SECTION 8: OTHER STREAM ANALYSES

1. COMPANY: MONSANTO AGRICULTURAL COMPANY
2. STATE: IA
3. CITY: MUSCATINE EPA ID: IAD005273594 REGION: 7
4. EP ID: 906 DEVICE NAME: CAC INCINERATOR SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: QT/PT

5. Type: WASTE

6. Description: CAC,SPIKED
Group: LIQUID INJECTION Location: SINGLE CHAMBER Phase: LIQUID

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Chlorine	906C1R1	4.61e+5	ug/g	4.79e+2	lbs/hr	CE
Chlorine	906C1R2	4.37e+5	ug/g	4.59e+2	lbs/hr	CE
Chlorine	906C1R3	4.27e+5	ug/g	4.45e+2	lbs/hr	CE
Chlorine	906C3R1	4.45e+5	ug/g	3.57e+2	lbs/hr	CE
Chlorine	906C3R2	4.44e+5	ug/g	3.57e+2	lbs/hr	CE
Chlorine	906C3R3	4.50e+5	ug/g	3.64e+2	lbs/hr	CE
Chlorine	906C4R1	4.40e+5	ug/g	4.69e+2	lbs/hr	CE
Chlorine	906C4R2	4.74e+5	ug/g	5.08e+2	lbs/hr	CE
Chlorine	906C4R3	4.59e+5	ug/g	4.90e+2	lbs/hr	CE
Chlorine	906C5R1	4.64e+5	ug/g	6.51e+2	lbs/hr	CE
Chlorine	906C5R2	4.57e+5	ug/g	6.47e+2	lbs/hr	CE
Chlorine	906C5R3	4.60e+5	ug/g	6.53e+2	lbs/hr	CE

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate		Calc
Antimony	906C3R1	ND	7.82e-1	ug/g	6.26e-4	lbs/hr	CE
Arsenic	906C3R1	ND	2.35e-2	ug/g	1.88e-5	lbs/hr	CE
Barium	906C3R1		7.82e-2	ug/g	6.26e-5	lbs/hr	CE
Beryllium	906C3R1	ND	7.82e-2	ug/g	6.26e-5	lbs/hr	CE
Cadmium	906C3R1	ND	7.82e-2	ug/g	6.26e-5	lbs/hr	CE
Chromium	906C3R1		9.38e-1	ug/g	7.51e-4	lbs/hr	CE
Lead	906C3R1		4.07e-2	ug/g	3.26e-5	lbs/hr	CE
Mercury	906C3R1	ND	9.38e-4	ug/g	7.51e-7	lbs/hr	CE
Silver	906C3R1	ND	1.56e-2	ug/g	1.25e-5	lbs/hr	CE
Thallium	906C3R1	ND	6.25e-2	ug/g	5.01e-5	lbs/hr	CE

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
1,2-Dichloroethane	906C1R1	1.35e+4	ug/g	1.40e+1	lbs/hr	CE
1,2-Dichloroethane	906C1R2	1.29e+4	ug/g	1.35e+1	lbs/hr	CE
1,2-Dichloroethane	906C1R3	1.32e+4	ug/g	1.37e+1	lbs/hr	CE
1,2-Dichloroethane	906C3R1	6.68e+4	ug/g	5.35e+1	lbs/hr	CE
1,2-Dichloroethane	906C3R2	7.55e+4	ug/g	6.06e+1	lbs/hr	CE
1,2-Dichloroethane	906C3R3	7.66e+4	ug/g	6.20e+1	lbs/hr	CE
1,2-Dichloroethane	906C4R1	8.06e+4	ug/g	8.59e+1	lbs/hr	CE
1,2-Dichloroethane	906C4R2	8.71e+4	ug/g	9.33e+1	lbs/hr	CE
1,2-Dichloroethane	906C4R3	8.13e+4	ug/g	8.68e+1	lbs/hr	CE
1,2-Dichloroethane	906C5R1	8.06e+4	ug/g	1.13e+2	lbs/hr	CE
1,2-Dichloroethane	906C5R2	8.48e+4	ug/g	1.20e+2	lbs/hr	CE
1,2-Dichloroethane	906C5R3	8.69e+4	ug/g	1.23e+2	lbs/hr	CE
Tetrachloroethene	906C1R1	2.04e+4	ug/g	2.12e+1	lbs/hr	CE
Tetrachloroethene	906C1R2	2.24e+4	ug/g	2.35e+1	lbs/hr	CE
Tetrachloroethene	906C1R3	1.99e+4	ug/g	2.07e+1	lbs/hr	CE
Tetrachloroethene	906C3R1	1.93e+4	ug/g	1.55e+1	lbs/hr	CE
Tetrachloroethene	906C3R2	1.86e+4	ug/g	1.49e+1	lbs/hr	CE
Tetrachloroethene	906C3R3	2.35e+4	ug/g	1.90e+1	lbs/hr	CE
Tetrachloroethene	906C4R1	2.33e+4	ug/g	2.48e+1	lbs/hr	CE
Tetrachloroethene	906C4R2	2.48e+4	ug/g	2.66e+1	lbs/hr	CE
Tetrachloroethene	906C4R3	2.13e+4	ug/g	2.27e+1	lbs/hr	CE
Tetrachloroethene	906C5R1	2.32e+4	ug/g	3.25e+1	lbs/hr	CE
Tetrachloroethene	906C5R2	2.33e+4	ug/g	3.30e+1	lbs/hr	CE
Tetrachloroethene	906C5R3	2.27e+4	ug/g	3.22e+1	lbs/hr	CE

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

SECTION 8: OTHER STREAM ANALYSES

1. COMPANY: MONSANTO AGRICULTURAL COMPANY
2. STATE: IA
3. CITY: MUSCATINE EPA ID: IAD005273594 REGION: 7
4. EP ID: 906 DEVICE NAME: CAC INCINERATOR SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: QT/PT

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Chlorine	906C2R1	2.74e+4	ug/g	2.77e+1	lbs/hr	CE
Chlorine	906C2R2	5.00e+4	ug/g	5.12e+1	lbs/hr	CE
Chlorine	906C2R3	2.48e+4	ug/g	2.51e+1	lbs/hr	CE
Chlorine	906C3R1	2.06e+4	ug/g	1.04e+1	lbs/hr	CE
Chlorine	906C3R2	2.66e+4	ug/g	1.35e+1	lbs/hr	CE
Chlorine	906C3R3	2.50e+4	ug/g	1.30e+1	lbs/hr	CE
Chlorine	906C4R1	1.91e+4	ug/g	1.45e+1	lbs/hr	CE
Chlorine	906C4R2	2.38e+4	ug/g	1.81e+1	lbs/hr	CE
Chlorine	906C4R3	2.33e+4	ug/g	1.77e+1	lbs/hr	CE

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate		Calc
Antimony	906C3R1	ND	9.91e-1	ug/g	5.01e-4	lbs/hr	CE
Arsenic	906C3R1	ND	2.97e-2	ug/g	1.50e-5	lbs/hr	CE
Barium	906C3R1		3.57e-1	ug/g	1.80e-4	lbs/hr	CE
Beryllium	906C3R1	ND	9.91e-2	ug/g	5.01e-5	lbs/hr	CE
Cadmium	906C3R1	ND	9.91e-2	ug/g	5.01e-5	lbs/hr	CE
Chromium	906C3R1	ND	1.98e-1	ug/g	1.00e-4	lbs/hr	CE
Lead	906C3R1		2.48e-1	ug/g	1.25e-4	lbs/hr	CE
Mercury	906C3R1		3.97e-3	ug/g	2.00e-6	lbs/hr	CE
Silver	906C3R1	ND	1.98e-1	ug/g	1.00e-4	lbs/hr	CE
Thallium	906C3R1	ND	7.93e-2	ug/g	4.01e-5	lbs/hr	CE

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Chlorobenzene	906C2R1	3.42e+4	ug/g	3.46e+1	lbs/hr	CE
Chlorobenzene	906C2R2	8.54e+4	ug/g	8.75e+1	lbs/hr	CE
Chlorobenzene	906C2R3	2.13e+4	ug/g	2.15e+1	lbs/hr	CE
Chlorobenzene	906C3R1	2.27e+4	ug/g	1.15e+1	lbs/hr	CE
Chlorobenzene	906C3R2	2.24e+4	ug/g	1.13e+1	lbs/hr	CE
Chlorobenzene	906C3R3	2.21e+4	ug/g	1.15e+1	lbs/hr	CE
Chlorobenzene	906C4R1	2.27e+4	ug/g	1.72e+1	lbs/hr	CE
Chlorobenzene	906C4R2	2.04e+4	ug/g	1.55e+1	lbs/hr	CE
Chlorobenzene	906C4R3	2.05e+4	ug/g	1.55e+1	lbs/hr	CE

SECTION 8: OTHER STREAM ANALYSES

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

5. Type: WASTE

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

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate		Calc
Antimony	712C2R1	ND	8.89e-1	ug/dscm	2.64e-5	lbs/hr	CC
Arsenic	712C1R1	ND	8.94e-1	ug/dscm	2.64e-5	lbs/hr	CC
Arsenic	712C1R3	ND	8.19e-1	ug/dscm	2.39e-5	lbs/hr	CC
Arsenic	712C2R1	ND	8.89e-1	ug/dscm	2.64e-5	lbs/hr	CC
Barium	712C2R1		1.62e+0	ug/dscm	4.81e-5	lbs/hr	CC
Beryllium	712C1R1	ND	8.94e-2	ug/dscm	2.64e-6	lbs/hr	CC
Beryllium	712C1R3	ND	8.19e-2	ug/dscm	2.39e-6	lbs/hr	CC
Beryllium	712C2R1	ND	1.77e-1	ug/dscm	5.27e-6	lbs/hr	CC
Cadmium	712C1R1		8.13e-1	ug/dscm	2.40e-5	lbs/hr	CC
Cadmium	712C1R3	ND	3.27e-1	ug/dscm	9.56e-6	lbs/hr	CC
Cadmium	712C2R1	ND	8.89e-1	ug/dscm	2.64e-5	lbs/hr	CC
Chromium	712C1R1		4.17e+0	ug/dscm	1.23e-4	lbs/hr	CC
Chromium	712C1R3		2.31e+0	ug/dscm	6.74e-5	lbs/hr	CC
Chromium	712C2R1		4.78e+0	ug/dscm	1.42e-4	lbs/hr	CC
Chromium (Hex)	712C1R1		2.34e+0	ug/dscm	6.91e-5	lbs/hr	CC
Chromium (Hex)	712C1R2		2.38e+0	ug/dscm	6.97e-5	lbs/hr	CC
Chromium (Hex)	712C1R3		1.73e+0	ug/dscm	5.05e-5	lbs/hr	CC
Chromium (Hex)	712C2R1	ND	5.12e-1	ug/dscm	1.52e-5	lbs/hr	CC
Lead	712C2R1		1.22e+0	ug/dscm	3.61e-5	lbs/hr	CC
Mercury	712C2R1	ND	1.36e+0	ug/dscm	4.03e-5	lbs/hr	CC
Nickel	712C1R1		2.05e+1	ug/dscm	6.05e-4	lbs/hr	CC
Nickel	712C1R3		3.16e+0	ug/dscm	9.22e-5	lbs/hr	CC
Nickel	712C2R1		4.92e+0	ug/dscm	1.46e-4	lbs/hr	CC
Selenium	712C2R1	ND	8.89e-1	ug/dscm	2.64e-5	lbs/hr	CC
Silver	712C2R1	ND	8.89e-1	ug/dscm	2.64e-5	lbs/hr	CC
Thallium	712C2R1	ND	8.89e-1	ug/dscm	2.64e-5	lbs/hr	CC

7. Category: Particulate

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate		Calc
Particulate	712C1R1		1.26e+5	ug/dscm	3.71e+0	lbs/hr	CC
Particulate	712C1R3		1.76e+5	ug/dscm	5.13e+0	lbs/hr	CC

SECTION 8: OTHER STREAM ANALYSES

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

5. Type: BA ASH

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

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Cadmium	903C1	9.50e+0	ug/g	4.35e-4	lbs/hr	CE
Cadmium	903C2	2.70e+0	ug/g	1.11e-4	lbs/hr	CE
Cadmium	903C3R1	2.30e+0	ug/g	9.15e-5	lbs/hr	CE
Cadmium	903C3R2	2.00e+0	ug/g	7.64e-5	lbs/hr	CE
Chromium	903C1	3.76e+2	ug/g	1.72e-2	lbs/hr	CE
Chromium	903C2	4.34e+2	ug/g	1.79e-2	lbs/hr	CE
Chromium	903C3R1	3.67e+2	ug/g	1.46e-2	lbs/hr	CE
Chromium	903C3R2	3.57e+2	ug/g	1.36e-2	lbs/hr	CE
Lead	903C1	2.77e+2	ug/g	1.27e-2	lbs/hr	CE
Lead	903C2	7.56e+1	ug/g	3.11e-3	lbs/hr	CE
Lead	903C3R1	9.60e+1	ug/g	3.82e-3	lbs/hr	CE
Lead	903C3R2	6.20e+1	ug/g	2.37e-3	lbs/hr	CE

7. Category: SVOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Aroclor-1242	903C1	1.33e+2	ug/g	6.09e-3	lbs/hr	CE
Aroclor-1242	903C2	9.60e+1	ug/g	3.96e-3	lbs/hr	CE
Aroclor-1242	903C3R1	5.70e+1	ug/g	2.27e-3	lbs/hr	CE
Aroclor-1242	903C3R2	1.77e+2	ug/g	6.76e-3	lbs/hr	CE
Aroclor-1254	903C1	8.40e+1	ug/g	3.85e-3	lbs/hr	CE
Aroclor-1254	903C2	3.20e+1	ug/g	1.32e-3	lbs/hr	CE
Aroclor-1254	903C3R1	4.40e+1	ug/g	1.75e-3	lbs/hr	CE
Aroclor-1254	903C3R2	6.80e+1	ug/g	2.60e-3	lbs/hr	CE

5. Type: BLOWDOWN

6. Description: LIQUOR
Group: ROTARY KILN Location: WS Phase: LIQUID

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Cadmium	903C1	1.40e-1	mg/l	2.10e-3	lbs/hr	
Cadmium	903C2	2.70e-1	mg/l	4.06e-3	lbs/hr	
Cadmium	903C3R2	7.30e-1	mg/l	1.10e-2	lbs/hr	
Chromium	903C1	1.90e+0	mg/l	2.86e-2	lbs/hr	
Chromium	903C2	1.40e+0	mg/l	2.10e-2	lbs/hr	
Chromium	903C3R2	1.30e+0	mg/l	1.95e-2	lbs/hr	
Lead	903C1	8.80e+0	mg/l	1.32e-1	lbs/hr	
Lead	903C2	5.40e+0	mg/l	8.12e-2	lbs/hr	
Lead	903C3R2	5.60e+0	mg/l	8.42e-2	lbs/hr	

7. Category: SVOC

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate		Calc
Aroclor-1242	903C1	ND	1.00e-3	mg/l	1.50e-5	lbs/hr	
Aroclor-1242	903C2	ND	1.00e-3	mg/l	1.50e-5	lbs/hr	
Aroclor-1242	903C3R1	ND	1.00e-3	mg/l	1.50e-5	lbs/hr	
Aroclor-1242	903C3R2	ND	1.00e-3	mg/l	1.50e-5	lbs/hr	
Aroclor-1254	903C1	ND	3.00e-4	mg/l	4.51e-6	lbs/hr	
Aroclor-1254	903C2	ND	3.00e-4	mg/l	4.51e-6	lbs/hr	
Aroclor-1254	903C3R1	ND	3.00e-4	mg/l	4.51e-6	lbs/hr	
Aroclor-1254	903C3R2	ND	3.00e-4	mg/l	4.51e-6	lbs/hr	

5. Type: WASTE

SECTION 8: OTHER STREAM ANALYSES

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

6. Description: SPIKED ORGANICS (PCB)
Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: SLUDGE

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Chlorine	903C1	8.52e+3	ug/g	1.30e+0	lbs/hr	CC
Chlorine	903C2	8.52e+3	ug/g	1.30e+0	lbs/hr	CC
Chlorine	903C3R2	8.49e+3	ug/g	1.30e+0	lbs/hr	CC

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Cadmium	903C1	7.40e+0	ug/g	1.13e-3	lbs/hr	CE
Cadmium	903C2	7.40e+0	ug/g	1.13e-3	lbs/hr	CE
Cadmium	903C3R2	7.40e+0	ug/g	1.13e-3	lbs/hr	CE
Chromium	903C1	1.61e+2	ug/g	2.46e-2	lbs/hr	CE
Chromium	903C2	1.61e+2	ug/g	2.46e-2	lbs/hr	CE
Chromium	903C3R2	1.61e+2	ug/g	2.46e-2	lbs/hr	CE
Lead	903C1	2.36e+2	ug/g	3.61e-2	lbs/hr	CE
Lead	903C2	2.36e+2	ug/g	3.61e-2	lbs/hr	CE
Lead	903C3R2	2.36e+2	ug/g	3.61e-2	lbs/hr	CE

7. Category: SVOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Aroclor-1242	903C1	3.48e+4	ug/g	5.32e+0	lbs/hr	CE
Aroclor-1242	903C2	3.48e+4	ug/g	5.32e+0	lbs/hr	CE
Aroclor-1242	903C3R2	3.48e+4	ug/g	5.32e+0	lbs/hr	CE
Aroclor-1254	903C1	1.11e+4	ug/g	1.70e+0	lbs/hr	CE
Aroclor-1254	903C2	1.11e+4	ug/g	1.70e+0	lbs/hr	CE
Aroclor-1254	903C3R2	1.11e+4	ug/g	1.70e+0	lbs/hr	CE

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

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Cadmium	903C3R1	7.40e+0	ug/g	1.09e-3	lbs/hr	CE
Chromium	903C3R1	1.61e+2	ug/g	2.37e-2	lbs/hr	CE
Lead	903C3R1	2.36e+2	ug/g	3.47e-2	lbs/hr	CE

7. Category: SVOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Aroclor-1242	903C3R1	4.85e+3	ug/g	7.13e-1	lbs/hr	CE
Aroclor-1254	903C3R1	1.30e+3	ug/g	1.91e-1	lbs/hr	CE

SECTION 8: OTHER STREAM ANALYSES

1. COMPANY: OCCIDENTAL CHEMICAL CORP.
2. STATE: NY
3. CITY: NIAGARA FALLS EPA ID: NYD000824482 REGION: 2
4. EP ID: 348 DEVICE NAME: SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: QC/AS/IWS

5. Type: FUEL

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

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Chlorine	348C1R1	3.00e+1 ug/g	9.90e-3 lbs/hr	CE
Chlorine	348C1R2	3.00e+1 ug/g	1.08e-2 lbs/hr	CE
Chlorine	348C1R3	3.50e+1 ug/g	1.26e-2 lbs/hr	CE

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Arsenic	348C1R1	ND 8.05e+0 ug/g	2.66e-3 lbs/hr	CE
Arsenic	348C1R2	ND 8.07e+0 ug/g	2.91e-3 lbs/hr	CE
Arsenic	348C1R3	ND 6.87e+0 ug/g	2.47e-3 lbs/hr	CE
Cadmium	348C1R1	2.28e-1 ug/g	7.52e-5 lbs/hr	CE
Cadmium	348C1R2	ND 1.40e-1 ug/g	5.04e-5 lbs/hr	CE
Cadmium	348C1R3	1.31e-1 ug/g	4.72e-5 lbs/hr	CE
Chromium	348C1R1	ND 1.58e+0 ug/g	5.21e-4 lbs/hr	CE
Chromium	348C1R2	ND 1.59e+0 ug/g	5.72e-4 lbs/hr	CE
Chromium	348C1R3	ND 1.35e+0 ug/g	4.86e-4 lbs/hr	CE
Nickel	348C1R1	1.38e+1 ug/g	4.55e-3 lbs/hr	CE
Nickel	348C1R2	1.34e+1 ug/g	4.82e-3 lbs/hr	CE
Nickel	348C1R3	1.21e+1 ug/g	4.36e-3 lbs/hr	CE

