

US EPA ARCHIVE DOCUMENT

SECTION 7: EMISSIONS 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: CONTROLLED

6. Description: EMISSIONS Process Group: LIQUID INJECTION Location: STACK Phase: GAS

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
HCl	714C1R1	6.06e+1 ppmv 7%O2	5.11e+0 lbs/hr	CE7%O2
HCl	714C1R2	6.15e+1 ppmv 7%O2	4.96e+0 lbs/hr	CE7%O2
HCl	714C1R3	6.83e+1 ppmv 7%O2	5.68e+0 lbs/hr	CE7%O2
HCl	714C2R1	5.96e+1 ppmv 7%O2	5.41e+0 lbs/hr	CE7%O2
HCl	714C2R2	5.83e+1 ppmv 7%O2	5.04e+0 lbs/hr	CE7%O2
HCl	714C2R3	7.26e+1 ppmv 7%O2	6.19e+0 lbs/hr	CE7%O2
HCl	714C3R1	2.23e+1 ppmv 7%O2	1.62e+0 lbs/hr	CE7%O2
HCl	714C3R2	3.18e+1 ppmv 7%O2	2.43e+0 lbs/hr	CE7%O2
HCl	714C3R3	3.62e+1 ppmv 7%O2	2.69e+0 lbs/hr	CE7%O2
HCl	714C4R1	3.37e+0 ppmv 7%O2	1.76e-1 lbs/hr	CE7%O2
HCl	714C4R2	6.75e+0 ppmv 7%O2	3.72e-1 lbs/hr	CE7%O2
HCl	714C4R3	7.00e+0 ppmv 7%O2	3.61e-1 lbs/hr	CE7%O2
HCl	714C5R1	1.78e+2 ppmv 7%O2	1.34e+1 lbs/hr	CE7%O2
HCl	714C5R2	8.43e+1 ppmv 7%O2	6.09e+0 lbs/hr	CE7%O2
HCl	714C5R3	9.05e+1 ppmv 7%O2	6.54e+0 lbs/hr	CE7%O2

7. Category: Particulate

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Particulate	714C1R1	3.20e-2 gr/dscf 7%O2	4.09e+0 lbs/hr	CE
Particulate	714C1R2	4.40e-2 gr/dscf 7%O2	5.38e+0 lbs/hr	CE
Particulate	714C1R3	3.80e-2 gr/dscf 7%O2	4.79e+0 lbs/hr	CE
Particulate	714C2R1	8.00e-3 gr/dscf 7%O2	1.10e+0 lbs/hr	CE
Particulate	714C2R2	9.00e-3 gr/dscf 7%O2	1.18e+0 lbs/hr	CE
Particulate	714C2R3	1.10e-2 gr/dscf 7%O2	1.42e+0 lbs/hr	CE
Particulate	714C3R1	5.00e-3 gr/dscf 7%O2	5.51e-1 lbs/hr	CE
Particulate	714C3R2	6.00e-3 gr/dscf 7%O2	6.96e-1 lbs/hr	CE
Particulate	714C3R3	6.00e-3 gr/dscf 7%O2	6.74e-1 lbs/hr	CE
Particulate	714C4R1	3.00e-3 gr/dscf 7%O2	2.37e-1 lbs/hr	CE
Particulate	714C4R2	3.00e-3 gr/dscf 7%O2	2.50e-1 lbs/hr	CE
Particulate	714C4R3	4.00e-3 gr/dscf 7%O2	3.12e-1 lbs/hr	CE
Particulate	714C5R1	3.60e-2 gr/dscf 7%O2	4.10e+0 lbs/hr	CE
Particulate	714C5R2	2.80e-2 gr/dscf 7%O2	3.07e+0 lbs/hr	CE
Particulate	714C5R3	4.00e-2 gr/dscf 7%O2	4.38e+0 lbs/hr	CE

7. Category: SVOC

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
4-Methyl-2-pentanone	714C1R1	6.41e+4 ng/dscm 7%O2	3.58e-3 lbs/hr	CE7%O2
4-Methyl-2-pentanone	714C1R2	ND 0.00e+0	0.00e+0	
4-Methyl-2-pentanone	714C1R3	ND 0.00e+0	0.00e+0	
4-Methyl-2-pentanone	714C2R1	ND 0.00e+0	0.00e+0	
4-Methyl-2-pentanone	714C2R2	ND 0.00e+0	0.00e+0	
4-Methyl-2-pentanone	714C2R3	ND 0.00e+0	0.00e+0	
4-Methyl-2-pentanone	714C3R1	ND 0.00e+0	0.00e+0	
4-Methyl-2-pentanone	714C3R2	ND 0.00e+0	0.00e+0	
4-Methyl-2-pentanone	714C3R3	ND 0.00e+0	0.00e+0	
4-Methyl-2-pentanone	714C4R1	ND 0.00e+0	0.00e+0	
4-Methyl-2-pentanone	714C4R2	ND 0.00e+0	0.00e+0	
4-Methyl-2-pentanone	714C4R3	ND 0.00e+0	0.00e+0	
4-Methyl-2-pentanone	714C5R1	ND 0.00e+0	0.00e+0	
4-Methyl-2-pentanone	714C5R2	ND 0.00e+0	0.00e+0	
4-Methyl-2-pentanone	714C5R3	ND 0.00e+0	0.00e+0	
Chlorodibromomethane	714C1R1	8.57e+4 ng/dscm 7%O2	4.78e-3 lbs/hr	CE7%O2
Chlorodibromomethane	714C1R2	8.85e+4 ng/dscm 7%O2	4.72e-3 lbs/hr	CE7%O2

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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

Chlorodibromomethane	714C1R3		9.83e+4	ng/dscm 7%O2	5.41e-3	lbs/hr	CE7%O2
Chlorodibromomethane	714C2R1		1.12e+5	ng/dscm 7%O2	6.70e-3	lbs/hr	CE7%O2
Chlorodibromomethane	714C2R2		9.71e+4	ng/dscm 7%O2	5.56e-3	lbs/hr	CE7%O2
Chlorodibromomethane	714C2R3		7.17e+4	ng/dscm 7%O2	4.04e-3	lbs/hr	CE7%O2
Chlorodibromomethane	714C3R1		8.56e+4	ng/dscm 7%O2	4.12e-3	lbs/hr	CE7%O2
Chlorodibromomethane	714C3R2		1.22e+5	ng/dscm 7%O2	6.18e-3	lbs/hr	CE7%O2
Chlorodibromomethane	714C3R3		1.15e+5	ng/dscm 7%O2	5.63e-3	lbs/hr	CE7%O2
Chlorodibromomethane	714C4R1		1.46e+4	ng/dscm 7%O2	5.02e-4	lbs/hr	CE7%O2
Chlorodibromomethane	714C4R2	4	7.29e+3	ng/dscm 7%O2	2.66e-4	lbs/hr	CE7%O2
Chlorodibromomethane	714C4R3		1.51e+4	ng/dscm 7%O2	5.15e-4	lbs/hr	CE7%O2
Chlorodibromomethane	714C5R1		4.24e+4	ng/dscm 7%O2	2.11e-3	lbs/hr	CE7%O2
Chlorodibromomethane	714C5R2		2.14e+4	ng/dscm 7%O2	1.02e-3	lbs/hr	CE7%O2
Chlorodibromomethane	714C5R3		1.07e+4	ng/dscm 7%O2	5.12e-4	lbs/hr	CE7%O2
Ethylbenzene	714C1R1		3.88e+4	ng/dscm 7%O2	2.16e-3	lbs/hr	CE7%O2
Ethylbenzene	714C1R2	ND	0.00e+0		0.00e+0		
Ethylbenzene	714C1R3	4	2.50e+3	ng/dscm 7%O2	1.38e-4	lbs/hr	CE7%O2
Ethylbenzene	714C2R1	ND	0.00e+0		0.00e+0		
Ethylbenzene	714C2R2	ND	0.00e+0		0.00e+0		
Ethylbenzene	714C2R3	ND	0.00e+0		0.00e+0		
Ethylbenzene	714C3R1	ND	0.00e+0		0.00e+0		
Ethylbenzene	714C3R2	ND	0.00e+0		0.00e+0		
Ethylbenzene	714C3R3	ND	0.00e+0		0.00e+0		
Ethylbenzene	714C4R1	ND	0.00e+0		0.00e+0		
Ethylbenzene	714C4R2	ND	0.00e+0		0.00e+0		
Ethylbenzene	714C4R3	ND	0.00e+0		0.00e+0		
Ethylbenzene	714C5R1	ND	0.00e+0		0.00e+0		
Ethylbenzene	714C5R2	ND	0.00e+0		0.00e+0		
Ethylbenzene	714C5R3	ND	0.00e+0		0.00e+0		

7. Category: THC & CO

Analysis:

8. Substance	9. Run ID		Concentration		Mass Rate		Calc
☐	714C1R1		6.62e+1	ppmv 7%O2	4.29e+0	lbs/hr	CE7%O2
☐	714C1R2		2.51e+1	ppmv 7%O2	1.55e+0	lbs/hr	CE7%O2
☐	714C1R3		0.00e+0		0.00e+0		
☐	714C2R1		3.48e+1	ppmv 7%O2	2.42e+0	lbs/hr	CE7%O2
☐	714C2R2		1.23e+1	ppmv 7%O2	8.15e-1	lbs/hr	CE7%O2
☐	714C2R3		8.30e+0	ppmv 7%O2	5.44e-1	lbs/hr	CE7%O2
☐	714C3R1		0.00e+0		0.00e+0		
☐	714C3R2	ND	1.18e+0	ppmv 7%O2	6.93e-2	lbs/hr	CE7%O2
☐	714C3R3		0.00e+0		0.00e+0		
☐	714C4R1		0.00e+0		0.00e+0		
☐	714C4R2		0.00e+0		0.00e+0		
☐	714C4R3		0.00e+0		0.00e+0		
☐	714C5R1		0.00e+0		0.00e+0		
☐	714C5R2		1.61e+1	ppmv 7%O2	8.95e-1	lbs/hr	CE7%O2
☐	714C5R3	ND	1.24e+0	ppmv 7%O2	6.88e-2	lbs/hr	CE7%O2

7. Category: VOC

Analysis:

8. Substance	9. Run ID		Concentration		Mass Rate		Calc
1,1,1-Trichloroethane	714C1R1	4	3.05e+3	ng/dscm 7%O2	1.70e-4	lbs/hr	CE7%O2
1,1,1-Trichloroethane	714C1R2	ND	0.00e+0		0.00e+0		
1,1,1-Trichloroethane	714C1R3	ND	0.00e+0		0.00e+0		
1,1,1-Trichloroethane	714C2R1	4	2.75e+3	ng/dscm 7%O2	1.65e-4	lbs/hr	CE7%O2
1,1,1-Trichloroethane	714C2R2	4	2.83e+3	ng/dscm 7%O2	1.62e-4	lbs/hr	CE7%O2
1,1,1-Trichloroethane	714C2R3	4	2.87e+3	ng/dscm 7%O2	1.62e-4	lbs/hr	CE7%O2
1,1,1-Trichloroethane	714C3R1	ND	0.00e+0		0.00e+0		
1,1,1-Trichloroethane	714C3R2	ND	0.00e+0		0.00e+0		
1,1,1-Trichloroethane	714C3R3	4	3.34e+3	ng/dscm 7%O2	1.64e-4	lbs/hr	CE7%O2
1,1,1-Trichloroethane	714C4R1	4	4.67e+3	ng/dscm 7%O2	1.61e-4	lbs/hr	CE7%O2
1,1,1-Trichloroethane	714C4R2	4	4.67e+3	ng/dscm 7%O2	1.70e-4	lbs/hr	CE7%O2

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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

1,1,1-Trichloroethane	714C4R3	4	4.84e+3	ng/dscm 7%O2	1.65e-4	lbs/hr	CE7%O2
1,1,1-Trichloroethane	714C5R1	4	3.40e+3	ng/dscm 7%O2	1.69e-4	lbs/hr	CE7%O2
1,1,1-Trichloroethane	714C5R2	4	3.43e+3	ng/dscm 7%O2	1.64e-4	lbs/hr	CE7%O2
1,1,1-Trichloroethane	714C5R3	ND	0.00e+0		0.00e+0		
1,1,2,2-Tetrachloroethane	714C1R1	ND	0.00e+0		0.00e+0		
1,1,2,2-Tetrachloroethane	714C1R2	ND	0.00e+0		0.00e+0		
1,1,2,2-Tetrachloroethane	714C1R3	ND	0.00e+0		0.00e+0		
1,1,2,2-Tetrachloroethane	714C2R1	ND	0.00e+0		0.00e+0		
1,1,2,2-Tetrachloroethane	714C2R2	4	3.45e+3	ng/dscm 7%O2	1.98e-4	lbs/hr	CE7%O2
1,1,2,2-Tetrachloroethane	714C2R3	4	3.50e+3	ng/dscm 7%O2	1.98e-4	lbs/hr	CE7%O2
1,1,2,2-Tetrachloroethane	714C3R1	ND	0.00e+0		0.00e+0		
1,1,2,2-Tetrachloroethane	714C3R2	ND	0.00e+0		0.00e+0		
1,1,2,2-Tetrachloroethane	714C3R3	ND	0.00e+0		0.00e+0		
1,1,2,2-Tetrachloroethane	714C4R1	ND	0.00e+0		0.00e+0		
1,1,2,2-Tetrachloroethane	714C4R2	ND	0.00e+0		0.00e+0		
1,1,2,2-Tetrachloroethane	714C4R3	ND	0.00e+0		0.00e+0		
1,1,2,2-Tetrachloroethane	714C5R1	ND	0.00e+0		0.00e+0		
1,1,2,2-Tetrachloroethane	714C5R2	ND	0.00e+0		0.00e+0		
1,1,2,2-Tetrachloroethane	714C5R3	ND	0.00e+0		0.00e+0		
1,1,2-Trichloroethane	714C1R1	ND	5.32e+2	ng/dscm 7%O2	2.97e-5	lbs/hr	CE7%O2
1,1,2-Trichloroethane	714C1R2	ND	5.49e+2	ng/dscm 7%O2	2.93e-5	lbs/hr	CE7%O2
1,1,2-Trichloroethane	714C1R3	ND	5.49e+2	ng/dscm 7%O2	3.02e-5	lbs/hr	CE7%O2
1,1,2-Trichloroethane	714C2R1		0.00e+0		0.00e+0		
1,1,2-Trichloroethane	714C2R2		0.00e+0		0.00e+0		
1,1,2-Trichloroethane	714C2R3		0.00e+0		0.00e+0		
1,1,2-Trichloroethane	714C3R1		0.00e+0		0.00e+0		
1,1,2-Trichloroethane	714C3R2		0.00e+0		0.00e+0		
1,1,2-Trichloroethane	714C3R3		0.00e+0		0.00e+0		
1,1,2-Trichloroethane	714C4R1		0.00e+0		0.00e+0		
1,1,2-Trichloroethane	714C4R2		0.00e+0		0.00e+0		
1,1,2-Trichloroethane	714C4R3		0.00e+0		0.00e+0		
1,1,2-Trichloroethane	714C5R1	ND	5.92e+2	ng/dscm 7%O2	2.95e-5	lbs/hr	CE7%O2
1,1,2-Trichloroethane	714C5R2	ND	5.98e+2	ng/dscm 7%O2	2.86e-5	lbs/hr	CE7%O2
1,1,2-Trichloroethane	714C5R3	ND	5.98e+2	ng/dscm 7%O2	2.86e-5	lbs/hr	CE7%O2
1,1-Dichloroethane	714C1R1	ND	0.00e+0		0.00e+0		
1,1-Dichloroethane	714C1R2	ND	0.00e+0		0.00e+0		
1,1-Dichloroethane	714C1R3	ND	0.00e+0		0.00e+0		
1,1-Dichloroethane	714C2R1	ND	0.00e+0		0.00e+0		
1,1-Dichloroethane	714C2R2	ND	0.00e+0		0.00e+0		
1,1-Dichloroethane	714C2R3	ND	0.00e+0		0.00e+0		
1,1-Dichloroethane	714C3R1	ND	0.00e+0		0.00e+0		
1,1-Dichloroethane	714C3R2	ND	0.00e+0		0.00e+0		
1,1-Dichloroethane	714C3R3	ND	0.00e+0		0.00e+0		
1,1-Dichloroethane	714C4R1	ND	0.00e+0		0.00e+0		
1,1-Dichloroethane	714C4R2	ND	0.00e+0		0.00e+0		
1,1-Dichloroethane	714C4R3	ND	0.00e+0		0.00e+0		
1,1-Dichloroethane	714C5R1	ND	0.00e+0		0.00e+0		
1,1-Dichloroethane	714C5R2	ND	0.00e+0		0.00e+0		
1,1-Dichloroethane	714C5R3	4	2.54e+3	ng/dscm 7%O2	1.22e-4	lbs/hr	CE7%O2
1,2-Dichloroethane	714C1R1		4.98e+3	ng/dscm 7%O2	2.78e-4	lbs/hr	CE7%O2
1,2-Dichloroethane	714C1R2		5.61e+3	ng/dscm 7%O2	2.99e-4	lbs/hr	CE7%O2
1,2-Dichloroethane	714C1R3	ND	7.48e+2	ng/dscm 7%O2	4.11e-5	lbs/hr	CE7%O2
1,2-Dichloroethane	714C2R1		1.22e+4	ng/dscm 7%O2	7.34e-4	lbs/hr	CE7%O2
1,2-Dichloroethane	714C2R2		3.78e+4	ng/dscm 7%O2	2.16e-3	lbs/hr	CE7%O2
1,2-Dichloroethane	714C2R3		2.98e+4	ng/dscm 7%O2	1.68e-3	lbs/hr	CE7%O2
1,2-Dichloroethane	714C3R1		1.53e+4	ng/dscm 7%O2	7.34e-4	lbs/hr	CE7%O2
1,2-Dichloroethane	714C3R2		4.83e+3	ng/dscm 7%O2	2.45e-4	lbs/hr	CE7%O2
1,2-Dichloroethane	714C3R3		1.49e+4	ng/dscm 7%O2	7.30e-4	lbs/hr	CE7%O2
1,2-Dichloroethane	714C4R1		2.08e+4	ng/dscm 7%O2	7.16e-4	lbs/hr	CE7%O2
1,2-Dichloroethane	714C4R2		2.08e+4	ng/dscm 7%O2	7.57e-4	lbs/hr	CE7%O2
1,2-Dichloroethane	714C4R3	4	3.59e+3	ng/dscm 7%O2	1.22e-4	lbs/hr	CE7%O2
1,2-Dichloroethane	714C5R1		1.06e+4	ng/dscm 7%O2	5.27e-4	lbs/hr	CE7%O2
1,2-Dichloroethane	714C5R2		7.63e+3	ng/dscm 7%O2	3.65e-4	lbs/hr	CE7%O2

