/g	2.47e-1	lbs/hr	CE
Chlorobenzene	327C1R3		1.20e+2	ug/g	2.35e-1	lbs/hr	CE
Chlorobenzene	327C2R1		1.50e+2	ug/g	1.71e-1	lbs/hr	CE
Chlorobenzene	327C2R2	ND	1.00e+2	ug/g	1.30e-1	lbs/hr	CE
Chlorobenzene	327C2R3	ND	1.00e+2	ug/g	1.30e-1	lbs/hr	CE
Chlorobenzene	327C3R1	ND	1.00e+2	ug/g	1.20e-1	lbs/hr	CE
Chlorobenzene	327C3R2	ND	1.00e+2	ug/g	9.31e-2	lbs/hr	CE
Chlorobenzene	327C3R3	ND	1.00e+2	ug/g	5.89e-2	lbs/hr	CE

6. Description: BLENDED LIQUID FEED
Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: LIQUID

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate		Calc
Antimony	327C1R1	ND	2.90e+0	ug/g	1.75e-2	lbs/hr	CE
Antimony	327C1R2	ND	2.90e+0	ug/g	1.57e-2	lbs/hr	CE
Antimony	327C1R3	ND	2.90e+0	ug/g	1.35e-2	lbs/hr	CE
Antimony	327C2R1	ND	2.90e+0	ug/g	1.49e-2	lbs/hr	CE
Antimony	327C2R2	ND	2.90e+0	ug/g	1.74e-2	lbs/hr	CE
Antimony	327C2R3	ND	3.00e+0	ug/g	1.77e-2	lbs/hr	CE
Antimony	327C3R1	ND	2.90e+0	ug/g	1.72e-2	lbs/hr	CE
Antimony	327C3R2	ND	3.00e+0	ug/g	1.89e-2	lbs/hr	CE
Antimony	327C3R3	ND	3.00e+0	ug/g	9.73e-3	lbs/hr	CE
Arsenic	327C1R1	ND	2.40e+0	ug/g	1.45e-2	lbs/hr	CE
Arsenic	327C1R2	ND	2.50e+0	ug/g	1.36e-2	lbs/hr	CE
Arsenic	327C1R3	ND	2.40e+0	ug/g	1.12e-2	lbs/hr	CE
Arsenic	327C2R1	ND	2.50e+0	ug/g	1.29e-2	lbs/hr	CE
Arsenic	327C2R2	ND	2.40e+0	ug/g	1.44e-2	lbs/hr	CE
Arsenic	327C2R3	ND	2.50e+0	ug/g	1.47e-2	lbs/hr	CE
Arsenic	327C3R1	ND	2.40e+0	ug/g	1.43e-2	lbs/hr	CE
Arsenic	327C3R2	ND	2.50e+0	ug/g	1.58e-2	lbs/hr	CE
Arsenic	327C3R3	ND	2.50e+0	ug/g	8.11e-3	lbs/hr	CE
Barium	327C1R1		7.92e+0	ug/g	4.79e-2	lbs/hr	CE
Barium	327C1R2		1.48e+1	ug/g	8.03e-2	lbs/hr	CE
Barium	327C1R3		1.57e+0	ug/g	7.31e-3	lbs/hr	CE
Barium	327C2R1		2.06e+0	ug/g	1.06e-2	lbs/hr	CE
Barium	327C2R2		8.60e+0	ug/g	5.15e-2	lbs/hr	CE
Barium	327C2R3		1.28e+1	ug/g	7.54e-2	lbs/hr	CE
Barium	327C3R1		8.78e+0	ug/g	5.22e-2	lbs/hr	CE
Barium	327C3R2		4.75e+1	ug/g	2.99e-1	lbs/hr	CE
Barium	327C3R3		4.99e+1	ug/g	1.62e-1	lbs/hr	CE
Beryllium	327C1R1		2.93e-1	ug/g	1.77e-3	lbs/hr	CE
Beryllium	327C1R2		2.94e-1	ug/g	1.59e-3	lbs/hr	CE
Beryllium	327C1R3		3.82e-1	ug/g	1.78e-3	lbs/hr	CE
Beryllium	327C2R1	ND	9.80e-2	ug/g	5.05e-4	lbs/hr	CE
Beryllium	327C2R2	ND	9.60e-2	ug/g	5.75e-4	lbs/hr	CE
Beryllium	327C2R3		1.00e-1	ug/g	5.89e-4	lbs/hr	CE
Beryllium	327C3R1		9.60e-2	ug/g	5.71e-4	lbs/hr	CE
Beryllium	327C3R2		5.44e-1	ug/g	3.43e-3	lbs/hr	CE
Beryllium	327C3R3		3.46e-1	ug/g	1.12e-3	lbs/hr	CE
Cadmium	327C1R1	ND	1.47e-1	ug/g	8.89e-4	lbs/hr	CE
Cadmium	327C1R2		2.94e-1	ug/g	1.59e-3	lbs/hr	CE
Cadmium	327C1R3	ND	1.43e-1	ug/g	6.66e-4	lbs/hr	CE
Cadmium	327C2R1	ND	1.47e-1	ug/g	7.57e-4	lbs/hr	CE
Cadmium	327C2R2		2.88e-1	ug/g	1.72e-3	lbs/hr	CE
Cadmium	327C2R3		3.98e-1	ug/g	2.34e-3	lbs/hr	CE
Cadmium	327C3R1		3.84e-1	ug/g	2.28e-3	lbs/hr	CE
Cadmium	327C3R2		6.92e-1	ug/g	4.36e-3	lbs/hr	CE
Cadmium	327C3R3		7.91e-1	ug/g	2.57e-3	lbs/hr	CE
Chromium	327C1R1		1.12e+0	ug/g	6.77e-3	lbs/hr	CE
Chromium	327C1R2		1.81e+0	ug/g	9.82e-3	lbs/hr	CE
Chromium	327C1R3		2.86e-1	ug/g	1.33e-3	lbs/hr	CE
Chromium	327C2R1		8.84e-1	ug/g	4.55e-3	lbs/hr	CE
Chromium	327C2R2		1.30e+0	ug/g	7.78e-3	lbs/hr	CE
Chromium	327C2R3		1.54e+0	ug/g	9.07e-3	lbs/hr	CE
Chromium	327C3R1		2.01e+0	ug/g	1.20e-2	lbs/hr	CE
Chromium	327C3R2		6.28e+0	ug/g	3.96e-2	lbs/hr	CE
Chromium	327C3R3		6.47e+0	ug/g	2.10e-2	lbs/hr	CE
Lead	327C1R1		5.90e+0	ug/g	3.57e-2	lbs/hr	CE

1. COMPANY: APTUS
2. STATE: UT
3. CITY: ARAGONITE EPA ID: UTD981552177 REGION: 8
4. EP ID: 327 DEVICE NAME: SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: SD/FF/WS/ESP

Lead	327C1R2		8.80e+0	ug/g	4.77e-2	lbs/hr	CE
Lead	327C1R3		5.20e+0	ug/g	2.42e-2	lbs/hr	CE
Lead	327C2R1		2.90e+0	ug/g	1.49e-2	lbs/hr	CE
Lead	327C2R2		3.40e+0	ug/g	2.04e-2	lbs/hr	CE
Lead	327C2R3		8.00e+0	ug/g	4.71e-2	lbs/hr	CE
Lead	327C3R1		5.30e+0	ug/g	3.15e-2	lbs/hr	CE
Lead	327C3R2		1.90e+1	ug/g	1.20e-1	lbs/hr	CE
Lead	327C3R3		2.00e+1	ug/g	6.49e-2	lbs/hr	CE
Mercury	327C1R1	ND	1.33e-1	ug/g	8.06e-4	lbs/hr	CE
Mercury	327C1R2		1.59e-1	ug/g	8.60e-4	lbs/hr	CE
Mercury	327C1R3	ND	1.53e-1	ug/g	7.13e-4	lbs/hr	CE
Mercury	327C2R1	ND	1.17e-1	ug/g	6.01e-4	lbs/hr	CE
Mercury	327C2R2	ND	1.43e-1	ug/g	8.55e-4	lbs/hr	CE
Mercury	327C2R3		1.28e-1	ug/g	7.54e-4	lbs/hr	CE
Mercury	327C3R1		4.68e-1	ug/g	2.79e-3	lbs/hr	CE
Mercury	327C3R2		3.54e-1	ug/g	2.23e-3	lbs/hr	CE
Mercury	327C3R3		2.17e-1	ug/g	7.04e-4	lbs/hr	CE
Mercury	327C4R1		1.70e-1	ug/g	1.39e-4	lbs/hr	CC
Mercury	327C4R2		1.69e-1	ug/g	1.41e-4	lbs/hr	CC
Mercury	327C4R3		1.70e-1	ug/g	7.13e-5	lbs/hr	CC
Mercury	327C5R1		1.69e-1	ug/g	1.55e-4	lbs/hr	CC
Mercury	327C5R2		1.68e-1	ug/g	7.97e-5	lbs/hr	CC
Mercury	327C5R3		1.69e-1	ug/g	1.77e-4	lbs/hr	CC
Silver	327C1R1	ND	1.00e+0	ug/g	6.04e-3	lbs/hr	CE
Silver	327C1R2	ND	9.80e-1	ug/g	5.31e-3	lbs/hr	CE
Silver	327C1R3	ND	9.50e-1	ug/g	4.43e-3	lbs/hr	CE
Silver	327C2R1	ND	9.80e-1	ug/g	5.05e-3	lbs/hr	CE
Silver	327C2R2	ND	9.60e-1	ug/g	5.75e-3	lbs/hr	CE
Silver	327C2R3	ND	1.00e+0	ug/g	5.89e-3	lbs/hr	CE
Silver	327C3R1	ND	9.60e-1	ug/g	5.71e-3	lbs/hr	CE
Silver	327C3R2	ND	9.90e-1	ug/g	6.24e-3	lbs/hr	CE
Silver	327C3R3		1.50e+0	ug/g	4.87e-3	lbs/hr	CE
Thallium	327C1R1	ND	4.90e+0	ug/g	2.96e-2	lbs/hr	CE
Thallium	327C1R2	ND	4.90e+0	ug/g	2.66e-2	lbs/hr	CE
Thallium	327C1R3	ND	4.80e+0	ug/g	2.24e-2	lbs/hr	CE
Thallium	327C2R1	ND	4.90e+0	ug/g	2.52e-2	lbs/hr	CE
Thallium	327C2R2	ND	4.80e+0	ug/g	2.87e-2	lbs/hr	CE
Thallium	327C2R3	ND	5.00e+0	ug/g	2.94e-2	lbs/hr	CE
Thallium	327C3R1	ND	4.80e+0	ug/g	2.85e-2	lbs/hr	CE
Thallium	327C3R2	ND	4.90e+0	ug/g	3.09e-2	lbs/hr	CE
Thallium	327C3R3	ND	4.90e+0	ug/g	1.59e-2	lbs/hr	CE

7. Category: PCB

Analysis:

8. Substance	9. Run ID		Concentration		Mass Rate		Calc
PCBs	327C1R1	ND	2.54e+5	ug/g	1.54e+3	lbs/hr	CE
PCBs	327C1R2	ND	2.73e+5	ug/g	1.48e+3	lbs/hr	CE
PCBs	327C1R3	ND	2.54e+5	ug/g	1.18e+3	lbs/hr	CE
PCBs	327C2R1		2.29e+5	ug/g	1.18e+3	lbs/hr	CE
PCBs	327C2R2		2.19e+5	ug/g	1.31e+3	lbs/hr	CE
PCBs	327C2R3		2.30e+5	ug/g	1.35e+3	lbs/hr	CE
PCBs	327C3R1	ND	2.95e+5	ug/g	1.75e+3	lbs/hr	CE
PCBs	327C3R2		3.05e+5	ug/g	1.92e+3	lbs/hr	CE
PCBs	327C4R1		3.58e+4	ug/g	2.94e+1	lbs/hr	CC
PCBs	327C4R2		3.56e+4	ug/g	2.97e+1	lbs/hr	CC
PCBs	327C4R3		3.58e+4	ug/g	1.50e+1	lbs/hr	CC
PCBs	327C5R1		3.57e+4	ug/g	3.28e+1	lbs/hr	CC
PCBs	327C5R2		3.55e+4	ug/g	1.68e+1	lbs/hr	CC
PCBs	327C5R3		3.57e+4	ug/g	3.73e+1	lbs/hr	CC

7. Category: SVOC

Analysis:

8. Substance	9. Run ID		Concentration		Mass Rate		Calc
Hexachloroethane	327C1R1	ND	6.61e+0	ug/g	4.00e-2	lbs/hr	CE
Hexachloroethane	327C1R2	ND	8.49e+0	ug/g	4.60e-2	lbs/hr	CE
Hexachloroethane	327C1R3	ND	8.05e+0	ug/g	3.75e-2	lbs/hr	CE
Hexachloroethane	327C2R1	ND	2.25e+1	ug/g	1.16e-1	lbs/hr	CE
Hexachloroethane	327C2R2	ND	2.29e+1	ug/g	1.37e-1	lbs/hr	CE
Hexachloroethane	327C2R3	ND	2.26e+1	ug/g	1.33e-1	lbs/hr	CE
Hexachloroethane	327C3R1	ND	1.64e+1	ug/g	9.75e-2	lbs/hr	CE

1. COMPANY: APTUS
2. STATE: UT
3. CITY: ARAGONITE EPA ID: UTD981552177 REGION: 8
4. EP ID: 327 DEVICE NAME: SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: SD/FF/WS/ESP

Hexachloroethane	327C3R2	ND	8.13e+0	ug/g	5.12e-2	lbs/hr	CE
Hexachloroethane	327C3R3	ND	1.89e+1	ug/g	6.13e-2	lbs/hr	CE

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate		Calc
Chlorobenzene	327C1R1		2.00e+5	ug/g	1.21e+3	lbs/hr	CE
Chlorobenzene	327C1R2		2.40e+5	ug/g	1.30e+3	lbs/hr	CE
Chlorobenzene	327C1R3		2.70e+5	ug/g	1.26e+3	lbs/hr	CE
Chlorobenzene	327C2R1		2.90e+5	ug/g	1.49e+3	lbs/hr	CE
Chlorobenzene	327C2R2		3.40e+5	ug/g	2.04e+3	lbs/hr	CE
Chlorobenzene	327C2R3		3.70e+5	ug/g	2.18e+3	lbs/hr	CE
Chlorobenzene	327C3R1		4.70e+5	ug/g	2.79e+3	lbs/hr	CE
Chlorobenzene	327C3R2		3.60e+5	ug/g	2.27e+3	lbs/hr	CE
Chlorobenzene	327C3R3		3.50e+5	ug/g	1.14e+3	lbs/hr	CE