5. Type: SPIKE

6. Description: METALS (AS,CD,CR,NI)
Group: LIQUID INJECTION Location: PRIMARY CHAMBER Phase: LIQUID

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Arsenic	348C1R1	6.36e+2 ug/g	3.15e-2 lbs/hr	CE
Arsenic	348C1R2	6.48e+2 ug/g	3.24e-2 lbs/hr	CE
Arsenic	348C1R3	6.58e+2 ug/g	3.29e-2 lbs/hr	CE
Cadmium	348C1R1	2.52e+2 ug/g	1.25e-2 lbs/hr	CE
Cadmium	348C1R2	2.51e+2 ug/g	1.26e-2 lbs/hr	CE
Cadmium	348C1R3	2.52e+2 ug/g	1.26e-2 lbs/hr	CE
Chromium	348C1R1	1.15e+3 ug/g	5.70e-2 lbs/hr	CE
Chromium	348C1R2	1.16e+3 ug/g	5.79e-2 lbs/hr	CE
Chromium	348C1R3	1.16e+3 ug/g	5.79e-2 lbs/hr	CE
Nickel	348C1R1	4.76e+3 ug/g	2.36e-1 lbs/hr	CE
Nickel	348C1R2	4.78e+3 ug/g	2.39e-1 lbs/hr	CE
Nickel	348C1R3	4.79e+3 ug/g	2.39e-1 lbs/hr	CE

5. Type: WASTE

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

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Chlorine	348C1R1	6.60e+5 ug/g	1.58e+3 lbs/hr	CE
Chlorine	348C1R2	6.65e+5 ug/g	1.59e+3 lbs/hr	CE
Chlorine	348C1R3	6.78e+5 ug/g	1.63e+3 lbs/hr	CE

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Arsenic	348C1R1	ND 3.40e-1 ug/g	8.12e-4 lbs/hr	CE

1. COMPANY: OCCIDENTAL CHEMICAL CORP.
2. STATE: NY
3. CITY: NIAGARA FALLS EPA ID: NYD000824482 REGION: 2
4. EP ID: 348 DEVICE NAME: SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: QC/AS/IWS

Arsenic	348C1R2	ND	3.50e-1	ug/g	8.36e-4	lbs/hr	Œ
Arsenic	348C1R3	ND	3.70e-1	ug/g	8.90e-4	lbs/hr	Œ
Cadmium	348C1R1		1.21e+0	ug/g	2.89e-3	lbs/hr	Œ
Cadmium	348C1R2		8.48e-1	ug/g	2.03e-3	lbs/hr	Œ
Cadmium	348C1R3		5.27e-1	ug/g	1.27e-3	lbs/hr	Œ
Chromium	348C1R1		2.98e+0	ug/g	7.12e-3	lbs/hr	Œ
Chromium	348C1R2		3.25e+0	ug/g	7.76e-3	lbs/hr	Œ
Chromium	348C1R3		2.92e+0	ug/g	7.03e-3	lbs/hr	Œ
Nickel	348C1R1		3.59e+0	ug/g	8.57e-3	lbs/hr	Œ
Nickel	348C1R2		3.69e+0	ug/g	8.81e-3	lbs/hr	Œ
Nickel	348C1R3		3.57e+0	ug/g	8.59e-3	lbs/hr	Œ

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

5. Type: FF ASH

6. Description:
Group: STARVED-AIR Location: FF Phase: SOLID

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate	Calc
Chlorine	337C2R1	2.32e+4	ug/g	0.00e+0	
Chlorine	337C2R2	2.36e+4	ug/g	0.00e+0	
Chlorine	337C2R3	2.49e+4	ug/g	0.00e+0	
Chlorine	337C2R4	2.50e+4	ug/g	0.00e+0	

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate	Calc
Antimony	337C2R1	4.06e+2	ug/g	0.00e+0	
Antimony	337C2R2	3.26e+2	ug/g	0.00e+0	
Antimony	337C2R3	2.99e+2	ug/g	0.00e+0	
Antimony	337C2R4	2.76e+2	ug/g	0.00e+0	
Arsenic	337C2R1	8.70e+1	ug/g	0.00e+0	
Arsenic	337C2R2	5.96e+1	ug/g	0.00e+0	
Arsenic	337C2R3	5.75e+1	ug/g	0.00e+0	
Arsenic	337C2R4	5.89e+1	ug/g	0.00e+0	
Barium	337C2R1	5.53e+2	ug/g	0.00e+0	
Barium	337C2R2	4.31e+2	ug/g	0.00e+0	
Barium	337C2R3	3.57e+2	ug/g	0.00e+0	
Barium	337C2R4	3.39e+2	ug/g	0.00e+0	
Beryllium	337C2R1	ND 4.80e-1	ug/g	0.00e+0	
Beryllium	337C2R2	ND 1.00e-1	ug/g	0.00e+0	
Beryllium	337C2R3	ND 1.00e-1	ug/g	0.00e+0	
Beryllium	337C2R4	ND 1.00e-1	ug/g	0.00e+0	
Cadmium	337C2R1	1.30e+3	ug/g	0.00e+0	
Cadmium	337C2R2	9.48e+2	ug/g	0.00e+0	
Cadmium	337C2R3	8.42e+2	ug/g	0.00e+0	
Cadmium	337C2R4	7.49e+2	ug/g	0.00e+0	
Chromium	337C2R1	3.70e+1	ug/g	0.00e+0	
Chromium	337C2R2	3.34e+1	ug/g	0.00e+0	
Chromium	337C2R3	3.12e+1	ug/g	0.00e+0	
Chromium	337C2R4	3.01e+1	ug/g	0.00e+0	
Lead	337C2R1	2.32e+4	ug/g	0.00e+0	
Lead	337C2R2	1.70e+4	ug/g	0.00e+0	
Lead	337C2R3	1.51e+4	ug/g	0.00e+0	
Lead	337C2R4	1.29e+4	ug/g	0.00e+0	
Mercury	337C2R1	2.30e-1	ug/g	0.00e+0	
Mercury	337C2R2	2.10e-1	ug/g	0.00e+0	
Mercury	337C2R3	2.70e-1	ug/g	0.00e+0	
Mercury	337C2R4	2.40e-1	ug/g	0.00e+0	
Silver	337C2R1	2.19e+1	ug/g	0.00e+0	
Silver	337C2R2	1.69e+1	ug/g	0.00e+0	
Silver	337C2R3	1.65e+1	ug/g	0.00e+0	
Silver	337C2R4	1.53e+1	ug/g	0.00e+0	
Thallium	337C2R1	6.20e-1	ug/g	0.00e+0	
Thallium	337C2R2	4.40e-1	ug/g	0.00e+0	
Thallium	337C2R3	3.70e-1	ug/g	0.00e+0	
Thallium	337C2R4	3.00e-1	ug/g	0.00e+0	

5. Type: SPIKE

6. Description: ORGANICS (DNT,NC)/METALS (AS,CD,CR,PB,SB)
Group: STARVED-AIR Location: PRIMARY CHAMBER Phase: SOLID

7. Category: SVOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
2,4-Dinitrotoluene	337C2R1	1.99e+5	ug/g	1.73e+1	lbs/hr	CC
2,4-Dinitrotoluene	337C2R2	1.99e+5	ug/g	1.93e+1	lbs/hr	CC

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

2,4-Dinitrotoluene	337C2R3		1.99e+5	ug/g	1.66e+1	lbs/hr	CC
2,4-Dinitrotoluene	337C2R4		1.99e+5	ug/g	1.94e+1	lbs/hr	CC
Nitroglycerine	337C2R1		8.01e+5	ug/g	6.95e+1	lbs/hr	CC
Nitroglycerine	337C2R2		8.01e+5	ug/g	7.80e+1	lbs/hr	CC
Nitroglycerine	337C2R3		8.01e+5	ug/g	6.67e+1	lbs/hr	CC
Nitroglycerine	337C2R4		8.01e+5	ug/g	7.80e+1	lbs/hr	CC

5. Type: WASTE

6. Description: REFUSE DERIVED FUEL
Group: STARVED-AIR Location: PRIMARY CHAMBER Phase: SOLID

7. Category: Halogens

Analysis:

8. Substance	9. Run ID		Concentration		Mass Rate		Calc
Chlorine	337C2R1		6.54e+2	ug/g	9.88e-1	lbs/hr	CE
Chlorine	337C2R2		4.18e+2	ug/g	5.94e-1	lbs/hr	CE
Chlorine	337C2R3		9.72e+2	ug/g	1.59e+0	lbs/hr	CE
Chlorine	337C2R4		4.95e+2	ug/g	7.38e-1	lbs/hr	CE

7. Category: Metals

Analysis:

8. Substance	9. Run ID		Concentration		Mass Rate		Calc
Antimony	337C1R1		1.55e+1	ug/g	2.39e-2	lbs/hr	CE
Antimony	337C1R2		8.30e+0	ug/g	1.28e-2	lbs/hr	CE
Antimony	337C1R3	ND	4.60e+0	ug/g	7.09e-3	lbs/hr	CE
Antimony	337C1R4		6.70e+0	ug/g	1.03e-2	lbs/hr	CE
Antimony	337C2R1	ND	4.60e+0	ug/g	6.95e-3	lbs/hr	CE
Antimony	337C2R2	ND	4.65e+2	ug/g	6.61e-1	lbs/hr	CE
Antimony	337C2R3	ND	4.61e+1	ug/g	7.56e-2	lbs/hr	CE
Antimony	337C2R4	ND	4.65e+1	ug/g	6.93e-2	lbs/hr	CE
Arsenic	337C1R1		1.80e+0	ug/g	2.77e-3	lbs/hr	CE
Arsenic	337C1R2		7.80e-1	ug/g	1.20e-3	lbs/hr	CE
Arsenic	337C1R3		9.00e-1	ug/g	1.39e-3	lbs/hr	CE
Arsenic	337C1R4		2.30e+0	ug/g	3.54e-3	lbs/hr	CE
Arsenic	337C2R1		6.80e-1	ug/g	1.03e-3	lbs/hr	CE
Arsenic	337C2R2		1.50e+0	ug/g	2.13e-3	lbs/hr	CE
Arsenic	337C2R3		1.70e+0	ug/g	2.79e-3	lbs/hr	CE
Arsenic	337C2R4		4.50e+0	ug/g	6.71e-3	lbs/hr	CE
Barium	337C1R1		2.05e+1	ug/g	3.16e-2	lbs/hr	CE
Barium	337C1R2		4.61e+1	ug/g	7.10e-2	lbs/hr	CE
Barium	337C1R3		5.96e+1	ug/g	9.18e-2	lbs/hr	CE
Barium	337C1R4		3.99e+1	ug/g	6.15e-2	lbs/hr	CE
Barium	337C2R1		3.01e+1	ug/g	4.55e-2	lbs/hr	CE
Barium	337C2R2		4.68e+1	ug/g	6.65e-2	lbs/hr	CE
Barium	337C2R3		6.77e+1	ug/g	1.11e-1	lbs/hr	CE
Barium	337C2R4		9.64e+1	ug/g	1.44e-1	lbs/hr	CE
Beryllium	337C1R1		1.80e-1	ug/g	2.77e-4	lbs/hr	CE
Beryllium	337C1R2		7.20e-1	ug/g	1.11e-3	lbs/hr	CE
Beryllium	337C1R3		1.20e-1	ug/g	1.85e-4	lbs/hr	CE
Beryllium	337C1R4	ND	1.00e-1	ug/g	1.54e-4	lbs/hr	CE
Beryllium	337C2R1	ND	1.00e-1	ug/g	1.51e-4	lbs/hr	CE
Beryllium	337C2R2		1.70e+0	ug/g	2.42e-3	lbs/hr	CE
Beryllium	337C2R3		5.30e+0	ug/g	8.69e-3	lbs/hr	CE
Beryllium	337C2R4		2.70e+0	ug/g	4.02e-3	lbs/hr	CE
Cadmium	337C1R1		1.10e+0	ug/g	1.70e-3	lbs/hr	CE
Cadmium	337C1R2		3.30e+0	ug/g	5.09e-3	lbs/hr	CE
Cadmium	337C1R3		2.52e+1	ug/g	3.88e-2	lbs/hr	CE
Cadmium	337C1R4		4.80e+0	ug/g	7.40e-3	lbs/hr	CE
Cadmium	337C2R1		1.50e+0	ug/g	2.27e-3	lbs/hr	CE
Cadmium	337C2R2	ND	5.00e+0	ug/g	7.11e-3	lbs/hr	CE
Cadmium	337C2R3	ND	4.90e+0	ug/g	8.03e-3	lbs/hr	CE
Cadmium	337C2R4	ND	5.00e+0	ug/g	7.45e-3	lbs/hr	CE
Chromium	337C1R1		9.70e+0	ug/g	1.49e-2	lbs/hr	CE
Chromium	337C1R2		2.36e+1	ug/g	3.64e-2	lbs/hr	CE
Chromium	337C1R3		2.35e+1	ug/g	3.62e-2	lbs/hr	CE
Chromium	337C1R4		1.14e+1	ug/g	1.76e-2	lbs/hr	CE
Chromium	337C2R1		2.18e+1	ug/g	3.29e-2	lbs/hr	CE
Chromium	337C2R2		2.83e+1	ug/g	4.02e-2	lbs/hr	CE

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

Chromium	337C2R3		3.20e+1	ug/g	5.24e-2	lbs/hr	CE
Chromium	337C2R4		3.51e+1	ug/g	5.23e-2	lbs/hr	CE
Lead	337C1R1		6.14e+1	ug/g	9.46e-2	lbs/hr	CE
Lead	337C1R2		9.97e+2	ug/g	1.54e+0	lbs/hr	CE
Lead	337C1R3		9.61e+1	ug/g	1.48e-1	lbs/hr	CE
Lead	337C1R4		1.58e+2	ug/g	2.43e-1	lbs/hr	CE
Lead	337C2R1		1.91e+2	ug/g	2.89e-1	lbs/hr	CE
Lead	337C2R2		2.34e+2	ug/g	3.33e-1	lbs/hr	CE
Lead	337C2R3		3.65e+2	ug/g	5.98e-1	lbs/hr	CE
Lead	337C2R4		6.01e+2	ug/g	8.95e-1	lbs/hr	CE
Mercury	337C1R1	ND	1.00e-1	ug/g	1.54e-4	lbs/hr	CE
Mercury	337C1R2		3.30e-1	ug/g	5.09e-4	lbs/hr	CE
Mercury	337C1R3		1.20e+0	ug/g	1.85e-3	lbs/hr	CE
Mercury	337C1R4		3.30e-1	ug/g	5.09e-4	lbs/hr	CE
Mercury	337C2R1		3.40e-1	ug/g	5.14e-4	lbs/hr	CE
Mercury	337C2R2		2.70e-1	ug/g	3.84e-4	lbs/hr	CE
Mercury	337C2R3		3.40e-1	ug/g	5.57e-4	lbs/hr	CE
Mercury	337C2R4		4.70e-1	ug/g	7.00e-4	lbs/hr	CE
Silver	337C1R1		1.10e+0	ug/g	1.70e-3	lbs/hr	CE
Silver	337C1R2	ND	4.00e-1	ug/g	6.16e-4	lbs/hr	CE
Silver	337C1R3	ND	3.90e-1	ug/g	6.01e-4	lbs/hr	CE
Silver	337C1R4		4.20e-1	ug/g	6.47e-4	lbs/hr	CE
Silver	337C2R1		4.00e-1	ug/g	6.04e-4	lbs/hr	CE
Silver	337C2R2	ND	4.00e+0	ug/g	5.69e-3	lbs/hr	CE
Silver	337C2R3	ND	3.90e+0	ug/g	6.39e-3	lbs/hr	CE
Silver	337C2R4	ND	4.00e+0	ug/g	5.96e-3	lbs/hr	CE
Thallium	337C1R1	ND	1.00e-1	ug/g	1.54e-4	lbs/hr	CE
Thallium	337C1R2	ND	1.00e-1	ug/g	1.54e-4	lbs/hr	CE
Thallium	337C1R3	ND	1.00e-1	ug/g	1.54e-4	lbs/hr	CE
Thallium	337C1R4	ND	1.00e-1	ug/g	1.54e-4	lbs/hr	CE
Thallium	337C2R1	ND	2.90e-1	ug/g	4.38e-4	lbs/hr	CE
Thallium	337C2R2	ND	2.80e-1	ug/g	3.98e-4	lbs/hr	CE
Thallium	337C2R3	ND	3.00e-1	ug/g	4.92e-4	lbs/hr	CE
Thallium	337C2R4	ND	2.70e-1	ug/g	4.02e-4	lbs/hr	CE

SECTION 8: OTHER STREAM ANALYSES

1. COMPANY: OLIN CHEMICALS
2. STATE: LA
3. CITY: LAKE CHARLES EPA LAD008080681 REGION: 6
4. EP ID: 714 DEVICE NAME: INCINERATOR SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: WS

5. Type: WASTE

6. Description: TDI,SPIKED ORGANICS (CCL4)
Group: LIQUID INJECTION Location: PRIMARY CHAMBER Phase: LIQUID

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Chlorine	714C1R1	1.13e+5	ug/g	3.58e+2	lbs/hr	CE
Chlorine	714C1R2	9.24e+4	ug/g	3.34e+2	lbs/hr	CE
Chlorine	714C1R3	1.11e+5	ug/g	3.69e+2	lbs/hr	CE
Chlorine	714C2R1	1.17e+5	ug/g	4.50e+2	lbs/hr	CE
Chlorine	714C2R2	8.49e+4	ug/g	3.55e+2	lbs/hr	CE
Chlorine	714C2R3	1.11e+5	ug/g	4.66e+2	lbs/hr	CE
Chlorine	714C3R1	8.38e+4	ug/g	2.75e+2	lbs/hr	CE
Chlorine	714C3R2	8.51e+4	ug/g	3.51e+2	lbs/hr	CE
Chlorine	714C3R3	8.87e+4	ug/g	3.16e+2	lbs/hr	CE
Chlorine	714C4R1	8.61e+4	ug/g	1.27e+2	lbs/hr	CE
Chlorine	714C4R2	8.05e+4	ug/g	1.74e+2	lbs/hr	CE
Chlorine	714C4R3	8.72e+4	ug/g	1.85e+2	lbs/hr	CE
Chlorine	714C5R1	9.98e+4	ug/g	3.92e+2	lbs/hr	CE
Chlorine	714C5R2	1.00e+5	ug/g	4.26e+2	lbs/hr	CE
Chlorine	714C5R3	1.07e+5	ug/g	4.67e+2	lbs/hr	CE

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Carbon Tetrachloride	714C1R1	1.12e+4	ug/g	3.56e+1	lbs/hr	CE
Carbon Tetrachloride	714C1R2	1.12e+4	ug/g	4.04e+1	lbs/hr	CE
Carbon Tetrachloride	714C1R3	1.20e+4	ug/g	4.00e+1	lbs/hr	CE
Carbon Tetrachloride	714C2R1	1.20e+4	ug/g	4.62e+1	lbs/hr	CE
Carbon Tetrachloride	714C2R2	1.12e+4	ug/g	4.68e+1	lbs/hr	CE
Carbon Tetrachloride	714C2R3	1.12e+4	ug/g	4.69e+1	lbs/hr	CE
Carbon Tetrachloride	714C3R1	9.60e+3	ug/g	3.15e+1	lbs/hr	CE
Carbon Tetrachloride	714C3R2	1.04e+4	ug/g	4.28e+1	lbs/hr	CE
Carbon Tetrachloride	714C3R3	9.60e+3	ug/g	3.42e+1	lbs/hr	CE
Carbon Tetrachloride	714C4R1	8.80e+3	ug/g	1.30e+1	lbs/hr	CE
Carbon Tetrachloride	714C4R2	9.60e+3	ug/g	2.07e+1	lbs/hr	CE
Carbon Tetrachloride	714C4R3	1.12e+4	ug/g	2.37e+1	lbs/hr	CE
Carbon Tetrachloride	714C5R1	1.12e+4	ug/g	4.40e+1	lbs/hr	CE
Carbon Tetrachloride	714C5R2	1.12e+4	ug/g	4.76e+1	lbs/hr	CE
Carbon Tetrachloride	714C5R3	1.13e+4	ug/g	4.95e+1	lbs/hr	CE
Chlorobenzene	714C1R1	3.28e+5	ug/g	1.04e+3	lbs/hr	CE
Chlorobenzene	714C1R2	3.19e+5	ug/g	1.15e+3	lbs/hr	CE
Chlorobenzene	714C1R3	3.36e+5	ug/g	1.12e+3	lbs/hr	CE
Chlorobenzene	714C2R1	3.51e+5	ug/g	1.35e+3	lbs/hr	CE
Chlorobenzene	714C2R2	3.66e+5	ug/g	1.53e+3	lbs/hr	CE
Chlorobenzene	714C2R3	3.51e+5	ug/g	1.47e+3	lbs/hr	CE
Chlorobenzene	714C3R1	2.64e+5	ug/g	8.66e+2	lbs/hr	CE
Chlorobenzene	714C3R2	2.81e+5	ug/g	1.16e+3	lbs/hr	CE
Chlorobenzene	714C3R3	2.73e+5	ug/g	9.72e+2	lbs/hr	CE
Chlorobenzene	714C4R1	2.81e+5	ug/g	4.16e+2	lbs/hr	CE
Chlorobenzene	714C4R2	2.65e+5	ug/g	5.72e+2	lbs/hr	CE
Chlorobenzene	714C4R3	2.97e+5	ug/g	6.30e+2	lbs/hr	CE
Chlorobenzene	714C5R1	3.36e+5	ug/g	1.32e+3	lbs/hr	CE
Chlorobenzene	714C5R2	3.14e+5	ug/g	1.33e+3	lbs/hr	CE
Chlorobenzene	714C5R3	3.38e+5	ug/g	1.48e+3	lbs/hr	CE