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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

1,2-Dichloroethane	714C5R3		3.56e+3	ng/dscm 7%O2	1.70e-4	lbs/hr	CE7%O2
1,2-Dichloropropane	714C1R1		5.17e+3	ng/dscm 7%O2	2.88e-4	lbs/hr	CE7%O2
1,2-Dichloropropane	714C1R2	ND	0.00e+0		0.00e+0		
1,2-Dichloropropane	714C1R3	ND	0.00e+0		0.00e+0		
1,2-Dichloropropane	714C2R1	ND	0.00e+0		0.00e+0		
1,2-Dichloropropane	714C2R2	ND	0.00e+0		0.00e+0		
1,2-Dichloropropane	714C2R3	4	2.43e+3	ng/dscm 7%O2	1.37e-4	lbs/hr	CE7%O2
1,2-Dichloropropane	714C3R1	ND	0.00e+0		0.00e+0		
1,2-Dichloropropane	714C3R2	ND	0.00e+0		0.00e+0		
1,2-Dichloropropane	714C3R3	ND	0.00e+0		0.00e+0		
1,2-Dichloropropane	714C4R1	ND	0.00e+0		0.00e+0		
1,2-Dichloropropane	714C4R2	4	3.95e+3	ng/dscm 7%O2	1.44e-4	lbs/hr	CE7%O2
1,2-Dichloropropane	714C4R3	ND	0.00e+0		0.00e+0		
1,2-Dichloropropane	714C5R1	4	2.88e+3	ng/dscm 7%O2	1.43e-4	lbs/hr	CE7%O2
1,2-Dichloropropane	714C5R2	ND	0.00e+0		0.00e+0		
1,2-Dichloropropane	714C5R3	ND	0.00e+0		0.00e+0		
Acetone	714C1R1		7.97e+4	ng/dscm 7%O2	4.45e-3	lbs/hr	CE7%O2
Acetone	714C1R2	ND	0.00e+0		0.00e+0		
Acetone	714C1R3	ND	0.00e+0		0.00e+0		
Acetone	714C2R1		1.67e+4	ng/dscm 7%O2	1.01e-3	lbs/hr	CE7%O2
Acetone	714C2R2		7.39e+3	ng/dscm 7%O2	4.23e-4	lbs/hr	CE7%O2
Acetone	714C2R3	ND	0.00e+0		0.00e+0		
Acetone	714C3R1	ND	0.00e+0		0.00e+0		
Acetone	714C3R2	ND	0.00e+0		0.00e+0		
Acetone	714C3R3	ND	0.00e+0		0.00e+0		
Acetone	714C4R1	ND	0.00e+0		0.00e+0		
Acetone	714C4R2	ND	0.00e+0		0.00e+0		
Acetone	714C4R3		1.69e+4	ng/dscm 7%O2	5.75e-4	lbs/hr	CE7%O2
Acetone	714C5R1		2.96e+3	ng/dscm 7%O2	1.47e-4	lbs/hr	CE7%O2
Acetone	714C5R2		1.79e+4	ng/dscm 7%O2	8.57e-4	lbs/hr	CE7%O2
Acetone	714C5R3		3.88e+4	ng/dscm 7%O2	1.86e-3	lbs/hr	CE7%O2
Benzene	714C1R1		8.13e+4	ng/dscm 7%O2	4.54e-3	lbs/hr	CE7%O2
Benzene	714C1R2	4	1.75e+3	ng/dscm 7%O2	9.34e-5	lbs/hr	CE7%O2
Benzene	714C1R3	4	1.75e+3	ng/dscm 7%O2	9.63e-5	lbs/hr	CE7%O2
Benzene	714C2R1		3.05e+3	ng/dscm 7%O2	1.83e-4	lbs/hr	CE7%O2
Benzene	714C2R2	4	1.57e+3	ng/dscm 7%O2	8.99e-5	lbs/hr	CE7%O2
Benzene	714C2R3	4	1.59e+3	ng/dscm 7%O2	8.99e-5	lbs/hr	CE7%O2
Benzene	714C3R1	4	1.90e+3	ng/dscm 7%O2	9.17e-5	lbs/hr	CE7%O2
Benzene	714C3R2		3.62e+3	ng/dscm 7%O2	1.83e-4	lbs/hr	CE7%O2
Benzene	714C3R3	4	1.86e+3	ng/dscm 7%O2	9.11e-5	lbs/hr	CE7%O2
Benzene	714C4R1		5.19e+3	ng/dscm 7%O2	1.79e-4	lbs/hr	CE7%O2
Benzene	714C4R2		5.19e+3	ng/dscm 7%O2	1.89e-4	lbs/hr	CE7%O2
Benzene	714C4R3	4	2.69e+3	ng/dscm 7%O2	9.17e-5	lbs/hr	CE7%O2
Benzene	714C5R1		3.78e+3	ng/dscm 7%O2	1.88e-4	lbs/hr	CE7%O2
Benzene	714C5R2	4	1.90e+3	ng/dscm 7%O2	9.11e-5	lbs/hr	CE7%O2
Benzene	714C5R3	4	1.90e+3	ng/dscm 7%O2	9.11e-5	lbs/hr	CE7%O2
Bromodichloromethane	714C1R1		5.22e+4	ng/dscm 7%O2	2.91e-3	lbs/hr	CE7%O2
Bromodichloromethane	714C1R2		5.39e+4	ng/dscm 7%O2	2.88e-3	lbs/hr	CE7%O2
Bromodichloromethane	714C1R3		6.16e+4	ng/dscm 7%O2	3.39e-3	lbs/hr	CE7%O2
Bromodichloromethane	714C2R1		6.04e+4	ng/dscm 7%O2	3.63e-3	lbs/hr	CE7%O2
Bromodichloromethane	714C2R2		5.53e+4	ng/dscm 7%O2	3.16e-3	lbs/hr	CE7%O2
Bromodichloromethane	714C2R3		2.81e+4	ng/dscm 7%O2	1.58e-3	lbs/hr	CE7%O2
Bromodichloromethane	714C3R1		5.03e+4	ng/dscm 7%O2	2.42e-3	lbs/hr	CE7%O2
Bromodichloromethane	714C3R2		7.16e+4	ng/dscm 7%O2	3.63e-3	lbs/hr	CE7%O2
Bromodichloromethane	714C3R3		6.53e+4	ng/dscm 7%O2	3.21e-3	lbs/hr	CE7%O2
Bromodichloromethane	714C4R1	4	5.70e+3	ng/dscm 7%O2	1.97e-4	lbs/hr	CE7%O2
Bromodichloromethane	714C4R2	4	5.70e+3	ng/dscm 7%O2	2.08e-4	lbs/hr	CE7%O2
Bromodichloromethane	714C4R3	4	5.92e+3	ng/dscm 7%O2	2.02e-4	lbs/hr	CE7%O2
Bromodichloromethane	714C5R1		3.32e+4	ng/dscm 7%O2	1.65e-3	lbs/hr	CE7%O2
Bromodichloromethane	714C5R2		2.51e+4	ng/dscm 7%O2	1.20e-3	lbs/hr	CE7%O2
Bromodichloromethane	714C5R3		1.68e+4	ng/dscm 7%O2	8.01e-4	lbs/hr	CE7%O2
Bromoform	714C1R1		1.04e+5	ng/dscm 7%O2	5.80e-3	lbs/hr	CE7%O2
Bromoform	714C1R2		1.07e+5	ng/dscm 7%O2	5.73e-3	lbs/hr	CE7%O2