6. Description: DIRECT BURN
Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: LIQUID

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate		Calc
Antimony	327C1R1	ND	3.00e+0	ug/g	2.72e-1	lbs/hr	CE
Antimony	327C1R2	ND	2.80e+0	ug/g	2.09e-3	lbs/hr	CE
Antimony	327C1R3	ND	1.72e+0	ug/g	1.18e-3	lbs/hr	CE
Antimony	327C2R1	ND	6.06e-1	ug/g	4.94e-4	lbs/hr	CE
Antimony	327C2R2	ND	6.05e-1	ug/g	3.44e-4	lbs/hr	CE
Antimony	327C2R3		7.07e-2	ug/g	4.13e-5	lbs/hr	CE
Antimony	327C3R1	ND	2.55e+0	ug/g	2.31e-3	lbs/hr	CE
Antimony	327C3R2	ND	3.00e+0	ug/g	2.26e-3	lbs/hr	CE
Antimony	327C3R3	ND	2.90e+0	ug/g	1.53e-3	lbs/hr	CE
Arsenic	327C1R1	ND	2.50e+0	ug/g	2.27e-1	lbs/hr	CE
Arsenic	327C1R2	ND	2.30e+0	ug/g	1.72e-3	lbs/hr	CE
Arsenic	327C1R3	ND	1.43e+0	ug/g	9.78e-4	lbs/hr	CE
Arsenic	327C2R1	ND	5.05e-1	ug/g	4.12e-4	lbs/hr	CE
Arsenic	327C2R2	ND	5.04e-1	ug/g	2.87e-4	lbs/hr	CE
Arsenic	327C2R3		1.31e-1	ug/g	7.67e-5	lbs/hr	CE
Arsenic	327C3R1	ND	1.50e+0	ug/g	1.36e-3	lbs/hr	CE
Arsenic	327C3R2	ND	2.50e+0	ug/g	1.89e-3	lbs/hr	CE
Arsenic	327C3R3	ND	2.40e+0	ug/g	1.26e-3	lbs/hr	CE
Barium	327C1R1		2.62e+0	ug/g	2.38e-1	lbs/hr	CE
Barium	327C1R2		2.55e+0	ug/g	1.90e-3	lbs/hr	CE
Barium	327C1R3		1.45e+1	ug/g	9.92e-3	lbs/hr	CE
Barium	327C2R1		1.13e-1	ug/g	9.23e-5	lbs/hr	CE
Barium	327C2R2		7.36e-2	ug/g	4.19e-5	lbs/hr	CE
Barium	327C2R3		3.13e-2	ug/g	1.83e-5	lbs/hr	CE
Barium	327C3R1		5.56e-1	ug/g	5.04e-4	lbs/hr	CE
Barium	327C3R2		4.70e+2	ug/g	3.55e-1	lbs/hr	CE
Barium	327C3R3		5.97e+2	ug/g	3.14e-1	lbs/hr	CE
Beryllium	327C1R1		3.46e-1	ug/g	3.14e-2	lbs/hr	CE
Beryllium	327C1R2		9.30e-2	ug/g	6.94e-5	lbs/hr	CE
Beryllium	327C1R3		4.09e-1	ug/g	2.80e-4	lbs/hr	CE
Beryllium	327C2R1	ND	2.02e-2	ug/g	1.65e-5	lbs/hr	CE
Beryllium	327C2R2	ND	2.02e-2	ug/g	1.15e-5	lbs/hr	CE
Beryllium	327C2R3	ND	2.02e-3	ug/g	1.18e-6	lbs/hr	CE
Beryllium	327C3R1	ND	2.69e+0	ug/g	2.44e-3	lbs/hr	CE
Beryllium	327C3R2		2.81e+0	ug/g	2.12e-3	lbs/hr	CE
Beryllium	327C3R3		4.41e+0	ug/g	2.32e-3	lbs/hr	CE
Cadmium	327C1R1	ND	1.48e-1	ug/g	1.34e-2	lbs/hr	CE
Cadmium	327C1R2	ND	1.39e-1	ug/g	1.04e-4	lbs/hr	CE
Cadmium	327C1R3	ND	9.70e-2	ug/g	6.63e-5	lbs/hr	CE
Cadmium	327C2R1	ND	3.03e-2	ug/g	2.47e-5	lbs/hr	CE
Cadmium	327C2R2	ND	3.02e-2	ug/g	1.72e-5	lbs/hr	CE
Cadmium	327C2R3	ND	3.03e-3	ug/g	1.77e-6	lbs/hr	CE
Cadmium	327C3R1	ND	5.62e+0	ug/g	5.09e-3	lbs/hr	CE
Cadmium	327C3R2		6.31e+0	ug/g	4.76e-3	lbs/hr	CE
Cadmium	327C3R3		9.17e+0	ug/g	4.83e-3	lbs/hr	CE
Chromium	327C1R1		3.46e-1	ug/g	3.14e-2	lbs/hr	CE
Chromium	327C1R2		2.78e-1	ug/g	2.07e-4	lbs/hr	CE
Chromium	327C1R3		3.60e+0	ug/g	2.46e-3	lbs/hr	CE

1. COMPANY: APTUS
2. STATE: UT
3. CITY: ARAGONITE EPA ID: UTD981552177 REGION: 8
4. EP ID: 327 DEVICE NAME: SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: SD/FF/WS/ESP

Chromium	327C2R1		4.04e-2	ug/g	3.30e-5	lbs/hr	CE
Chromium	327C2R2		4.03e-2	ug/g	2.30e-5	lbs/hr	CE
Chromium	327C2R3		8.08e-3	ug/g	4.72e-6	lbs/hr	CE
Chromium	327C3R1		6.37e+1	ug/g	5.77e-2	lbs/hr	CE
Chromium	327C3R2		7.44e+1	ug/g	5.62e-2	lbs/hr	CE
Chromium	327C3R3		1.25e+2	ug/g	6.58e-2	lbs/hr	CE
Lead	327C1R1	ND	2.50e+0	ug/g	2.27e-1	lbs/hr	CE
Lead	327C1R2	ND	2.30e+0	ug/g	1.72e-3	lbs/hr	CE
Lead	327C1R3	ND	6.27e+0	ug/g	4.29e-3	lbs/hr	CE
Lead	327C2R1	ND	5.05e-1	ug/g	4.12e-4	lbs/hr	CE
Lead	327C2R2	ND	5.04e-1	ug/g	2.87e-4	lbs/hr	CE
Lead	327C2R3	ND	5.05e-1	ug/g	2.95e-4	lbs/hr	CE
Lead	327C3R1	ND	1.55e+2	ug/g	1.40e-1	lbs/hr	CE
Lead	327C3R2		1.80e+2	ug/g	1.36e-1	lbs/hr	CE
Lead	327C3R3		3.30e+2	ug/g	1.74e-1	lbs/hr	CE
Mercury	327C1R1	ND	1.05e-1	ug/g	9.56e-3	lbs/hr	CE
Mercury	327C1R2	ND	1.33e-1	ug/g	9.93e-5	lbs/hr	CE
Mercury	327C1R3	ND	9.70e-2	ug/g	6.63e-5	lbs/hr	CE
Mercury	327C2R1	ND	3.03e-4	ug/g	2.47e-7	lbs/hr	CE
Mercury	327C2R2	ND	3.02e-4	ug/g	1.72e-7	lbs/hr	CE
Mercury	327C2R3	ND	3.03e-4	ug/g	1.77e-7	lbs/hr	CE
Mercury	327C3R1	ND	3.62e-1	ug/g	3.28e-4	lbs/hr	CE
Mercury	327C3R2	ND	2.00e-1	ug/g	1.51e-4	lbs/hr	CE
Mercury	327C3R3		4.96e-1	ug/g	2.61e-4	lbs/hr	CE
Silver	327C1R1	ND	9.90e-1	ug/g	8.99e-2	lbs/hr	CE
Silver	327C1R2	ND	9.30e-1	ug/g	6.94e-4	lbs/hr	CE
Silver	327C1R3	ND	5.63e-1	ug/g	3.85e-4	lbs/hr	CE
Silver	327C2R1	ND	2.02e-1	ug/g	1.65e-4	lbs/hr	CE
Silver	327C2R2	ND	2.02e-1	ug/g	1.15e-4	lbs/hr	CE
Silver	327C2R3	ND	2.02e-2	ug/g	1.18e-5	lbs/hr	CE
Silver	327C3R1	ND	1.10e+0	ug/g	9.97e-4	lbs/hr	CE
Silver	327C3R2	ND	9.90e-1	ug/g	7.47e-4	lbs/hr	CE
Silver	327C3R3		1.50e+0	ug/g	7.89e-4	lbs/hr	CE
Thallium	327C1R1	ND	4.90e+0	ug/g	4.45e-1	lbs/hr	CE
Thallium	327C1R2	ND	4.60e+0	ug/g	3.43e-3	lbs/hr	CE
Thallium	327C1R3	ND	2.82e+0	ug/g	1.93e-3	lbs/hr	CE
Thallium	327C2R1	ND	1.01e+0	ug/g	8.24e-4	lbs/hr	CE
Thallium	327C2R2	ND	1.01e-1	ug/g	5.74e-5	lbs/hr	CE
Thallium	327C2R3	ND	1.01e-1	ug/g	5.90e-5	lbs/hr	CE
Thallium	327C3R1	ND	3.00e+0	ug/g	2.72e-3	lbs/hr	CE
Thallium	327C3R2	ND	4.90e+0	ug/g	3.70e-3	lbs/hr	CE
Thallium	327C3R3	ND	4.90e+0	ug/g	2.58e-3	lbs/hr	CE

7. Category: PCB

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate		Calc
PCBs	327C1R1	ND	3.15e+5	ug/g	2.86e+4	lbs/hr	CE
PCBs	327C1R2	ND	3.23e+5	ug/g	2.41e+2	lbs/hr	CE
PCBs	327C1R3	ND	3.49e+5	ug/g	2.39e+2	lbs/hr	CE
PCBs	327C2R1	ND	9.02e+1	ug/g	7.36e-2	lbs/hr	CE
PCBs	327C2R2	ND	3.76e+2	ug/g	2.14e-1	lbs/hr	CE
PCBs	327C2R3	ND	5.38e+1	ug/g	3.14e-2	lbs/hr	CE
PCBs	327C3R1	ND	3.21e+5	ug/g	2.91e+2	lbs/hr	CE
PCBs	327C3R2	ND	3.20e+5	ug/g	2.42e+2	lbs/hr	CE
PCBs	327C3R3	ND	3.17e+5	ug/g	1.67e+2	lbs/hr	CE

7. Category: SVOC

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate		Calc
Hexachloroethane	327C1R1		2.18e+0	ug/g	1.98e-1	lbs/hr	CE
Hexachloroethane	327C1R2		5.69e+0	ug/g	4.25e-3	lbs/hr	CE
Hexachloroethane	327C1R3		5.70e+0	ug/g	3.90e-3	lbs/hr	CE
Hexachloroethane	327C2R1	ND	8.16e-3	ug/g	6.66e-6	lbs/hr	CE
Hexachloroethane	327C2R2	ND	8.48e-3	ug/g	4.83e-6	lbs/hr	CE
Hexachloroethane	327C2R3	ND	1.63e-2	ug/g	9.53e-6	lbs/hr	CE
Hexachloroethane	327C3R1	ND	1.34e+1	ug/g	1.21e-2	lbs/hr	CE
Hexachloroethane	327C3R2	ND	1.33e+1	ug/g	1.00e-2	lbs/hr	CE
Hexachloroethane	327C3R3	ND	1.23e+1	ug/g	6.47e-3	lbs/hr	CE

SECTION 8: OTHER STREAM ANALYSES

1. COMPANY: APTUS
2. STATE: UT
3. CITY: ARAGONITE EPA ID: UTD981552177 REGION: 8
4. EP ID: 327 DEVICE NAME: SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: SD/FF/WS/ESP

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate		Calc
Chlorobenzene	327C1R1	ND	1.00e+4	ug/g	9.08e+2	lbs/hr	CE
Chlorobenzene	327C1R2	ND	1.00e+4	ug/g	7.46e+0	lbs/hr	CE
Chlorobenzene	327C1R3	ND	9.90e+3	ug/g	6.77e+0	lbs/hr	CE
Chlorobenzene	327C2R1		2.00e+2	ug/g	1.63e-1	lbs/hr	CE
Chlorobenzene	327C2R2		5.00e+1	ug/g	2.85e-2	lbs/hr	CE
Chlorobenzene	327C2R3	ND	1.00e+2	ug/g	5.84e-2	lbs/hr	CE
Chlorobenzene	327C3R1		8.50e+4	ug/g	7.70e+1	lbs/hr	CE
Chlorobenzene	327C3R2		1.45e+4	ug/g	1.09e+1	lbs/hr	CE
Chlorobenzene	327C3R3		3.30e+4	ug/g	1.74e+1	lbs/hr	CE

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

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate		Calc
Antimony	327C1R1	ND	2.70e+0	ug/g	5.13e-3	lbs/hr	CE
Antimony	327C1R2	ND	2.60e+0	ug/g	1.01e-2	lbs/hr	CE
Antimony	327C1R3	ND	2.80e+0	ug/g	1.02e-2	lbs/hr	CE
Antimony	327C2R1	ND	2.90e+0	ug/g	3.33e-3	lbs/hr	CE
Antimony	327C2R2	ND	3.00e+0	ug/g	2.60e-3	lbs/hr	CE
Antimony	327C2R3	ND	2.90e+0	ug/g	2.93e-3	lbs/hr	CE
Antimony	327C3R1	ND	2.90e+0	ug/g	2.17e-3	lbs/hr	CE
Antimony	327C3R2	ND	3.00e+0	ug/g	7.97e-4	lbs/hr	CE
Antimony	327C3R3	ND	2.90e+0	ug/g	6.30e-4	lbs/hr	CE
Arsenic	327C1R1	ND	2.30e+0	ug/g	4.37e-3	lbs/hr	CE
Arsenic	327C1R2	ND	2.20e+0	ug/g	8.59e-3	lbs/hr	CE
Arsenic	327C1R3	ND	2.40e+0	ug/g	8.74e-3	lbs/hr	CE
Arsenic	327C2R1	ND	2.50e+0	ug/g	2.87e-3	lbs/hr	CE
Arsenic	327C2R2	ND	2.50e+0	ug/g	2.17e-3	lbs/hr	CE
Arsenic	327C2R3		2.90e+0	ug/g	2.93e-3	lbs/hr	CE
Arsenic	327C3R1	ND	2.40e+0	ug/g	1.80e-3	lbs/hr	CE
Arsenic	327C3R2		4.00e+0	ug/g	1.06e-3	lbs/hr	CE
Arsenic	327C3R3		3.80e+0	ug/g	8.25e-4	lbs/hr	CE
Barium	327C1R1		2.19e+1	ug/g	4.16e-2	lbs/hr	CE
Barium	327C1R2		4.11e+1	ug/g	1.60e-1	lbs/hr	CE
Barium	327C1R3		2.76e+1	ug/g	1.01e-1	lbs/hr	CE
Barium	327C2R1		1.97e-1	ug/g	2.26e-4	lbs/hr	CE
Barium	327C2R2		5.48e+0	ug/g	4.75e-3	lbs/hr	CE
Barium	327C2R3		4.77e-1	ug/g	4.81e-4	lbs/hr	CE
Barium	327C3R1		2.40e-1	ug/g	1.80e-4	lbs/hr	CE
Barium	327C3R2		5.99e-1	ug/g	1.59e-4	lbs/hr	CE
Barium	327C3R3		4.28e-1	ug/g	9.30e-5	lbs/hr	CE
Beryllium	327C1R1		1.44e+1	ug/g	2.74e-2	lbs/hr	CE
Beryllium	327C1R2		2.60e+1	ug/g	1.01e-1	lbs/hr	CE
Beryllium	327C1R3		1.69e+1	ug/g	6.15e-2	lbs/hr	CE
Beryllium	327C2R1		6.88e-1	ug/g	7.89e-4	lbs/hr	CE
Beryllium	327C2R2	ND	1.00e-1	ug/g	8.68e-5	lbs/hr	CE
Beryllium	327C2R3	ND	9.50e-2	ug/g	9.59e-5	lbs/hr	CE
Beryllium	327C3R1	ND	9.60e-2	ug/g	7.20e-5	lbs/hr	CE
Beryllium	327C3R2		1.50e-1	ug/g	3.99e-5	lbs/hr	CE
Beryllium	327C3R3		1.90e-1	ug/g	4.13e-5	lbs/hr	CE
Cadmium	327C1R1		1.09e+0	ug/g	2.07e-3	lbs/hr	CE
Cadmium	327C1R2		2.28e+0	ug/g	8.90e-3	lbs/hr	CE
Cadmium	327C1R3		1.52e+0	ug/g	5.54e-3	lbs/hr	CE
Cadmium	327C2R1	ND	1.47e-1	ug/g	1.69e-4	lbs/hr	CE
Cadmium	327C2R2	ND	1.49e-1	ug/g	1.29e-4	lbs/hr	CE
Cadmium	327C2R3	ND	1.43e-1	ug/g	1.44e-4	lbs/hr	CE
Cadmium	327C3R1	ND	1.44e-1	ug/g	1.08e-4	lbs/hr	CE
Cadmium	327C3R2	ND	1.50e-1	ug/g	3.99e-5	lbs/hr	CE
Cadmium	327C3R3	ND	1.43e-1	ug/g	3.11e-5	lbs/hr	CE
Chromium	327C1R1		4.78e+1	ug/g	9.08e-2	lbs/hr	CE
Chromium	327C1R2		7.33e+1	ug/g	2.86e-1	lbs/hr	CE
Chromium	327C1R3		4.98e+1	ug/g	1.81e-1	lbs/hr	CE
Chromium	327C2R1	ND	1.97e-1	ug/g	2.26e-4	lbs/hr	CE
Chromium	327C2R2	ND	1.99e-1	ug/g	1.73e-4	lbs/hr	CE