6. Description: T-101,SPIKED ORGANICS (CB)
Group: LIQUID INJECTION Location: PRIMARY CHAMBER Phase: LIQUID

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Chlorine	714C1R1	6.10e+5	ug/g	1.80e+2	lbs/hr	CE
Chlorine	714C1R2	6.65e+5	ug/g	2.26e+2	lbs/hr	CE
Chlorine	714C1R3	6.64e+5	ug/g	2.31e+2	lbs/hr	CE
Chlorine	714C5R1	6.37e+5	ug/g	1.62e+2	lbs/hr	CE
Chlorine	714C5R2	5.62e+5	ug/g	1.56e+2	lbs/hr	CE
Chlorine	714C5R3	6.37e+5	ug/g	2.29e+2	lbs/hr	CE

1. COMPANY: OLIN CHEMICALS
2. STATE: LA
3. CITY: LAKE CHARLES EPA ID: LAD008080681 REGION: 6
4. EP ID: 714 DEVICE NAME: INCINERATOR SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: WS

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
1,1,2-Trichloroethane	714C1R1	7.19e+4	ug/g	2.12e+1	lbs/hr	CE
1,1,2-Trichloroethane	714C1R2	5.36e+4	ug/g	1.82e+1	lbs/hr	CE
1,1,2-Trichloroethane	714C1R3	7.72e+4	ug/g	2.69e+1	lbs/hr	CE
1,1,2-Trichloroethane	714C5R1	6.88e+4	ug/g	1.75e+1	lbs/hr	CE
1,1,2-Trichloroethane	714C5R2	8.71e+4	ug/g	2.41e+1	lbs/hr	CE
1,1,2-Trichloroethane	714C5R3	1.35e+4	ug/g	4.86e+0	lbs/hr	CE
1,2-Dichloroethane	714C1R1	7.19e+4	ug/g	2.12e+1	lbs/hr	CE
1,2-Dichloroethane	714C1R2	6.03e+5	ug/g	2.05e+2	lbs/hr	CE
1,2-Dichloroethane	714C1R3	5.75e+5	ug/g	2.00e+2	lbs/hr	CE
1,2-Dichloroethane	714C5R1	5.61e+5	ug/g	1.43e+2	lbs/hr	CE
1,2-Dichloroethane	714C5R2	7.26e+5	ug/g	2.01e+2	lbs/hr	CE
1,2-Dichloroethane	714C5R3	1.45e+5	ug/g	5.22e+1	lbs/hr	CE

SECTION 8: OTHER STREAM ANALYSES

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

5. Type: BLOWDOWN

6. Description: SCRUBBER
Group: LIQUID INJECTION Location: VS Phase: LIQUID

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Arsenic	824C1R1	2.70e-1	mg/l	2.90e-2	lbs/hr	
Arsenic	824C1R2	2.70e-1	mg/l	2.94e-2	lbs/hr	
Arsenic	824C1R3	2.60e-1	mg/l	2.75e-2	lbs/hr	
Barium	824C1R1	3.50e-1	mg/l	3.76e-2	lbs/hr	
Barium	824C1R2	3.10e-2	mg/l	3.38e-3	lbs/hr	
Barium	824C1R3	3.30e-2	mg/l	3.50e-3	lbs/hr	
Beryllium	824C1R1	ND 2.00e-3	mg/l	2.15e-4	lbs/hr	
Beryllium	824C1R2	ND 2.00e-3	mg/l	2.18e-4	lbs/hr	
Beryllium	824C1R3	ND 2.00e-3	mg/l	2.12e-4	lbs/hr	
Cadmium	824C1R1	7.00e-3	mg/l	7.53e-4	lbs/hr	
Cadmium	824C1R2	1.30e-2	mg/l	1.42e-3	lbs/hr	
Cadmium	824C1R3	7.00e-3	mg/l	7.41e-4	lbs/hr	
Chromium	824C1R1	9.50e-2	mg/l	1.02e-2	lbs/hr	
Chromium	824C1R2	1.10e-1	mg/l	1.20e-2	lbs/hr	
Chromium	824C1R3	1.10e-1	mg/l	1.17e-2	lbs/hr	
Lead	824C1R1	1.60e-1	mg/l	1.72e-2	lbs/hr	
Lead	824C1R2	3.90e-1	mg/l	4.25e-2	lbs/hr	
Lead	824C1R3	3.00e-1	mg/l	3.18e-2	lbs/hr	
Mercury	824C1R1	ND 1.20e-3	mg/l	1.29e-4	lbs/hr	
Mercury	824C1R2	ND 1.20e-3	mg/l	1.31e-4	lbs/hr	
Mercury	824C1R3	ND 1.20e-3	mg/l	1.27e-4	lbs/hr	
Nickel	824C1R1	ND 3.10e-2	mg/l	3.33e-3	lbs/hr	
Nickel	824C1R2	ND 3.10e-2	mg/l	3.38e-3	lbs/hr	
Nickel	824C1R3	ND 3.10e-2	mg/l	3.28e-3	lbs/hr	
Selenium	824C1R1	ND 2.00e-3	mg/l	2.15e-4	lbs/hr	
Selenium	824C1R2	ND 2.00e-3	mg/l	2.18e-4	lbs/hr	
Selenium	824C1R3	ND 2.00e-3	mg/l	2.12e-4	lbs/hr	
Silver	824C1R1	ND 6.00e-3	mg/l	6.45e-4	lbs/hr	
Silver	824C1R2	ND 6.00e-3	mg/l	6.54e-4	lbs/hr	
Silver	824C1R3	ND 6.00e-3	mg/l	6.35e-4	lbs/hr	

5. Type: WASTE

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

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Chlorine	824C1R1	1.31e+5	ug/g	1.44e+1	lbs/hr	CE
Chlorine	824C1R2	1.80e+5	ug/g	2.12e+1	lbs/hr	CE
Chlorine	824C1R3	2.02e+5	ug/g	2.81e+1	lbs/hr	CE
Fluorine	824C1R1	3.13e+5	ug/g	3.44e+1	lbs/hr	CE
Fluorine	824C1R2	2.86e+5	ug/g	3.37e+1	lbs/hr	CE
Fluorine	824C1R3	2.70e+5	ug/g	3.75e+1	lbs/hr	CE

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Arsenic	824C1R1	4.80e+0	ug/g	5.28e-4	lbs/hr	CE
Arsenic	824C1R2	6.20e+0	ug/g	7.32e-4	lbs/hr	CE
Arsenic	824C1R3	7.60e+0	ug/g	1.06e-3	lbs/hr	CE
Barium	824C1R1	6.10e-1	ug/g	6.71e-5	lbs/hr	CE
Barium	824C1R2	8.00e-1	ug/g	9.44e-5	lbs/hr	CE
Barium	824C1R3	8.00e-1	ug/g	1.11e-4	lbs/hr	CE
Beryllium	824C1R1	ND 2.00e-2	ug/g	2.20e-6	lbs/hr	CE
Beryllium	824C1R2	ND 2.00e-2	ug/g	2.36e-6	lbs/hr	CE
Beryllium	824C1R3	ND 1.00e-2	ug/g	1.39e-6	lbs/hr	CE

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

Cadmium	824C1R1	ND	3.00e-2	ug/g	3.30e-6	lbs/hr	CE
Cadmium	824C1R2	ND	2.00e-2	ug/g	2.36e-6	lbs/hr	CE
Cadmium	824C1R3	ND	2.00e-2	ug/g	2.78e-6	lbs/hr	CE
Chromium	824C1R1		1.50e-1	ug/g	1.65e-5	lbs/hr	CE
Chromium	824C1R2		9.00e-2	ug/g	1.06e-5	lbs/hr	CE
Chromium	824C1R3		8.00e-2	ug/g	1.11e-5	lbs/hr	CE
Lead	824C1R1	ND	4.70e-1	ug/g	5.17e-5	lbs/hr	CE
Lead	824C1R2	ND	4.10e-1	ug/g	4.84e-5	lbs/hr	CE
Lead	824C1R3	ND	3.30e-1	ug/g	4.59e-5	lbs/hr	CE
Mercury	824C1R1		1.00e-2	ug/g	1.10e-6	lbs/hr	CE
Mercury	824C1R2	ND	1.00e-2	ug/g	1.18e-6	lbs/hr	CE
Mercury	824C1R3	ND	1.00e-2	ug/g	1.39e-6	lbs/hr	CE
Nickel	824C1R1	ND	2.80e-1	ug/g	3.08e-5	lbs/hr	CE
Nickel	824C1R2	ND	2.50e-1	ug/g	2.95e-5	lbs/hr	CE
Nickel	824C1R3	ND	2.00e-2	ug/g	2.78e-6	lbs/hr	CE
Selenium	824C1R1	ND	2.00e-2	ug/g	2.20e-6	lbs/hr	CE
Selenium	824C1R2	ND	2.00e-2	ug/g	2.36e-6	lbs/hr	CE
Selenium	824C1R3	ND	1.00e-2	ug/g	1.39e-6	lbs/hr	CE
Silver	824C1R1		1.20e-1	ug/g	1.32e-5	lbs/hr	CE
Silver	824C1R2		1.40e-1	ug/g	1.65e-5	lbs/hr	CE
Silver	824C1R3		3.10e-1	ug/g	4.31e-5	lbs/hr	CE

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
1,1,1-Dichlorofluoroethane	824C1R1	3.51e+4	ug/g	3.86e+0	lbs/hr	CE
1,1,1-Dichlorofluoroethane	824C1R2	4.26e+4	ug/g	5.03e+0	lbs/hr	CE
1,1,1-Dichlorofluoroethane	824C1R3	4.55e+4	ug/g	6.32e+0	lbs/hr	CE

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

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Chlorine	824C1R1	4.90e+3	ug/g	3.23e+0	lbs/hr	CE
Chlorine	824C1R2	6.00e+3	ug/g	3.96e+0	lbs/hr	CE
Chlorine	824C1R3	4.70e+3	ug/g	3.10e+0	lbs/hr	CE
Fluorine	824C1R1	6.67e+5	ug/g	4.40e+2	lbs/hr	CE
Fluorine	824C1R2	6.16e+5	ug/g	4.07e+2	lbs/hr	CE
Fluorine	824C1R3	6.50e+5	ug/g	4.29e+2	lbs/hr	CE

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Arsenic	824C1R1	4.20e+1	ug/g	2.77e-2	lbs/hr	CE
Arsenic	824C1R2	3.90e+1	ug/g	2.57e-2	lbs/hr	CE
Arsenic	824C1R3	3.50e+1	ug/g	2.31e-2	lbs/hr	CE
Barium	824C1R1	1.10e+0	ug/g	7.26e-4	lbs/hr	CE
Barium	824C1R2	1.50e+0	ug/g	9.90e-4	lbs/hr	CE
Barium	824C1R3	9.00e-1	ug/g	5.94e-4	lbs/hr	CE
Beryllium	824C1R1	ND	2.30e-2	ug/g	1.52e-5	lbs/hr	CE
Beryllium	824C1R2	ND	2.30e-2	ug/g	1.52e-5	lbs/hr	CE
Beryllium	824C1R3	ND	2.60e-2	ug/g	1.72e-5	lbs/hr	CE
Cadmium	824C1R1		2.70e-1	ug/g	1.78e-4	lbs/hr	CE
Cadmium	824C1R2	ND	5.00e-2	ug/g	3.30e-5	lbs/hr	CE
Cadmium	824C1R3	ND	5.60e-2	ug/g	3.70e-5	lbs/hr	CE
Chromium	824C1R1		2.10e+1	ug/g	1.39e-2	lbs/hr	CE
Chromium	824C1R2		2.30e+1	ug/g	1.52e-2	lbs/hr	CE
Chromium	824C1R3		3.20e+1	ug/g	2.11e-2	lbs/hr	CE
Lead	824C1R1		2.80e+0	ug/g	1.85e-3	lbs/hr	CE
Lead	824C1R2		3.30e+0	ug/g	2.18e-3	lbs/hr	CE
Lead	824C1R3		1.90e+0	ug/g	1.25e-3	lbs/hr	CE
Mercury	824C1R1		3.00e-2	ug/g	1.98e-5	lbs/hr	CE
Mercury	824C1R2		3.00e-2	ug/g	1.98e-5	lbs/hr	CE

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

Mercury	824C1R3		5.00e-2	ug/g	3.30e-5	lbs/hr	CE
Nickel	824C1R1		5.40e+1	ug/g	3.56e-2	lbs/hr	CE
Nickel	824C1R2		5.80e+1	ug/g	3.83e-2	lbs/hr	CE
Nickel	824C1R3		8.70e+1	ug/g	5.74e-2	lbs/hr	CE
Selenium	824C1R1	ND	2.90e-2	ug/g	1.91e-5	lbs/hr	CE
Selenium	824C1R2	ND	2.80e-2	ug/g	1.85e-5	lbs/hr	CE
Selenium	824C1R3	ND	3.20e-2	ug/g	2.11e-5	lbs/hr	CE
Silver	824C1R1		4.50e-1	ug/g	2.97e-4	lbs/hr	CE
Silver	824C1R2		5.70e-1	ug/g	3.76e-4	lbs/hr	CE
Silver	824C1R3		6.90e-1	ug/g	4.55e-4	lbs/hr	CE

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
1,1,1-Dichlorofluoroethane	824C1R1	2.63e+4	ug/g	1.74e+1	lbs/hr	CE
1,1,1-Dichlorofluoroethane	824C1R2	3.75e+4	ug/g	2.48e+1	lbs/hr	CE
1,1,1-Dichlorofluoroethane	824C1R3	3.79e+4	ug/g	2.50e+1	lbs/hr	CE

SECTION 8: OTHER STREAM ANALYSES

1. COMPANY: PFIZER, INC.
2. STATE: CT
3. CITY: GROTON EPA CTD001147495 REGION: 1
4. EP ID: 502 DEVICE NAME: UNITS 101/102 SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: WHB/QC/PBC/VS/ES

5. Type: BA ASH

6. Description: CHAR
Group: ROTARY HEARTH Location: CHAR CONTAINER Phase: SOLID

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate	Calc
Antimony	502C1R1	ND	1.50e+0	ppmv	0.00e+0	
Antimony	502C1R2	ND	1.50e+0	ppmv	0.00e+0	
Antimony	502C1R3	ND	1.50e+0	ppmv	0.00e+0	
Arsenic	502C1R1	ND	1.50e+0	ppmv	0.00e+0	
Arsenic	502C1R2	ND	1.50e+0	ppmv	0.00e+0	
Arsenic	502C1R3	ND	1.50e+0	ppmv	0.00e+0	
Barium	502C1R1		3.10e+0	ppmv	0.00e+0	
Barium	502C1R2		2.90e+0	ppmv	0.00e+0	
Barium	502C1R3		2.80e+0	ppmv	0.00e+0	
Beryllium	502C1R1		3.50e-1	ppmv	0.00e+0	
Beryllium	502C1R2		2.60e-1	ppmv	0.00e+0	
Beryllium	502C1R3		2.50e-1	ppmv	0.00e+0	
Cadmium	502C1R1		1.00e+1	ppmv	0.00e+0	
Cadmium	502C1R2		6.70e+0	ppmv	0.00e+0	
Cadmium	502C1R3		6.70e+0	ppmv	0.00e+0	
Chromium	502C1R1		1.45e+1	ppmv	0.00e+0	
Chromium	502C1R2		1.01e+1	ppmv	0.00e+0	
Chromium	502C1R3		8.70e+0	ppmv	0.00e+0	
Lead	502C1R1		1.70e+0	ppmv	0.00e+0	
Lead	502C1R2	ND	1.50e+0	ppmv	0.00e+0	
Lead	502C1R3	ND	1.50e+0	ppmv	0.00e+0	
Mercury	502C1R1	ND	2.00e-2	ppmv	0.00e+0	
Mercury	502C1R2	ND	2.00e-2	ppmv	0.00e+0	
Mercury	502C1R3	ND	2.00e-2	ppmv	0.00e+0	
Silver	502C1R1	ND	2.50e-1	ppmv	0.00e+0	
Silver	502C1R2	ND	2.50e-1	ppmv	0.00e+0	
Silver	502C1R3	ND	2.50e-1	ppmv	0.00e+0	
Thallium	502C1R1	ND	1.50e+0	ppmv	0.00e+0	
Thallium	502C1R2	ND	1.50e+0	ppmv	0.00e+0	
Thallium	502C1R3	ND	1.50e+0	ppmv	0.00e+0	

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate	Calc
Carbon Tetrachloride	502C1R1	ND	2.50e-1	ppmv	0.00e+0	
Carbon Tetrachloride	502C1R2		2.70e-1	ppmv	0.00e+0	
Carbon Tetrachloride	502C1R3	ND	2.50e-2	ppmv	0.00e+0	
Chlorobenzene	502C1R1		1.60e-2	ppmv	0.00e+0	
Chlorobenzene	502C1R2		1.60e-1	ppmv	0.00e+0	
Chlorobenzene	502C1R3		1.80e-2	ppmv	0.00e+0	

5. Type: BLOWDOWN

6. Description: CONDENSER PURGE
Group: ROTARY HEARTH Location: PACKED BED CONDENSER Phase: LIQUID

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate	Calc
Carbon Tetrachloride	502C1R1		5.00e-3	mg/l	0.00e+0	
Carbon Tetrachloride	502C1R2		5.00e-3	mg/l	0.00e+0	
Carbon Tetrachloride	502C1R3		4.00e-3	mg/l	0.00e+0	
Chlorobenzene	502C1R1	ND	5.00e-3	mg/l	0.00e+0	
Chlorobenzene	502C1R2	ND	5.00e-3	mg/l	0.00e+0	
Chlorobenzene	502C1R3	ND	5.00e-3	mg/l	0.00e+0	

6. Description: SCRUBBER
Group: ROTARY HEARTH Location: VENTURI SCRUBBER Phase: LIQUID

SECTION 8: OTHER STREAM ANALYSES

1. COMPANY: PFIZER, INC.
2. STATE: CT
3. CITY: GROTON EPA ID: CTD001147495 REGION: 1
4. EP ID: 502 DEVICE NAME: UNITS 101/102 SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: WHB/QC/PBC/VS/ES

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate	Calc
Carbon Tetrachloride	502C1R1		4.00e-3	mg/l	0.00e+0	
Carbon Tetrachloride	502C1R2		4.00e-3	mg/l	0.00e+0	
Carbon Tetrachloride	502C1R3		4.00e-3	mg/l	0.00e+0	
Chlorobenzene	502C1R1	ND	5.00e-3	mg/l	0.00e+0	
Chlorobenzene	502C1R2	ND	5.00e-3	mg/l	0.00e+0	
Chlorobenzene	502C1R3	ND	5.00e-3	mg/l	0.00e+0	

5. Type: FUEL

6. Description: OIL
Group: ROTARY HEARTH Location: ALL CHAMBERS Phase: LIQUID

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate	Calc
Chlorine	502C1R1		2.80e+1	ug/g	0.00e+0	
Chlorine	502C1R2		2.50e+1	ug/g	0.00e+0	
Chlorine	502C1R3		9.00e+0	ug/g	0.00e+0	

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate	Calc
Antimony	502C1R1	ND	3.00e-1	ug/g	0.00e+0	
Antimony	502C1R2	ND	3.00e-1	ug/g	0.00e+0	
Antimony	502C1R3	ND	3.00e-1	ug/g	0.00e+0	
Arsenic	502C1R1	ND	3.00e-1	ug/g	0.00e+0	
Arsenic	502C1R2	ND	3.00e-1	ug/g	0.00e+0	
Arsenic	502C1R3	ND	3.00e-1	ug/g	0.00e+0	
Barium	502C1R1		2.00e-2	ug/g	0.00e+0	
Barium	502C1R2		2.00e-2	ug/g	0.00e+0	
Barium	502C1R3		7.00e-2	ug/g	0.00e+0	
Beryllium	502C1R1	ND	1.00e-2	ug/g	0.00e+0	
Beryllium	502C1R2	ND	1.00e-2	ug/g	0.00e+0	
Beryllium	502C1R3	ND	1.00e-2	ug/g	0.00e+0	
Cadmium	502C1R1	ND	5.00e-2	ug/g	0.00e+0	
Cadmium	502C1R2		1.50e-1	ug/g	0.00e+0	
Cadmium	502C1R3	ND	5.00e-2	ug/g	0.00e+0	
Chromium	502C1R1	ND	1.00e-1	ug/g	0.00e+0	
Chromium	502C1R2		2.00e-1	ug/g	0.00e+0	
Chromium	502C1R3	ND	1.00e-1	ug/g	0.00e+0	
Lead	502C1R1	ND	3.00e-1	ug/g	0.00e+0	
Lead	502C1R2	ND	3.00e-1	ug/g	0.00e+0	
Lead	502C1R3	ND	3.00e-1	ug/g	0.00e+0	
Silver	502C1R1	ND	5.00e-2	ug/g	0.00e+0	
Silver	502C1R2	ND	5.00e-2	ug/g	0.00e+0	
Silver	502C1R3	ND	5.00e-2	ug/g	0.00e+0	
Thallium	502C1R1	ND	3.00e-1	ug/g	0.00e+0	
Thallium	502C1R2	ND	3.00e-1	ug/g	0.00e+0	
Thallium	502C1R3	ND	3.00e-1	ug/g	0.00e+0	