US EPA ARCHIVE DOCUMENT

SECTION 7: EMISSIONS ANALYSES

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

Bromoform	714C1R3		1.07e+5	ng/dscm 7%O2	5.91e-3	lbs/hr	CE7%O2
Bromoform	714C2R1		1.15e+5	ng/dscm 7%O2	6.88e-3	lbs/hr	CE7%O2
Bromoform	714C2R2		9.64e+4	ng/dscm 7%O2	5.52e-3	lbs/hr	CE7%O2
Bromoform	714C2R3		8.70e+4	ng/dscm 7%O2	4.91e-3	lbs/hr	CE7%O2
Bromoform	714C3R1		6.49e+4	ng/dscm 7%O2	3.13e-3	lbs/hr	CE7%O2
Bromoform	714C3R2		1.11e+5	ng/dscm 7%O2	5.63e-3	lbs/hr	CE7%O2
Bromoform	714C3R3		1.39e+5	ng/dscm 7%O2	6.83e-3	lbs/hr	CE7%O2
Bromoform	714C4R1		3.54e+4	ng/dscm 7%O2	1.22e-3	lbs/hr	CE7%O2
Bromoform	714C4R2		1.77e+4	ng/dscm 7%O2	6.45e-4	lbs/hr	CE7%O2
Bromoform	714C4R3	4	9.17e+3	ng/dscm 7%O2	3.13e-4	lbs/hr	CE7%O2
Bromoform	714C5R1		2.57e+4	ng/dscm 7%O2	1.28e-3	lbs/hr	CE7%O2
Bromoform	714C5R2		2.60e+4	ng/dscm 7%O2	1.24e-3	lbs/hr	CE7%O2
Bromoform	714C5R3		1.30e+4	ng/dscm 7%O2	6.21e-4	lbs/hr	CE7%O2
Bromomethane	714C1R1	ND	0.00e+0		0.00e+0		
Bromomethane	714C1R2	ND	0.00e+0		0.00e+0		
Bromomethane	714C1R3	ND	0.00e+0		0.00e+0		
Bromomethane	714C2R1	ND	0.00e+0		0.00e+0		
Bromomethane	714C2R2	ND	0.00e+0		0.00e+0		
Bromomethane	714C2R3	ND	0.00e+0		0.00e+0		
Bromomethane	714C3R1	ND	0.00e+0		0.00e+0		
Bromomethane	714C3R2	ND	0.00e+0		0.00e+0		
Bromomethane	714C3R3	ND	0.00e+0		0.00e+0		
Bromomethane	714C4R1	ND	0.00e+0		0.00e+0		
Bromomethane	714C4R2	ND	0.00e+0		0.00e+0		
Bromomethane	714C4R3	ND	0.00e+0		0.00e+0		
Bromomethane	714C5R1	ND	0.00e+0		0.00e+0		
Bromomethane	714C5R2	ND	0.00e+0		0.00e+0		
Bromomethane	714C5R3	4	2.44e+3	ng/dscm 7%O2	1.17e-4	lbs/hr	CE7%O2
Carbon disulfide	714C1R1	ND	0.00e+0		0.00e+0		
Carbon disulfide	714C1R2	ND	0.00e+0		0.00e+0		
Carbon disulfide	714C1R3	ND	0.00e+0		0.00e+0		
Carbon disulfide	714C2R1	ND	0.00e+0		0.00e+0		
Carbon disulfide	714C2R2	ND	0.00e+0		0.00e+0		
Carbon disulfide	714C2R3	ND	0.00e+0		0.00e+0		
Carbon disulfide	714C3R1	ND	0.00e+0		0.00e+0		
Carbon disulfide	714C3R2	4	1.85e+3	ng/dscm 7%O2	9.40e-5	lbs/hr	CE7%O2
Carbon disulfide	714C3R3	ND	0.00e+0		0.00e+0		
Carbon disulfide	714C4R1	ND	0.00e+0		0.00e+0		
Carbon disulfide	714C4R2	4	2.66e+3	ng/dscm 7%O2	9.70e-5	lbs/hr	CE7%O2
Carbon disulfide	714C4R3	4	2.76e+3	ng/dscm 7%O2	9.40e-5	lbs/hr	CE7%O2
Carbon disulfide	714C5R1	ND	0.00e+0		0.00e+0		
Carbon disulfide	714C5R2		3.91e+3	ng/dscm 7%O2	1.87e-4	lbs/hr	CE7%O2
Carbon disulfide	714C5R3	4	1.95e+3	ng/dscm 7%O2	9.34e-5	lbs/hr	CE7%O2
Carbon Tetrachloride	714C1R1		1.20e+4	ng/dscm 7%O2	6.67e-4	lbs/hr	CE7%O2
Carbon Tetrachloride	714C1R2		9.44e+3	ng/dscm 7%O2	5.04e-4	lbs/hr	CE7%O2
Carbon Tetrachloride	714C1R3		6.54e+3	ng/dscm 7%O2	3.60e-4	lbs/hr	CE7%O2
Carbon Tetrachloride	714C2R1		1.27e+4	ng/dscm 7%O2	7.61e-4	lbs/hr	CE7%O2
Carbon Tetrachloride	714C2R2		7.17e+3	ng/dscm 7%O2	4.11e-4	lbs/hr	CE7%O2
Carbon Tetrachloride	714C2R3		8.60e+3	ng/dscm 7%O2	4.85e-4	lbs/hr	CE7%O2
Carbon Tetrachloride	714C3R1		4.74e+3	ng/dscm 7%O2	2.28e-4	lbs/hr	CE7%O2
Carbon Tetrachloride	714C3R2		4.50e+3	ng/dscm 7%O2	2.28e-4	lbs/hr	CE7%O2
Carbon Tetrachloride	714C3R3		4.62e+3	ng/dscm 7%O2	2.27e-4	lbs/hr	CE7%O2
Carbon Tetrachloride	714C4R1	4	7.53e+2	ng/dscm 7%O2	2.60e-5	lbs/hr	CE7%O2
Carbon Tetrachloride	714C4R2	2	0.00e+0		0.00e+0		
Carbon Tetrachloride	714C4R3	2	0.00e+0		0.00e+0		
Carbon Tetrachloride	714C5R1		8.62e+3	ng/dscm 7%O2	4.29e-4	lbs/hr	CE7%O2
Carbon Tetrachloride	714C5R2		5.53e+3	ng/dscm 7%O2	2.65e-4	lbs/hr	CE7%O2
Carbon Tetrachloride	714C5R3		6.32e+3	ng/dscm 7%O2	3.02e-4	lbs/hr	CE7%O2
Chlorobenzene	714C1R1		9.78e+3	ng/dscm 7%O2	5.46e-4	lbs/hr	CE7%O2
Chlorobenzene	714C1R2		1.70e+4	ng/dscm 7%O2	9.08e-4	lbs/hr	CE7%O2
Chlorobenzene	714C1R3		6.38e+3	ng/dscm 7%O2	3.51e-4	lbs/hr	CE7%O2
Chlorobenzene	714C2R1		1.67e+4	ng/dscm 7%O2	1.00e-3	lbs/hr	CE7%O2
Chlorobenzene	714C2R2		2.20e+4	ng/dscm 7%O2	1.26e-3	lbs/hr	CE7%O2