1. COMPANY: APTUS
2. STATE: UT
3. CITY: ARAGONITE EPA ID: UTD981552177 REGION: 8
4. EP ID: 327 DEVICE NAME: SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: SD/FF/WS/ESP

Chromium	327C2R3	ND	1.94e-1	ug/g	1.96e-4	lbs/hr	CE
Chromium	327C3R1	ND	1.92e-1	ug/g	1.44e-4	lbs/hr	CE
Chromium	327C3R2	ND	2.00e-1	ug/g	5.32e-5	lbs/hr	CE
Chromium	327C3R3		2.38e-1	ug/g	5.17e-5	lbs/hr	CE
Lead	327C1R1		5.00e+1	ug/g	9.50e-2	lbs/hr	CE
Lead	327C1R2		9.20e+1	ug/g	3.59e-1	lbs/hr	CE
Lead	327C1R3		6.20e+1	ug/g	2.26e-1	lbs/hr	CE
Lead	327C2R1	ND	2.50e+0	ug/g	2.87e-3	lbs/hr	CE
Lead	327C2R2	ND	2.50e+0	ug/g	2.17e-3	lbs/hr	CE
Lead	327C2R3	ND	2.40e+0	ug/g	2.42e-3	lbs/hr	CE
Lead	327C3R1	ND	2.40e+0	ug/g	1.80e-3	lbs/hr	CE
Lead	327C3R2	ND	2.50e+0	ug/g	6.65e-4	lbs/hr	CE
Lead	327C3R3		2.90e+0	ug/g	6.30e-4	lbs/hr	CE
Mercury	327C1R1		1.84e-1	ug/g	3.50e-4	lbs/hr	CE
Mercury	327C1R2	ND	1.33e-1	ug/g	5.19e-4	lbs/hr	CE
Mercury	327C1R3	ND	1.67e-1	ug/g	6.07e-4	lbs/hr	CE
Mercury	327C2R1	ND	1.54e-1	ug/g	1.76e-4	lbs/hr	CE
Mercury	327C2R2	ND	1.54e-1	ug/g	1.33e-4	lbs/hr	CE
Mercury	327C2R3	ND	7.14e-2	ug/g	7.21e-5	lbs/hr	CE
Mercury	327C3R1	ND	1.54e-1	ug/g	1.15e-4	lbs/hr	CE
Mercury	327C3R2	ND	1.25e-1	ug/g	3.32e-5	lbs/hr	CE
Mercury	327C3R3	ND	9.52e-2	ug/g	2.07e-5	lbs/hr	CE
Mercury	327C5R1		1.01e-2	ug/g	2.76e-6	lbs/hr	CC
Mercury	327C5R2		1.01e-2	ug/g	4.91e-6	lbs/hr	CC
Mercury	327C5R3		1.01e-2	ug/g	4.95e-6	lbs/hr	CC
Silver	327C1R1	ND	9.10e-1	ug/g	1.73e-3	lbs/hr	CE
Silver	327C1R2	ND	8.80e-1	ug/g	3.43e-3	lbs/hr	CE
Silver	327C1R3	ND	9.50e-1	ug/g	3.46e-3	lbs/hr	CE
Silver	327C2R1	ND	9.80e-1	ug/g	1.12e-3	lbs/hr	CE
Silver	327C2R2	ND	1.00e+0	ug/g	8.68e-4	lbs/hr	CE
Silver	327C2R3	ND	9.50e-1	ug/g	9.59e-4	lbs/hr	CE
Silver	327C3R1	ND	9.60e-1	ug/g	7.20e-4	lbs/hr	CE
Silver	327C3R2	ND	1.00e+0	ug/g	2.66e-4	lbs/hr	CE
Silver	327C3R3	ND	9.50e-1	ug/g	2.06e-4	lbs/hr	CE
Thallium	327C1R1	ND	4.60e+0	ug/g	8.74e-3	lbs/hr	CE
Thallium	327C1R2	ND	4.40e+0	ug/g	1.72e-2	lbs/hr	CE
Thallium	327C1R3	ND	4.70e+0	ug/g	1.71e-2	lbs/hr	CE
Thallium	327C2R1	ND	4.90e+0	ug/g	5.62e-3	lbs/hr	CE
Thallium	327C2R2	ND	5.00e+0	ug/g	4.34e-3	lbs/hr	CE
Thallium	327C2R3	ND	4.80e+0	ug/g	4.84e-3	lbs/hr	CE
Thallium	327C3R1	ND	4.80e+0	ug/g	3.60e-3	lbs/hr	CE
Thallium	327C3R2	ND	5.00e+0	ug/g	1.33e-3	lbs/hr	CE
Thallium	327C3R3	ND	4.80e+0	ug/g	1.04e-3	lbs/hr	CE

7. Category: PCB

Analysis:

8. Substance	9. Run ID		Concentration		Mass Rate		Calc
PCBs	327C1R1	ND	1.45e+5	ug/g	2.76e+2	lbs/hr	CE
PCBs	327C1R2	ND	1.02e+5	ug/g	3.98e+2	lbs/hr	CE
PCBs	327C1R3	ND	1.16e+5	ug/g	4.22e+2	lbs/hr	CE
PCBs	327C2R1	ND	4.50e+3	ug/g	5.16e+0	lbs/hr	CE
PCBs	327C2R2	ND	2.20e+3	ug/g	1.91e+0	lbs/hr	CE
PCBs	327C2R3	ND	2.45e+3	ug/g	2.47e+0	lbs/hr	CE
PCBs	327C3R1	ND	8.55e+4	ug/g	6.41e+1	lbs/hr	CE
PCBs	327C3R2	ND	8.59e+4	ug/g	2.28e+1	lbs/hr	CE
PCBs	327C3R3	ND	7.52e+4	ug/g	1.63e+1	lbs/hr	CE
PCBs	327C5R1		2.02e+2	ug/g	5.52e-2	lbs/hr	CC
PCBs	327C5R2		2.02e+2	ug/g	9.82e-2	lbs/hr	CC
PCBs	327C5R3		2.02e+2	ug/g	9.90e-2	lbs/hr	CC

7. Category: SVOC

Analysis:

8. Substance	9. Run ID		Concentration		Mass Rate		Calc
Hexachloroethane	327C1R1		2.49e-1	ug/g	4.73e-4	lbs/hr	CE
Hexachloroethane	327C1R2		2.30e-1	ug/g	8.98e-4	lbs/hr	CE
Hexachloroethane	327C1R3		6.90e-1	ug/g	2.51e-3	lbs/hr	CE
Hexachloroethane	327C2R1	ND	5.48e+1	ug/g	6.29e-2	lbs/hr	CE
Hexachloroethane	327C2R2	ND	1.67e+1	ug/g	1.45e-2	lbs/hr	CE
Hexachloroethane	327C2R3		8.74e+1	ug/g	8.82e-2	lbs/hr	CE
Hexachloroethane	327C3R1		3.53e+1	ug/g	2.65e-2	lbs/hr	CE

1. COMPANY: APTUS
2. STATE: UT
3. CITY: ARAGONITE EPA ID: UTD981552177 REGION: 8
4. EP ID: 327 DEVICE NAME: SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: SD/FF/WS/ESP

Hexachloroethane	327C3R2	2.31e+2	ug/g	6.14e-2	lbs/hr	CE
Hexachloroethane	327C3R3	8.99e+2	ug/g	1.95e-1	lbs/hr	CE

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Chlorobenzene	327C1R1	7.35e+3	ug/g	1.40e+1	lbs/hr	CE
Chlorobenzene	327C1R2	2.10e+3	ug/g	8.20e+0	lbs/hr	CE
Chlorobenzene	327C1R3	1.60e+3	ug/g	5.83e+0	lbs/hr	CE
Chlorobenzene	327C2R1	2.80e+2	ug/g	3.21e-1	lbs/hr	CE
Chlorobenzene	327C2R2	2.10e+2	ug/g	1.82e-1	lbs/hr	CE
Chlorobenzene	327C2R3	1.20e+3	ug/g	1.21e+0	lbs/hr	CE
Chlorobenzene	327C3R1	3.00e+2	ug/g	2.25e-1	lbs/hr	CE
Chlorobenzene	327C3R2	1.70e+2	ug/g	4.52e-2	lbs/hr	CE
Chlorobenzene	327C3R3	1.50e+2	ug/g	3.26e-2	lbs/hr	CE

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

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Mercury	327C5R3	2.96e-1	ug/g	1.00e-3	lbs/hr	CC

7. Category: PCB

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
PCBs	327C4R1	2.37e+1	ug/g	6.00e-2	lbs/hr	CC
PCBs	327C4R2	1.18e+1	ug/g	3.00e-2	lbs/hr	CC
PCBs	327C4R3	1.21e+1	ug/g	5.00e-2	lbs/hr	CC
PCBs	327C5R1	1.68e+1	ug/g	4.10e-2	lbs/hr	CC
PCBs	327C5R2	7.36e+0	ug/g	2.60e-2	lbs/hr	CC
PCBs	327C5R3	6.21e+0	ug/g	2.10e-2	lbs/hr	CC

6. Description: BLENDED LIQUID
Group: ROTARY KILN Location: SECONDARY CHAMBER Phase: LIQUID

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Mercury	327C4R1	1.69e-1	ug/g	8.24e-5	lbs/hr	CC
Mercury	327C4R2	1.69e-1	ug/g	8.90e-5	lbs/hr	CC
Mercury	327C4R3	1.70e-1	ug/g	6.65e-5	lbs/hr	CC
Mercury	327C5R1	1.70e-1	ug/g	4.79e-5	lbs/hr	CC
Mercury	327C5R2	1.71e-1	ug/g	3.07e-5	lbs/hr	CC
Mercury	327C5R3	1.70e-1	ug/g	5.31e-5	lbs/hr	CC

7. Category: PCB

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
PCBs	327C4R1	3.58e+4	ug/g	1.74e+1	lbs/hr	CC
PCBs	327C4R2	3.56e+4	ug/g	1.88e+1	lbs/hr	CC
PCBs	327C4R3	3.60e+4	ug/g	1.40e+1	lbs/hr	CC
PCBs	327C5R1	3.59e+4	ug/g	1.01e+1	lbs/hr	CC
PCBs	327C5R2	3.60e+4	ug/g	6.48e+0	lbs/hr	CC
PCBs	327C5R3	3.59e+4	ug/g	1.12e+1	lbs/hr	CC

6. Description: AQUEOUS
Group: ROTARY KILN Location: SECONDARY CHAMBER Phase: LIQUID

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Mercury	327C4R1	1.54e+0	ug/g	2.06e-3	lbs/hr	CC
Mercury	327C4R2	1.54e+0	ug/g	2.19e-3	lbs/hr	CC

1. COMPANY: APTUS
2. STATE: UT
3. CITY: ARAGONITE EPA ID: UTD981552177 REGION: 8
4. EP ID: 327 DEVICE NAME: SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: SD/FF/WS/ESP

Mercury	327C4R3	1.54e+0	ug/g	2.45e-3	lbs/hr	CC
Mercury	327C5R1	1.55e+0	ug/g	2.21e-3	lbs/hr	CC
Mercury	327C5R2	1.55e+0	ug/g	2.43e-3	lbs/hr	CC
Mercury	327C5R3	1.55e+0	ug/g	2.08e-3	lbs/hr	CC

7. Category: PCB

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
PCBs	327C4R1	2.37e+3	ug/g	3.17e+0	lbs/hr	CC
PCBs	327C4R2	2.37e+3	ug/g	3.37e+0	lbs/hr	CC
PCBs	327C4R3	2.36e+3	ug/g	3.76e+0	lbs/hr	CC
PCBs	327C5R1	2.37e+3	ug/g	3.39e+0	lbs/hr	CC
PCBs	327C5R2	2.37e+3	ug/g	3.73e+0	lbs/hr	CC
PCBs	327C5R3	2.37e+3	ug/g	3.19e+0	lbs/hr	CC

1. COMPANY: ARISTECH CHEMICAL
2. STATE: CA
3. CITY: COLTON EPA CAD091933895 REGION: 9
4. EP ID: 703 DEVICE NAME: INCINERATOR SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: WHB

5. Type: SPIKE

6. Description: DRUMS ORGANICS (CB,DIOXANE)
Group: LIQUID INJECTION Location: SINGLE CHAMBER Phase: LIQUID

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Chlorine	703C1R1	1.51e+5	ug/g	1.15e+0	lbs/hr	CC
Chlorine	703C1R2	1.45e+5	ug/g	1.09e+0	lbs/hr	CC
Chlorine	703C1R3	1.35e+5	ug/g	9.20e-1	lbs/hr	CC
Chlorine	703C2R1	1.29e+5	ug/g	7.20e-1	lbs/hr	CC
Chlorine	703C2R2	1.23e+5	ug/g	9.20e-1	lbs/hr	CC
Chlorine	703C2R3	1.26e+5	ug/g	1.30e+0	lbs/hr	CC

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
1,4-Dioxane	703C1R1	5.20e+5	ug/g	3.95e+0	lbs/hr	CC
1,4-Dioxane	703C1R2	5.40e+5	ug/g	4.05e+0	lbs/hr	CC
1,4-Dioxane	703C1R3	5.71e+5	ug/g	3.88e+0	lbs/hr	CC
1,4-Dioxane	703C2R1	5.89e+5	ug/g	3.30e+0	lbs/hr	CC
1,4-Dioxane	703C2R2	6.11e+5	ug/g	4.58e+0	lbs/hr	CC
1,4-Dioxane	703C2R3	6.00e+5	ug/g	6.18e+0	lbs/hr	CC
Chlorobenzene	703C1R1	4.80e+5	ug/g	3.65e+0	lbs/hr	CC
Chlorobenzene	703C1R2	4.60e+5	ug/g	3.45e+0	lbs/hr	CC
Chlorobenzene	703C1R3	4.29e+5	ug/g	2.92e+0	lbs/hr	CC
Chlorobenzene	703C2R1	4.11e+5	ug/g	2.30e+0	lbs/hr	CC
Chlorobenzene	703C2R2	3.89e+5	ug/g	2.92e+0	lbs/hr	CC
Chlorobenzene	703C2R3	4.00e+5	ug/g	4.12e+0	lbs/hr	CC