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate	Calc
Carbon Tetrachloride	502C1R1	ND	5.00e+1	ug/g	0.00e+0	
Carbon Tetrachloride	502C1R2	ND	1.00e+2	ug/g	0.00e+0	
Carbon Tetrachloride	502C1R3	ND	1.00e+2	ug/g	0.00e+0	
Chlorobenzene	502C1R1	ND	5.00e+1	ug/g	0.00e+0	
Chlorobenzene	502C1R2	ND	1.00e+2	ug/g	0.00e+0	
Chlorobenzene	502C1R3	ND	1.00e+2	ug/g	0.00e+0	

1. COMPANY: PFIZER, INC.
2. STATE: CT
3. CITY: GROTON EPA ID: CTD001147495 REGION: 1
4. EP ID: 502 DEVICE NAME: UNITS 101/102 SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: WHB/QC/PBC/VS/ES

5. Type: SPIKE

6. Description: PYRO 1/METALS (AS,BE,CD,CR)/ORGANICS (CCL4)
Group: ROTARY HEARTH Location: PRIMARY CHAMBER Phase: LIQUID

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Arsenic	502C1R1	2.67e+3	ppmv	0.00e+0		
Arsenic	502C1R2	2.35e+3	ppmv	0.00e+0		
Arsenic	502C1R3	2.30e+3	ppmv	0.00e+0		
Beryllium	502C1R1	1.31e+2	ppmv	0.00e+0		
Beryllium	502C1R2	1.28e+2	ppmv	0.00e+0		
Beryllium	502C1R3	1.33e+2	ppmv	0.00e+0		
Cadmium	502C1R1	7.16e+3	ppmv	0.00e+0		
Cadmium	502C1R2	6.31e+3	ppmv	0.00e+0		
Cadmium	502C1R3	5.89e+3	ppmv	0.00e+0		
Chromium	502C1R1	9.72e+3	ppmv	0.00e+0		
Chromium	502C1R2	7.69e+3	ppmv	0.00e+0		
Chromium	502C1R3	6.06e+3	ppmv	0.00e+0		

6. Description: PYRO 2/METALS (AS,BE,CD,CR)/ORGANICS (CCL4)
Group: ROTARY HEARTH Location: PRIMARY CHAMBER Phase: LIQUID

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Arsenic	502C1R1	2.07e+3	ppmv	0.00e+0		
Arsenic	502C1R2	1.76e+3	ppmv	0.00e+0		
Arsenic	502C1R3	1.70e+3	ppmv	0.00e+0		
Beryllium	502C1R1	1.23e+2	ppmv	0.00e+0		
Beryllium	502C1R2	1.16e+2	ppmv	0.00e+0		
Beryllium	502C1R3	1.26e+2	ppmv	0.00e+0		
Cadmium	502C1R1	5.86e+3	ppmv	0.00e+0		
Cadmium	502C1R2	5.48e+3	ppmv	0.00e+0		
Cadmium	502C1R3	5.73e+3	ppmv	0.00e+0		
Chromium	502C1R1	5.52e+3	ppmv	0.00e+0		
Chromium	502C1R2	5.09e+3	ppmv	0.00e+0		
Chromium	502C1R3	4.92e+3	ppmv	0.00e+0		

5. Type: WASTE

6. Description: PYRO 1
Group: ROTARY HEARTH Location: PRIMARY CHAMBER Phase: LIQUID

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Chlorine	502C1R1	2.67e+4	ug/g	1.17e+2	lbs/hr	CE
Chlorine	502C1R2	2.57e+4	ug/g	1.14e+2	lbs/hr	CE
Chlorine	502C1R3	2.24e+4	ug/g	9.98e+1	lbs/hr	CE

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Antimony	502C1R1	ND 3.00e-1	ug/g	1.31e-3	lbs/hr	CE
Antimony	502C1R2	ND 3.00e-1	ppmv	0.00e+0		
Antimony	502C1R3	ND 3.00e-1	ppmv	0.00e+0		
Arsenic	502C1R1	4.20e+0	ppmv	0.00e+0		
Arsenic	502C1R2	3.60e+0	ppmv	0.00e+0		
Arsenic	502C1R3	3.50e+0	ppmv	0.00e+0		
Barium	502C1R1	1.33e+0	ppmv	0.00e+0		
Barium	502C1R2	1.33e+0	ppmv	0.00e+0		
Barium	502C1R3	1.33e+0	ppmv	0.00e+0		
Beryllium	502C1R1	2.80e-1	ppmv	0.00e+0		
Beryllium	502C1R2	2.70e-1	ppmv	0.00e+0		

1. COMPANY: PFIZER, INC.
2. STATE: CT
3. CITY: GROTON EPA ID: CTD001147495 REGION: 1
4. EP ID: 502 DEVICE NAME: UNITS 101/102 SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: WHB/QC/PBC/VS/ES

Beryllium	502C1R3		2.70e-1	ppmv	0.00e+0	
Cadmium	502C1R1		1.37e+1	ppmv	0.00e+0	
Cadmium	502C1R2		1.21e+1	ppmv	0.00e+0	
Cadmium	502C1R3		1.14e+1	ppmv	0.00e+0	
Chromium	502C1R1		1.68e+1	ppmv	0.00e+0	
Chromium	502C1R2		1.33e+1	ppmv	0.00e+0	
Chromium	502C1R3		1.09e+1	ppmv	0.00e+0	
Lead	502C1R1	ND	1.50e+0	ppmv	0.00e+0	
Lead	502C1R2	ND	1.50e+0	ppmv	0.00e+0	
Lead	502C1R3	ND	1.50e+0	ppmv	0.00e+0	
Mercury	502C1R1	ND	2.00e-2	ppmv	0.00e+0	
Mercury	502C1R2	ND	2.00e-2	ppmv	0.00e+0	
Mercury	502C1R3	ND	2.00e-2	ppmv	0.00e+0	
Silver	502C1R1	ND	5.00e-2	ppmv	0.00e+0	
Silver	502C1R2	ND	5.00e-2	ppmv	0.00e+0	
Silver	502C1R3	ND	5.00e-2	ppmv	0.00e+0	
Thallium	502C1R1	ND	3.00e-1	ppmv	0.00e+0	
Thallium	502C1R2	ND	3.00e-1	ppmv	0.00e+0	
Thallium	502C1R3	ND	3.00e-1	ppmv	0.00e+0	

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate		Calc
Carbon Tetrachloride	502C1R1		2.50e+4	ug/g	1.09e+2	lbs/hr	CE
Carbon Tetrachloride	502C1R2		3.30e+4	ug/g	1.46e+2	lbs/hr	CE
Carbon Tetrachloride	502C1R3		2.70e+4	ug/g	1.20e+2	lbs/hr	CE
Chlorobenzene	502C1R1		9.00e+3	ug/g	3.93e+1	lbs/hr	CE
Chlorobenzene	502C1R2		2.72e+2	ug/g	1.20e+0	lbs/hr	CC
Chlorobenzene	502C1R3		1.00e+4	ug/g	4.46e+1	lbs/hr	CE

6. Description: PYRO 2
Group: ROTARY HEARTH Location: PRIMARY CHAMBER Phase: LIQUID

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate		Calc
Chlorine	502C1R1		2.27e+4	ug/g	9.89e+1	lbs/hr	CE
Chlorine	502C1R2		2.71e+4	ug/g	1.21e+2	lbs/hr	CE
Chlorine	502C1R3		2.51e+4	ug/g	1.12e+2	lbs/hr	CE

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate		Calc
Antimony	502C1R1	ND	3.00e-1	ppmv	0.00e+0		
Antimony	502C1R2	ND	3.00e-1	ppmv	0.00e+0		
Antimony	502C1R3	ND	3.00e-1	ppmv	0.00e+0		
Arsenic	502C1R1		3.20e+0	ppmv	0.00e+0		
Arsenic	502C1R2		2.70e+0	ppmv	0.00e+0		
Arsenic	502C1R3		2.60e+0	ppmv	0.00e+0		
Barium	502C1R1		1.33e+0	ppmv	0.00e+0		
Barium	502C1R2		1.33e+0	ppmv	0.00e+0		
Barium	502C1R3		1.33e+0	ppmv	0.00e+0		
Beryllium	502C1R1		2.60e-1	ppmv	0.00e+0		
Beryllium	502C1R2		2.50e-1	ppmv	0.00e+0		
Beryllium	502C1R3		2.60e-1	ppmv	0.00e+0		
Cadmium	502C1R1		1.16e+1	ppmv	0.00e+0		
Cadmium	502C1R2		1.08e+1	ppmv	0.00e+0		
Cadmium	502C1R3		1.12e+1	ppmv	0.00e+0		
Chromium	502C1R1		1.03e+1	ppmv	0.00e+0		
Chromium	502C1R2		9.50e+0	ppmv	0.00e+0		
Chromium	502C1R3		9.20e+0	ppmv	0.00e+0		
Lead	502C1R1	ND	1.50e+0	ppmv	0.00e+0		
Lead	502C1R2	ND	1.50e+0	ppmv	0.00e+0		
Lead	502C1R3	ND	1.50e+0	ppmv	0.00e+0		

1. COMPANY: PFIZER, INC.
2. STATE: CT
3. CITY: GROTON EPA ID: CTD001147495 REGION: 1
4. EP ID: 502 DEVICE NAME: UNITS 101/102 SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: WHB/QC/PBC/VS/ES

Mercury	502C1R1	ND	2.00e-2	ppmv	0.00e+0	
Mercury	502C1R2	ND	2.00e-2	ppmv	0.00e+0	
Mercury	502C1R3	ND	2.00e-2	ppmv	0.00e+0	
Silver	502C1R1	ND	5.00e-2	ppmv	0.00e+0	
Silver	502C1R2	ND	5.00e-2	ppmv	0.00e+0	
Silver	502C1R3	ND	5.00e-2	ppmv	0.00e+0	
Thallium	502C1R1	ND	3.00e-1	ppmv	0.00e+0	
Thallium	502C1R2	ND	3.00e-1	ppmv	0.00e+0	
Thallium	502C1R3	ND	3.00e-1	ppmv	0.00e+0	

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Carbon Tetrachloride	502C1R1	3.00e+4	ug/g	1.31e+2	lbs/hr	CE
Carbon Tetrachloride	502C1R2	3.30e+4	ug/g	1.47e+2	lbs/hr	CE
Carbon Tetrachloride	502C1R3	2.40e+4	ug/g	1.07e+2	lbs/hr	CE
Chlorobenzene	502C1R1	1.10e+4	ug/g	4.79e+1	lbs/hr	CE
Chlorobenzene	502C1R2	9.10e+3	ug/g	4.05e+1	lbs/hr	CE
Chlorobenzene	502C1R3	9.10e+3	ug/g	4.04e+1	lbs/hr	CE

SECTION 8: OTHER STREAM ANALYSES

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

5. Type: FUEL

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

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate		Calc
Chlorine	713C1R1		2.20e+1	ug/g	3.40e-7	lbs/hr	CE
Chlorine	713C1R2	ND	2.70e+2	ug/g	2.32e-6	lbs/hr	CE
Chlorine	713C1R3	ND	1.00e+0	ug/g	1.19e-8	lbs/hr	CE

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

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate		Calc
Chlorine	713C1R1		2.20e+1	ug/g	9.89e-7	lbs/hr	CE
Chlorine	713C1R2	ND	2.70e+2	ug/g	1.22e-5	lbs/hr	CE
Chlorine	713C1R3	ND	1.00e+0	ug/g	4.70e-8	lbs/hr	CE

5. Type: WASTE

6. Description: SPIKED ORGANICS (CHLOROFORM,TOLUENE)
Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: SOLID

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate		Calc
Chlorine	713C1R1		6.50e+3	ug/g	1.21e+0	lbs/hr	CE
Chlorine	713C1R2		1.20e+3	ug/g	2.21e-1	lbs/hr	CE

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate		Calc
Chloroform	713C1R1		1.09e+5	ug/g	2.03e+1	lbs/hr	CE
Chloroform	713C1R2		4.65e+4	ug/g	8.55e+0	lbs/hr	CE
Chloroform	713C1R3		4.87e+4	ug/g	8.89e+0	lbs/hr	CE
Toluene	713C1R1		3.40e+4	ug/g	6.31e+0	lbs/hr	CE
Toluene	713C1R2		2.65e+4	ug/g	4.87e+0	lbs/hr	CE
Toluene	713C1R3		2.60e+4	ug/g	4.75e+0	lbs/hr	CE

SECTION 8: OTHER STREAM ANALYSES

1. COMPANY: RADFORD ARMY AMMUNITION PLANT
2. STATE: VA
3. CITY: RADFORD EPA VA1210020730 REGION: 3
4. EP ID: 349 DEVICE NAME: UNIT 6A SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: QC/FF/QC/PT

5. Type: 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
Lead	349C3R1	7.04e+4 ug/g	5.88e-2 lbs/hr	CC
Lead	349C3R2	4.41e+4 ug/g	2.11e-2 lbs/hr	CC
Lead	349C3R3	6.30e+4 ug/g	4.13e-2 lbs/hr	CC

7. Category: SVOC

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Nitroglycerine	349C2R1	ND 5.01e+0 ug/g	1.74e-6 lbs/hr	CC
Nitroglycerine	349C2R3	ND 7.00e+0 ug/g	5.36e-6 lbs/hr	CC

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Dinitrotoluene	349C1R1	ND 1.39e+1 ug/g	2.03e-5 lbs/hr	CC
Dinitrotoluene	349C1R2	ND 9.62e+0 ug/g	4.41e-6 lbs/hr	CC
Dinitrotoluene	349C1R3	ND 9.47e+0 ug/g	2.20e-6 lbs/hr	CC

5. Type: BLOWDOWN

6. Description: EVAP. COOLER DRIP
Group: ROTARY KILN Location: QUENCH COLUMN Phase: LIQUID

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Lead	349C3R1	0.00e+0	2.73e-5 lbs/hr	
Lead	349C3R2	0.00e+0	5.03e-5 lbs/hr	
Lead	349C3R3	0.00e+0	3.66e-5 lbs/hr	

7. Category: SVOC

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Nitroglycerine	349C2R1	0.00e+0	4.92e-9 lbs/hr	
Nitroglycerine	349C2R2	0.00e+0	8.49e-9 lbs/hr	
Nitroglycerine	349C2R3	0.00e+0	1.12e-9 lbs/hr	

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Dinitrotoluene	349C1R1	ND 0.00e+0	3.97e-8 lbs/hr	
Dinitrotoluene	349C1R2	ND 0.00e+0	3.53e-8 lbs/hr	
Dinitrotoluene	349C1R3	ND 0.00e+0	3.75e-8 lbs/hr	

5. Type: FF ASH

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

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Lead	349C3R1	2.88e+5 ug/g	8.35e-1 lbs/hr	CC
Lead	349C3R2	2.78e+5 ug/g	1.18e+0 lbs/hr	CC
Lead	349C3R3	1.78e+5 ug/g	6.63e-1 lbs/hr	CC

SECTION 8: OTHER STREAM ANALYSES

1. COMPANY: RADFORD ARMY AMMUNITION PLANT
2. STATE: VA
3. CITY: RADFORD EPA ID: VA1210020730 REGION: 3
4. EP ID: 349 DEVICE NAME: UNIT 6A SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: QC/FF/QC/PT

7. Category: SVOC

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate		Calc
Nitroglycerine	349C2R1	ND	6.70e-2	ug/g	1.62e-7	lbs/hr	CC
Nitroglycerine	349C2R2	ND	6.70e-2	ug/g	1.15e-7	lbs/hr	CC
Nitroglycerine	349C2R3	ND	6.69e-2	ug/g	2.23e-7	lbs/hr	CC

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate		Calc
Dinitrotoluene	349C1R1	ND	2.02e+1	ug/g	2.95e-5	lbs/hr	CC
Dinitrotoluene	349C1R2	ND	2.03e+1	ug/g	5.03e-5	lbs/hr	CC
Dinitrotoluene	349C1R3	ND	2.03e+1	ug/g	3.46e-5	lbs/hr	CC

5. Type: WASTE

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

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate		Calc
Lead	349C3R1		1.58e+4	ug/g	1.94e+0	lbs/hr	CC
Lead	349C3R2		1.58e+4	ug/g	3.78e+0	lbs/hr	CC
Lead	349C3R3		1.58e+4	ug/g	3.96e+0	lbs/hr	CC

7. Category: SVOC

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate		Calc
Nitroglycerine	349C2R1		3.86e+5	ug/g	5.48e+1	lbs/hr	CC
Nitroglycerine	349C2R2		3.86e+5	ug/g	6.02e+1	lbs/hr	CC
Nitroglycerine	349C2R3		3.86e+5	ug/g	4.75e+1	lbs/hr	CC

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate		Calc
Dinitrotoluene	349C1R1		1.02e+5	ug/g	2.08e+1	lbs/hr	CC
Dinitrotoluene	349C1R2		1.02e+5	ug/g	1.30e+1	lbs/hr	CC
Dinitrotoluene	349C1R3		1.02e+5	ug/g	9.87e+0	lbs/hr	CC

SECTION 8: OTHER STREAM ANALYSES

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

5. Type: BLOWDOWN

6. Description: BRINE
Group: SUBMERGED QUENCH INC Location: WET SCRUBBER Phase: SLURRY

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Antimony	902C1R1	ND 0.00e+0		0.00e+0		
Antimony	902C1R2	ND 0.00e+0		0.00e+0		
Antimony	902C1R3	ND 0.00e+0		0.00e+0		
Arsenic	902C1R1	2.59e+1	ug/g	4.59e+0	lbs/hr	CE
Arsenic	902C1R2	2.25e+0	ug/g	3.80e-1	lbs/hr	CE
Arsenic	902C1R3	2.42e+0	ug/g	4.08e-1	lbs/hr	CE
Barium	902C1R1	ND 0.00e+0		0.00e+0		
Barium	902C1R2	ND 0.00e+0		0.00e+0		
Barium	902C1R3	ND 0.00e+0		0.00e+0		
Beryllium	902C1R1	8.35e-2	ug/g	1.48e-2	lbs/hr	CE
Beryllium	902C1R2	ND 0.00e+0		0.00e+0		
Beryllium	902C1R3	ND 0.00e+0		0.00e+0		
Cadmium	902C1R1	ND 0.00e+0		0.00e+0		
Cadmium	902C1R2	ND 0.00e+0		0.00e+0		
Cadmium	902C1R3	ND 0.00e+0		0.00e+0		
Chromium	902C1R1	1.50e+0	ug/g	2.67e-1	lbs/hr	CE
Chromium	902C1R2	1.67e+0	ug/g	2.81e-1	lbs/hr	CE
Chromium	902C1R3	1.75e+0	ug/g	2.96e-1	lbs/hr	CE
Lead	902C1R1	5.59e-1	ug/g	9.92e-2	lbs/hr	CE
Lead	902C1R2	9.35e-1	ug/g	1.58e-1	lbs/hr	CE
Lead	902C1R3	ND 0.00e+0		0.00e+0		
Mercury	902C1R1	8.35e-3	ug/g	1.48e-3	lbs/hr	CE
Mercury	902C1R2	9.19e-3	ug/g	1.55e-3	lbs/hr	CE
Mercury	902C1R3	6.68e-3	ug/g	1.13e-3	lbs/hr	CE
Nickel	902C1R1	2.07e+1	ug/g	3.67e+0	lbs/hr	CE
Nickel	902C1R2	2.14e+1	ug/g	3.60e+0	lbs/hr	CE
Nickel	902C1R3	2.23e+1	ug/g	3.76e+0	lbs/hr	CE
Selenium	902C1R1	1.84e-1	ug/g	3.26e-2	lbs/hr	CE
Selenium	902C1R2	ND 0.00e+0		0.00e+0		
Selenium	902C1R3	ND 0.00e+0		0.00e+0		
Silver	902C1R1	ND 0.00e+0		0.00e+0		
Silver	902C1R2	ND 0.00e+0		0.00e+0		
Silver	902C1R3	ND 0.00e+0		0.00e+0		
Thallium	902C1R1	ND 0.00e+0		0.00e+0		
Thallium	902C1R2	ND 0.00e+0		0.00e+0		
Thallium	902C1R3	ND 0.00e+0		0.00e+0		