US EPA ARCHIVE DOCUMENT

SECTION 7: EMISSIONS 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

Chlorobenzene	714C2R3		5.81e+3	ng/dscm 7%O2	3.28e-4	lbs/hr	CE7%O2
Chlorobenzene	714C3R1		3.93e+4	ng/dscm 7%O2	1.89e-3	lbs/hr	CE7%O2
Chlorobenzene	714C3R2		3.41e+4	ng/dscm 7%O2	1.73e-3	lbs/hr	CE7%O2
Chlorobenzene	714C3R3		4.62e+4	ng/dscm 7%O2	2.27e-3	lbs/hr	CE7%O2
Chlorobenzene	714C4R1		2.84e+4	ng/dscm 7%O2	9.77e-4	lbs/hr	CE7%O2
Chlorobenzene	714C4R2		2.44e+4	ng/dscm 7%O2	8.90e-4	lbs/hr	CE7%O2
Chlorobenzene	714C4R3		2.45e+3	ng/dscm 7%O2	8.35e-5	lbs/hr	CE7%O2
Chlorobenzene	714C5R1		7.46e+3	ng/dscm 7%O2	3.71e-4	lbs/hr	CE7%O2
Chlorobenzene	714C5R2		3.47e+3	ng/dscm 7%O2	1.66e-4	lbs/hr	CE7%O2
Chlorobenzene	714C5R3		4.63e+3	ng/dscm 7%O2	2.21e-4	lbs/hr	CE7%O2
Chloroethane	714C1R1	4	1.47e+3	ng/dscm 7%O2	8.23e-5	lbs/hr	CE7%O2
Chloroethane	714C1R2	ND	0.00e+0		0.00e+0		
Chloroethane	714C1R3	ND	0.00e+0		0.00e+0		
Chloroethane	714C2R1	ND	0.00e+0		0.00e+0		
Chloroethane	714C2R2	ND	0.00e+0		0.00e+0		
Chloroethane	714C2R3	ND	0.00e+0		0.00e+0		
Chloroethane	714C3R1	ND	0.00e+0		0.00e+0		
Chloroethane	714C3R2	4	1.57e+3	ng/dscm 7%O2	7.98e-5	lbs/hr	CE7%O2
Chloroethane	714C3R3	4	1.61e+3	ng/dscm 7%O2	7.93e-5	lbs/hr	CE7%O2
Chloroethane	714C4R1	ND	0.00e+0		0.00e+0		
Chloroethane	714C4R2	ND	0.00e+0		0.00e+0		
Chloroethane	714C4R3	ND	0.00e+0		0.00e+0		
Chloroethane	714C5R1	ND	0.00e+0		0.00e+0		
Chloroethane	714C5R2	ND	0.00e+0		0.00e+0		
Chloroethane	714C5R3	ND	0.00e+0		0.00e+0		
Chloroform	714C1R1		2.18e+4	ng/dscm 7%O2	1.21e-3	lbs/hr	CE7%O2
Chloroform	714C1R2		1.69e+4	ng/dscm 7%O2	9.00e-4	lbs/hr	CE7%O2
Chloroform	714C1R3		1.69e+4	ng/dscm 7%O2	9.28e-4	lbs/hr	CE7%O2
Chloroform	714C2R1		1.96e+4	ng/dscm 7%O2	1.18e-3	lbs/hr	CE7%O2
Chloroform	714C2R2		1.51e+4	ng/dscm 7%O2	8.66e-4	lbs/hr	CE7%O2
Chloroform	714C2R3		1.02e+4	ng/dscm 7%O2	5.78e-4	lbs/hr	CE7%O2
Chloroform	714C3R1		1.83e+4	ng/dscm 7%O2	8.83e-4	lbs/hr	CE7%O2
Chloroform	714C3R2		1.74e+4	ng/dscm 7%O2	8.83e-4	lbs/hr	CE7%O2
Chloroform	714C3R3		1.79e+4	ng/dscm 7%O2	8.78e-4	lbs/hr	CE7%O2
Chloroform	714C4R1	4	4.16e+3	ng/dscm 7%O2	1.43e-4	lbs/hr	CE7%O2
Chloroform	714C4R2		8.33e+3	ng/dscm 7%O2	3.04e-4	lbs/hr	CE7%O2
Chloroform	714C4R3	4	4.32e+3	ng/dscm 7%O2	1.47e-4	lbs/hr	CE7%O2
Chloroform	714C5R1		3.03e+4	ng/dscm 7%O2	1.51e-3	lbs/hr	CE7%O2
Chloroform	714C5R2		1.83e+4	ng/dscm 7%O2	8.78e-4	lbs/hr	CE7%O2
Chloroform	714C5R3		1.83e+4	ng/dscm 7%O2	8.78e-4	lbs/hr	CE7%O2
Chloromethane	714C1R1		6.93e+3	ng/dscm 7%O2	3.86e-4	lbs/hr	CE7%O2
Chloromethane	714C1R2		2.38e+3	ng/dscm 7%O2	1.27e-4	lbs/hr	CE7%O2
Chloromethane	714C1R3	ND	0.00e+0		0.00e+0		
Chloromethane	714C2R1		4.16e+3	ng/dscm 7%O2	2.50e-4	lbs/hr	CE7%O2
Chloromethane	714C2R2	ND	0.00e+0		0.00e+0		
Chloromethane	714C2R3		2.17e+3	ng/dscm 7%O2	1.23e-4	lbs/hr	CE7%O2
Chloromethane	714C3R1		1.04e+4	ng/dscm 7%O2	5.00e-4	lbs/hr	CE7%O2
Chloromethane	714C3R2	ND	0.00e+0		0.00e+0		
Chloromethane	714C3R3		7.33e+4	ng/dscm 7%O2	3.60e-3	lbs/hr	CE7%O2
Chloromethane	714C4R1	4	1.77e+3	ng/dscm 7%O2	6.09e-5	lbs/hr	CE7%O2
Chloromethane	714C4R2		3.53e+4	ng/dscm 7%O2	1.29e-3	lbs/hr	CE7%O2
Chloromethane	714C4R3		3.67e+3	ng/dscm 7%O2	1.25e-4	lbs/hr	CE7%O2
Chloromethane	714C5R1		2.57e+3	ng/dscm 7%O2	1.28e-4	lbs/hr	CE7%O2
Chloromethane	714C5R2		2.60e+3	ng/dscm 7%O2	1.24e-4	lbs/hr	CE7%O2
Chloromethane	714C5R3		2.60e+3	ng/dscm 7%O2	1.24e-4	lbs/hr	CE7%O2
Iodomethane	714C1R1	ND	0.00e+0		0.00e+0		
Iodomethane	714C1R2	ND	0.00e+0		0.00e+0		
Iodomethane	714C1R3	ND	0.00e+0		0.00e+0		
Iodomethane	714C2R1	ND	0.00e+0		0.00e+0		
Iodomethane	714C2R2	ND	0.00e+0		0.00e+0		
Iodomethane	714C2R3	ND	0.00e+0		0.00e+0		
Iodomethane	714C3R1	ND	0.00e+0		0.00e+0		
Iodomethane	714C3R2	ND	0.00e+0		0.00e+0		

US EPA ARCHIVE DOCUMENT

SECTION 7: EMISSIONS ANALYSES

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

Iodomethane	714C3R3	ND	0.00e+0		0.00e+0	
Iodomethane	714C4R1	ND	0.00e+0		0.00e+0	
Iodomethane	714C4R2	ND	0.00e+0		0.00e+0	
Iodomethane	714C4R3	ND	0.00e+0		0.00e+0	
Iodomethane	714C5R1	ND	0.00e+0		0.00e+0	
Iodomethane	714C5R2	ND	0.00e+0		0.00e+0	
Methylene Chloride	714C1R1		3.88e+3	ng/dscm 7%O2	2.17e-4	lbs/hr CE7%O2
Methylene Chloride	714C1R2		4.01e+3	ng/dscm 7%O2	2.14e-4	lbs/hr CE7%O2
Methylene Chloride	714C1R3		4.01e+3	ng/dscm 7%O2	2.21e-4	lbs/hr CE7%O2
Methylene Chloride	714C2R1		3.50e+3	ng/dscm 7%O2	2.10e-4	lbs/hr CE7%O2
Methylene Chloride	714C2R2	4	1.80e+3	ng/dscm 7%O2	1.03e-4	lbs/hr CE7%O2
Methylene Chloride	714C2R3		3.65e+3	ng/dscm 7%O2	2.06e-4	lbs/hr CE7%O2
Methylene Chloride	714C3R1	4	2.18e+3	ng/dscm 7%O2	1.05e-4	lbs/hr CE7%O2
Methylene Chloride	714C3R2		4.14e+3	ng/dscm 7%O2	2.10e-4	lbs/hr CE7%O2
Methylene Chloride	714C3R3		4.25e+3	ng/dscm 7%O2	2.09e-4	lbs/hr CE7%O2
Methylene Chloride	714C4R1		5.94e+3	ng/dscm 7%O2	2.05e-4	lbs/hr CE7%O2
Methylene Chloride	714C4R2		5.94e+3	ng/dscm 7%O2	2.17e-4	lbs/hr CE7%O2
Methylene Chloride	714C4R3		1.23e+4	ng/dscm 7%O2	4.20e-4	lbs/hr CE7%O2
Methylene Chloride	714C5R1		8.65e+3	ng/dscm 7%O2	4.31e-4	lbs/hr CE7%O2
Methylene Chloride	714C5R2		4.36e+3	ng/dscm 7%O2	2.09e-4	lbs/hr CE7%O2
Methylene Chloride	714C5R3		4.36e+3	ng/dscm 7%O2	2.09e-4	lbs/hr CE7%O2
Styrene	714C1R1	ND	0.00e+0		0.00e+0	
Styrene	714C1R2	ND	0.00e+0		0.00e+0	
Styrene	714C1R3	ND	0.00e+0		0.00e+0	
Styrene	714C2R1	ND	0.00e+0		0.00e+0	
Styrene	714C2R2	ND	0.00e+0		0.00e+0	
Styrene	714C2R3	ND	0.00e+0		0.00e+0	
Styrene	714C3R1	ND	0.00e+0		0.00e+0	
Styrene	714C3R2	4	2.54e+3	ng/dscm 7%O2	1.29e-4	lbs/hr CE7%O2
Styrene	714C3R3	4	2.60e+3	ng/dscm 7%O2	1.28e-4	lbs/hr CE7%O2
Styrene	714C4R1	ND	0.00e+0		0.00e+0	
Styrene	714C4R2	ND	0.00e+0		0.00e+0	
Styrene	714C4R3	ND	0.00e+0		0.00e+0	
Styrene	714C5R1	ND	0.00e+0		0.00e+0	
Styrene	714C5R2	ND	0.00e+0		0.00e+0	
Styrene	714C5R3	ND	0.00e+0		0.00e+0	
Tetrachloroethene	714C1R1	4	3.79e+3	ng/dscm 7%O2	2.12e-4	lbs/hr CE7%O2
Tetrachloroethene	714C1R2	ND	0.00e+0		0.00e+0	
Tetrachloroethene	714C1R3	ND	0.00e+0		0.00e+0	
Tetrachloroethene	714C2R1	ND	0.00e+0		0.00e+0	
Tetrachloroethene	714C2R2	4	3.51e+3	ng/dscm 7%O2	2.01e-4	lbs/hr CE7%O2
Tetrachloroethene	714C2R3	4	3.57e+3	ng/dscm 7%O2	2.01e-4	lbs/hr CE7%O2
Tetrachloroethene	714C3R1	4	4.26e+3	ng/dscm 7%O2	2.05e-4	lbs/hr CE7%O2
Tetrachloroethene	714C3R2	4	4.05e+3	ng/dscm 7%O2	2.05e-4	lbs/hr CE7%O2
Tetrachloroethene	714C3R3	ND	0.00e+0		0.00e+0	
Tetrachloroethene	714C4R1	ND	0.00e+0		0.00e+0	
Tetrachloroethene	714C4R2	4	5.80e+3	ng/dscm 7%O2	2.12e-4	lbs/hr CE7%O2
Tetrachloroethene	714C4R3	ND	0.00e+0		0.00e+0	
Tetrachloroethene	714C5R1	4	4.22e+3	ng/dscm 7%O2	2.10e-4	lbs/hr CE7%O2
Tetrachloroethene	714C5R2	4	4.26e+3	ng/dscm 7%O2	2.04e-4	lbs/hr CE7%O2
Tetrachloroethene	714C5R3	4	4.26e+3	ng/dscm 7%O2	2.04e-4	lbs/hr CE7%O2
Toluene	714C1R1		1.35e+5	ng/dscm 7%O2	7.51e-3	lbs/hr CE7%O2
Toluene	714C1R2	4	2.17e+3	ng/dscm 7%O2	1.16e-4	lbs/hr CE7%O2
Toluene	714C1R3	4	2.17e+3	ng/dscm 7%O2	1.20e-4	lbs/hr CE7%O2
Toluene	714C2R1	4	1.89e+3	ng/dscm 7%O2	1.14e-4	lbs/hr CE7%O2
Toluene	714C2R2	4	1.95e+3	ng/dscm 7%O2	1.12e-4	lbs/hr CE7%O2
Toluene	714C2R3	4	1.98e+3	ng/dscm 7%O2	1.12e-4	lbs/hr CE7%O2
Toluene	714C3R1		9.46e+3	ng/dscm 7%O2	4.55e-4	lbs/hr CE7%O2
Toluene	714C3R2	4	2.25e+3	ng/dscm 7%O2	1.14e-4	lbs/hr CE7%O2
Toluene	714C3R3	4	2.30e+3	ng/dscm 7%O2	1.13e-4	lbs/hr CE7%O2
Toluene	714C4R1		6.44e+3	ng/dscm 7%O2	2.22e-4	lbs/hr CE7%O2
Toluene	714C4R2		6.44e+3	ng/dscm 7%O2	2.35e-4	lbs/hr CE7%O2
Toluene	714C4R3	4	3.34e+3	ng/dscm 7%O2	1.14e-4	lbs/hr CE7%O2