5. Type: WASTE

6. Description: DISTILLATE FEED
Group: LIQUID INJECTION Location: SINGLE CHAMBER Phase: LIQUID

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Chlorine	703C1R1	6.93e+2	ug/g	2.60e-1	lbs/hr	CC
Chlorine	703C1R2	1.31e+3	ug/g	4.70e-1	lbs/hr	CC
Chlorine	703C1R3	1.49e+3	ug/g	5.60e-1	lbs/hr	CC
Chlorine	703C2R1	6.07e+2	ug/g	3.40e-1	lbs/hr	CC
Chlorine	703C2R2	8.00e+2	ug/g	4.40e-1	lbs/hr	CC
Chlorine	703C2R3	1.30e+3	ug/g	7.10e-1	lbs/hr	CC

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
1,4-Dioxane	703C1R1	1.81e+3	ug/g	6.80e-1	lbs/hr	CC
1,4-Dioxane	703C1R2	2.11e+3	ug/g	7.60e-1	lbs/hr	CC
1,4-Dioxane	703C1R3	2.00e+3	ug/g	7.50e-1	lbs/hr	CC
1,4-Dioxane	703C2R1	1.39e+3	ug/g	7.80e-1	lbs/hr	CC
1,4-Dioxane	703C2R2	1.31e+3	ug/g	7.20e-1	lbs/hr	CC
1,4-Dioxane	703C2R3	1.91e+3	ug/g	1.04e+0	lbs/hr	CC

6. Description: FUMES
Group: LIQUID INJECTION Location: SINGLE CHAMBER Phase: GAS

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
1,4-Dioxane	703C1R1	6.01e+4	ug/dscm	9.00e-2	lbs/hr	CC
1,4-Dioxane	703C1R2	5.94e+5	ug/dscm	6.90e-1	lbs/hr	CC
1,4-Dioxane	703C1R3	1.85e+5	ug/dscm	1.80e-1	lbs/hr	CC
1,4-Dioxane	703C2R1	2.32e+4	ug/dscm	2.00e-2	lbs/hr	CC
1,4-Dioxane	703C2R2	7.28e+4	ug/dscm	6.00e-2	lbs/hr	CC

1. COMPANY: ARISTECH CHEMICAL
2. STATE: CA
3. CITY: COLTON EPA ID: CAD091933895 REGION: 9
4. EP ID: 703 DEVICE NAME: INCINERATOR SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: WHB

1,4-Dioxane	703C2R3	1.81e+5 ug/dscm	1.90e-1 lbs/hr	CC

SECTION 8: OTHER STREAM ANALYSES

1. COMPANY: ASHLAND CHEMICAL COMPANY
2. STATE: CA
3. CITY: LOS ANGELES EPA ID: CAD0440046274 REGION: 9
4. EP ID: 704 DEVICE NAME: INCINERATOR SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: NONE

5. Type: WASTE

6. Description: AQUEOUS
Group: LIQUID INJECTION Location: SINGLE CHAMBER Phase: LIQUID

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Chlorine	704C1R1	1.30e+3	ug/g	1.32e+0	lbs/hr	CE
Chlorine	704C1R2	ND 1.00e+3	ug/g	9.49e-1	lbs/hr	CE
Chlorine	704C1R3	1.70e+3	ug/g	1.61e+0	lbs/hr	CE
Chlorine	704C2R1	1.00e+3	ug/g	7.97e-1	lbs/hr	CE
Chlorine	704C2R2	ND 1.00e+3	ug/g	7.97e-1	lbs/hr	CE
Chlorine	704C2R3	1.00e+3	ug/g	8.17e-1	lbs/hr	CE

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
1,4-Dioxane	704C1R1	3.94e+0	ug/g	4.00e-3	lbs/hr	CC
1,4-Dioxane	704C1R2	1.26e+2	ug/g	1.20e-1	lbs/hr	CC
1,4-Dioxane	704C1R3	4.22e+0	ug/g	4.00e-3	lbs/hr	CC
1,4-Dioxane	704C2R1	1.00e+2	ug/g	8.00e-2	lbs/hr	CC
1,4-Dioxane	704C2R2	5.02e+1	ug/g	4.00e-2	lbs/hr	CC
1,4-Dioxane	704C2R3	3.67e+1	ug/g	3.00e-2	lbs/hr	CC
Chlorobenzene	704C1R1	9.86e-2	ug/g	1.00e-4	lbs/hr	CC
Chlorobenzene	704C1R2	1.05e-1	ug/g	1.00e-4	lbs/hr	CC
Chlorobenzene	704C1R3	1.05e-1	ug/g	1.00e-4	lbs/hr	CC
Chlorobenzene	704C2R1	1.25e-1	ug/g	1.00e-4	lbs/hr	CC
Chlorobenzene	704C2R2	1.25e-1	ug/g	1.00e-4	lbs/hr	CC
Chlorobenzene	704C2R3	1.22e-1	ug/g	1.00e-4	lbs/hr	CC

6. Description: ORGANIC
Group: LIQUID INJECTION Location: SINGLE CHAMBER Phase: LIQUID

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Chlorine	704C1R1	3.92e+4	ug/g	6.57e+2	lbs/hr	CE
Chlorine	704C1R2	3.79e+4	ug/g	5.82e+2	lbs/hr	CE
Chlorine	704C1R3	3.70e+4	ug/g	6.33e+2	lbs/hr	CE
Chlorine	704C2R1	4.89e+4	ug/g	7.10e+2	lbs/hr	CE
Chlorine	704C2R2	4.84e+4	ug/g	6.86e+2	lbs/hr	CE
Chlorine	704C2R3	3.92e+4	ug/g	5.64e+2	lbs/hr	CE

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
1,4-Dioxane	704C1R1	2.77e+2	ug/g	4.65e+0	lbs/hr	CC
1,4-Dioxane	704C1R2	2.77e+2	ug/g	4.26e+0	lbs/hr	CC
1,4-Dioxane	704C1R3	2.77e+2	ug/g	4.74e+0	lbs/hr	CC
1,4-Dioxane	704C2R1	3.53e+2	ug/g	5.12e+0	lbs/hr	CC
1,4-Dioxane	704C2R2	3.52e+2	ug/g	4.99e+0	lbs/hr	CC
1,4-Dioxane	704C2R3	3.45e+2	ug/g	4.97e+0	lbs/hr	CC
Chlorobenzene	704C1R1	3.60e+2	ug/g	6.03e+0	lbs/hr	CC
Chlorobenzene	704C1R2	3.31e+2	ug/g	5.09e+0	lbs/hr	CC
Chlorobenzene	704C1R3	3.60e+2	ug/g	6.15e+0	lbs/hr	CC
Chlorobenzene	704C2R1	4.53e+2	ug/g	6.58e+0	lbs/hr	CC
Chlorobenzene	704C2R2	4.28e+2	ug/g	6.07e+0	lbs/hr	CC
Chlorobenzene	704C2R3	4.36e+2	ug/g	6.27e+0	lbs/hr	CC

6. Description: FUMES
Group: LIQUID INJECTION Location: SINGLE CHAMBER Phase: GAS

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
1,4-Dioxane	704C1R1	5.60e+1	ppmv	0.00e+0		

1. COMPANY: ASHLAND CHEMICAL COMPANY
2. STATE: CA
3. CITY: LOS ANGELES EPA CAD0440046274 REGION: 9
4. EP ID: 704 DEVICE NAME: INCINERATOR SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: NONE

1,4-Dioxane	704C1R2	1.60e+1	ppmv	0.00e+0	
1,4-Dioxane	704C1R3	4.20e+1	ppmv	0.00e+0	
1,4-Dioxane	704C2R1	3.70e+1	ppmv	0.00e+0	
1,4-Dioxane	704C2R2	3.20e+1	ppmv	0.00e+0	
1,4-Dioxane	704C2R3	1.90e+1	ppmv	0.00e+0	

6. Description: TOTAL INPUT
Group: LIQUID INJECTION Location: SINGLE CHAMBER Phase: LIQUID

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Mercury	704C1R1	0.00e+0	1.98e-5 lbs/hr	
Mercury	704C1R2	0.00e+0	1.83e-5 lbs/hr	
Mercury	704C1R3	0.00e+0	2.03e-5 lbs/hr	
Mercury	704C2R1	0.00e+0	1.65e-5 lbs/hr	
Mercury	704C2R2	0.00e+0	1.61e-5 lbs/hr	
Mercury	704C2R3	0.00e+0	1.63e-5 lbs/hr	

SECTION 8: OTHER STREAM ANALYSES

1. COMPANY: ATOCHEM
2. STATE: KY
3. CITY: CARROLLTON EPA ID: KYD006373922 REGION: 4
4. EP ID: 359 DEVICE NAME: SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: WHB/FF/S

5. Type: BA ASH

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

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate		Calc
Chlorobenzene	359C1R1	ND	1.50e+0	ug/g	0.00e+0		
Chlorobenzene	359C1R2	ND	1.50e+0	ug/g	0.00e+0		
Chlorobenzene	359C1R3	ND	1.50e+0	ug/g	0.00e+0		
Chlorobenzene	359C2R1	ND	1.50e+0	ug/g	0.00e+0		
Chlorobenzene	359C2R2	ND	1.50e+0	ug/g	0.00e+0		
Chlorobenzene	359C2R3	ND	1.50e+0	ug/g	0.00e+0		
Chlorobenzene	359C3R1	ND	1.50e+0	ug/g	0.00e+0		
Chlorobenzene	359C3R2		2.80e+0	ug/g	0.00e+0		
Chlorobenzene	359C3R3		2.40e+0	ug/g	0.00e+0		
Tetrachloroethene	359C1R1	ND	1.50e+0	ug/g	0.00e+0		
Tetrachloroethene	359C1R2	ND	1.50e+0	ug/g	0.00e+0		
Tetrachloroethene	359C1R3		1.90e+0	ug/g	0.00e+0		
Tetrachloroethene	359C2R1	ND	1.50e+0	ug/g	0.00e+0		
Tetrachloroethene	359C2R2	ND	1.50e+0	ug/g	0.00e+0		
Tetrachloroethene	359C2R3		2.10e+0	ug/g	0.00e+0		
Tetrachloroethene	359C3R1	ND	1.50e+0	ug/g	0.00e+0		
Tetrachloroethene	359C3R2	ND	1.50e+0	ug/g	0.00e+0		
Tetrachloroethene	359C3R3	ND	1.50e+0	ug/g	0.00e+0		

5. Type: FF ASH

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

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate		Calc
Chlorobenzene	359C1R1	ND	1.50e+0	ug/g	0.00e+0		
Chlorobenzene	359C1R2	ND	1.50e+0	ug/g	0.00e+0		
Chlorobenzene	359C1R3	ND	1.50e+0	ug/g	0.00e+0		
Chlorobenzene	359C2R1	ND	1.50e+0	ug/g	0.00e+0		
Chlorobenzene	359C2R2	ND	1.50e+0	ug/g	0.00e+0		
Chlorobenzene	359C2R3	ND	1.50e+0	ug/g	0.00e+0		
Chlorobenzene	359C3R1	ND	1.50e+0	ug/g	0.00e+0		
Chlorobenzene	359C3R2	ND	1.50e+0	ug/g	0.00e+0		
Chlorobenzene	359C3R3	ND	1.50e+0	ug/g	0.00e+0		
Tetrachloroethene	359C1R1	ND	1.50e+0	ug/g	0.00e+0		
Tetrachloroethene	359C1R2	ND	1.50e+0	ug/g	0.00e+0		
Tetrachloroethene	359C1R3	ND	1.50e+0	ug/g	0.00e+0		
Tetrachloroethene	359C2R1	ND	1.50e+0	ug/g	0.00e+0		
Tetrachloroethene	359C2R2	ND	1.50e+0	ug/g	0.00e+0		
Tetrachloroethene	359C2R3	ND	1.50e+0	ug/g	0.00e+0		
Tetrachloroethene	359C3R1	ND	1.50e+0	ug/g	0.00e+0		
Tetrachloroethene	359C3R2	ND	1.50e+0	ug/g	0.00e+0		
Tetrachloroethene	359C3R3	ND	1.50e+0	ug/g	0.00e+0		

5. Type: WASTE

6. Description: SOLVENT
Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: LIQUID

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate		Calc
Chlorine	359C1R1		1.75e+5	ug/g	1.68e+2	lbs/hr	CE
Chlorine	359C1R2		1.74e+5	ug/g	1.76e+2	lbs/hr	CE
Chlorine	359C1R3		1.75e+5	ug/g	1.93e+2	lbs/hr	CE
Chlorine	359C1R4		1.64e+5	ug/g	1.66e+2	lbs/hr	CE
Chlorine	359C2R1		1.67e+5	ug/g	1.61e+2	lbs/hr	CE
Chlorine	359C2R2		1.61e+5	ug/g	1.79e+2	lbs/hr	CE
Chlorine	359C2R3		1.60e+5	ug/g	1.71e+2	lbs/hr	CE
Chlorine	359C3R1		1.55e+5	ug/g	1.80e+2	lbs/hr	CE

1. COMPANY: ATOCHEM
2. STATE: KY
3. CITY: CARROLLTON EPA ID: KYD006373922 REGION: 4
4. EP ID: 359 DEVICE NAME: SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: WHB/FF/S

Chlorine	359C3R2	1.63e+5	ug/g	1.72e+2	lbs/hr	CE
Chlorine	359C3R3	1.63e+5	ug/g	1.65e+2	lbs/hr	CE
Chlorine	359C4R2	1.49e+5	ug/g	1.73e+2	lbs/hr	CE
Chlorine	359C4R3	1.54e+5	ug/g	1.87e+2	lbs/hr	CE
Chlorine	359C4R4	1.48e+5	ug/g	1.68e+2	lbs/hr	CE
Chlorine	359C5R1	1.58e+5	ug/g	1.84e+2	lbs/hr	CE
Chlorine	359C5R2	1.83e+5	ug/g	1.90e+2	lbs/hr	CE
Chlorine	359C5R3	1.61e+5	ug/g	1.85e+2	lbs/hr	CE
Chlorine	359C6R1	1.12e+5	ug/g	1.17e+2	lbs/hr	CE
Chlorine	359C6R2	1.21e+5	ug/g	1.38e+2	lbs/hr	CE
Chlorine	359C6R3	1.24e+5	ug/g	1.29e+2	lbs/hr	CE

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Chlorobenzene	359C1R1	1.29e+5	ug/g	1.23e+2	lbs/hr	CE
Chlorobenzene	359C1R2	1.24e+5	ug/g	1.25e+2	lbs/hr	CE
Chlorobenzene	359C1R3	1.32e+5	ug/g	1.46e+2	lbs/hr	CE
Chlorobenzene	359C2R1	1.17e+5	ug/g	1.13e+2	lbs/hr	CE
Chlorobenzene	359C2R2	1.24e+5	ug/g	1.38e+2	lbs/hr	CE
Chlorobenzene	359C2R3	1.22e+5	ug/g	1.31e+2	lbs/hr	CE
Chlorobenzene	359C3R1	1.22e+5	ug/g	1.41e+2	lbs/hr	CE
Chlorobenzene	359C3R2	1.18e+5	ug/g	1.25e+2	lbs/hr	CE
Chlorobenzene	359C3R3	1.20e+5	ug/g	1.21e+2	lbs/hr	CE
Tetrachloroethene	359C1R1	5.19e+4	ug/g	4.97e+1	lbs/hr	CE
Tetrachloroethene	359C1R2	5.18e+4	ug/g	5.23e+1	lbs/hr	CE
Tetrachloroethene	359C1R3	5.30e+4	ug/g	5.86e+1	lbs/hr	CE
Tetrachloroethene	359C2R1	4.81e+4	ug/g	4.63e+1	lbs/hr	CE
Tetrachloroethene	359C2R2	4.93e+4	ug/g	5.48e+1	lbs/hr	CE
Tetrachloroethene	359C2R3	4.92e+4	ug/g	5.27e+1	lbs/hr	CE
Tetrachloroethene	359C3R1	4.49e+4	ug/g	5.21e+1	lbs/hr	CE
Tetrachloroethene	359C3R2	4.71e+4	ug/g	4.96e+1	lbs/hr	CE
Tetrachloroethene	359C3R3	4.69e+4	ug/g	4.75e+1	lbs/hr	CE