5. Type: SPIKE

6. Description: ORGANICS (CCL4,MCB)
Group: SUBMERGED QUENCH INC Location: SINGLE CHAMBER Phase: LIQUID

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Chlorine	902C1R1	5.86e+5	ug/g	9.16e+0	lbs/hr	CC
Chlorine	902C1R2	6.13e+5	ug/g	1.08e+1	lbs/hr	CC
Chlorine	902C1R3	6.20e+5	ug/g	1.09e+1	lbs/hr	CC

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Carbon Tetrachloride	902C1R1	4.46e+5	ug/g	6.98e+0	lbs/hr	CC
Carbon Tetrachloride	902C1R2	4.92e+5	ug/g	8.67e+0	lbs/hr	CC
Carbon Tetrachloride	902C1R3	5.00e+5	ug/g	8.79e+0	lbs/hr	CC
Chlorobenzene	902C1R1	5.54e+5	ug/g	8.66e+0	lbs/hr	CC
Chlorobenzene	902C1R2	5.08e+5	ug/g	8.95e+0	lbs/hr	CC
Chlorobenzene	902C1R3	5.00e+5	ug/g	8.79e+0	lbs/hr	CC

SECTION 8: OTHER STREAM ANALYSES

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

5. Type: WASTE

6. Description: ORGANIC
Group: SUBMERGED QUENCH INC Location: SINGLE CHAMBER Phase: LIQUID

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Bromine	902C1R1	8.34e+2	ug/g	8.56e+0	lbs/hr	CE
Bromine	902C1R2	8.43e+2	ug/g	8.95e+0	lbs/hr	CE
Bromine	902C1R3	8.85e+2	ug/g	9.55e+0	lbs/hr	CE
Chlorine	902C1R1	1.28e+5	ug/g	1.31e+3	lbs/hr	CE
Chlorine	902C1R2	1.35e+5	ug/g	1.44e+3	lbs/hr	CE
Chlorine	902C1R3	1.39e+5	ug/g	1.51e+3	lbs/hr	CE
Fluorine	902C1R1	1.85e+3	ug/g	1.90e+1	lbs/hr	CE
Fluorine	902C1R2	2.09e+3	ug/g	2.22e+1	lbs/hr	CE
Fluorine	902C1R3	2.05e+3	ug/g	2.21e+1	lbs/hr	CE

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Antimony	902C1R1	ND 0.00e+0		0.00e+0		
Antimony	902C1R2	4.01e+0	ug/g	4.25e-2	lbs/hr	CE
Antimony	902C1R3	ND 0.00e+0		0.00e+0		
Arsenic	902C1R1	2.59e+0	ug/g	2.66e-2	lbs/hr	CE
Arsenic	902C1R2	2.08e+0	ug/g	2.21e-2	lbs/hr	CE
Arsenic	902C1R3	2.15e+0	ug/g	2.32e-2	lbs/hr	CE
Barium	902C1R1	ND 0.00e+0		0.00e+0		
Barium	902C1R2	ND 0.00e+0		0.00e+0		
Barium	902C1R3	ND 0.00e+0		0.00e+0		
Beryllium	902C1R1	ND 0.00e+0		0.00e+0		
Beryllium	902C1R2	ND 0.00e+0		0.00e+0		
Beryllium	902C1R3	ND 0.00e+0		0.00e+0		
Cadmium	902C1R1	ND 0.00e+0		0.00e+0		
Cadmium	902C1R2	ND 0.00e+0		0.00e+0		
Cadmium	902C1R3	ND 0.00e+0		0.00e+0		
Chromium	902C1R1	1.25e+0	ug/g	1.29e-2	lbs/hr	CE
Chromium	902C1R2	1.43e+0	ug/g	1.52e-2	lbs/hr	CE
Chromium	902C1R3	1.39e+0	ug/g	1.50e-2	lbs/hr	CE
Lead	902C1R1	4.01e-1	ug/g	4.11e-3	lbs/hr	CE
Lead	902C1R2	1.54e+0	ug/g	1.63e-2	lbs/hr	CE
Lead	902C1R3	5.43e-1	ug/g	5.86e-3	lbs/hr	CE
Mercury	902C1R1	1.17e-1	ug/g	1.20e-3	lbs/hr	CE
Mercury	902C1R2	1.09e-1	ug/g	1.15e-3	lbs/hr	CE
Mercury	902C1R3	1.09e-1	ug/g	1.17e-3	lbs/hr	CE
Nickel	902C1R1	2.67e+1	ug/g	2.74e-1	lbs/hr	CE
Nickel	902C1R2	2.77e+1	ug/g	2.94e-1	lbs/hr	CE
Nickel	902C1R3	2.83e+1	ug/g	3.06e-1	lbs/hr	CE
Selenium	902C1R1	3.01e-1	ug/g	3.09e-3	lbs/hr	CE
Selenium	902C1R2	ND 0.00e+0		0.00e+0		
Selenium	902C1R3	ND 0.00e+0		0.00e+0		
Silver	902C1R1	ND 0.00e+0		0.00e+0		
Silver	902C1R2	ND 0.00e+0		0.00e+0		
Silver	902C1R3	ND 0.00e+0		0.00e+0		
Thallium	902C1R1	ND 0.00e+0		0.00e+0		
Thallium	902C1R2	ND 0.00e+0		0.00e+0		
Thallium	902C1R3	ND 0.00e+0		0.00e+0		

7. Category: SVOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Aldrin	902C1R1	5.50e-2	mg/l	4.71e-4	lbs/hr	
Aldrin	902C1R2	5.20e-2	mg/l	4.61e-4	lbs/hr	
Aldrin	902C1R3	8.90e-2	mg/l	8.02e-4	lbs/hr	

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

Azinphos-methyl	902C1R1	2	2.50e-3	mg/l	2.14e-5	lbs/hr	
Azinphos-methyl	902C1R2	ND	0.00e+0		0.00e+0		
Azinphos-methyl	902C1R3	ND	0.00e+0		0.00e+0		
Dieldrin	902C1R1		5.10e-2	mg/l	4.37e-4	lbs/hr	
Dieldrin	902C1R2		4.50e-2	mg/l	3.99e-4	lbs/hr	
Dieldrin	902C1R3		8.60e-2	mg/l	7.75e-4	lbs/hr	
Endrin	902C1R1		4.80e-2	mg/l	4.11e-4	lbs/hr	
Endrin	902C1R2		4.20e-2	mg/l	3.72e-4	lbs/hr	
Endrin	902C1R3		7.20e-2	mg/l	6.49e-4	lbs/hr	
Endrin ketone	902C1R1		2.00e-3	mg/l	1.71e-5	lbs/hr	
Endrin ketone	902C1R2	ND	0.00e+0		0.00e+0		
Endrin ketone	902C1R3		2.90e-3	mg/l	2.61e-5	lbs/hr	
Ethyl parathion	902C1R1	ND	0.00e+0		0.00e+0		
Ethyl parathion	902C1R2		1.40e-2	mg/l	1.24e-4	lbs/hr	
Ethyl parathion	902C1R3		1.10e-2	mg/l	9.91e-5	lbs/hr	
Fenthion	902C1R1		2.30e-2	mg/l	1.97e-4	lbs/hr	
Fenthion	902C1R2		1.80e-2	mg/l	1.60e-4	lbs/hr	
Fenthion	902C1R3		1.20e-2	mg/l	1.08e-4	lbs/hr	
Merphos	902C1R1	ND	0.00e+0		0.00e+0		
Merphos	902C1R2	2	3.80e-3	mg/l	3.37e-5	lbs/hr	
Merphos	902C1R3		3.70e-2	mg/l	3.33e-4	lbs/hr	
Methyl Parathion	902C1R1		4.70e-3	mg/l	4.03e-5	lbs/hr	
Methyl Parathion	902C1R2		2.20e-2	mg/l	1.95e-4	lbs/hr	
Methyl Parathion	902C1R3		1.90e-2	mg/l	1.71e-4	lbs/hr	
Mevinphos	902C1R1	ND	0.00e+0		0.00e+0		
Mevinphos	902C1R2		1.70e-1	mg/l	1.51e-3	lbs/hr	
Mevinphos	902C1R3		1.50e-1	mg/l	1.35e-3	lbs/hr	
Ronnel	902C1R1		4.60e-3	mg/l	3.94e-5	lbs/hr	
Ronnel	902C1R2		4.30e-3	mg/l	3.81e-5	lbs/hr	
Ronnel	902C1R3	2	3.60e-3	mg/l	3.24e-5	lbs/hr	
Tokuthion	902C1R1		2.60e-3	mg/l	2.23e-5	lbs/hr	
Tokuthion	902C1R2		4.70e-3	mg/l	4.17e-5	lbs/hr	
Tokuthion	902C1R3		5.50e-3	mg/l	4.96e-5	lbs/hr	

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate		Calc
Acetone	902C1R1		3.10e+0	mg/l	2.66e-2	lbs/hr	
Acetone	902C1R2		2.70e+0	mg/l	2.39e-2	lbs/hr	
Acetone	902C1R3		4.00e+0	mg/l	3.60e-2	lbs/hr	
Chloromethane	902C1R1		1.75e+0	mg/l	1.50e-2	lbs/hr	
Chloromethane	902C1R2		1.35e+0	mg/l	1.20e-2	lbs/hr	
Chloromethane	902C1R3		1.55e+0	mg/l	1.40e-2	lbs/hr	
Diazinon	902C1R1	ND	0.00e+0		0.00e+0		
Diazinon	902C1R2		6.90e-3	mg/l	6.11e-5	lbs/hr	
Diazinon	902C1R3		6.30e-3	mg/l	5.68e-5	lbs/hr	
Dimethyldisulfide	902C1R1	ND	1.20e-1	mg/l	1.03e-3	lbs/hr	
Dimethyldisulfide	902C1R2	2	1.85e-2	mg/l	1.64e-4	lbs/hr	
Dimethyldisulfide	902C1R3	2	3.20e-2	mg/l	2.88e-4	lbs/hr	
Methyl Ethyl Ketone	902C1R1	ND	2.50e-1	mg/l	2.14e-3	lbs/hr	
Methyl Ethyl Ketone	902C1R2		1.65e-1	mg/l	1.46e-3	lbs/hr	
Methyl Ethyl Ketone	902C1R3	2	1.30e-1	mg/l	1.17e-3	lbs/hr	
Methylene Chloride	902C1R1		4.10e-1	mg/l	3.51e-3	lbs/hr	
Methylene Chloride	902C1R2		4.10e-2	mg/l	3.63e-4	lbs/hr	
Methylene Chloride	902C1R3		8.25e-2	mg/l	7.44e-4	lbs/hr	
Toluene	902C1R1	ND	0.00e+0		0.00e+0		
Toluene	902C1R2	ND	5.00e-2	mg/l	4.43e-4	lbs/hr	
Toluene	902C1R3	ND	5.00e-2	mg/l	4.51e-4	lbs/hr	

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

5. Type: SPIKE

6. Description: METALS (BA,CD,CR,PB,HG)/ORGANICS (CCL4)
Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: SOLID

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Chlorine	214C1R1	1.96e+5	ug/g	6.24e+2	lbs/hr	CC
Chlorine	214C1R2	2.11e+5	ug/g	6.78e+2	lbs/hr	CC
Chlorine	214C1R3	2.13e+5	ug/g	6.98e+2	lbs/hr	CC

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Carbon Tetrachloride	214C1R1	1.81e+5	ug/g	5.76e+2	lbs/hr	CC
Carbon Tetrachloride	214C1R2	1.92e+5	ug/g	6.17e+2	lbs/hr	CC
Carbon Tetrachloride	214C1R3	1.93e+5	ug/g	6.32e+2	lbs/hr	CC

5. Type: WASTE

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

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Chlorine	214C1R1	8.04e+3	ug/g	7.74e+0	lbs/hr	CC
Chlorine	214C1R2	8.04e+3	ug/g	1.25e+1	lbs/hr	CC
Chlorine	214C1R3	8.04e+3	ug/g	1.18e+1	lbs/hr	CC
Chlorine	214C3R1	3.48e+4	ug/g	4.51e+1	lbs/hr	CE
Chlorine	214C3R2	3.20e+4	ug/g	3.07e+1	lbs/hr	CE
Chlorine	214C3R3	3.26e+4	ug/g	2.44e+1	lbs/hr	CE

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Barium	214C3R1	2.46e+0	ug/g	3.19e-3	lbs/hr	CE
Barium	214C3R2	1.29e+0	ug/g	1.24e-3	lbs/hr	CE
Barium	214C3R3	2.28e+0	ug/g	1.71e-3	lbs/hr	CE
Cadmium	214C3R1	2.00e-2	ug/g	2.59e-5	lbs/hr	CE
Cadmium	214C3R2	4.50e-2	ug/g	4.32e-5	lbs/hr	CE
Cadmium	214C3R3	2.00e-2	ug/g	1.50e-5	lbs/hr	CE
Chromium	214C3R1	8.25e+0	ug/g	1.07e-2	lbs/hr	CE
Chromium	214C3R2	7.60e+0	ug/g	7.30e-3	lbs/hr	CE
Chromium	214C3R3	5.93e+0	ug/g	4.45e-3	lbs/hr	CE
Lead	214C3R1	2.50e+0	ug/g	3.24e-3	lbs/hr	CE
Lead	214C3R2	2.00e+0	ug/g	1.92e-3	lbs/hr	CE
Lead	214C3R3	2.10e+0	ug/g	1.58e-3	lbs/hr	CE
Mercury	214C3R1	9.40e-2	ug/g	1.22e-4	lbs/hr	CE
Mercury	214C3R2	1.08e-1	ug/g	1.04e-4	lbs/hr	CE
Mercury	214C3R3	1.44e-1	ug/g	1.08e-4	lbs/hr	CE

6. Description: 4400
Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: SOLID

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Chlorine	214C1R1	1.63e+5	ug/g	1.17e+2	lbs/hr	CC
Chlorine	214C1R2	1.63e+5	ug/g	1.16e+2	lbs/hr	CC
Chlorine	214C1R3	1.63e+5	ug/g	1.27e+2	lbs/hr	CC

6. Description: 4591-TICL4
Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: ?

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

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Chlorine	214C1R1	3.12e+5	ug/g	5.16e+2	lbs/hr	CC
Chlorine	214C1R2	3.12e+5	ug/g	3.20e+2	lbs/hr	CC
Chlorine	214C1R3	3.12e+5	ug/g	3.07e+2	lbs/hr	CC

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

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Chlorine	214C1R1	7.37e+3	ug/g	4.70e+0	lbs/hr	CC
Chlorine	214C1R2	7.36e+3	ug/g	4.63e+0	lbs/hr	CC
Chlorine	214C1R3	7.37e+3	ug/g	4.90e+0	lbs/hr	CC

6. Description: ALKYLS
Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: ?

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Chlorine	214C1R1	6.04e+4	ug/g	3.36e+1	lbs/hr	CC
Chlorine	214C1R2	6.04e+4	ug/g	3.12e+1	lbs/hr	CC
Chlorine	214C1R3	6.04e+4	ug/g	2.68e+1	lbs/hr	CC

6. Description: T-10
Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: ?

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Chlorine	214C1R1	2.57e+5	ug/g	7.28e+2	lbs/hr	CC
Chlorine	214C1R2	2.57e+5	ug/g	8.33e+2	lbs/hr	CC
Chlorine	214C1R3	2.57e+5	ug/g	8.47e+2	lbs/hr	CC

7. Category: SVOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
1,2-Dichlorobenzene	214C1R1	4.01e+4	ug/g	1.13e+2	lbs/hr	CC
1,2-Dichlorobenzene	214C1R2	4.01e+4	ug/g	1.30e+2	lbs/hr	CC
1,2-Dichlorobenzene	214C1R3	4.01e+4	ug/g	1.32e+2	lbs/hr	CC

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Carbon Tetrachloride	214C1R1	3.41e+4	ug/g	9.64e+1	lbs/hr	CC
Carbon Tetrachloride	214C1R2	3.41e+4	ug/g	1.10e+2	lbs/hr	CC
Carbon Tetrachloride	214C1R3	3.41e+4	ug/g	1.12e+2	lbs/hr	CC
Trichloroethene	214C1R1	3.86e+4	ug/g	1.09e+2	lbs/hr	CC
Trichloroethene	214C1R2	3.86e+4	ug/g	1.25e+2	lbs/hr	CC
Trichloroethene	214C1R3	3.86e+4	ug/g	1.27e+2	lbs/hr	CC

6. Description: T-10-A
Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: ?

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Chlorine	214C1R1	2.55e+5	ug/g	3.29e+1	lbs/hr	CC
Chlorine	214C1R2	2.55e+5	ug/g	6.67e+1	lbs/hr	CC

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

Chlorine	214C1R3	2.56e+5	ug/g	2.12e+1	lbs/hr	CC

7. Category: SVOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
1,2-Dichlorobenzene	214C1R1	4.49e+4	ug/g	5.79e+0	lbs/hr	CC
1,2-Dichlorobenzene	214C1R2	4.46e+4	ug/g	1.17e+1	lbs/hr	CC
1,2-Dichlorobenzene	214C1R3	4.49e+4	ug/g	3.73e+0	lbs/hr	CC

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Carbon Tetrachloride	214C1R1	3.15e+4	ug/g	4.06e+0	lbs/hr	CC
Carbon Tetrachloride	214C1R2	3.14e+4	ug/g	8.22e+0	lbs/hr	CC
Carbon Tetrachloride	214C1R3	3.16e+4	ug/g	2.62e+0	lbs/hr	CC
Trichloroethene	214C1R1	1.15e+2	ug/g	1.48e-2	lbs/hr	CC
Trichloroethene	214C1R2	1.15e+2	ug/g	3.00e-2	lbs/hr	CC
Trichloroethene	214C1R3	1.16e+2	ug/g	9.60e-3	lbs/hr	CC

6. Description: T-OX
Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: ?

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Chlorine	214C1R1	1.60e+4	ug/g	2.33e+1	lbs/hr	CC
Chlorine	214C1R2	1.60e+4	ug/g	2.92e+1	lbs/hr	CC
Chlorine	214C1R3	1.60e+4	ug/g	2.98e+1	lbs/hr	CC

6. Description: BLEND
Group: ROTARY KILN Location: ALL CHAMBERS Phase: LIQUID

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Chlorine	214C2R1	2.40e+5	ug/g	2.12e+3	lbs/hr	CE
Chlorine	214C2R2	1.84e+5	ug/g	1.78e+3	lbs/hr	CE
Chlorine	214C2R3	1.86e+5	ug/g	1.77e+3	lbs/hr	CE
Chlorine	214C3R1	2.51e+5	ug/g	2.82e+3	lbs/hr	CE
Chlorine	214C3R2	2.57e+5	ug/g	2.82e+3	lbs/hr	CE
Chlorine	214C3R3	1.96e+5	ug/g	2.16e+3	lbs/hr	CE

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Barium	214C2R1	3.17e-1	ug/g	2.81e-3	lbs/hr	CE
Barium	214C2R2	6.60e-2	ug/g	6.40e-4	lbs/hr	CE
Barium	214C2R3	2.91e-1	ug/g	2.77e-3	lbs/hr	CE
Barium	214C3R1	4.95e-1	ug/g	5.55e-3	lbs/hr	CE
Barium	214C3R2	3.30e-1	ug/g	3.63e-3	lbs/hr	CE
Barium	214C3R3	3.30e-2	ug/g	3.64e-4	lbs/hr	CE
Cadmium	214C2R1	7.60e-2	ug/g	6.73e-4	lbs/hr	CE
Cadmium	214C2R2	1.18e-1	ug/g	1.14e-3	lbs/hr	CE
Cadmium	214C2R3	1.80e-1	ug/g	1.71e-3	lbs/hr	CE
Cadmium	214C3R1	6.40e-2	ug/g	7.18e-4	lbs/hr	CE
Cadmium	214C3R2	8.00e-2	ug/g	8.79e-4	lbs/hr	CE
Cadmium	214C3R3	1.64e-1	ug/g	1.81e-3	lbs/hr	CE
Chromium	214C2R1	1.20e+0	ug/g	1.06e-2	lbs/hr	CE
Chromium	214C2R2	1.71e+0	ug/g	1.66e-2	lbs/hr	CE
Chromium	214C2R3	2.96e+0	ug/g	2.81e-2	lbs/hr	CE
Chromium	214C3R1	1.43e+0	ug/g	1.60e-2	lbs/hr	CE
Chromium	214C3R2	2.37e+0	ug/g	2.61e-2	lbs/hr	CE
Chromium	214C3R3	2.31e+0	ug/g	2.55e-2	lbs/hr	CE
Lead	214C2R1	1.80e+0	ug/g	1.59e-2	lbs/hr	CE
Lead	214C2R2	2.10e+0	ug/g	2.04e-2	lbs/hr	CE