US EPA ARCHIVE DOCUMENT

SECTION 7: EMISSIONS 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

Toluene	714C5R1		4.69e+3	ng/dscm 7%O2	2.33e-4	lbs/hr	CE7%O2
Toluene	714C5R2	4	2.36e+3	ng/dscm 7%O2	1.13e-4	lbs/hr	CE7%O2
Toluene	714C5R3	4	2.36e+3	ng/dscm 7%O2	1.13e-4	lbs/hr	CE7%O2
Total Xylene	714C1R1		2.86e+5	ng/dscm 7%O2	1.60e-2	lbs/hr	CE7%O2
Total Xylene	714C1R2	4	2.50e+3	ng/dscm 7%O2	1.34e-4	lbs/hr	CE7%O2
Total Xylene	714C1R3	ND	0.00e+0		0.00e+0		
Total Xylene	714C2R1	ND	0.00e+0		0.00e+0		
Total Xylene	714C2R2	4	2.25e+3	ng/dscm 7%O2	1.29e-4	lbs/hr	CE7%O2
Total Xylene	714C2R3	4	2.28e+3	ng/dscm 7%O2	1.29e-4	lbs/hr	CE7%O2
Total Xylene	714C3R1	4	2.72e+3	ng/dscm 7%O2	1.31e-4	lbs/hr	CE7%O2
Total Xylene	714C3R2	ND	0.00e+0		0.00e+0		
Total Xylene	714C3R3	4	2.65e+3	ng/dscm 7%O2	1.30e-4	lbs/hr	CE7%O2
Total Xylene	714C4R1	4	3.71e+3	ng/dscm 7%O2	1.28e-4	lbs/hr	CE7%O2
Total Xylene	714C4R2		7.42e+3	ng/dscm 7%O2	2.70e-4	lbs/hr	CE7%O2
Total Xylene	714C4R3	4	3.85e+3	ng/dscm 7%O2	1.31e-4	lbs/hr	CE7%O2
Total Xylene	714C5R1	4	2.70e+3	ng/dscm 7%O2	1.34e-4	lbs/hr	CE7%O2
Total Xylene	714C5R2	4	2.72e+3	ng/dscm 7%O2	1.30e-4	lbs/hr	CE7%O2
Total Xylene	714C5R3	4	2.72e+3	ng/dscm 7%O2	1.30e-4	lbs/hr	CE7%O2
Trichloroethene	714C1R1	ND	0.00e+0		0.00e+0		
Trichloroethene	714C1R2	ND	0.00e+0		0.00e+0		
Trichloroethene	714C1R3	ND	0.00e+0		0.00e+0		
Trichloroethene	714C2R1	ND	0.00e+0		0.00e+0		
Trichloroethene	714C2R2	4	2.78e+3	ng/dscm 7%O2	1.59e-4	lbs/hr	CE7%O2
Trichloroethene	714C2R3	4	2.83e+3	ng/dscm 7%O2	1.59e-4	lbs/hr	CE7%O2
Trichloroethene	714C3R1	4	3.38e+3	ng/dscm 7%O2	1.62e-4	lbs/hr	CE7%O2
Trichloroethene	714C3R2	ND	0.00e+0		0.00e+0		
Trichloroethene	714C3R3	ND	0.00e+0		0.00e+0		
Trichloroethene	714C4R1	4	4.60e+3	ng/dscm 7%O2	1.58e-4	lbs/hr	CE7%O2
Trichloroethene	714C4R2	ND	0.00e+0		0.00e+0		
Trichloroethene	714C4R3	ND	0.00e+0		0.00e+0		
Trichloroethene	714C5R1	4	3.35e+3	ng/dscm 7%O2	1.67e-4	lbs/hr	CE7%O2
Trichloroethene	714C5R2	4	3.38e+3	ng/dscm 7%O2	1.61e-4	lbs/hr	CE7%O2
Trichloroethene	714C5R3	4	3.38e+3	ng/dscm 7%O2	1.61e-4	lbs/hr	CE7%O2
Trichlorofluoromethane	714C1R1	4	3.14e+3	ng/dscm 7%O2	1.75e-4	lbs/hr	CE7%O2
Trichlorofluoromethane	714C2R1	4	2.83e+3	ng/dscm 7%O2	1.70e-4	lbs/hr	CE7%O2
Trichlorofluoromethane	714C2R3	4	2.96e+3	ng/dscm 7%O2	1.67e-4	lbs/hr	CE7%O2
Trichlorofluoromethane	714C3R1	4	3.53e+3	ng/dscm 7%O2	1.70e-4	lbs/hr	CE7%O2
Trichlorofluoromethane	714C3R2	4	3.35e+3	ng/dscm 7%O2	1.70e-4	lbs/hr	CE7%O2
Trichlorofluoromethane	714C3R3		6.88e+3	ng/dscm 7%O2	3.38e-4	lbs/hr	CE7%O2
Trichlorofluoromethane	714C4R1	4	4.81e+3	ng/dscm 7%O2	1.66e-4	lbs/hr	CE7%O2
Trichlorofluoromethane	714C4R2	4	4.81e+3	ng/dscm 7%O2	1.75e-4	lbs/hr	CE7%O2
Trichlorofluoromethane	714C4R3	4	4.99e+3	ng/dscm 7%O2	1.70e-4	lbs/hr	CE7%O2
Trichlorofluoromethane	714C5R1	4	3.50e+3	ng/dscm 7%O2	1.74e-4	lbs/hr	CE7%O2
Trichlorofluoromethane	714C5R2	4	3.53e+3	ng/dscm 7%O2	1.69e-4	lbs/hr	CE7%O2
Trichlorofluoromethane	714C5R3	4	3.53e+3	ng/dscm 7%O2	1.69e-4	lbs/hr	CE7%O2
Trichlorotrifluoromethane	714C1R2	ND	0.00e+0		0.00e+0		
Trichlorotrifluoromethane	714C1R3	ND	0.00e+0		0.00e+0		
Trichlorotrifluoromethane	714C2R2	ND	0.00e+0		0.00e+0		

SECTION 7: EMISSIONS ANALYSES

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/V5/PT/DM

5. Type: CONTROLLED

6. Description: EMISSIONS Process Group: LIQUID INJECTION Location: STACK Phase: GAS

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
HCl	824C1R1	2.39e+0 ppmv 7%O2	2.00e-2 lbs/hr	7%O2
HCl	824C1R2	2.35e+0 ppmv 7%O2	1.60e-2 lbs/hr	7%O2
HCl	824C1R3	1.60e+0 ppmv 7%O2	1.40e-2 lbs/hr	7%O2
HF	824C1R1	ND 2.39e-1 ppmv 7%O2	1.00e-3 lbs/hr	7%O2
HF	824C1R2	ND 2.35e-1 ppmv 7%O2	1.00e-3 lbs/hr	7%O2
HF	824C1R3	ND 2.40e-1 ppmv 7%O2	1.00e-3 lbs/hr	7%O2