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

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Chlorine	359C1R1	9.40e+4	ug/g	1.94e+2	lbs/hr	CE
Chlorine	359C1R2	6.79e+4	ug/g	1.16e+2	lbs/hr	CE
Chlorine	359C1R3	3.33e+4	ug/g	6.74e+1	lbs/hr	CE
Chlorine	359C1R4	5.90e+4	ug/g	1.10e+2	lbs/hr	CE
Chlorine	359C2R1	6.13e+4	ug/g	1.31e+2	lbs/hr	CE
Chlorine	359C2R2	4.68e+4	ug/g	1.05e+2	lbs/hr	CE
Chlorine	359C2R3	9.17e+4	ug/g	2.13e+2	lbs/hr	CE
Chlorine	359C3R1	1.97e+4	ug/g	4.02e+1	lbs/hr	CE
Chlorine	359C3R3	6.60e+4	ug/g	1.63e+2	lbs/hr	CE
Chlorine	359C4R2	1.60e+4	ug/g	0.00e+0		
Chlorine	359C4R3	8.60e+3	ug/g	0.00e+0		
Chlorine	359C4R4	1.06e+4	ug/g	0.00e+0		
Chlorine	359C5R1	9.60e+3	ug/g	0.00e+0		
Chlorine	359C5R2	8.70e+3	ug/g	0.00e+0		
Chlorine	359C5R3	9.60e+3	ug/g	0.00e+0		
Chlorine	359C6R1	7.00e+2	ug/g	0.00e+0		
Chlorine	359C6R2	5.00e+2	ug/g	0.00e+0		
Chlorine	359C6R3	9.00e+2	ug/g	0.00e+0		

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Chlorobenzene	359C1R1	6.22e+4	ug/g	1.28e+2	lbs/hr	CC
Chlorobenzene	359C1R2	6.15e+4	ug/g	1.05e+2	lbs/hr	CC
Chlorobenzene	359C1R3	5.28e+4	ug/g	1.07e+2	lbs/hr	CC
Chlorobenzene	359C1R4	5.77e+4	ug/g	1.08e+2	lbs/hr	CC
Chlorobenzene	359C2R1	5.21e+4	ug/g	1.11e+2	lbs/hr	CC
Chlorobenzene	359C2R2	5.73e+4	ug/g	1.29e+2	lbs/hr	CC
Chlorobenzene	359C2R3	5.70e+4	ug/g	1.33e+2	lbs/hr	CC

1. COMPANY: ATOCHEM
2. STATE: KY
3. CITY: CARROLLTON EPA ID: KYD006373922 REGION: 4
4. EP ID: 359 DEVICE NAME: SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: WHB/FF/S

Chlorobenzene	359C3R1	6.91e+4	ug/g	1.41e+2 lbs/hr	CC
Chlorobenzene	359C3R2	5.82e+4	ug/g	1.48e+2 lbs/hr	CC
Chlorobenzene	359C3R3	5.79e+4	ug/g	1.43e+2 lbs/hr	CC
Tetrachloroethene	359C1R1	1.23e+4	ug/g	2.54e+1 lbs/hr	CC
Tetrachloroethene	359C1R2	3.35e+4	ug/g	5.70e+1 lbs/hr	CC
Tetrachloroethene	359C1R3	6.86e+3	ug/g	1.39e+1 lbs/hr	CC
Tetrachloroethene	359C1R4	1.75e+4	ug/g	3.28e+1 lbs/hr	CC
Tetrachloroethene	359C2R1	1.26e+4	ug/g	2.70e+1 lbs/hr	CC
Tetrachloroethene	359C2R2	1.39e+4	ug/g	3.13e+1 lbs/hr	CC
Tetrachloroethene	359C2R3	1.27e+4	ug/g	2.95e+1 lbs/hr	CC
Tetrachloroethene	359C3R1	1.51e+4	ug/g	3.08e+1 lbs/hr	CC
Tetrachloroethene	359C3R2	1.25e+4	ug/g	3.17e+1 lbs/hr	CC
Tetrachloroethene	359C3R3	1.31e+4	ug/g	3.24e+1 lbs/hr	CC

SECTION 8: OTHER STREAM ANALYSES

1. COMPANY: BROS LAGOON AND CLEANUP SITE
2. STATE: NJ
3. CITY: BRIDGEPORT EPA ID: NJD890764328 REGION: 2
4. EP ID: 807 DEVICE NAME: MWP-2001 SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: C/WHB/VQ/PT/HS/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	807C1B1	ND	5.00e+0	ug/g	0.00e+0	
Arsenic	807C1B2		6.00e+0	ug/g	0.00e+0	
Arsenic	807C1B3	ND	1.00e+1	ug/g	0.00e+0	
Arsenic	807C2B2		6.00e+0	ug/g	0.00e+0	
Arsenic	807C2B3		8.50e+0	ug/g	0.00e+0	
Arsenic	807C2B4		6.50e+0	ug/g	0.00e+0	
Arsenic	807C3B4	ND	5.00e+0	ug/g	0.00e+0	
Arsenic	807C3B5	ND	5.00e+0	ug/g	0.00e+0	
Arsenic	807C3B6		6.60e+1	ug/g	0.00e+0	
Barium	807C1B1		3.30e+1	ug/g	0.00e+0	
Barium	807C1B2		5.30e+1	ug/g	0.00e+0	
Barium	807C1B3		6.30e+1	ug/g	0.00e+0	
Barium	807C2B2		4.40e+1	ug/g	0.00e+0	
Barium	807C2B3		5.60e+1	ug/g	0.00e+0	
Barium	807C2B4		3.20e+1	ug/g	0.00e+0	
Barium	807C3B4		2.80e+1	ug/g	0.00e+0	
Barium	807C3B5		1.40e+1	ug/g	0.00e+0	
Barium	807C3B6		1.30e+1	ug/g	0.00e+0	
Beryllium	807C1B1	ND	5.00e+0	ug/g	0.00e+0	
Beryllium	807C1B2	ND	5.00e+0	ug/g	0.00e+0	
Beryllium	807C1B3	ND	5.00e+0	ug/g	0.00e+0	
Beryllium	807C2B2	ND	5.00e+0	ug/g	0.00e+0	
Beryllium	807C2B3	ND	5.00e+0	ug/g	0.00e+0	
Beryllium	807C2B4	ND	5.00e+0	ug/g	0.00e+0	
Beryllium	807C3B4	ND	5.00e+0	ug/g	0.00e+0	
Beryllium	807C3B5	ND	5.00e+0	ug/g	0.00e+0	
Beryllium	807C3B6	ND	5.00e+0	ug/g	0.00e+0	
Cadmium	807C1B1	ND	5.00e+0	ug/g	0.00e+0	
Cadmium	807C1B2	ND	5.00e+0	ug/g	0.00e+0	
Cadmium	807C1B3	ND	5.00e+0	ug/g	0.00e+0	
Cadmium	807C2B2	ND	5.00e+0	ug/g	0.00e+0	
Cadmium	807C2B3	ND	5.00e+0	ug/g	0.00e+0	
Cadmium	807C2B4	ND	5.00e+0	ug/g	0.00e+0	
Cadmium	807C3B4	ND	5.00e+0	ug/g	0.00e+0	
Cadmium	807C3B5	ND	5.00e+0	ug/g	0.00e+0	
Cadmium	807C3B6	ND	5.00e+0	ug/g	0.00e+0	
Chromium	807C1B1		3.50e+1	ug/g	0.00e+0	
Chromium	807C1B2		5.75e+1	ug/g	0.00e+0	
Chromium	807C1B3		3.50e+1	ug/g	0.00e+0	
Chromium	807C2B2		3.50e+1	ug/g	0.00e+0	
Chromium	807C2B3		8.40e+1	ug/g	0.00e+0	
Chromium	807C2B4		6.60e+1	ug/g	0.00e+0	
Chromium	807C3B4		2.80e+1	ug/g	0.00e+0	
Chromium	807C3B5		2.50e+1	ug/g	0.00e+0	
Chromium	807C3B6		2.30e+1	ug/g	0.00e+0	
Lead	807C1B1		3.00e+1	ug/g	0.00e+0	
Lead	807C1B2		7.30e+1	ug/g	0.00e+0	
Lead	807C1B3		4.10e+1	ug/g	0.00e+0	
Lead	807C2B2		3.50e+1	ug/g	0.00e+0	
Lead	807C2B3		2.20e+1	ug/g	0.00e+0	
Lead	807C2B4		8.00e+0	ug/g	0.00e+0	
Lead	807C3B4		2.10e+1	ug/g	0.00e+0	
Lead	807C3B5	ND	5.00e+0	ug/g	0.00e+0	
Lead	807C3B6	ND	5.00e+0	ug/g	0.00e+0	
Mercury	807C1B1	ND	4.00e-4	ug/g	0.00e+0	
Mercury	807C1B2	ND	4.00e-4	ug/g	0.00e+0	
Mercury	807C1B3	ND	4.00e-4	ug/g	0.00e+0	
Mercury	807C2B2	ND	3.00e-4	ug/g	0.00e+0	
Mercury	807C2B3	ND	3.00e-4	ug/g	0.00e+0	
Mercury	807C2B4	ND	3.00e-4	ug/g	0.00e+0	
Mercury	807C3B4	ND	5.00e-4	ug/g	0.00e+0	
Mercury	807C3B5	ND	5.00e-4	ug/g	0.00e+0	
Mercury	807C3B6	ND	3.00e-4	ug/g	0.00e+0	
Nickel	807C1B1	ND	5.00e+0	ug/g	0.00e+0	

1. COMPANY: BROS LAGOON AND CLEANUP SITE
2. STATE: NJ
3. CITY: BRIDGEPORT EPA NJD890764328 REGION: 2
4. EP ID: 807 DEVICE NAME: MWP-2001 SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: C/WHB/VQ/PT/HS/DM

Nickel	807C1B2		1.15e+1	ug/g	0.00e+0	
Nickel	807C1B3	ND	5.00e+0	ug/g	0.00e+0	
Nickel	807C2B2		5.00e+0	ug/g	0.00e+0	
Nickel	807C2B3		9.00e+0	ug/g	0.00e+0	
Nickel	807C2B4		5.50e+0	ug/g	0.00e+0	
Nickel	807C3B4	ND	5.00e+0	ug/g	0.00e+0	
Nickel	807C3B5	ND	5.00e+0	ug/g	0.00e+0	
Nickel	807C3B6	ND	5.00e+0	ug/g	0.00e+0	
Selenium	807C1B1		0.00e+0		0.00e+0	
Selenium	807C1B2		0.00e+0		0.00e+0	
Selenium	807C1B3		1.60e+1	ug/g	0.00e+0	
Selenium	807C2B2	ND	5.00e+0	ug/g	0.00e+0	
Selenium	807C2B3		1.50e+1	ug/g	0.00e+0	
Selenium	807C2B4		1.10e+1	ug/g	0.00e+0	
Selenium	807C3B4		0.00e+0		0.00e+0	
Selenium	807C3B5		6.70e+0	ug/g	0.00e+0	
Selenium	807C3B6		5.40e+0	ug/g	0.00e+0	
Silver	807C1B1	ND	5.00e+0	ug/g	0.00e+0	
Silver	807C1B2	ND	5.00e+0	ug/g	0.00e+0	
Silver	807C1B3	ND	5.00e+0	ug/g	0.00e+0	
Silver	807C2B2	ND	5.00e+0	ug/g	0.00e+0	
Silver	807C2B3	ND	5.00e+0	ug/g	0.00e+0	
Silver	807C2B4	ND	5.00e+0	ug/g	0.00e+0	
Silver	807C3B4	ND	5.00e+0	ug/g	0.00e+0	
Silver	807C3B5	ND	5.00e+0	ug/g	0.00e+0	
Silver	807C3B6	ND	5.00e+0	ug/g	0.00e+0	

5. Type: BLOWDOWN

6. Description: FILTER CAKE
Group: ROTARY KILN Location: PACKED TOWER Phase: SOLID

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate	Calc
Arsenic	807C1B1		3.77e+1	ug/g	0.00e+0	
Arsenic	807C1B2		3.12e+1	ug/g	0.00e+0	
Arsenic	807C1B3	ND	1.00e+1	ug/g	0.00e+0	
Arsenic	807C2B2		4.40e+1	ug/g	0.00e+0	
Arsenic	807C2B3		4.50e+1	ug/g	0.00e+0	
Arsenic	807C2B4		1.01e+2	ug/g	0.00e+0	
Arsenic	807C3B4	ND	9.40e+0	ug/g	0.00e+0	
Arsenic	807C3B5	ND	6.10e+1	ug/g	0.00e+0	
Arsenic	807C3B6		1.94e+1	ug/g	0.00e+0	
Barium	807C1B1		1.53e+2	ug/g	0.00e+0	
Barium	807C1B2		1.56e+2	ug/g	0.00e+0	
Barium	807C1B3		1.48e+2	ug/g	0.00e+0	
Barium	807C2B2		1.50e+2	ug/g	0.00e+0	
Barium	807C2B3		1.41e+2	ug/g	0.00e+0	
Barium	807C2B4		1.73e+2	ug/g	0.00e+0	
Barium	807C3B4		1.20e+2	ug/g	0.00e+0	
Barium	807C3B5		5.40e+1	ug/g	0.00e+0	
Barium	807C3B6		5.80e+1	ug/g	0.00e+0	
Beryllium	807C1B1	ND	5.00e+0	ug/g	0.00e+0	
Beryllium	807C1B2	ND	7.00e+0	ug/g	0.00e+0	
Beryllium	807C1B3	ND	5.00e+0	ug/g	0.00e+0	
Beryllium	807C2B2	ND	5.00e+0	ug/g	0.00e+0	
Beryllium	807C2B3	ND	5.00e+0	ug/g	0.00e+0	
Beryllium	807C2B4	ND	5.00e+0	ug/g	0.00e+0	
Beryllium	807C3B4	ND	5.00e+0	ug/g	0.00e+0	
Beryllium	807C3B5	ND	5.00e+0	ug/g	0.00e+0	
Beryllium	807C3B6	ND	5.00e+0	ug/g	0.00e+0	
Cadmium	807C1B1		2.30e+1	ug/g	0.00e+0	
Cadmium	807C1B2		2.90e+1	ug/g	0.00e+0	
Cadmium	807C1B3		9.00e+0	ug/g	0.00e+0	
Cadmium	807C2B2		2.10e+1	ug/g	0.00e+0	
Cadmium	807C2B3		6.90e+1	ug/g	0.00e+0	
Cadmium	807C2B4		5.10e+1	ug/g	0.00e+0	
Cadmium	807C3B4		2.10e+1	ug/g	0.00e+0	
Cadmium	807C3B5		8.30e+1	ug/g	0.00e+0	
Cadmium	807C3B6		8.70e+1	ug/g	0.00e+0	