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

Lead	214C2R3	2.50e+0	ug/g	2.38e-2	lbs/hr	CE
Lead	214C3R1	2.40e+0	ug/g	2.69e-2	lbs/hr	CE
Lead	214C3R2	3.40e+0	ug/g	3.74e-2	lbs/hr	CE
Lead	214C3R3	2.80e+0	ug/g	3.09e-2	lbs/hr	CE
Mercury	214C2R1	1.12e-1	ug/g	9.91e-4	lbs/hr	CE
Mercury	214C2R2	1.07e-1	ug/g	1.04e-3	lbs/hr	CE
Mercury	214C2R3	1.00e-1	ug/g	9.51e-4	lbs/hr	CE
Mercury	214C3R1	1.20e-1	ug/g	1.35e-3	lbs/hr	CE
Mercury	214C3R2	7.40e-2	ug/g	8.13e-4	lbs/hr	CE
Mercury	214C3R3	1.11e-1	ug/g	1.22e-3	lbs/hr	CE

7. Category: SVOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Dichlorobenzene	214C2R1	1.40e+5	ug/g	1.24e+3	lbs/hr	CC
Dichlorobenzene	214C2R2	1.60e+5	ug/g	1.55e+3	lbs/hr	CC
Dichlorobenzene	214C2R3	8.81e+4	ug/g	8.38e+2	lbs/hr	CC
Dichlorobenzene	214C3R1	3.87e+4	ug/g	4.34e+2	lbs/hr	CC
Dichlorobenzene	214C3R2	5.68e+4	ug/g	6.24e+2	lbs/hr	CC
Dichlorobenzene	214C3R3	5.86e+4	ug/g	6.47e+2	lbs/hr	CC

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Carbon Tetrachloride	214C2R1	4.50e+4	ug/g	3.99e+2	lbs/hr	CC
Carbon Tetrachloride	214C2R2	3.70e+4	ug/g	3.59e+2	lbs/hr	CC
Carbon Tetrachloride	214C2R3	6.01e+4	ug/g	5.71e+2	lbs/hr	CC
Carbon Tetrachloride	214C3R1	3.78e+4	ug/g	4.24e+2	lbs/hr	CC
Carbon Tetrachloride	214C3R2	4.30e+4	ug/g	4.73e+2	lbs/hr	CC
Carbon Tetrachloride	214C3R3	4.30e+4	ug/g	4.74e+2	lbs/hr	CC
Trichloroethene	214C2R1	7.30e+4	ug/g	6.46e+2	lbs/hr	CC
Trichloroethene	214C2R2	5.71e+4	ug/g	5.53e+2	lbs/hr	CC
Trichloroethene	214C2R3	1.02e+5	ug/g	9.71e+2	lbs/hr	CC
Trichloroethene	214C3R1	3.63e+4	ug/g	4.08e+2	lbs/hr	CC
Trichloroethene	214C3R2	3.64e+4	ug/g	4.00e+2	lbs/hr	CC
Trichloroethene	214C3R3	4.30e+4	ug/g	4.74e+2	lbs/hr	CC

6. Description: THEMALOX WASTEWATER
Group: ROTARY KILN Location: TERITARY CHAMBER Phase: LIQUID

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Chlorine	214C2R1	1.12e+4	ug/g	1.14e+2	lbs/hr	CE
Chlorine	214C2R2	1.13e+4	ug/g	1.16e+2	lbs/hr	CE
Chlorine	214C2R3	1.11e+4	ug/g	1.13e+2	lbs/hr	CE
Chlorine	214C3R1	1.49e+5	ug/g	6.84e+2	lbs/hr	CC
Chlorine	214C3R2	1.43e+5	ug/g	6.52e+2	lbs/hr	CC
Chlorine	214C3R3	1.66e+5	ug/g	7.51e+2	lbs/hr	CC

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Barium	214C2R1	8.43e-1	ug/g	8.61e-3	lbs/hr	CE
Barium	214C2R2	7.38e-1	ug/g	7.59e-3	lbs/hr	CE
Barium	214C2R3	6.43e-1	ug/g	6.55e-3	lbs/hr	CE
Barium	214C3R1	7.25e-1	ug/g	3.32e-3	lbs/hr	CE
Barium	214C3R2	7.57e-1	ug/g	3.46e-3	lbs/hr	CE
Barium	214C3R3	7.59e-1	ug/g	3.44e-3	lbs/hr	CE
Cadmium	214C2R1	3.00e-3	ug/g	3.07e-5	lbs/hr	CE
Cadmium	214C2R2	3.00e-3	ug/g	3.08e-5	lbs/hr	CE
Cadmium	214C2R3	3.00e-3	ug/g	3.06e-5	lbs/hr	CE
Cadmium	214C3R1	3.00e-3	ug/g	1.37e-5	lbs/hr	CE
Cadmium	214C3R2	3.00e-3	ug/g	1.37e-5	lbs/hr	CE
Cadmium	214C3R3	3.00e-3	ug/g	1.36e-5	lbs/hr	CE
Chromium	214C2R1	6.50e-2	ug/g	6.64e-4	lbs/hr	CE
Chromium	214C2R2	6.80e-2	ug/g	6.99e-4	lbs/hr	CE

SECTION 8: OTHER STREAM ANALYSES

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

Chromium	214C2R3	6.00e-2	ug/g	6.11e-4	lbs/hr	CE
Chromium	214C3R1	6.80e-2	ug/g	3.11e-4	lbs/hr	CE
Chromium	214C3R2	7.00e-2	ug/g	3.20e-4	lbs/hr	CE
Chromium	214C3R3	6.90e-2	ug/g	3.13e-4	lbs/hr	CE
Lead	214C2R1	6.00e-2	ug/g	6.13e-4	lbs/hr	CE
Lead	214C2R2	6.00e-2	ug/g	6.17e-4	lbs/hr	CE
Lead	214C2R3	7.00e-2	ug/g	7.13e-4	lbs/hr	CE
Lead	214C3R1	5.00e-2	ug/g	2.29e-4	lbs/hr	CE
Lead	214C3R2	7.00e-2	ug/g	3.20e-4	lbs/hr	CE
Lead	214C3R3	5.00e-2	ug/g	2.27e-4	lbs/hr	CE
Mercury	214C2R1	6.00e-3	ug/g	6.13e-5	lbs/hr	CE
Mercury	214C2R2	6.00e-3	ug/g	6.17e-5	lbs/hr	CE
Mercury	214C2R3	5.00e-3	ug/g	5.09e-5	lbs/hr	CE
Mercury	214C3R1	6.00e-3	ug/g	2.75e-5	lbs/hr	CE
Mercury	214C3R2	7.00e-3	ug/g	3.20e-5	lbs/hr	CE
Mercury	214C3R3	7.00e-3	ug/g	3.17e-5	lbs/hr	CE

6. Description: TITANIUM CCL4
Group: ROTARY KILN Location: SECONDARY CHAMBER Phase: LIQUID

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Chlorine	214C3R1	3.12e+5	ug/g	6.84e+2	lbs/hr	CC
Chlorine	214C3R2	3.12e+5	ug/g	6.52e+2	lbs/hr	CC
Chlorine	214C3R3	3.12e+5	ug/g	7.51e+2	lbs/hr	CC

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

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Chlorine	214C3R1	3.16e+3	ug/g	4.38e+0	lbs/hr	CE
Chlorine	214C3R2	3.16e+3	ug/g	4.44e+0	lbs/hr	CE
Chlorine	214C3R3	3.16e+3	ug/g	4.57e+0	lbs/hr	CE

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Barium	214C3R1	4.32e-1	ug/g	5.99e-4	lbs/hr	CE
Barium	214C3R2	4.32e-1	ug/g	6.07e-4	lbs/hr	CE
Barium	214C3R3	4.32e-1	ug/g	6.25e-4	lbs/hr	CE
Cadmium	214C3R1	1.40e-1	ug/g	1.94e-4	lbs/hr	CE
Cadmium	214C3R2	1.40e-1	ug/g	1.97e-4	lbs/hr	CE
Cadmium	214C3R3	1.40e-1	ug/g	2.02e-4	lbs/hr	CE
Chromium	214C3R1	1.27e+0	ug/g	1.76e-3	lbs/hr	CE
Chromium	214C3R2	1.27e+0	ug/g	1.78e-3	lbs/hr	CE
Chromium	214C3R3	1.27e+0	ug/g	1.84e-3	lbs/hr	CE
Lead	214C3R1	7.30e+0	ug/g	1.01e-2	lbs/hr	CE
Lead	214C3R2	7.30e+0	ug/g	1.02e-2	lbs/hr	CE
Lead	214C3R3	7.30e+0	ug/g	1.06e-2	lbs/hr	CE
Mercury	214C3R1	4.00e-2	ug/g	5.54e-5	lbs/hr	CE
Mercury	214C3R2	4.00e-2	ug/g	5.62e-5	lbs/hr	CE
Mercury	214C3R3	4.00e-2	ug/g	5.78e-5	lbs/hr	CE

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

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Chlorine	214C2R1	1.00e+5	ug/g	3.27e+2	lbs/hr	CC
Chlorine	214C2R2	9.65e+4	ug/g	3.05e+2	lbs/hr	CC
Chlorine	214C2R3	9.38e+4	ug/g	2.98e+2	lbs/hr	CC
Chlorine	214C3R1	1.01e+5	ug/g	5.95e+2	lbs/hr	CC

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

Chlorine	214C3R2	9.62e+4	ug/g	5.58e+2	lbs/hr	CC
Chlorine	214C3R3	9.48e+4	ug/g	5.36e+2	lbs/hr	CC

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Barium	214C2R1	9.79e+3	ug/g	3.19e+1	lbs/hr	CC
Barium	214C2R2	5.03e+3	ug/g	1.59e+1	lbs/hr	CC
Barium	214C2R3	9.89e+2	ug/g	3.14e+0	lbs/hr	CC
Barium	214C3R1	9.91e+3	ug/g	5.81e+1	lbs/hr	CC
Barium	214C3R2	4.94e+3	ug/g	2.86e+1	lbs/hr	CC
Barium	214C3R3	1.01e+3	ug/g	5.73e+0	lbs/hr	CC
Cadmium	214C2R1	4.90e+3	ug/g	1.60e+1	lbs/hr	CC
Cadmium	214C2R2	2.51e+3	ug/g	7.95e+0	lbs/hr	CC
Cadmium	214C2R3	9.89e+2	ug/g	3.14e+0	lbs/hr	CC
Cadmium	214C3R1	4.96e+3	ug/g	2.91e+1	lbs/hr	CC
Cadmium	214C3R2	2.47e+3	ug/g	1.43e+1	lbs/hr	CC
Cadmium	214C3R3	1.01e+3	ug/g	5.73e+0	lbs/hr	CC
Chromium	214C2R1	2.94e+3	ug/g	9.57e+0	lbs/hr	CC
Chromium	214C2R2	1.01e+3	ug/g	3.18e+0	lbs/hr	CC
Chromium	214C2R3	2.46e+2	ug/g	7.80e-1	lbs/hr	CC
Chromium	214C3R1	2.97e+3	ug/g	1.74e+1	lbs/hr	CC
Chromium	214C3R2	9.89e+2	ug/g	5.73e+0	lbs/hr	CC
Chromium	214C3R3	2.53e+2	ug/g	1.43e+0	lbs/hr	CC
Lead	214C2R1	9.82e+1	ug/g	3.20e-1	lbs/hr	CC
Lead	214C2R2	2.51e+3	ug/g	7.95e+0	lbs/hr	CC
Lead	214C2R3	4.95e+2	ug/g	1.57e+0	lbs/hr	CC
Lead	214C3R1	4.96e+3	ug/g	2.91e+1	lbs/hr	CC
Lead	214C3R2	2.47e+3	ug/g	1.43e+1	lbs/hr	CC
Lead	214C3R3	5.08e+2	ug/g	2.87e+0	lbs/hr	CC
Mercury	214C2R1	4.90e+3	ug/g	1.60e+1	lbs/hr	CC
Mercury	214C2R2	5.06e+1	ug/g	1.60e-1	lbs/hr	CC
Mercury	214C2R3	9.45e+0	ug/g	3.00e-2	lbs/hr	CC
Mercury	214C3R1	9.89e+1	ug/g	5.80e-1	lbs/hr	CC
Mercury	214C3R2	5.00e+1	ug/g	2.90e-1	lbs/hr	CC
Mercury	214C3R3	1.06e+1	ug/g	6.00e-2	lbs/hr	CC

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Carbon Tetrachloride	214C2R1	9.81e+4	ug/g	3.20e+2	lbs/hr	CC
Carbon Tetrachloride	214C2R2	9.93e+4	ug/g	3.14e+2	lbs/hr	CC
Carbon Tetrachloride	214C2R3	1.00e+5	ug/g	3.18e+2	lbs/hr	CC
Carbon Tetrachloride	214C3R1	9.93e+4	ug/g	5.82e+2	lbs/hr	CC
Carbon Tetrachloride	214C3R2	9.91e+4	ug/g	5.74e+2	lbs/hr	CC
Carbon Tetrachloride	214C3R3	1.01e+5	ug/g	5.73e+2	lbs/hr	CC

SECTION 8: OTHER STREAM ANALYSES

1. COMPANY: ROLLINS ENVIRONMENTAL SERVICES
2. STATE: TX
3. CITY: DEER PARK EPA TX0055141378 REGION: 6
4. EP ID: 221 DEVICE NAME: RES (TX) INCINERATOR SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: PT
5. Type: WASTE
6. Description: INDUSTRIAL
Group: ROTARY KILN Location: PRIMARY CHAMBER Phase: LIQUID
7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate		Calc
Arsenic	221C1R1	ND	8.30e-1	ug/g	4.15e-3	lbs/hr	CE
Arsenic	221C1R2	ND	8.30e-1	ug/g	4.15e-3	lbs/hr	CE
Arsenic	221C1R3	ND	8.30e-1	ug/g	4.15e-3	lbs/hr	CE
Arsenic	221C2R1	ND	8.30e-1	ug/g	2.00e-3	lbs/hr	CE
Arsenic	221C2R2	ND	8.30e-1	ug/g	2.00e-3	lbs/hr	CE
Arsenic	221C2R3	ND	8.30e-1	ug/g	2.00e-3	lbs/hr	CE
Arsenic	221C3R1	ND	1.67e+0	ug/g	7.76e-3	lbs/hr	CE
Arsenic	221C3R2	ND	1.67e+0	ug/g	7.76e-3	lbs/hr	CE
Arsenic	221C3R3	ND	1.67e+0	ug/g	7.76e-3	lbs/hr	CE
Arsenic	221C4R1	ND	1.67e+0	ug/g	3.50e-3	lbs/hr	CE
Arsenic	221C4R2	ND	1.67e+0	ug/g	3.50e-3	lbs/hr	CE
Arsenic	221C4R3	ND	1.67e+0	ug/g	3.50e-3	lbs/hr	CE
Arsenic	221C5R1	ND	1.67e+0	ug/g	1.00e-2	lbs/hr	CE
Arsenic	221C5R2	ND	1.67e+0	ug/g	1.00e-2	lbs/hr	CE
Arsenic	221C5R3	ND	1.67e+0	ug/g	1.00e-2	lbs/hr	CE
Beryllium	221C1R1	ND	4.20e-1	ug/g	2.10e-3	lbs/hr	CE
Beryllium	221C1R2	ND	4.20e-1	ug/g	2.10e-3	lbs/hr	CE
Beryllium	221C1R3	ND	4.20e-1	ug/g	2.10e-3	lbs/hr	CE
Beryllium	221C2R1	ND	4.20e-1	ug/g	1.01e-3	lbs/hr	CE
Beryllium	221C2R2	ND	4.20e-1	ug/g	1.01e-3	lbs/hr	CE
Beryllium	221C2R3	ND	4.20e-1	ug/g	1.01e-3	lbs/hr	CE
Beryllium	221C3R1	ND	8.00e-2	ug/g	3.72e-4	lbs/hr	CE
Beryllium	221C3R2	ND	8.00e-2	ug/g	3.72e-4	lbs/hr	CE
Beryllium	221C3R3	ND	8.00e-2	ug/g	3.72e-4	lbs/hr	CE
Beryllium	221C4R1	ND	8.00e-2	ug/g	1.68e-4	lbs/hr	CE
Beryllium	221C4R2	ND	8.00e-2	ug/g	1.68e-4	lbs/hr	CE
Beryllium	221C4R3	ND	8.00e-2	ug/g	1.68e-4	lbs/hr	CE
Beryllium	221C5R1	ND	8.00e-2	ug/g	4.79e-4	lbs/hr	CE
Beryllium	221C5R2	ND	8.00e-2	ug/g	4.79e-4	lbs/hr	CE
Beryllium	221C5R3	ND	8.00e-2	ug/g	4.79e-4	lbs/hr	CE
Cadmium	221C1R1	ND	6.30e-1	ug/g	3.15e-3	lbs/hr	CE
Cadmium	221C1R2	ND	6.30e-1	ug/g	3.15e-3	lbs/hr	CE
Cadmium	221C1R3	ND	6.30e-1	ug/g	3.15e-3	lbs/hr	CE
Cadmium	221C2R1	ND	6.30e-1	ug/g	1.52e-3	lbs/hr	CE
Cadmium	221C2R2	ND	6.30e-1	ug/g	1.52e-3	lbs/hr	CE
Cadmium	221C2R3	ND	6.30e-1	ug/g	1.52e-3	lbs/hr	CE
Cadmium	221C3R1	ND	1.30e-1	ug/g	6.04e-4	lbs/hr	CE
Cadmium	221C3R2	ND	1.30e-1	ug/g	6.04e-4	lbs/hr	CE
Cadmium	221C3R3	ND	1.30e-1	ug/g	6.04e-4	lbs/hr	CE
Cadmium	221C4R1		2.10e-1	ug/g	4.40e-4	lbs/hr	CE
Cadmium	221C4R2		2.10e-1	ug/g	4.40e-4	lbs/hr	CE
Cadmium	221C4R3		2.10e-1	ug/g	4.40e-4	lbs/hr	CE
Cadmium	221C5R1	ND	1.30e-1	ug/g	7.78e-4	lbs/hr	CE
Cadmium	221C5R2	ND	1.30e-1	ug/g	7.78e-4	lbs/hr	CE
Cadmium	221C5R3	ND	1.30e-1	ug/g	7.78e-4	lbs/hr	CE
Chromium	221C1R1		2.50e-1	ug/g	1.25e-3	lbs/hr	CE
Chromium	221C1R2		3.80e-1	ug/g	1.90e-3	lbs/hr	CE
Chromium	221C1R3		4.80e-1	ug/g	2.40e-3	lbs/hr	CE
Chromium	221C2R1		1.69e+0	ug/g	4.07e-3	lbs/hr	CE
Chromium	221C2R2		2.00e+0	ug/g	4.81e-3	lbs/hr	CE
Chromium	221C2R3		2.54e+0	ug/g	6.11e-3	lbs/hr	CE
Chromium	221C3R1		1.29e+0	ug/g	5.99e-3	lbs/hr	CE
Chromium	221C3R2		1.29e+0	ug/g	5.99e-3	lbs/hr	CE
Chromium	221C3R3		1.17e+0	ug/g	5.43e-3	lbs/hr	CE
Chromium	221C4R1		3.13e+0	ug/g	6.55e-3	lbs/hr	CE
Chromium	221C4R2		2.67e+0	ug/g	5.59e-3	lbs/hr	CE
Chromium	221C4R3		3.00e+0	ug/g	6.28e-3	lbs/hr	CE
Chromium	221C5R1		1.75e+0	ug/g	1.05e-2	lbs/hr	CE
Chromium	221C5R2		1.58e+0	ug/g	9.46e-3	lbs/hr	CE
Chromium	221C5R3		1.83e+0	ug/g	1.10e-2	lbs/hr	CE
Lead	221C1R1		1.25e+0	ug/g	6.26e-3	lbs/hr	CE
Lead	221C1R2		1.67e+0	ug/g	8.36e-3	lbs/hr	CE
Lead	221C1R3		1.88e+0	ug/g	9.41e-3	lbs/hr	CE
Lead	221C2R1		2.29e+0	ug/g	5.51e-3	lbs/hr	CE
Lead	221C2R2		1.88e+0	ug/g	4.52e-3	lbs/hr	CE