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Arsenic	824C1R1	2.27e+1 ug/dscm 7%O2	1.16e-4 lbs/hr	CC7%O2
Arsenic	824C1R2	1.92e+1 ug/dscm 7%O2	9.76e-5 lbs/hr	CC7%O2
Arsenic	824C1R3	1.88e+1 ug/dscm 7%O2	9.31e-5 lbs/hr	CC7%O2
Barium	824C1R1	1.19e+1 ug/dscm 7%O2	6.06e-5 lbs/hr	CC7%O2
Barium	824C1R2	1.33e+1 ug/dscm 7%O2	6.79e-5 lbs/hr	CC7%O2
Barium	824C1R3	1.00e+1 ug/dscm 7%O2	4.95e-5 lbs/hr	CC7%O2
Beryllium	824C1R1	ND 2.74e-1 ug/dscm 7%O2	1.40e-6 lbs/hr	CC7%O2
Beryllium	824C1R2	ND 2.75e-1 ug/dscm 7%O2	1.40e-6 lbs/hr	CC7%O2
Beryllium	824C1R3	ND 2.83e-1 ug/dscm 7%O2	1.40e-6 lbs/hr	CC7%O2
Cadmium	824C1R1	7.31e-1 ug/dscm 7%O2	3.73e-6 lbs/hr	CC7%O2
Cadmium	824C1R2	5.42e+0 ug/dscm 7%O2	2.76e-5 lbs/hr	CC7%O2
Cadmium	824C1R3	1.44e+1 ug/dscm 7%O2	7.11e-5 lbs/hr	CC7%O2
Chromium	824C1R1	5.33e+1 ug/dscm 7%O2	2.72e-4 lbs/hr	CC7%O2
Chromium	824C1R2	6.18e+1 ug/dscm 7%O2	3.15e-4 lbs/hr	CC7%O2
Chromium	824C1R3	8.92e+1 ug/dscm 7%O2	4.41e-4 lbs/hr	CC7%O2
Lead	824C1R1	4.70e+1 ug/dscm 7%O2	2.40e-4 lbs/hr	CC7%O2
Lead	824C1R2	8.73e+0 ug/dscm 7%O2	4.45e-5 lbs/hr	CC7%O2
Lead	824C1R3	4.83e+1 ug/dscm 7%O2	2.39e-4 lbs/hr	CC7%O2
Mercury	824C1R1	7.11e-1 ug/dscm 7%O2	3.63e-6 lbs/hr	CC7%O2
Mercury	824C1R2	9.66e-1 ug/dscm 7%O2	4.92e-6 lbs/hr	CC7%O2
Mercury	824C1R3	6.11e-1 ug/dscm 7%O2	3.02e-6 lbs/hr	CC7%O2
Nickel	824C1R1	1.48e+1 ug/dscm 7%O2	7.54e-5 lbs/hr	CC7%O2
Nickel	824C1R2	2.69e+1 ug/dscm 7%O2	1.37e-4 lbs/hr	CC7%O2
Nickel	824C1R3	7.24e+1 ug/dscm 7%O2	3.58e-4 lbs/hr	CC7%O2
Selenium	824C1R1	4.78e+0 ug/dscm 7%O2	2.44e-5 lbs/hr	CC7%O2
Selenium	824C1R2	3.47e-1 ug/dscm 7%O2	1.77e-6 lbs/hr	CC7%O2
Selenium	824C1R3	3.74e-1 ug/dscm 7%O2	1.85e-6 lbs/hr	CC7%O2
Silver	824C1R1	ND 1.21e+0 ug/dscm 7%O2	6.20e-6 lbs/hr	CC7%O2
Silver	824C1R2	1.11e+1 ug/dscm 7%O2	5.65e-5 lbs/hr	CC7%O2
Silver	824C1R3	5.95e+0 ug/dscm 7%O2	2.94e-5 lbs/hr	CC7%O2

7. Category: Particulate

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Particulate	824C1R1	5.60e-3 gr/dscf 7%O2	6.60e-2 lbs/hr	
Particulate	824C1R2	6.40e-3 gr/dscf 7%O2	7.50e-2 lbs/hr	
Particulate	824C1R3	6.80e-3 gr/dscf 7%O2	7.60e-2 lbs/hr	

7. Category: THC & CO

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
CO	824C1R1	8.52e+0 ppmv 7%O2	5.05e-2 lbs/hr	CE7%O2

SECTION 7: EMISSIONS 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/VIS/PT/DM

CO	824C1R2	8.69e+0	ppmv	7%O2	5.14e-2	lbs/hr	CE7%O2
CO	824C1R3	5.12e+0	ppmv	7%O2	2.94e-2	lbs/hr	CE7%O2

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate	Calc	
1,1,1-Dichlorofluoroethane	824C1R1	ND	3.29e+5	ng/dscm	7%O2	1.68e-3 lbs/hr	CC7%O2
1,1,1-Dichlorofluoroethane	824C1R2	ND	3.16e+5	ng/dscm	7%O2	1.61e-3 lbs/hr	CC7%O2
1,1,1-Dichlorofluoroethane	824C1R3	ND	3.20e+5	ng/dscm	7%O2	1.58e-3 lbs/hr	CC7%O2

US EPA ARCHIVE DOCUMENT

SECTION 7: EMISSIONS 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

5. Type: CONTROLLED

6. Description: EMISSIONS

Process Group: ROTARY HEARTH

Location: STACK

Phase: GAS

7. Category: Dioxin & Furan

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate	Calc
4D 2378	502C1R1	ND	1.78e-3	ng/dscm 7%O2	4.05e-11 lbs/hr	CE7%O2
4D 2378	502C1R2		1.62e-3	ng/dscm 7%O2	3.47e-11 lbs/hr	CE7%O2
4D 2378	502C1R3		1.95e-3	ng/dscm 7%O2	4.93e-11 lbs/hr	CE7%O2
4D Other	502C1R1		8.65e-1	ng/dscm 7%O2	1.97e-8 lbs/hr	OCE
4D Other	502C1R2		8.33e-1	ng/dscm 7%O2	1.78e-8 lbs/hr	OCE
4D Other	502C1R3		1.61e+0	ng/dscm 7%O2	4.07e-8 lbs/hr	OCE
4D Total	502C1R1		8.67e-1	ng/dscm 7%O2	1.97e-8 lbs/hr	CE7%O2
4D Total	502C1R2		8.35e-1	ng/dscm 7%O2	1.79e-8 lbs/hr	CE7%O2
4D Total	502C1R3		1.61e+0	ng/dscm 7%O2	4.08e-8 lbs/hr	CE7%O2
4F 2378	502C1R1		7.60e-2	ng/dscm 7%O2	1.73e-9 lbs/hr	CE7%O2
4F 2378	502C1R2		2.64e-2	ng/dscm 7%O2	5.65e-10 lbs/hr	CE7%O2
4F 2378	502C1R3		7.07e-2	ng/dscm 7%O2	1.79e-9 lbs/hr	CE7%O2
4F Other	502C1R1		6.97e-1	ng/dscm 7%O2	1.59e-8 lbs/hr	OCE
4F Other	502C1R2		6.87e-1	ng/dscm 7%O2	1.47e-8 lbs/hr	OCE
4F Other	502C1R3		1.67e+0	ng/dscm 7%O2	4.21e-8 lbs/hr	OCE
4F Total	502C1R1		7.73e-1	ng/dscm 7%O2	1.76e-8 lbs/hr	CE7%O2
4F Total	502C1R2		7.13e-1	ng/dscm 7%O2	1.53e-8 lbs/hr	CE7%O2
4F Total	502C1R3		1.74e+0	ng/dscm 7%O2	4.39e-8 lbs/hr	CE7%O2
5D 12378	502C1R1		3.60e-3	ng/dscm 7%O2	8.20e-11 lbs/hr	CE7%O2
5D 12378	502C1R2	ND	5.51e-3	ng/dscm 7%O2	1.18e-10 lbs/hr	CE7%O2
5D 12378	502C1R3		6.20e-3	ng/dscm 7%O2	1.57e-10 lbs/hr	CE7%O2
5D Other	502C1R1		2.52e-1	ng/dscm 7%O2	5.75e-9 lbs/hr	OCE
5D Other	502C1R2		1.30e-1	ng/dscm 7%O2	2.78e-9 lbs/hr	OCE
5D Other	502C1R3		3.24e-1	ng/dscm 7%O2	8.20e-9 lbs/hr	OCE
5D Total	502C1R1		2.56e-1	ng/dscm 7%O2	5.83e-9 lbs/hr	CE7%O2
5D Total	502C1R2		1.36e-1	ng/dscm 7%O2	2.90e-9 lbs/hr	CE7%O2
5D Total	502C1R3		3.30e-1	ng/dscm 7%O2	8.35e-9 lbs/hr	CE7%O2
5F 12378	502C1R1		5.11e-3	ng/dscm 7%O2	1.16e-10 lbs/hr	CE7%O2
5F 12378	502C1R2		3.14e-3	ng/dscm 7%O2	6.71e-11 lbs/hr	CE7%O2
5F 12378	502C1R3		5.17e-3	ng/dscm 7%O2	1.31e-10 lbs/hr	CE7%O2
5F 23478	502C1R1		7.91e-3	ng/dscm 7%O2	1.80e-10 lbs/hr	CE7%O2
5F 23478	502C1R2	ND	2.66e-3	ng/dscm 7%O2	5.69e-11 lbs/hr	CE7%O2
5F 23478	502C1R3		1.01e-2	ng/dscm 7%O2	2.56e-10 lbs/hr	CE7%O2
5F Other	502C1R1		1.15e-1	ng/dscm 7%O2	2.61e-9 lbs/hr	OCE
5F Other	502C1R2		4.85e-2	ng/dscm 7%O2	1.04e-9 lbs/hr	OCE
5F Other	502C1R3		2.16e-1	ng/dscm 7%O2	5.47e-9 lbs/hr	OCE
5F Total	502C1R1		1.28e-1	ng/dscm 7%O2	2.91e-9 lbs/hr	CE7%O2
5F Total	502C1R2		5.43e-2	ng/dscm 7%O2	1.16e-9 lbs/hr	CE7%O2
5F Total	502C1R3		2.31e-1	ng/dscm 7%O2	5.85e-9 lbs/hr	CE7%O2
6D 123478	502C1R1		3.02e-3	ng/dscm 7%O2	6.89e-11 lbs/hr	CE7%O2
6D 123478	502C1R2		1.57e-3	ng/dscm 7%O2	3.35e-11 lbs/hr	CE7%O2
6D 123478	502C1R3		3.18e-3	ng/dscm 7%O2	8.04e-11 lbs/hr	CE7%O2
6D 123678	502C1R1		7.34e-3	ng/dscm 7%O2	1.67e-10 lbs/hr	CE7%O2
6D 123678	502C1R2		4.12e-3	ng/dscm 7%O2	8.80e-11 lbs/hr	CE7%O2
6D 123678	502C1R3		6.76e-3	ng/dscm 7%O2	1.71e-10 lbs/hr	CE7%O2
6D 123789	502C1R1		1.89e-2	ng/dscm 7%O2	4.32e-10 lbs/hr	CE7%O2
6D 123789	502C1R2		8.93e-3	ng/dscm 7%O2	1.91e-10 lbs/hr	CE7%O2
6D 123789	502C1R3		1.32e-2	ng/dscm 7%O2	3.34e-10 lbs/hr	CE7%O2
6D Other	502C1R1		2.06e-1	ng/dscm 7%O2	4.70e-9 lbs/hr	OCE
6D Other	502C1R2		9.73e-2	ng/dscm 7%O2	2.08e-9 lbs/hr	OCE
6D Other	502C1R3		1.66e-1	ng/dscm 7%O2	4.19e-9 lbs/hr	OCE
6D Total	502C1R1		2.36e-1	ng/dscm 7%O2	5.37e-9 lbs/hr	CE7%O2
6D Total	502C1R2		1.12e-1	ng/dscm 7%O2	2.39e-9 lbs/hr	CE7%O2