1. COMPANY: BROS LAGOON AND CLEANUP SITE
2. STATE: NJ
3. CITY: BRIDGEPORT EPA ID: NJD890764328 REGION: 2
4. EP ID: 807 DEVICE NAME: MWP-2001 SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: C/WHB/VQ/PT/HS/DM

Chromium	807C1B1		1.93e+2	ug/g	0.00e+0	
Chromium	807C1B2		1.69e+2	ug/g	0.00e+0	
Chromium	807C1B3		5.60e+1	ug/g	0.00e+0	
Chromium	807C2B2		1.66e+2	ug/g	0.00e+0	
Chromium	807C2B3		4.40e+2	ug/g	0.00e+0	
Chromium	807C2B4		5.30e+2	ug/g	0.00e+0	
Chromium	807C3B4		1.56e+2	ug/g	0.00e+0	
Chromium	807C3B5		6.34e+2	ug/g	0.00e+0	
Chromium	807C3B6		9.20e+1	ug/g	0.00e+0	
Lead	807C1B1		2.31e+2	ug/g	0.00e+0	
Lead	807C1B2		3.06e+2	ug/g	0.00e+0	
Lead	807C1B3		3.08e+2	ug/g	0.00e+0	
Lead	807C2B2		4.03e+2	ug/g	0.00e+0	
Lead	807C2B3		3.92e+2	ug/g	0.00e+0	
Lead	807C2B4		3.26e+2	ug/g	0.00e+0	
Lead	807C3B4		1.93e+2	ug/g	0.00e+0	
Lead	807C3B5		6.50e+1	ug/g	0.00e+0	
Lead	807C3B6		7.30e+1	ug/g	0.00e+0	
Mercury	807C1B1		2.19e-2	ug/g	0.00e+0	
Mercury	807C1B2		1.83e-2	ug/g	0.00e+0	
Mercury	807C1B3		1.16e-2	ug/g	0.00e+0	
Mercury	807C2B2		2.22e-2	ug/g	0.00e+0	
Mercury	807C2B3		1.79e-2	ug/g	0.00e+0	
Mercury	807C2B4		4.70e-3	ug/g	0.00e+0	
Mercury	807C3B4		2.80e-3	ug/g	0.00e+0	
Mercury	807C3B5		2.40e-3	ug/g	0.00e+0	
Mercury	807C3B6	ND	3.00e-4	ug/g	0.00e+0	
Nickel	807C1B1		3.20e+1	ug/g	0.00e+0	
Nickel	807C1B2		1.60e+1	ug/g	0.00e+0	
Nickel	807C1B3		1.30e+1	ug/g	0.00e+0	
Nickel	807C2B2		2.20e+1	ug/g	0.00e+0	
Nickel	807C2B3		2.60e+1	ug/g	0.00e+0	
Nickel	807C2B4		3.50e+1	ug/g	0.00e+0	
Nickel	807C3B4		2.60e+1	ug/g	0.00e+0	
Nickel	807C3B5		3.20e+1	ug/g	0.00e+0	
Nickel	807C3B6		4.87e+1	ug/g	0.00e+0	
Selenium	807C1B1		0.00e+0		0.00e+0	
Selenium	807C1B2		5.70e+1	ug/g	0.00e+0	
Selenium	807C1B3		2.10e+1	ug/g	0.00e+0	
Selenium	807C2B2		3.40e+1	ug/g	0.00e+0	
Selenium	807C2B3		0.00e+0		0.00e+0	
Selenium	807C2B4		0.00e+0		0.00e+0	
Selenium	807C3B4		7.90e+1	ug/g	0.00e+0	
Selenium	807C3B5		1.82e+2	ug/g	0.00e+0	
Selenium	807C3B6		2.80e+1	ug/g	0.00e+0	
Silver	807C1B1	ND	5.00e+0	ug/g	0.00e+0	
Silver	807C1B2	ND	7.00e+0	ug/g	0.00e+0	
Silver	807C1B3	ND	5.00e+0	ug/g	0.00e+0	
Silver	807C2B2	ND	5.00e+0	ug/g	0.00e+0	
Silver	807C2B3	ND	5.00e+0	ug/g	0.00e+0	
Silver	807C2B4	ND	5.00e+0	ug/g	0.00e+0	
Silver	807C3B4	ND	5.00e+0	ug/g	0.00e+0	
Silver	807C3B5	ND	5.00e+0	ug/g	0.00e+0	
Silver	807C3B6	ND	5.00e+0	ug/g	0.00e+0	

6. Description: SCRUBBER
Group: ROTARY KILN Location: HYDROSONICS Phase: LIQUID

7. Category: Metals

Analysis:

8. Substance	9. Run ID		Concentration		Mass Rate	Calc
Arsenic	807C1B1	ND	2.75e-1	mg/l	0.00e+0	
Arsenic	807C1B2		1.90e-1	mg/l	0.00e+0	
Arsenic	807C1B3		1.42e+0	mg/l	0.00e+0	
Arsenic	807C2B2		2.84e+0	mg/l	0.00e+0	
Arsenic	807C2B3		3.51e+0	mg/l	0.00e+0	
Arsenic	807C2B4		4.38e-1	mg/l	0.00e+0	
Arsenic	807C3B4		1.18e+0	mg/l	0.00e+0	
Arsenic	807C3B5		1.66e+0	mg/l	0.00e+0	
Arsenic	807C3B6		4.50e+0	mg/l	0.00e+0	
Barium	807C1B1	ND	1.05e+0	mg/l	0.00e+0	

1. COMPANY: BROS LAGOON AND CLEANUP SITE
2. STATE: NJ
3. CITY: BRIDGEPORT EPA NJD890764328 REGION: 2
4. EP ID: 807 DEVICE NAME: MWP-2001 SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: C/WHB/VQ/PT/HS/DM

Barium	807C1B2		2.70e+0	mg/l	0.00e+0	
Barium	807C1B3		2.05e+0	mg/l	0.00e+0	
Barium	807C2B2		1.06e+0	mg/l	0.00e+0	
Barium	807C2B3		1.14e+0	mg/l	0.00e+0	
Barium	807C2B4		1.64e-1	mg/l	0.00e+0	
Barium	807C3B4		1.44e-1	mg/l	0.00e+0	
Barium	807C3B5		2.11e-1	mg/l	0.00e+0	
Barium	807C3B6		1.52e-1	mg/l	0.00e+0	
Beryllium	807C1B1	ND	1.00e-1	mg/l	0.00e+0	
Beryllium	807C1B2	ND	1.00e-1	mg/l	0.00e+0	
Beryllium	807C1B3	ND	1.00e-1	mg/l	0.00e+0	
Beryllium	807C2B2	ND	1.00e-1	mg/l	0.00e+0	
Beryllium	807C2B3	ND	1.00e-1	mg/l	0.00e+0	
Beryllium	807C2B4	ND	1.00e-1	mg/l	0.00e+0	
Beryllium	807C3B4	ND	1.00e-1	mg/l	0.00e+0	
Beryllium	807C3B5	ND	1.00e-1	mg/l	0.00e+0	
Beryllium	807C3B6	ND	1.00e-1	mg/l	0.00e+0	
Cadmium	807C1B1	ND	1.25e-1	mg/l	0.00e+0	
Cadmium	807C1B2	ND	1.00e-1	mg/l	0.00e+0	
Cadmium	807C1B3		1.83e+0	mg/l	0.00e+0	
Cadmium	807C2B2		7.70e-1	mg/l	0.00e+0	
Cadmium	807C2B3		6.40e-1	mg/l	0.00e+0	
Cadmium	807C2B4		9.24e-1	mg/l	0.00e+0	
Cadmium	807C3B4	ND	1.00e-1	mg/l	0.00e+0	
Cadmium	807C3B5		1.74e+0	mg/l	0.00e+0	
Cadmium	807C3B6		6.45e-1	mg/l	0.00e+0	
Chromium	807C1B1	ND	5.30e-1	mg/l	0.00e+0	
Chromium	807C1B2		8.60e-1	mg/l	0.00e+0	
Chromium	807C1B3		6.90e+0	mg/l	0.00e+0	
Chromium	807C2B2		2.06e+0	mg/l	0.00e+0	
Chromium	807C2B3		3.75e+0	mg/l	0.00e+0	
Chromium	807C2B4		4.60e-1	mg/l	0.00e+0	
Chromium	807C3B4		1.05e+0	mg/l	0.00e+0	
Chromium	807C3B5		6.32e-1	mg/l	0.00e+0	
Chromium	807C3B6		1.91e+0	mg/l	0.00e+0	
Lead	807C1B1	ND	2.97e+0	mg/l	0.00e+0	
Lead	807C1B2		5.46e+0	mg/l	0.00e+0	
Lead	807C1B3		1.14e+1	mg/l	0.00e+0	
Lead	807C2B2		3.56e+0	mg/l	0.00e+0	
Lead	807C2B3		4.31e+0	mg/l	0.00e+0	
Lead	807C2B4	ND	1.00e-1	mg/l	0.00e+0	
Lead	807C3B4		3.68e-1	mg/l	0.00e+0	
Lead	807C3B5	ND	1.00e-1	mg/l	0.00e+0	
Lead	807C3B6		1.61e-1	mg/l	0.00e+0	
Mercury	807C1B1		5.40e-3	mg/l	0.00e+0	
Mercury	807C1B2		3.30e-3	mg/l	0.00e+0	
Mercury	807C1B3		2.40e-3	mg/l	0.00e+0	
Mercury	807C2B2		3.64e-2	mg/l	0.00e+0	
Mercury	807C2B3		2.60e-2	mg/l	0.00e+0	
Mercury	807C2B4		8.20e-3	mg/l	0.00e+0	
Mercury	807C3B4	ND	3.00e-4	mg/l	0.00e+0	
Mercury	807C3B5		4.27e-3	mg/l	0.00e+0	
Mercury	807C3B6	ND	3.00e-4	mg/l	0.00e+0	
Nickel	807C1B1	ND	1.25e-1	mg/l	0.00e+0	
Nickel	807C1B2		2.30e-1	mg/l	0.00e+0	
Nickel	807C1B3		1.70e-1	mg/l	0.00e+0	
Nickel	807C2B2		1.10e-1	mg/l	0.00e+0	
Nickel	807C2B3		1.70e-1	mg/l	0.00e+0	
Nickel	807C2B4		2.16e-1	mg/l	0.00e+0	
Nickel	807C3B4	ND	1.00e-1	mg/l	0.00e+0	
Nickel	807C3B5		1.33e-1	mg/l	0.00e+0	
Nickel	807C3B6	ND	1.00e-1	mg/l	0.00e+0	
Selenium	807C1B1		0.00e+0		0.00e+0	
Selenium	807C1B2		0.00e+0		0.00e+0	
Selenium	807C1B3		2.27e+0	mg/l	0.00e+0	
Selenium	807C2B2		4.80e-1	mg/l	0.00e+0	
Selenium	807C2B3		1.03e+0	mg/l	0.00e+0	
Selenium	807C2B4		2.38e-1	mg/l	0.00e+0	
Selenium	807C3B4		3.45e-1	mg/l	0.00e+0	
Selenium	807C3B5		1.85e-1	mg/l	0.00e+0	
Selenium	807C3B6		7.07e-1	mg/l	0.00e+0	
Silver	807C1B1	ND	1.00e-1	mg/l	0.00e+0	

1. COMPANY: BROS LAGOON AND CLEANUP SITE
2. STATE: NJ
3. CITY: BRIDGEPORT EPA NJD890764328 REGION: 2
4. EP ID: 807 DEVICE NAME: MWP-2001 SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: C/WHB/VQ/PT/HS/DM

Silver	807C1B2	ND	1.00e-1	mg/l	0.00e+0	
Silver	807C1B3	ND	1.00e-1	mg/l	0.00e+0	
Silver	807C2B2	ND	1.00e-1	mg/l	0.00e+0	
Silver	807C2B3	ND	1.00e-1	mg/l	0.00e+0	
Silver	807C2B4	ND	1.00e-1	mg/l	0.00e+0	
Silver	807C3B4	ND	1.00e-1	mg/l	0.00e+0	
Silver	807C3B5	ND	1.00e-1	mg/l	0.00e+0	
Silver	807C3B6	ND	1.00e-1	mg/l	0.00e+0	

5. Type: SPIKE

6. Description: ORGANICS (PCB OIL)
Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: LIQUID

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate		Calc
Chlorine	807C1R1		4.38e+5	ug/g	7.30e+1	lbs/hr	CE
Chlorine	807C1R2		4.38e+5	ug/g	6.34e+1	lbs/hr	CE
Chlorine	807C1R3		4.38e+5	ug/g	7.65e+1	lbs/hr	CE
Chlorine	807C2R1		4.38e+5	ug/g	8.92e+1	lbs/hr	CE
Chlorine	807C2R2		4.38e+5	ug/g	9.62e+1	lbs/hr	CE
Chlorine	807C2R3		4.38e+5	ug/g	9.81e+1	lbs/hr	CE
Chlorine	807C3R1		4.06e+5	ug/g	9.84e+1	lbs/hr	CE
Chlorine	807C3R2		4.06e+5	ug/g	9.91e+1	lbs/hr	CE
Chlorine	807C3R4		4.06e+5	ug/g	9.07e+1	lbs/hr	CE

7. Category: PCB

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate		Calc
Decachlorinated biphenyls	807C1R1	ND	0.00e+0		0.00e+0		
Decachlorinated biphenyls	807C1R2	ND	0.00e+0		0.00e+0		
Decachlorinated biphenyls	807C1R3	ND	0.00e+0		0.00e+0		
Decachlorinated biphenyls	807C2R1	ND	0.00e+0		0.00e+0		
Decachlorinated biphenyls	807C2R2	ND	0.00e+0		0.00e+0		
Decachlorinated biphenyls	807C2R3	ND	0.00e+0		0.00e+0		
Decachlorinated biphenyls	807C3R1	ND	0.00e+0		0.00e+0		
Decachlorinated biphenyls	807C3R2	ND	0.00e+0		0.00e+0		
Decachlorinated biphenyls	807C3R4	ND	0.00e+0		0.00e+0		
Dichlorinated biphenyls	807C1R1	ND	0.00e+0		0.00e+0		
Dichlorinated biphenyls	807C1R2	ND	0.00e+0		0.00e+0		
Dichlorinated biphenyls	807C1R3	ND	0.00e+0		0.00e+0		
Dichlorinated biphenyls	807C2R1	ND	0.00e+0		0.00e+0		
Dichlorinated biphenyls	807C2R2	ND	0.00e+0		0.00e+0		
Dichlorinated biphenyls	807C2R3	ND	0.00e+0		0.00e+0		
Dichlorinated biphenyls	807C3R1	ND	0.00e+0		0.00e+0		
Dichlorinated biphenyls	807C3R2	ND	0.00e+0		0.00e+0		
Dichlorinated biphenyls	807C3R4	ND	0.00e+0		0.00e+0		
Heptachlorinated biphenyls	807C1R1		9.61e+4	ug/g	1.60e+1	lbs/hr	CE
Heptachlorinated biphenyls	807C1R2		9.61e+4	ug/g	1.39e+1	lbs/hr	CE
Heptachlorinated biphenyls	807C1R3		9.61e+4	ug/g	1.68e+1	lbs/hr	CE
Heptachlorinated biphenyls	807C2R1		9.61e+4	ug/g	1.96e+1	lbs/hr	CE
Heptachlorinated biphenyls	807C2R2		9.61e+4	ug/g	2.11e+1	lbs/hr	CE
Heptachlorinated biphenyls	807C2R3		9.61e+4	ug/g	2.15e+1	lbs/hr	CE
Heptachlorinated biphenyls	807C3R1		1.06e+5	ug/g	2.56e+1	lbs/hr	CE
Heptachlorinated biphenyls	807C3R2		1.06e+5	ug/g	2.58e+1	lbs/hr	CE
Heptachlorinated biphenyls	807C3R4		1.06e+5	ug/g	2.36e+1	lbs/hr	CE
Hexachlorinated biphenyls	807C1R1		1.35e+5	ug/g	2.25e+1	lbs/hr	CE
Hexachlorinated biphenyls	807C1R2		1.35e+5	ug/g	1.95e+1	lbs/hr	CE
Hexachlorinated biphenyls	807C1R3		1.35e+5	ug/g	2.36e+1	lbs/hr	CE
Hexachlorinated biphenyls	807C2R1		1.35e+5	ug/g	2.75e+1	lbs/hr	CE
Hexachlorinated biphenyls	807C2R2		1.35e+5	ug/g	2.96e+1	lbs/hr	CE
Hexachlorinated biphenyls	807C2R3		1.35e+5	ug/g	3.02e+1	lbs/hr	CE
Hexachlorinated biphenyls	807C3R1		1.29e+5	ug/g	3.12e+1	lbs/hr	CE
Hexachlorinated biphenyls	807C3R2		1.29e+5	ug/g	3.15e+1	lbs/hr	CE
Hexachlorinated biphenyls	807C3R4		1.29e+5	ug/g	2.88e+1	lbs/hr	CE
Monochlorinated biphenyls	807C1R1	ND	0.00e+0		0.00e+0		
Monochlorinated biphenyls	807C1R2	ND	0.00e+0		0.00e+0		
Monochlorinated biphenyls	807C1R3	ND	0.00e+0		0.00e+0		
Monochlorinated biphenyls	807C2R1	ND	0.00e+0		0.00e+0		