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

Lead	221C2R3		2.29e+0	ug/g	5.51e-3	lbs/hr	CE
Lead	221C3R1		4.17e+0	ug/g	1.94e-2	lbs/hr	CE
Lead	221C3R2		2.08e+0	ug/g	9.66e-3	lbs/hr	CE
Lead	221C3R3		2.50e+0	ug/g	1.16e-2	lbs/hr	CE
Lead	221C4R1		5.42e+0	ug/g	1.13e-2	lbs/hr	CE
Lead	221C4R2		3.75e+0	ug/g	7.85e-3	lbs/hr	CE
Lead	221C4R3		6.67e+0	ug/g	1.40e-2	lbs/hr	CE
Lead	221C5R1		3.75e+0	ug/g	2.25e-2	lbs/hr	CE
Lead	221C5R2		2.92e+0	ug/g	1.75e-2	lbs/hr	CE
Lead	221C5R3		3.75e+0	ug/g	2.25e-2	lbs/hr	CE
Mercury	221C1R1	ND	1.00e-1	ug/g	5.00e-4	lbs/hr	CE
Mercury	221C1R2	ND	1.00e-1	ug/g	5.00e-4	lbs/hr	CE
Mercury	221C1R3		1.50e-1	ug/g	7.51e-4	lbs/hr	CE
Mercury	221C2R1	ND	1.00e-1	ug/g	2.41e-4	lbs/hr	CE
Mercury	221C2R2	ND	1.10e-1	ug/g	2.65e-4	lbs/hr	CE
Mercury	221C2R3	ND	1.00e-1	ug/g	2.41e-4	lbs/hr	CE
Mercury	221C3R1	ND	1.00e-1	ug/g	4.64e-4	lbs/hr	CE
Mercury	221C3R2	ND	1.00e-1	ug/g	4.64e-4	lbs/hr	CE
Mercury	221C3R3	ND	1.00e-1	ug/g	4.64e-4	lbs/hr	CE
Mercury	221C4R1	ND	1.00e-1	ug/g	2.09e-4	lbs/hr	CE
Mercury	221C4R2	ND	1.00e-1	ug/g	2.09e-4	lbs/hr	CE
Mercury	221C4R3	ND	1.00e-1	ug/g	2.09e-4	lbs/hr	CE
Mercury	221C5R1		3.00e-1	ug/g	1.80e-3	lbs/hr	CE
Mercury	221C5R2		1.10e-1	ug/g	6.59e-4	lbs/hr	CE
Mercury	221C5R3		1.30e-1	ug/g	7.78e-4	lbs/hr	CE
Nickel	221C1R1		2.70e-1	ug/g	1.35e-3	lbs/hr	CE
Nickel	221C1R2		2.10e-1	ug/g	1.05e-3	lbs/hr	CE
Nickel	221C1R3		4.20e-1	ug/g	2.10e-3	lbs/hr	CE
Nickel	221C2R1		3.50e-1	ug/g	8.42e-4	lbs/hr	CE
Nickel	221C2R2		4.40e-1	ug/g	1.06e-3	lbs/hr	CE
Nickel	221C2R3		6.30e-1	ug/g	1.52e-3	lbs/hr	CE
Nickel	221C3R1	ND	2.50e-1	ug/g	1.16e-3	lbs/hr	CE
Nickel	221C3R2	ND	2.50e-1	ug/g	1.16e-3	lbs/hr	CE
Nickel	221C3R3	ND	2.50e-1	ug/g	1.16e-3	lbs/hr	CE
Nickel	221C4R1		6.30e-1	ug/g	1.32e-3	lbs/hr	CE
Nickel	221C4R2		4.20e-1	ug/g	8.79e-4	lbs/hr	CE
Nickel	221C4R3		6.30e-1	ug/g	1.32e-3	lbs/hr	CE
Nickel	221C5R1	ND	2.50e-1	ug/g	1.50e-3	lbs/hr	CE
Nickel	221C5R2	ND	2.50e-1	ug/g	1.50e-3	lbs/hr	CE
Nickel	221C5R3	ND	2.50e-1	ug/g	1.50e-3	lbs/hr	CE

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate		Calc
Carbon Tetrachloride	221C1R1		1.50e+5	ug/g	7.51e+2	lbs/hr	CE
Carbon Tetrachloride	221C1R2		9.90e+4	ug/g	4.95e+2	lbs/hr	CE
Carbon Tetrachloride	221C1R3		1.50e+5	ug/g	7.51e+2	lbs/hr	CE
Carbon Tetrachloride	221C2R1		1.30e+5	ug/g	3.13e+2	lbs/hr	CE
Carbon Tetrachloride	221C2R2		1.10e+5	ug/g	2.65e+2	lbs/hr	CE
Carbon Tetrachloride	221C2R3		1.10e+5	ug/g	2.65e+2	lbs/hr	CE
Carbon Tetrachloride	221C3R1		1.30e+5	ug/g	6.04e+2	lbs/hr	CE
Carbon Tetrachloride	221C3R2		1.40e+5	ug/g	6.50e+2	lbs/hr	CE
Carbon Tetrachloride	221C3R3		1.40e+5	ug/g	6.50e+2	lbs/hr	CE
Carbon Tetrachloride	221C4R1		1.70e+5	ug/g	3.56e+2	lbs/hr	CE
Carbon Tetrachloride	221C4R2		1.70e+5	ug/g	3.56e+2	lbs/hr	CE
Carbon Tetrachloride	221C4R3		1.50e+5	ug/g	3.14e+2	lbs/hr	CE
Carbon Tetrachloride	221C5R1		1.50e+5	ug/g	8.98e+2	lbs/hr	CE
Carbon Tetrachloride	221C5R2		1.50e+5	ug/g	8.98e+2	lbs/hr	CE
Carbon Tetrachloride	221C5R3		1.40e+5	ug/g	8.38e+2	lbs/hr	CE

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

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate		Calc
Arsenic	221C1R1	ND	8.30e-1	ug/g	1.85e-3	lbs/hr	CE
Arsenic	221C1R2	ND	8.30e-1	ug/g	1.85e-3	lbs/hr	CE
Arsenic	221C1R3	ND	8.30e-1	ug/g	1.85e-3	lbs/hr	CE
Arsenic	221C2R1	ND	8.30e-1	ug/g	4.69e-3	lbs/hr	CE
Arsenic	221C2R2	ND	8.30e-1	ug/g	4.69e-3	lbs/hr	CE

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

Arsenic	221C2R3	ND	8.30e-1	ug/g	4.69e-3	lbs/hr	CE
Arsenic	221C3R1	ND	1.67e+0	ug/g	1.38e-2	lbs/hr	CE
Arsenic	221C3R2	ND	1.67e+0	ug/g	1.38e-2	lbs/hr	CE
Arsenic	221C3R3	ND	1.67e+0	ug/g	1.38e-2	lbs/hr	CE
Arsenic	221C4R1	ND	1.67e+0	ug/g	9.25e-3	lbs/hr	CE
Arsenic	221C4R2	ND	1.67e+0	ug/g	9.25e-3	lbs/hr	CE
Arsenic	221C4R3	ND	1.67e+0	ug/g	9.25e-3	lbs/hr	CE
Arsenic	221C5R1	ND	1.67e+0	ug/g	9.56e-3	lbs/hr	CE
Arsenic	221C5R2	ND	1.67e+0	ug/g	9.56e-3	lbs/hr	CE
Arsenic	221C5R3	ND	1.67e+0	ug/g	9.56e-3	lbs/hr	CE
Beryllium	221C1R1	ND	4.20e-1	ug/g	9.35e-4	lbs/hr	CE
Beryllium	221C1R2	ND	4.20e-1	ug/g	9.35e-4	lbs/hr	CE
Beryllium	221C1R3	ND	4.20e-1	ug/g	9.35e-4	lbs/hr	CE
Beryllium	221C2R1	ND	4.20e-1	ug/g	2.37e-3	lbs/hr	CE
Beryllium	221C2R2	ND	4.20e-1	ug/g	2.37e-3	lbs/hr	CE
Beryllium	221C2R3	ND	4.20e-1	ug/g	2.37e-3	lbs/hr	CE
Beryllium	221C3R1	ND	8.00e-2	ug/g	6.61e-4	lbs/hr	CE
Beryllium	221C3R2	ND	8.00e-2	ug/g	6.61e-4	lbs/hr	CE
Beryllium	221C3R3	ND	8.00e-2	ug/g	6.61e-4	lbs/hr	CE
Beryllium	221C4R1	ND	8.00e-2	ug/g	4.43e-4	lbs/hr	CE
Beryllium	221C4R2	ND	8.00e-2	ug/g	4.43e-4	lbs/hr	CE
Beryllium	221C4R3	ND	8.00e-2	ug/g	4.43e-4	lbs/hr	CE
Beryllium	221C5R1	ND	8.00e-2	ug/g	4.58e-4	lbs/hr	CE
Beryllium	221C5R2	ND	8.00e-2	ug/g	4.58e-4	lbs/hr	CE
Beryllium	221C5R3	ND	8.00e-2	ug/g	4.58e-4	lbs/hr	CE
Cadmium	221C1R1	ND	6.30e-1	ug/g	1.40e-3	lbs/hr	CE
Cadmium	221C1R2	ND	6.30e-1	ug/g	1.40e-3	lbs/hr	CE
Cadmium	221C1R3	ND	6.30e-1	ug/g	1.40e-3	lbs/hr	CE
Cadmium	221C2R1	ND	6.30e-1	ug/g	3.56e-3	lbs/hr	CE
Cadmium	221C2R2	ND	6.30e-1	ug/g	3.56e-3	lbs/hr	CE
Cadmium	221C2R3	ND	6.30e-1	ug/g	3.56e-3	lbs/hr	CE
Cadmium	221C3R1	ND	1.30e-1	ug/g	1.07e-3	lbs/hr	CE
Cadmium	221C3R2	ND	1.30e-1	ug/g	1.07e-3	lbs/hr	CE
Cadmium	221C3R3	ND	1.30e-1	ug/g	1.07e-3	lbs/hr	CE
Cadmium	221C4R1		2.10e-1	ug/g	1.16e-3	lbs/hr	CE
Cadmium	221C4R2		2.10e-1	ug/g	1.16e-3	lbs/hr	CE
Cadmium	221C4R3		2.10e-1	ug/g	1.16e-3	lbs/hr	CE
Cadmium	221C5R1	ND	1.30e-1	ug/g	7.44e-4	lbs/hr	CE
Cadmium	221C5R2	ND	1.30e-1	ug/g	7.44e-4	lbs/hr	CE
Cadmium	221C5R3	ND	1.30e-1	ug/g	7.44e-4	lbs/hr	CE
Chromium	221C1R1		2.50e-1	ug/g	5.57e-4	lbs/hr	CE
Chromium	221C1R2		3.80e-1	ug/g	8.46e-4	lbs/hr	CE
Chromium	221C1R3		4.80e-1	ug/g	1.07e-3	lbs/hr	CE
Chromium	221C2R1		1.69e+0	ug/g	9.54e-3	lbs/hr	CE
Chromium	221C2R2		2.00e+0	ug/g	1.13e-2	lbs/hr	CE
Chromium	221C2R3		2.54e+0	ug/g	1.43e-2	lbs/hr	CE
Chromium	221C3R1		1.29e+0	ug/g	1.07e-2	lbs/hr	CE
Chromium	221C3R2		1.29e+0	ug/g	1.07e-2	lbs/hr	CE
Chromium	221C3R3		1.17e+0	ug/g	9.67e-3	lbs/hr	CE
Chromium	221C4R1		3.13e+0	ug/g	1.73e-2	lbs/hr	CE
Chromium	221C4R2		2.67e+0	ug/g	1.48e-2	lbs/hr	CE
Chromium	221C4R3		3.00e+0	ug/g	1.66e-2	lbs/hr	CE
Chromium	221C5R1		1.75e+0	ug/g	1.00e-2	lbs/hr	CE
Chromium	221C5R2		1.58e+0	ug/g	9.04e-3	lbs/hr	CE
Chromium	221C5R3		1.83e+0	ug/g	1.05e-2	lbs/hr	CE
Lead	221C1R1		1.25e+0	ug/g	2.78e-3	lbs/hr	CE
Lead	221C1R2		1.67e+0	ug/g	3.72e-3	lbs/hr	CE
Lead	221C1R3		1.88e+0	ug/g	4.18e-3	lbs/hr	CE
Lead	221C2R1		2.29e+0	ug/g	1.29e-2	lbs/hr	CE
Lead	221C2R2		1.88e+0	ug/g	1.06e-2	lbs/hr	CE
Lead	221C2R3		2.29e+0	ug/g	1.29e-2	lbs/hr	CE
Lead	221C3R1		4.17e+0	ug/g	3.45e-2	lbs/hr	CE
Lead	221C3R2		2.08e+0	ug/g	1.72e-2	lbs/hr	CE
Lead	221C3R3		2.50e+0	ug/g	2.07e-2	lbs/hr	CE
Lead	221C4R1		5.42e+0	ug/g	3.00e-2	lbs/hr	CE
Lead	221C4R2		3.75e+0	ug/g	2.08e-2	lbs/hr	CE
Lead	221C4R3		6.67e+0	ug/g	3.69e-2	lbs/hr	CE
Lead	221C5R1		3.75e+0	ug/g	2.15e-2	lbs/hr	CE
Lead	221C5R2		2.92e+0	ug/g	1.67e-2	lbs/hr	CE
Lead	221C5R3		3.75e+0	ug/g	2.15e-2	lbs/hr	CE
Mercury	221C1R1	ND	1.00e-1	ug/g	2.23e-4	lbs/hr	CE
Mercury	221C1R2	ND	1.00e-1	ug/g	2.23e-4	lbs/hr	CE
Mercury	221C1R3		1.50e-1	ug/g	3.34e-4	lbs/hr	CE

SECTION 8: OTHER STREAM ANALYSES

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

Mercury	221C2R1	ND	1.00e-1	ug/g	5.65e-4	lbs/hr	CE
Mercury	221C2R2		1.10e-1	ug/g	6.21e-4	lbs/hr	CE
Mercury	221C2R3	ND	1.00e-1	ug/g	5.65e-4	lbs/hr	CE
Mercury	221C3R1	ND	1.00e-1	ug/g	8.26e-4	lbs/hr	CE
Mercury	221C3R2	ND	1.00e-1	ug/g	8.26e-4	lbs/hr	CE
Mercury	221C3R3	ND	1.00e-1	ug/g	8.26e-4	lbs/hr	CE
Mercury	221C4R1	ND	1.00e-1	ug/g	5.54e-4	lbs/hr	CE
Mercury	221C4R2	ND	1.00e-1	ug/g	5.54e-4	lbs/hr	CE
Mercury	221C4R3	ND	1.00e-1	ug/g	5.54e-4	lbs/hr	CE
Mercury	221C5R1		3.00e-1	ug/g	1.72e-3	lbs/hr	CE
Mercury	221C5R2		1.10e-1	ug/g	6.30e-4	lbs/hr	CE
Mercury	221C5R3		1.30e-1	ug/g	7.44e-4	lbs/hr	CE
Nickel	221C1R1		2.70e-1	ug/g	6.01e-4	lbs/hr	CE
Nickel	221C1R2		2.10e-1	ug/g	4.67e-4	lbs/hr	CE
Nickel	221C1R3		4.20e-1	ug/g	9.35e-4	lbs/hr	CE
Nickel	221C2R1		3.50e-1	ug/g	1.98e-3	lbs/hr	CE
Nickel	221C2R2		4.40e-1	ug/g	2.48e-3	lbs/hr	CE
Nickel	221C2R3		6.30e-1	ug/g	3.56e-3	lbs/hr	CE
Nickel	221C3R1	ND	2.50e-1	ug/g	2.07e-3	lbs/hr	CE
Nickel	221C3R2	ND	2.50e-1	ug/g	2.07e-3	lbs/hr	CE
Nickel	221C3R3	ND	2.50e-1	ug/g	2.07e-3	lbs/hr	CE
Nickel	221C4R1		6.30e-1	ug/g	3.49e-3	lbs/hr	CE
Nickel	221C4R2		4.20e-1	ug/g	2.33e-3	lbs/hr	CE
Nickel	221C4R3		6.30e-1	ug/g	3.49e-3	lbs/hr	CE
Nickel	221C5R1	ND	2.50e-1	ug/g	1.43e-3	lbs/hr	CE
Nickel	221C5R2	ND	2.50e-1	ug/g	1.43e-3	lbs/hr	CE
Nickel	221C5R3	ND	2.50e-1	ug/g	1.43e-3	lbs/hr	CE

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate		Calc
Carbon Tetrachloride	221C1R1		1.50e+5	ug/g	3.34e+2	lbs/hr	CE
Carbon Tetrachloride	221C1R2		9.90e+4	ug/g	2.20e+2	lbs/hr	CE
Carbon Tetrachloride	221C1R3		1.50e+5	ug/g	3.34e+2	lbs/hr	CE
Carbon Tetrachloride	221C2R1		1.30e+5	ug/g	7.34e+2	lbs/hr	CE
Carbon Tetrachloride	221C2R2		1.10e+5	ug/g	6.21e+2	lbs/hr	CE
Carbon Tetrachloride	221C2R3		1.10e+5	ug/g	6.21e+2	lbs/hr	CE
Carbon Tetrachloride	221C3R1		1.30e+5	ug/g	1.07e+3	lbs/hr	CE
Carbon Tetrachloride	221C3R2		1.40e+5	ug/g	1.16e+3	lbs/hr	CE
Carbon Tetrachloride	221C3R3		1.40e+5	ug/g	1.16e+3	lbs/hr	CE
Carbon Tetrachloride	221C4R1		1.70e+5	ug/g	9.41e+2	lbs/hr	CE
Carbon Tetrachloride	221C4R2		1.70e+5	ug/g	9.41e+2	lbs/hr	CE
Carbon Tetrachloride	221C4R3		1.50e+5	ug/g	8.31e+2	lbs/hr	CE
Carbon Tetrachloride	221C5R1		1.50e+5	ug/g	8.59e+2	lbs/hr	CE
Carbon Tetrachloride	221C5R2		1.50e+5	ug/g	8.59e+2	lbs/hr	CE
Carbon Tetrachloride	221C5R3		1.40e+5	ug/g	8.01e+2	lbs/hr	CE

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

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate		Calc
Arsenic	221C2R1	ND	2.22e+0	ug/g	1.40e-2	lbs/hr	CE
Arsenic	221C2R2	ND	2.22e+0	ug/g	1.40e-2	lbs/hr	CE
Arsenic	221C2R3	ND	2.20e-1	ug/g	1.39e-3	lbs/hr	CE
Arsenic	221C4R1	ND	2.22e+0	ug/g	2.90e-2	lbs/hr	CE
Arsenic	221C4R2	ND	2.22e+0	ug/g	2.90e-2	lbs/hr	CE
Arsenic	221C4R3	ND	2.22e+0	ug/g	2.90e-2	lbs/hr	CE
Arsenic	221C5R1	ND	6.78e+0	ug/g	3.39e-2	lbs/hr	CE
Arsenic	221C5R2	ND	2.22e+0	ug/g	1.11e-2	lbs/hr	CE
Arsenic	221C5R3	ND	2.22e+0	ug/g	1.11e-2	lbs/hr	CE
Beryllium	221C2R1	ND	1.10e-1	ug/g	6.95e-4	lbs/hr	CE
Beryllium	221C2R2	ND	1.10e-1	ug/g	6.95e-4	lbs/hr	CE
Beryllium	221C2R3	ND	1.10e-1	ug/g	6.95e-4	lbs/hr	CE
Beryllium	221C4R1	ND	1.10e-1	ug/g	1.44e-3	lbs/hr	CE
Beryllium	221C4R2	ND	1.10e-1	ug/g	1.44e-3	lbs/hr	CE
Beryllium	221C4R3	ND	1.10e-1	ug/g	1.44e-3	lbs/hr	CE
Beryllium	221C5R1	ND	3.40e-1	ug/g	1.70e-3	lbs/hr	CE
Beryllium	221C5R2	ND	1.10e-1	ug/g	5.50e-4	lbs/hr	CE
Beryllium	221C5R3	ND	1.10e-1	ug/g	5.50e-4	lbs/hr	CE

SECTION 8: OTHER STREAM ANALYSES

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

Cadmium	221C2R1	ND	1.70e-1	ug/g	1.07e-3	lbs/hr	CE
Cadmium	221C2R2	ND	1.70e-1	ug/g	1.07e-3	lbs/hr	CE
Cadmium	221C2R3	ND	1.70e-1	ug/g	1.07e-3	lbs/hr	CE
Cadmium	221C4R1	ND	1.70e-1	ug/g	2.22e-3	lbs/hr	CE
Cadmium	221C4R2	ND	1.70e-1	ug/g	2.22e-3	lbs/hr	CE
Cadmium	221C4R3	ND	1.70e-1	ug/g	2.22e-3	lbs/hr	CE
Cadmium	221C5R1	ND	5.10e-1	ug/g	2.55e-3	lbs/hr	CE
Cadmium	221C5R2	ND	1.70e-1	ug/g	8.51e-4	lbs/hr	CE
Cadmium	221C5R3	ND	1.70e-1	ug/g	8.51e-4	lbs/hr	CE
Chromium	221C2R1		3.30e-1	ug/g	2.08e-3	lbs/hr	CE
Chromium	221C2R2		2.45e+1	ug/g	1.55e-1	lbs/hr	CE
Chromium	221C2R3		9.40e+0	ug/g	5.94e-2	lbs/hr	CE
Chromium	221C4R1		5.00e-1	ug/g	6.53e-3	lbs/hr	CE
Chromium	221C4R2		5.00e-1	ug/g	6.53e-3	lbs/hr	CE
Chromium	221C4R3		6.20e-1	ug/g	8.10e-3	lbs/hr	CE
Chromium	221C5R1		1.30e+0	ug/g	6.51e-3	lbs/hr	CE
Chromium	221C5R2		5.80e-1	ug/g	2.90e-3	lbs/hr	CE
Chromium	221C5R3		5.80e-1	ug/g	2.90e-3	lbs/hr	CE
Lead	221C2R1	ND	1.67e+0	ug/g	1.06e-2	lbs/hr	CE
Lead	221C2R2		2.23e+2	ug/g	1.41e+0	lbs/hr	CE
Lead	221C2R3		2.08e+0	ug/g	1.31e-2	lbs/hr	CE
Lead	221C4R1	ND	1.67e+0	ug/g	2.18e-2	lbs/hr	CE
Lead	221C4R2	ND	1.67e+0	ug/g	2.18e-2	lbs/hr	CE
Lead	221C4R3	ND	1.67e+0	ug/g	2.18e-2	lbs/hr	CE
Lead	221C5R1		6.43e+0	ug/g	3.22e-2	lbs/hr	CE
Lead	221C5R2	ND	1.67e+0	ug/g	8.36e-3	lbs/hr	CE
Lead	221C5R3	ND	1.67e+0	ug/g	8.36e-3	lbs/hr	CE
Mercury	221C2R1	ND	1.00e-1	ug/g	6.32e-4	lbs/hr	CE
Mercury	221C2R2		7.60e-1	ug/g	4.80e-3	lbs/hr	CE
Mercury	221C2R3		1.20e-1	ug/g	7.58e-4	lbs/hr	CE
Mercury	221C4R1	ND	1.00e-1	ug/g	1.31e-3	lbs/hr	CE
Mercury	221C4R2	ND	1.00e-1	ug/g	1.31e-3	lbs/hr	CE
Mercury	221C4R3	ND	1.00e-1	ug/g	1.31e-3	lbs/hr	CE
Mercury	221C5R1		2.40e-1	ug/g	1.20e-3	lbs/hr	CE
Mercury	221C5R2	ND	1.00e-1	ug/g	5.00e-4	lbs/hr	CE
Mercury	221C5R3	ND	1.00e-1	ug/g	5.00e-4	lbs/hr	CE
Nickel	221C2R1		1.08e+4	ug/g	6.79e+1	lbs/hr	CE
Nickel	221C2R2		2.16e+4	ug/g	1.36e+2	lbs/hr	CE
Nickel	221C2R3		2.97e+4	ug/g	1.87e+2	lbs/hr	CE
Nickel	221C4R1		8.30e-1	ug/g	1.08e-2	lbs/hr	CE
Nickel	221C4R2		1.17e+0	ug/g	1.53e-2	lbs/hr	CE
Nickel	221C4R3		5.14e+0	ug/g	6.71e-2	lbs/hr	CE
Nickel	221C5R1		7.33e+1	ug/g	3.67e-1	lbs/hr	CE
Nickel	221C5R2		1.32e+0	ug/g	6.61e-3	lbs/hr	CE
Nickel	221C5R3		1.32e+0	ug/g	6.61e-3	lbs/hr	CE

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate		Calc
Carbon Tetrachloride	221C2R1	ND	1.90e+0	ug/g	1.20e-2	lbs/hr	CE
Carbon Tetrachloride	221C2R2	ND	1.90e+0	ug/g	1.20e-2	lbs/hr	CE
Carbon Tetrachloride	221C2R3	ND	3.50e+0	ug/g	2.21e-2	lbs/hr	CE
Carbon Tetrachloride	221C4R1	ND	3.70e+0	ug/g	4.83e-2	lbs/hr	CE
Carbon Tetrachloride	221C4R2	ND	3.00e+0	ug/g	3.92e-2	lbs/hr	CE
Carbon Tetrachloride	221C4R3	ND	3.50e+0	ug/g	4.57e-2	lbs/hr	CE
Carbon Tetrachloride	221C5R1	ND	3.30e+0	ug/g	1.65e-2	lbs/hr	CE
Carbon Tetrachloride	221C5R2	ND	3.30e+0	ug/g	1.65e-2	lbs/hr	CE
Carbon Tetrachloride	221C5R3	ND	3.30e+0	ug/g	1.65e-2	lbs/hr	CE

6. Description: T-OX WASTE WATER
Group: ROTARY KILN Location: SECONDARY CHAMBER Phase: LIQUID

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate		Calc
Arsenic	221C2R1	ND	1.00e+0	ug/g	3.96e-3	lbs/hr	CE
Arsenic	221C2R2	ND	1.00e+0	ug/g	3.96e-3	lbs/hr	CE
Arsenic	221C2R3	ND	1.00e+0	ug/g	3.96e-3	lbs/hr	CE
Arsenic	221C3R1	ND	1.00e+0	ug/g	3.97e-3	lbs/hr	CE
Arsenic	221C3R2	ND	1.00e+0	ug/g	3.97e-3	lbs/hr	CE

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

Arsenic	221C3R3	ND	1.00e+0	ug/g	3.97e-3	lbs/hr	CE
Arsenic	221C4R1	ND	1.00e+0	ug/g	3.37e-3	lbs/hr	CE
Arsenic	221C4R2	ND	1.00e+0	ug/g	3.37e-3	lbs/hr	CE
Arsenic	221C4R3	ND	1.00e+0	ug/g	3.37e-3	lbs/hr	CE
Beryllium	221C2R1	ND	5.00e-2	ug/g	1.98e-4	lbs/hr	CE
Beryllium	221C2R2	ND	5.00e-2	ug/g	1.98e-4	lbs/hr	CE
Beryllium	221C2R3	ND	5.00e-2	ug/g	1.98e-4	lbs/hr	CE
Beryllium	221C3R1	ND	5.00e-2	ug/g	1.98e-4	lbs/hr	CE
Beryllium	221C3R2	ND	5.00e-2	ug/g	1.98e-4	lbs/hr	CE
Beryllium	221C3R3	ND	5.00e-2	ug/g	1.98e-4	lbs/hr	CE
Beryllium	221C4R1	ND	5.00e-2	ug/g	1.68e-4	lbs/hr	CE
Beryllium	221C4R2	ND	5.00e-2	ug/g	1.68e-4	lbs/hr	CE
Beryllium	221C4R3	ND	5.00e-2	ug/g	1.68e-4	lbs/hr	CE
Cadmium	221C2R1	ND	7.50e-2	ug/g	2.97e-4	lbs/hr	CE
Cadmium	221C2R2	ND	7.50e-2	ug/g	2.97e-4	lbs/hr	CE
Cadmium	221C2R3	ND	7.50e-2	ug/g	2.97e-4	lbs/hr	CE
Cadmium	221C3R1	ND	7.50e-2	ug/g	2.97e-4	lbs/hr	CE
Cadmium	221C3R2	ND	7.50e-2	ug/g	2.97e-4	lbs/hr	CE
Cadmium	221C3R3	ND	7.50e-2	ug/g	2.97e-4	lbs/hr	CE
Cadmium	221C4R1	ND	7.50e-2	ug/g	2.52e-4	lbs/hr	CE
Cadmium	221C4R2	ND	7.50e-2	ug/g	2.52e-4	lbs/hr	CE
Cadmium	221C4R3	ND	7.50e-2	ug/g	2.52e-4	lbs/hr	CE
Chromium	221C2R1		3.00e-1	ug/g	1.19e-3	lbs/hr	CE
Chromium	221C2R2		2.00e-1	ug/g	7.92e-4	lbs/hr	CE
Chromium	221C2R3		2.70e-1	ug/g	1.07e-3	lbs/hr	CE
Chromium	221C3R1		3.30e-1	ug/g	1.31e-3	lbs/hr	CE
Chromium	221C3R2		2.00e-1	ug/g	7.93e-4	lbs/hr	CE
Chromium	221C3R3	ND	1.00e-1	ug/g	3.97e-4	lbs/hr	CE
Chromium	221C4R1		6.60e-1	ug/g	2.22e-3	lbs/hr	CE
Chromium	221C4R2		2.40e-1	ug/g	8.08e-4	lbs/hr	CE
Chromium	221C4R3		2.60e-1	ug/g	8.75e-4	lbs/hr	CE
Lead	221C2R1	ND	7.50e-1	ug/g	2.97e-3	lbs/hr	CE
Lead	221C2R2	ND	7.50e-1	ug/g	2.97e-3	lbs/hr	CE
Lead	221C2R3	ND	7.50e-1	ug/g	2.97e-3	lbs/hr	CE
Lead	221C3R1	ND	7.50e-1	ug/g	2.97e-3	lbs/hr	CE
Lead	221C3R2	ND	7.50e-1	ug/g	2.97e-3	lbs/hr	CE
Lead	221C3R3	ND	7.50e-1	ug/g	2.97e-3	lbs/hr	CE
Lead	221C4R1		1.00e+0	ug/g	3.37e-3	lbs/hr	CE
Lead	221C4R2		7.60e-1	ug/g	2.56e-3	lbs/hr	CE
Lead	221C4R3	ND	7.50e-1	ug/g	2.52e-3	lbs/hr	CE
Mercury	221C2R1	ND	1.00e-1	ug/g	3.96e-4	lbs/hr	CE
Mercury	221C2R2	ND	1.00e-1	ug/g	3.96e-4	lbs/hr	CE
Mercury	221C2R3	ND	1.00e-1	ug/g	3.96e-4	lbs/hr	CE
Mercury	221C3R1	ND	1.00e-1	ug/g	3.97e-4	lbs/hr	CE
Mercury	221C3R2	ND	1.00e-1	ug/g	3.97e-4	lbs/hr	CE
Mercury	221C3R3	ND	1.00e-1	ug/g	3.97e-4	lbs/hr	CE
Mercury	221C4R1	ND	1.00e-1	ug/g	3.37e-4	lbs/hr	CE
Mercury	221C4R2	ND	1.00e-1	ug/g	3.37e-4	lbs/hr	CE
Mercury	221C4R3	ND	1.00e-1	ug/g	3.37e-4	lbs/hr	CE
Nickel	221C2R1		2.00e-1	ug/g	7.92e-4	lbs/hr	CE
Nickel	221C2R2		1.90e-1	ug/g	7.52e-4	lbs/hr	CE
Nickel	221C2R3		2.90e-1	ug/g	1.15e-3	lbs/hr	CE
Nickel	221C3R1	ND	4.30e-1	ug/g	1.71e-3	lbs/hr	CE
Nickel	221C3R2		3.80e-1	ug/g	1.51e-3	lbs/hr	CE
Nickel	221C3R3		1.50e-1	ug/g	5.95e-4	lbs/hr	CE
Nickel	221C4R1		1.80e-1	ug/g	6.06e-4	lbs/hr	CE
Nickel	221C4R2		3.50e-1	ug/g	1.18e-3	lbs/hr	CE
Nickel	221C4R3		3.80e-1	ug/g	1.28e-3	lbs/hr	CE

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate		Calc
Carbon Tetrachloride	221C2R1		5.10e+3	ug/g	2.02e+1	lbs/hr	CE
Carbon Tetrachloride	221C2R2		2.90e+3	ug/g	1.15e+1	lbs/hr	CE
Carbon Tetrachloride	221C2R3		4.30e+3	ug/g	1.70e+1	lbs/hr	CE
Carbon Tetrachloride	221C3R1		3.30e+3	ug/g	1.31e+1	lbs/hr	CE
Carbon Tetrachloride	221C3R2		4.20e+3	ug/g	1.67e+1	lbs/hr	CE
Carbon Tetrachloride	221C3R3		3.80e+3	ug/g	1.51e+1	lbs/hr	CE
Carbon Tetrachloride	221C4R1		3.70e+3	ug/g	1.25e+1	lbs/hr	CE
Carbon Tetrachloride	221C4R2		3.20e+3	ug/g	1.08e+1	lbs/hr	CE
Carbon Tetrachloride	221C4R3		3.30e+3	ug/g	1.11e+1	lbs/hr	CE

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

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

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Arsenic	221C3R1	1.74e+2	ug/g	1.12e+0	lbs/hr	CE
Arsenic	221C3R2	1.60e+2	ug/g	1.03e+0	lbs/hr	CE
Arsenic	221C3R3	1.10e+2	ug/g	7.09e-1	lbs/hr	CE
Arsenic	221C5R1	2.15e+2	ug/g	1.09e+0	lbs/hr	CE
Arsenic	221C5R2	2.28e+2	ug/g	1.16e+0	lbs/hr	CE
Arsenic	221C5R3	1.90e+2	ug/g	9.64e-1	lbs/hr	CE
Beryllium	221C3R1	ND 1.00e-1	ug/g	6.44e-4	lbs/hr	CE
Beryllium	221C3R2	ND 1.00e-1	ug/g	6.44e-4	lbs/hr	CE
Beryllium	221C3R3	ND 1.00e-1	ug/g	6.44e-4	lbs/hr	CE
Beryllium	221C5R1	ND 1.00e-1	ug/g	5.08e-4	lbs/hr	CE
Beryllium	221C5R2	ND 1.00e-1	ug/g	5.08e-4	lbs/hr	CE
Beryllium	221C5R3	ND 1.00e-1	ug/g	5.08e-4	lbs/hr	CE
Cadmium	221C3R1	2.45e+0	ug/g	1.58e-2	lbs/hr	CE
Cadmium	221C3R2	2.29e+0	ug/g	1.48e-2	lbs/hr	CE
Cadmium	221C3R3	1.52e+0	ug/g	9.79e-3	lbs/hr	CE
Cadmium	221C5R1	3.14e+0	ug/g	1.59e-2	lbs/hr	CE
Cadmium	221C5R2	3.31e+0	ug/g	1.68e-2	lbs/hr	CE
Cadmium	221C5R3	2.74e+0	ug/g	1.39e-2	lbs/hr	CE
Chromium	221C3R1	4.64e+1	ug/g	2.99e-1	lbs/hr	CE
Chromium	221C3R2	4.66e+1	ug/g	3.00e-1	lbs/hr	CE
Chromium	221C3R3	2.90e+1	ug/g	1.87e-1	lbs/hr	CE
Chromium	221C5R1	5.98e+1	ug/g	3.04e-1	lbs/hr	CE
Chromium	221C5R2	6.36e+1	ug/g	3.23e-1	lbs/hr	CE
Chromium	221C5R3	5.39e+1	ug/g	2.74e-1	lbs/hr	CE
Lead	221C3R1	1.80e+1	ug/g	1.16e-1	lbs/hr	CE
Lead	221C3R2	1.90e+1	ug/g	1.22e-1	lbs/hr	CE
Lead	221C3R3	1.10e+1	ug/g	7.09e-2	lbs/hr	CE
Lead	221C5R1	2.20e+1	ug/g	1.12e-1	lbs/hr	CE
Lead	221C5R2	2.60e+1	ug/g	1.32e-1	lbs/hr	CE
Lead	221C5R3	1.90e+1	ug/g	9.64e-2	lbs/hr	CE
Mercury	221C3R1	4.30e-1	ug/g	2.77e-3	lbs/hr	CE
Mercury	221C3R2	3.60e-1	ug/g	2.32e-3	lbs/hr	CE
Mercury	221C3R3	5.30e-1	ug/g	3.42e-3	lbs/hr	CE
Mercury	221C5R1	7.60e-1	ug/g	3.86e-3	lbs/hr	CE
Mercury	221C5R2	9.20e-1	ug/g	4.67e-3	lbs/hr	CE
Mercury	221C5R3	1.08e+0	ug/g	5.48e-3	lbs/hr	CE
Nickel	221C3R1	4.96e+1	ug/g	3.20e-1	lbs/hr	CE
Nickel	221C3R2	4.78e+1	ug/g	3.08e-1	lbs/hr	CE
Nickel	221C3R3	3.56e+1	ug/g	2.29e-1	lbs/hr	CE
Nickel	221C5R1	6.32e+1	ug/g	3.21e-1	lbs/hr	CE
Nickel	221C5R2	5.80e+1	ug/g	2.94e-1	lbs/hr	CE
Nickel	221C5R3	5.08e+1	ug/g	2.58e-1	lbs/hr	CE

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Carbon Tetrachloride	221C3R1	4.20e+4	ug/g	2.71e+2	lbs/hr	CE
Carbon Tetrachloride	221C3R2	4.47e+4	ug/g	2.88e+2	lbs/hr	CE
Carbon Tetrachloride	221C3R3	4.49e+4	ug/g	2.89e+2	lbs/hr	CE
Carbon Tetrachloride	221C5R1	1.51e+5	ug/g	7.67e+2	lbs/hr	CE
Carbon Tetrachloride	221C5R2	1.39e+5	ug/g	7.08e+2	lbs/hr	CE
Carbon Tetrachloride	221C5R3	1.06e+5	ug/g	5.37e+2	lbs/hr	CE

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

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate		Calc
Arsenic	221C3R1	2.79e+1	ug/g	1.74e-1	lbs/hr	CE
Arsenic	221C3R2	3.26e+1	ug/g	2.03e-1	lbs/hr	CE

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

Arsenic	221C3R3		2.27e+1	ug/g	1.41e-1	lbs/hr	CE
Beryllium	221C3R1		4.21e+0	ug/g	2.62e-2	lbs/hr	CE
Beryllium	221C3R2		4.31e+0	ug/g	2.68e-2	lbs/hr	CE
Beryllium	221C3R3		3.64e+0	ug/g	2.27e-2	lbs/hr	CE
Cadmium	221C3R1		3.16e+0	ug/g	1.97e-2	lbs/hr	CE
Cadmium	221C3R2		3.51e+0	ug/g	2.19e-2	lbs/hr	CE
Cadmium	221C3R3		2.27e+0	ug/g	1.41e-2	lbs/hr	CE
Chromium	221C3R1		8.95e+1	ug/g	5.57e-1	lbs/hr	CE
Chromium	221C3R2		6.17e+1	ug/g	3.84e-1	lbs/hr	CE
Chromium	221C3R3		4.50e+1	ug/g	2.80e-1	lbs/hr	CE
Lead	221C3R1		3.32e+1	ug/g	2.07e-1	lbs/hr	CE
Lead	221C3R2		2.71e+1	ug/g	1.69e-1	lbs/hr	CE
Lead	221C3R3		4.09e+0	ug/g	2.55e-2	lbs/hr	CE
Mercury	221C3R1	ND	1.00e-1	ug/g	6.23e-4	lbs/hr	CE
Mercury	221C3R2		1.30e-1	ug/g	8.10e-4	lbs/hr	CE
Mercury	221C3R3	ND	1.00e-1	ug/g	6.23e-4	lbs/hr	CE
Nickel	221C3R1		3.73e+2	ug/g	2.32e+0	lbs/hr	CE
Nickel	221C3R2		1.08e+2	ug/g	6.73e-1	lbs/hr	CE
Nickel	221C3R3		9.09e+1	ug/g	5.66e-1	lbs/hr	CE

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate		Calc
Carbon Tetrachloride	221C3R1		1.20e+5	ug/g	7.47e+2	lbs/hr	CE
Carbon Tetrachloride	221C3R2		3.00e+4	ug/g	1.87e+2	lbs/hr	CE
Carbon Tetrachloride	221C3R3		1.30e+5	ug/g	8.10e+2	lbs/hr	CE

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

5. Type: WASTE

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

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate	Calc
Toluene	726C1R1	1.00e+6	ug/g	0.00e+0	
Toluene	726C1R2	1.00e+6	ug/g	0.00e+0	
Toluene	726C1R3	1.00e+6	ug/g	0.00e+0	
Toluene	726C2R1	1.00e+6	ug/g	0.00e+0	
Toluene	726C2R2	1.00e+6	ug/g	0.00e+0	
Toluene	726C2R3	1.00e+6	ug/g	0.00e+0	