1. COMPANY: BROS LAGOON AND CLEANUP SITE
2. STATE: NJ
3. CITY: BRIDGEPORT EPA ID: NJD890764328 REGION: 2
4. EP ID: 807 DEVICE NAME: MWP-2001 SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: C/WHB/VQ/PT/HS/DM

Monochlorinated biphenyls	807C2R2	ND	0.00e+0		0.00e+0		
Monochlorinated biphenyls	807C2R3	ND	0.00e+0		0.00e+0		
Monochlorinated biphenyls	807C3R1	ND	0.00e+0		0.00e+0		
Monochlorinated biphenyls	807C3R2	ND	0.00e+0		0.00e+0		
Monochlorinated biphenyls	807C3R4	ND	0.00e+0		0.00e+0		
Nonachlorinated biphenyls	807C1R1	ND	0.00e+0		0.00e+0		
Nonachlorinated biphenyls	807C1R2	ND	0.00e+0		0.00e+0		
Nonachlorinated biphenyls	807C1R3	ND	0.00e+0		0.00e+0		
Nonachlorinated biphenyls	807C2R1	ND	0.00e+0		0.00e+0		
Nonachlorinated biphenyls	807C2R2	ND	0.00e+0		0.00e+0		
Nonachlorinated biphenyls	807C2R3	ND	0.00e+0		0.00e+0		
Nonachlorinated biphenyls	807C3R1	ND	0.00e+0		0.00e+0		
Nonachlorinated biphenyls	807C3R2	ND	0.00e+0		0.00e+0		
Nonachlorinated biphenyls	807C3R4	ND	0.00e+0		0.00e+0		
Octachlorinated biphenyls	807C1R1		1.01e+4	ug/g	1.68e+0	lbs/hr	Œ
Octachlorinated biphenyls	807C1R2		1.01e+4	ug/g	1.46e+0	lbs/hr	Œ
Octachlorinated biphenyls	807C1R3		1.01e+4	ug/g	1.76e+0	lbs/hr	Œ
Octachlorinated biphenyls	807C2R1		1.01e+4	ug/g	2.06e+0	lbs/hr	Œ
Octachlorinated biphenyls	807C2R2		1.01e+4	ug/g	2.22e+0	lbs/hr	Œ
Octachlorinated biphenyls	807C2R3		1.01e+4	ug/g	2.26e+0	lbs/hr	Œ
Octachlorinated biphenyls	807C3R1	ND	0.00e+0		0.00e+0		
Octachlorinated biphenyls	807C3R2	ND	0.00e+0		0.00e+0		
Octachlorinated biphenyls	807C3R4	ND	0.00e+0		0.00e+0		
PCBs	807C1R1		4.02e+5	ug/g	6.71e+1	lbs/hr	Œ
PCBs	807C1R2		4.02e+5	ug/g	5.83e+1	lbs/hr	Œ
PCBs	807C1R3		4.02e+5	ug/g	7.03e+1	lbs/hr	Œ
PCBs	807C2R1		4.02e+5	ug/g	8.19e+1	lbs/hr	Œ
PCBs	807C2R2		4.02e+5	ug/g	8.84e+1	lbs/hr	Œ
PCBs	807C2R3		4.02e+5	ug/g	9.01e+1	lbs/hr	Œ
PCBs	807C3R1		3.32e+5	ug/g	8.05e+1	lbs/hr	Œ
PCBs	807C3R2		3.32e+5	ug/g	8.11e+1	lbs/hr	Œ
PCBs	807C3R4		3.32e+5	ug/g	7.42e+1	lbs/hr	Œ
Pentachlorinated biphenyls	807C1R1		1.26e+5	ug/g	2.10e+1	lbs/hr	Œ
Pentachlorinated biphenyls	807C1R2		1.26e+5	ug/g	1.82e+1	lbs/hr	Œ
Pentachlorinated biphenyls	807C1R3		1.26e+5	ug/g	2.20e+1	lbs/hr	Œ
Pentachlorinated biphenyls	807C2R1		1.26e+5	ug/g	2.57e+1	lbs/hr	Œ
Pentachlorinated biphenyls	807C2R2		1.26e+5	ug/g	2.77e+1	lbs/hr	Œ
Pentachlorinated biphenyls	807C2R3		1.26e+5	ug/g	2.82e+1	lbs/hr	Œ
Pentachlorinated biphenyls	807C3R1		7.01e+4	ug/g	1.70e+1	lbs/hr	Œ
Pentachlorinated biphenyls	807C3R2		7.01e+4	ug/g	1.71e+1	lbs/hr	Œ
Pentachlorinated biphenyls	807C3R4		7.01e+4	ug/g	1.57e+1	lbs/hr	Œ
Tetrachlorinated biphenyls	807C1R1		3.39e+4	ug/g	5.65e+0	lbs/hr	Œ
Tetrachlorinated biphenyls	807C1R2		3.39e+4	ug/g	4.91e+0	lbs/hr	Œ
Tetrachlorinated biphenyls	807C1R3		3.39e+4	ug/g	5.92e+0	lbs/hr	Œ
Tetrachlorinated biphenyls	807C2R1		3.39e+4	ug/g	6.90e+0	lbs/hr	Œ
Tetrachlorinated biphenyls	807C2R2		3.39e+4	ug/g	7.44e+0	lbs/hr	Œ
Tetrachlorinated biphenyls	807C2R3		3.39e+4	ug/g	7.59e+0	lbs/hr	Œ
Tetrachlorinated biphenyls	807C3R1		2.68e+4	ug/g	6.49e+0	lbs/hr	Œ
Tetrachlorinated biphenyls	807C3R2		2.68e+4	ug/g	6.54e+0	lbs/hr	Œ
Tetrachlorinated biphenyls	807C3R4		2.68e+4	ug/g	5.98e+0	lbs/hr	Œ
Trichlorinated biphenyls	807C1R1		1.40e+3	ug/g	2.33e-1	lbs/hr	Œ
Trichlorinated biphenyls	807C1R2		1.40e+3	ug/g	2.03e-1	lbs/hr	Œ
Trichlorinated biphenyls	807C1R3		1.40e+3	ug/g	2.45e-1	lbs/hr	Œ
Trichlorinated biphenyls	807C2R1		1.40e+3	ug/g	2.85e-1	lbs/hr	Œ
Trichlorinated biphenyls	807C2R2		1.40e+3	ug/g	3.07e-1	lbs/hr	Œ
Trichlorinated biphenyls	807C2R3		1.40e+3	ug/g	3.13e-1	lbs/hr	Œ
Trichlorinated biphenyls	807C3R1		6.00e+2	ug/g	1.45e-1	lbs/hr	Œ
Trichlorinated biphenyls	807C3R2		6.00e+2	ug/g	1.46e-1	lbs/hr	Œ
Trichlorinated biphenyls	807C3R4		6.00e+2	ug/g	1.34e-1	lbs/hr	Œ

7. Category: SVOC

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate		Calc
Trichlorobenzene	807C1R1		3.51e+5	ug/g	5.85e+1	lbs/hr	Œ
Trichlorobenzene	807C1R2		3.51e+5	ug/g	5.08e+1	lbs/hr	Œ
Trichlorobenzene	807C1R3		3.51e+5	ug/g	6.13e+1	lbs/hr	Œ
Trichlorobenzene	807C2R1		3.51e+5	ug/g	7.15e+1	lbs/hr	Œ
Trichlorobenzene	807C2R2		3.51e+5	ug/g	7.71e+1	lbs/hr	Œ
Trichlorobenzene	807C2R3		3.51e+5	ug/g	7.86e+1	lbs/hr	Œ
Trichlorobenzene	807C3R1		3.52e+5	ug/g	8.53e+1	lbs/hr	Œ
Trichlorobenzene	807C3R2		3.52e+5	ug/g	8.59e+1	lbs/hr	Œ

1. COMPANY: BROS LAGOON AND CLEANUP SITE
2. STATE: NJ
3. CITY: BRIDGEPORT EPA ID: NJD890764328 REGION: 2
4. EP ID: 807 DEVICE NAME: MWP-2001 SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: C/WHB/VQ/PT/HS/DM

Trichlorobenzene	807C3R4	3.52e+5	ug/g	7.86e+1	lbs/hr	CE

6. Description: ORGANICS (CCL4,MCB)
Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: LIQUID

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Chlorine	807C1R1	6.77e+5	ug/g	9.74e+1	lbs/hr	CC
Chlorine	807C1R2	5.99e+5	ug/g	9.01e+1	lbs/hr	CC
Chlorine	807C1R3	6.37e+5	ug/g	1.01e+2	lbs/hr	CC
Chlorine	807C2R1	6.36e+5	ug/g	1.23e+2	lbs/hr	CC
Chlorine	807C2R2	6.18e+5	ug/g	1.21e+2	lbs/hr	CC
Chlorine	807C2R3	6.18e+5	ug/g	1.11e+2	lbs/hr	CC
Chlorine	807C2R4	3.15e+5	ug/g	3.02e+1	lbs/hr	CC
Chlorine	807C3R1	6.19e+5	ug/g	1.18e+2	lbs/hr	CC
Chlorine	807C3R2	6.09e+5	ug/g	1.20e+2	lbs/hr	CC
Chlorine	807C3R3	3.15e+5	ug/g	3.04e+1	lbs/hr	CC
Chlorine	807C3R4	6.04e+5	ug/g	1.24e+2	lbs/hr	CC

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Carbon Tetrachloride	807C1R1	5.96e+5	ug/g	8.58e+1	lbs/hr	CC
Carbon Tetrachloride	807C1R2	4.68e+5	ug/g	7.04e+1	lbs/hr	CC
Carbon Tetrachloride	807C1R3	5.31e+5	ug/g	8.41e+1	lbs/hr	CC
Carbon Tetrachloride	807C2R1	5.28e+5	ug/g	1.02e+2	lbs/hr	CC
Carbon Tetrachloride	807C2R2	4.99e+5	ug/g	9.80e+1	lbs/hr	CC
Carbon Tetrachloride	807C2R3	4.98e+5	ug/g	8.92e+1	lbs/hr	CC
Carbon Tetrachloride	807C3R1	5.01e+5	ug/g	9.54e+1	lbs/hr	CC
Carbon Tetrachloride	807C3R2	4.84e+5	ug/g	9.55e+1	lbs/hr	CC
Carbon Tetrachloride	807C3R4	4.77e+5	ug/g	9.75e+1	lbs/hr	CC
Chlorobenzene	807C1R1	4.04e+5	ug/g	5.82e+1	lbs/hr	CC
Chlorobenzene	807C1R2	5.32e+5	ug/g	7.99e+1	lbs/hr	CC
Chlorobenzene	807C1R3	4.69e+5	ug/g	7.42e+1	lbs/hr	CC
Chlorobenzene	807C2R1	4.72e+5	ug/g	9.15e+1	lbs/hr	CC
Chlorobenzene	807C2R2	5.01e+5	ug/g	9.82e+1	lbs/hr	CC
Chlorobenzene	807C2R3	5.02e+5	ug/g	8.99e+1	lbs/hr	CC
Chlorobenzene	807C2R4	1.00e+6	ug/g	9.58e+1	lbs/hr	CC
Chlorobenzene	807C3R1	4.99e+5	ug/g	9.52e+1	lbs/hr	CC
Chlorobenzene	807C3R2	5.16e+5	ug/g	1.02e+2	lbs/hr	CC
Chlorobenzene	807C3R3	1.00e+6	ug/g	9.64e+1	lbs/hr	CC
Chlorobenzene	807C3R4	5.23e+5	ug/g	1.07e+2	lbs/hr	CC

6. Description: SLURRY/METALS (AS,CD,CR)
Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: LIQUID

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Arsenic	807C1B1	6.62e+4	ug/g	5.07e-1	lbs/hr	CC
Arsenic	807C1B2	6.62e+4	ug/g	2.53e-1	lbs/hr	CC
Arsenic	807C1B3	6.61e+4	ug/g	2.55e-1	lbs/hr	CC
Arsenic	807C2B2	6.71e+4	ug/g	4.58e-1	lbs/hr	CC
Arsenic	807C2B3	6.68e+4	ug/g	5.01e-1	lbs/hr	CC
Arsenic	807C2B4	6.69e+4	ug/g	5.23e-1	lbs/hr	CC
Arsenic	807C3B4	6.70e+4	ug/g	5.05e-1	lbs/hr	CC
Arsenic	807C3B5	8.41e+4	ug/g	3.01e-1	lbs/hr	CC
Arsenic	807C3B6	6.58e+4	ug/g	3.84e-1	lbs/hr	CC
Cadmium	807C1B1	6.70e+4	ug/g	5.13e-1	lbs/hr	CC
Cadmium	807C1B2	6.72e+4	ug/g	2.57e-1	lbs/hr	CC
Cadmium	807C1B3	6.72e+4	ug/g	2.59e-1	lbs/hr	CC
Cadmium	807C2B2	6.73e+4	ug/g	4.60e-1	lbs/hr	CC
Cadmium	807C2B3	6.70e+4	ug/g	5.02e-1	lbs/hr	CC
Cadmium	807C2B4	6.70e+4	ug/g	5.24e-1	lbs/hr	CC
Cadmium	807C3B4	6.67e+4	ug/g	5.03e-1	lbs/hr	CC
Cadmium	807C3B5	8.83e+4	ug/g	3.16e-1	lbs/hr	CC
Cadmium	807C3B6	6.90e+4	ug/g	4.03e-1	lbs/hr	CC
Chromium	807C1B1	8.67e+5	ug/g	6.64e+0	lbs/hr	CC

1. COMPANY: BROS LAGOON AND CLEANUP SITE
2. STATE: NJ
3. CITY: BRIDGEPORT EPA ID: NJD890764328 REGION: 2
4. EP ID: 807 DEVICE NAME: MWP-2001 SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: C/WHB/VQ/PT/HS/DM

Chromium	807C1B2	8.67e+5	ug/g	3.31e+0	lbs/hr	CC
Chromium	807C1B3	8.67e+5	ug/g	3.34e+0	lbs/hr	CC
Chromium	807C2B2	8.67e+5	ug/g	5.92e+0	lbs/hr	CC
Chromium	807C2B3	8.66e+5	ug/g	6.49e+0	lbs/hr	CC
Chromium	807C2B4	8.66e+5	ug/g	6.78e+0	lbs/hr	CC
Chromium	807C3B4	8.66e+5	ug/g	6.53e+0	lbs/hr	CC
Chromium	807C3B5	1.11e+6	ug/g	3.96e+0	lbs/hr	CC
Chromium	807C3B6	8.65e+5	ug/g	5.05e+0	lbs/hr	CC

5. Type: WASTE

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

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Chlorine	807C1B1	5.20e+1	ug/g	1.79e+0	lbs/hr	CE
Chlorine	807C1B2	4.45e+1	ug/g	1.43e+0	lbs/hr	CE
Chlorine	807C1B3	4.00e+1	ug/g	1.36e+0	lbs/hr	CE
Chlorine	807C2B2	4.30e+1	ug/g	2.16e+0	lbs/hr	CE
Chlorine	807C2B3	3.60e+1	ug/g	1.54e+0	lbs/hr	CE
Chlorine	807C2B4	4.80e+1	ug/g	2.44e+0	lbs/hr	CE
Chlorine	807C3B4	8.70e+1	ug/g	3.43e+0	lbs/hr	CE
Chlorine	807C3B5	3.80e+1	ug/g	1.50e+0	lbs/hr	CE
Chlorine	807C3B6	1.10e+1	ug/g	4.52e-1	lbs/hr	CE

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate		Calc
Arsenic	807C1B1	ND	4.00e+0	ug/g	1.37e-1	lbs/hr	CE
Arsenic	807C1B2	ND	1.00e+1	ug/g	3.20e-1	lbs/hr	CE
Arsenic	807C1B3	ND	1.00e+1	ug/g	3.39e-1	lbs/hr	CE
Arsenic	807C2B2		7.00e+0	ug/g	3.52e-1	lbs/hr	CE
Arsenic	807C2B3	ND	5.00e+0	ug/g	2.14e-1	lbs/hr	CE
Arsenic	807C2B4	ND	5.00e+0	ug/g	2.54e-1	lbs/hr	CE
Arsenic	807C3B4	ND	5.00e+0	ug/g	1.97e-1	lbs/hr	CE
Arsenic	807C3B5	ND	5.00e+0	ug/g	1.97e-1	lbs/hr	CE
Arsenic	807C3B6	ND	5.00e+0	ug/g	2.05e-1	lbs/hr	CE
Barium	807C1B1		6.45e+1	ug/g	2.22e+0	lbs/hr	CE
Barium	807C1B2		6.15e+1	ug/g	1.97e+0	lbs/hr	CE
Barium	807C1B3		6.15e+1	ug/g	2.09e+0	lbs/hr	CE
Barium	807C2B2		6.65e+1	ug/g	3.34e+0	lbs/hr	CE
Barium	807C2B3		9.40e+1	ug/g	4.03e+0	lbs/hr	CE
Barium	807C2B4		6.15e+1	ug/g	3.12e+0	lbs/hr	CE
Barium	807C3B4		2.50e+1	ug/g	9.85e-1	lbs/hr	CE
Barium	807C3B5		1.31e+1	ug/g	5.14e-1	lbs/hr	CE
Barium	807C3B6		8.80e+0	ug/g	3.61e-1	lbs/hr	CE
Beryllium	807C1B1	ND	5.00e+0	ug/g	1.72e-1	lbs/hr	CE
Beryllium	807C1B2	ND	5.00e+0	ug/g	1.60e-1	lbs/hr	CE
Beryllium	807C1B3	ND	5.00e+0	ug/g	1.70e-1	lbs/hr	CE
Beryllium	807C2B2	ND	5.00e+0	ug/g	2.51e-1	lbs/hr	CE
Beryllium	807C2B3	ND	5.00e+0	ug/g	2.14e-1	lbs/hr	CE
Beryllium	807C2B4	ND	5.00e+0	ug/g	2.54e-1	lbs/hr	CE
Beryllium	807C3B4	ND	5.00e+0	ug/g	1.97e-1	lbs/hr	CE
Beryllium	807C3B5	ND	5.00e+0	ug/g	1.97e-1	lbs/hr	CE
Beryllium	807C3B6	ND	5.00e+0	ug/g	2.05e-1	lbs/hr	CE
Cadmium	807C1B1	ND	5.00e+0	ug/g	1.72e-1	lbs/hr	CE
Cadmium	807C1B2	ND	5.00e+0	ug/g	1.60e-1	lbs/hr	CE
Cadmium	807C1B3	ND	5.00e+0	ug/g	1.70e-1	lbs/hr	CE
Cadmium	807C2B2	ND	5.00e+0	ug/g	2.51e-1	lbs/hr	CE
Cadmium	807C2B3	ND	5.00e+0	ug/g	2.14e-1	lbs/hr	CE
Cadmium	807C2B4	ND	5.00e+0	ug/g	2.54e-1	lbs/hr	CE
Cadmium	807C3B4	ND	5.00e+0	ug/g	1.97e-1	lbs/hr	CE
Cadmium	807C3B5	ND	5.00e+0	ug/g	1.97e-1	lbs/hr	CE
Cadmium	807C3B6	ND	5.00e+0	ug/g	2.05e-1	lbs/hr	CE
Chromium	807C1B1		1.15e+1	ug/g	3.95e-1	lbs/hr	CE
Chromium	807C1B2		1.65e+1	ug/g	5.29e-1	lbs/hr	CE
Chromium	807C1B3		1.65e+1	ug/g	5.60e-1	lbs/hr	CE
Chromium	807C2B2		1.45e+1	ug/g	7.29e-1	lbs/hr	CE

1. COMPANY: BROS LAGOON AND CLEANUP SITE
2. STATE: NJ
3. CITY: BRIDGEPORT EPA ID: NJD890764328 REGION: 2
4. EP ID: 807 DEVICE NAME: MWP-2001 SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: C/WHB/VQ/PT/HS/DM

Chromium	807C2B3		2.05e+1	ug/g	8.79e-1	lbs/hr	CE
Chromium	807C2B4		1.25e+1	ug/g	6.35e-1	lbs/hr	CE
Chromium	807C3B4		9.00e+0	ug/g	3.55e-1	lbs/hr	CE
Chromium	807C3B5		9.34e+0	ug/g	3.68e-1	lbs/hr	CE
Chromium	807C3B6		7.70e+0	ug/g	3.16e-1	lbs/hr	CE
Lead	807C1B1		1.10e+2	ug/g	3.78e+0	lbs/hr	CE
Lead	807C1B2		1.00e+2	ug/g	3.22e+0	lbs/hr	CE
Lead	807C1B3		1.00e+2	ug/g	3.41e+0	lbs/hr	CE
Lead	807C2B2		9.50e+1	ug/g	4.78e+0	lbs/hr	CE
Lead	807C2B3		1.12e+2	ug/g	4.82e+0	lbs/hr	CE
Lead	807C2B4		7.00e+1	ug/g	3.55e+0	lbs/hr	CE
Lead	807C3B4		2.80e+1	ug/g	1.10e+0	lbs/hr	CE
Lead	807C3B5	ND	5.00e+0	ug/g	1.97e-1	lbs/hr	CE
Lead	807C3B6	ND	5.10e+0	ug/g	2.09e-1	lbs/hr	CE
Mercury	807C1B1		2.05e-3	ug/g	7.04e-5	lbs/hr	CE
Mercury	807C1B2		1.18e-2	ug/g	3.78e-4	lbs/hr	CE
Mercury	807C1B3		1.18e-2	ug/g	4.01e-4	lbs/hr	CE
Mercury	807C2B2		7.40e-4	ug/g	3.72e-5	lbs/hr	CE
Mercury	807C2B3		1.15e-3	ug/g	4.93e-5	lbs/hr	CE
Mercury	807C2B4		6.60e-4	ug/g	3.35e-5	lbs/hr	CE
Mercury	807C3B4		5.00e-4	ug/g	1.97e-5	lbs/hr	CE
Mercury	807C3B5	ND	4.90e-4	ug/g	1.93e-5	lbs/hr	CE
Mercury	807C3B6		3.00e-4	ug/g	1.23e-5	lbs/hr	CE
Nickel	807C1B1		5.00e+0	ug/g	1.72e-1	lbs/hr	CE
Nickel	807C1B2	ND	5.50e+0	ug/g	1.76e-1	lbs/hr	CE
Nickel	807C1B3	ND	5.50e+0	ug/g	1.87e-1	lbs/hr	CE
Nickel	807C2B2		7.00e+0	ug/g	3.52e-1	lbs/hr	CE
Nickel	807C2B3		8.00e+0	ug/g	3.43e-1	lbs/hr	CE
Nickel	807C2B4	ND	5.50e+0	ug/g	2.79e-1	lbs/hr	CE
Nickel	807C3B4	ND	5.00e+0	ug/g	1.97e-1	lbs/hr	CE
Nickel	807C3B5	ND	5.00e+0	ug/g	1.97e-1	lbs/hr	CE
Nickel	807C3B6	ND	5.00e+0	ug/g	2.05e-1	lbs/hr	CE
Selenium	807C1B1		0.00e+0		0.00e+0		
Selenium	807C1B2		8.00e+0	ug/g	2.56e-1	lbs/hr	CE
Selenium	807C1B3		8.00e+0	ug/g	2.72e-1	lbs/hr	CE
Selenium	807C2B2	ND	5.00e+0	ug/g	2.51e-1	lbs/hr	CE
Selenium	807C2B3		0.00e+0		0.00e+0		
Selenium	807C2B4		0.00e+0		0.00e+0		
Selenium	807C3B4		0.00e+0		0.00e+0		
Selenium	807C3B5	ND	5.00e+0	ug/g	1.97e-1	lbs/hr	CE
Selenium	807C3B6	ND	5.00e+0	ug/g	2.05e-1	lbs/hr	CE
Silver	807C1B1	ND	5.00e+0	ug/g	1.72e-1	lbs/hr	CE
Silver	807C1B2	ND	5.00e+0	ug/g	1.60e-1	lbs/hr	CE
Silver	807C1B3	ND	5.00e+0	ug/g	1.70e-1	lbs/hr	CE
Silver	807C2B2	ND	5.00e+0	ug/g	2.51e-1	lbs/hr	CE
Silver	807C2B3	ND	5.00e+0	ug/g	2.14e-1	lbs/hr	CE
Silver	807C2B4	ND	5.00e+0	ug/g	2.54e-1	lbs/hr	CE
Silver	807C3B4	ND	5.00e+0	ug/g	1.97e-1	lbs/hr	CE
Silver	807C3B5	ND	5.00e+0	ug/g	1.97e-1	lbs/hr	CE
Silver	807C3B6	ND	5.00e+0	ug/g	2.05e-1	lbs/hr	CE

7. Category: PCB

Analysis:

8. Substance	9. Run ID		Concentration		Mass Rate		Calc
PCBs	807C1B1		1.32e+0	ug/g	4.55e-2	lbs/hr	CE
PCBs	807C1B2		2.04e+0	ug/g	6.53e-2	lbs/hr	CE
PCBs	807C1B3		1.16e+0	ug/g	3.94e-2	lbs/hr	CE
PCBs	807C2B2		2.36e+0	ug/g	1.19e-1	lbs/hr	CE
PCBs	807C2B3		4.90e-1	ug/g	2.10e-2	lbs/hr	CE
PCBs	807C2B4		5.65e-1	ug/g	2.87e-2	lbs/hr	CE
PCBs	807C3B4		4.10e-1	ug/g	1.62e-2	lbs/hr	CE
PCBs	807C3B5	ND	1.00e-1	ug/g	3.94e-3	lbs/hr	CE
PCBs	807C3B6	ND	1.00e-1	ug/g	4.10e-3	lbs/hr	CE

7. Category: VOC

Analysis:

8. Substance	9. Run ID		Concentration		Mass Rate		Calc
Carbon Tetrachloride	807C1B1	ND	1.00e-2	ug/g	3.44e-4	lbs/hr	CE
Carbon Tetrachloride	807C1B2	ND	1.00e-2	ug/g	3.20e-4	lbs/hr	CE
Carbon Tetrachloride	807C1B3	ND	1.00e-2	ug/g	3.39e-4	lbs/hr	CE

1. COMPANY: BROS LAGOON AND CLEANUP SITE
2. STATE: NJ
3. CITY: BRIDGEPORT EPA NJD890764328 REGION: 2
4. EP ID: 807 DEVICE NAME: MWP-2001 SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: C/WHB/VQ/PT/HS/DM

Carbon Tetrachloride	807C2B2	ND	1.00e-2	ug/g	5.03e-4	lbs/hr	CE
Carbon Tetrachloride	807C2B3	ND	1.00e-2	ug/g	4.29e-4	lbs/hr	CE
Carbon Tetrachloride	807C2B4	ND	1.00e-2	ug/g	5.08e-4	lbs/hr	CE
Carbon Tetrachloride	807C3B4	ND	1.00e-2	ug/g	3.94e-4	lbs/hr	CE
Carbon Tetrachloride	807C3B5	ND	1.00e-2	ug/g	3.94e-4	lbs/hr	CE
Carbon Tetrachloride	807C3B6	ND	1.00e-2	ug/g	4.10e-4	lbs/hr	CE
Chlorobenzene	807C1B1	ND	1.00e-2	ug/g	3.44e-4	lbs/hr	CE
Chlorobenzene	807C1B2	ND	1.00e-2	ug/g	3.20e-4	lbs/hr	CE
Chlorobenzene	807C1B3	ND	1.00e-2	ug/g	3.39e-4	lbs/hr	CE
Chlorobenzene	807C2B2	ND	1.00e-2	ug/g	5.03e-4	lbs/hr	CE
Chlorobenzene	807C2B3	ND	1.00e-2	ug/g	4.29e-4	lbs/hr	CE
Chlorobenzene	807C2B4	ND	1.00e-2	ug/g	5.08e-4	lbs/hr	CE
Chlorobenzene	807C3B4	ND	1.00e-2	ug/g	3.94e-4	lbs/hr	CE
Chlorobenzene	807C3B5	ND	1.00e-2	ug/g	3.94e-4	lbs/hr	CE
Chlorobenzene	807C3B6	ND	1.00e-2	ug/g	4.10e-4	lbs/hr	CE

6. Description: PROCESS WATER
Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: LIQUID

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate	Calc
Chlorine	807C1B1	1.75e+2	mg/l	0.00e+0	
Chlorine	807C1B2	1.29e+2	mg/l	0.00e+0	
Chlorine	807C1B3	1.20e+2	mg/l	0.00e+0	
Chlorine	807C2B2	2.60e+2	mg/l	0.00e+0	
Chlorine	807C2B3	2.35e+2	mg/l	0.00e+0	
Chlorine	807C2B4	3.90e+2	mg/l	0.00e+0	
Chlorine	807C3B4	3.10e+2	mg/l	0.00e+0	
Chlorine	807C3B5	4.00e+2	mg/l	0.00e+0	
Chlorine	807C3B6	3.40e+2	mg/l	0.00e+0	