SECTION 7: EMISSIONS ANALYSES

1. COMPANY: PFIZER, INC.

2. STATE: CT

3. CITY: GROTON

4. EP ID: 502 DEVICE NAME: UNITS 101/102

EPA ID: CTD001147495

SYSTEM TYPE: ONSITE INCINERATOR

REGION: 1

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

6D Total	502C1R3		1.89e-1 ng/dscm 7%O2	4.78e-9 lbs/hr	CE7%O2
6F 123478	502C1R1		1.21e-2 ng/dscm 7%O2	2.76e-10 lbs/hr	CE7%O2
6F 123478	502C1R2		4.53e-3 ng/dscm 7%O2	9.68e-11 lbs/hr	CE7%O2
6F 123478	502C1R3		1.09e-2 ng/dscm 7%O2	2.76e-10 lbs/hr	CE7%O2
6F 123678	502C1R1		6.89e-3 ng/dscm 7%O2	1.57e-10 lbs/hr	CE7%O2
6F 123678	502C1R2		1.97e-3 ng/dscm 7%O2	4.21e-11 lbs/hr	CE7%O2
6F 123678	502C1R3		3.99e-3 ng/dscm 7%O2	1.01e-10 lbs/hr	CE7%O2
6F 123789	502C1R1		2.97e-3 ng/dscm 7%O2	6.78e-11 lbs/hr	CE7%O2
6F 123789	502C1R2	ND	1.85e-3 ng/dscm 7%O2	3.96e-11 lbs/hr	CE7%O2
6F 123789	502C1R3	ND	3.02e-3 ng/dscm 7%O2	7.64e-11 lbs/hr	CE7%O2
6F 234678	502C1R1		6.85e-3 ng/dscm 7%O2	1.56e-10 lbs/hr	CE7%O2
6F 234678	502C1R2		2.84e-3 ng/dscm 7%O2	6.08e-11 lbs/hr	CE7%O2
6F 234678	502C1R3		7.17e-3 ng/dscm 7%O2	1.81e-10 lbs/hr	CE7%O2
6F Other	502C1R1		2.49e-2 ng/dscm 7%O2	5.68e-10 lbs/hr	OCE
6F Other	502C1R2		1.47e-2 ng/dscm 7%O2	3.14e-10 lbs/hr	OCE
6F Other	502C1R3		4.10e-2 ng/dscm 7%O2	1.04e-9 lbs/hr	OCE
6F Total	502C1R1		5.38e-2 ng/dscm 7%O2	1.23e-9 lbs/hr	CE7%O2
6F Total	502C1R2		2.59e-2 ng/dscm 7%O2	5.53e-10 lbs/hr	CE7%O2
6F Total	502C1R3		6.61e-2 ng/dscm 7%O2	1.67e-9 lbs/hr	CE7%O2
7D 1234678	502C1R1		6.84e-2 ng/dscm 7%O2	1.56e-9 lbs/hr	CE7%O2
7D 1234678	502C1R2		3.51e-2 ng/dscm 7%O2	7.50e-10 lbs/hr	CE7%O2
7D 1234678	502C1R3		4.92e-2 ng/dscm 7%O2	1.24e-9 lbs/hr	CE7%O2
7D Other	502C1R1		5.42e-2 ng/dscm 7%O2	1.24e-9 lbs/hr	OCE
7D Other	502C1R2		3.10e-2 ng/dscm 7%O2	6.64e-10 lbs/hr	OCE
7D Other	502C1R3		5.27e-2 ng/dscm 7%O2	1.33e-9 lbs/hr	OCE
7D Total	502C1R1		1.23e-1 ng/dscm 7%O2	2.80e-9 lbs/hr	CE7%O2
7D Total	502C1R2		6.61e-2 ng/dscm 7%O2	1.41e-9 lbs/hr	CE7%O2
7D Total	502C1R3		1.02e-1 ng/dscm 7%O2	2.58e-9 lbs/hr	CE7%O2
7F 1234678	502C1R1		2.04e-2 ng/dscm 7%O2	4.66e-10 lbs/hr	CE7%O2
7F 1234678	502C1R2		8.12e-3 ng/dscm 7%O2	1.74e-10 lbs/hr	CE7%O2
7F 1234678	502C1R3		1.63e-2 ng/dscm 7%O2	4.12e-10 lbs/hr	CE7%O2
7F 1234789	502C1R1		4.40e-3 ng/dscm 7%O2	1.00e-10 lbs/hr	CE7%O2
7F 1234789	502C1R2	ND	2.20e-3 ng/dscm 7%O2	4.70e-11 lbs/hr	CE7%O2
7F 1234789	502C1R3	ND	4.31e-3 ng/dscm 7%O2	1.09e-10 lbs/hr	CE7%O2
7F Other	502C1R1		1.13e-2 ng/dscm 7%O2	2.57e-10 lbs/hr	OCE
7F Other	502C1R2		1.64e-2 ng/dscm 7%O2	3.50e-10 lbs/hr	OCE
7F Other	502C1R3		4.85e-2 ng/dscm 7%O2	1.23e-9 lbs/hr	OCE
7F Total	502C1R1		3.61e-2 ng/dscm 7%O2	8.23e-10 lbs/hr	CE7%O2
7F Total	502C1R2		2.67e-2 ng/dscm 7%O2	5.70e-10 lbs/hr	CE7%O2
7F Total	502C1R3		6.91e-2 ng/dscm 7%O2	1.75e-9 lbs/hr	CE7%O2
8D	502C1R1		1.51e-1 ng/dscm 7%O2	3.43e-9 lbs/hr	CE7%O2
8D	502C1R2		1.44e-1 ng/dscm 7%O2	3.08e-9 lbs/hr	CE7%O2
8D	502C1R3		1.46e-1 ng/dscm 7%O2	3.70e-9 lbs/hr	CE7%O2
8F	502C1R1		1.38e-2 ng/dscm 7%O2	3.14e-10 lbs/hr	CE7%O2
8F	502C1R2		8.93e-3 ng/dscm 7%O2	1.91e-10 lbs/hr	CE7%O2
8F	502C1R3		9.01e-3 ng/dscm 7%O2	2.28e-10 lbs/hr	CE7%O2
TEQ	502C1R1		2.23e-2 ng/dscm 7%O2	5.08e-10 lbs/hr	CCET
TEQ	502C1R2		1.17e-2 ng/dscm 7%O2	2.50e-10 lbs/hr	CCET
TEQ	502C1R3		2.31e-2 ng/dscm 7%O2	5.85e-10 lbs/hr	CCET
Total PCDD/PCDF	502C1R1		2.64e+0 ng/dscm 7%O2	6.01e-8 lbs/hr	CCET
Total PCDD/PCDF	502C1R2		2.12e+0 ng/dscm 7%O2	4.54e-8 lbs/hr	CCET
Total PCDD/PCDF	502C1R3		4.49e+0 ng/dscm 7%O2	1.14e-7 lbs/hr	CCET

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
HCl	502C1R1	1.16e+0 ppmv 7%O2	4.00e-2 lbs/hr	CC7%O2
HCl	502C1R2	3.31e+1 ppmv 7%O2	1.07e+0 lbs/hr	CC7%O2

SECTION 7: EMISSIONS ANALYSES

1. COMPANY: PFIZER, INC.
 2. STATE: CT
 3. CITY: GROTON
 4. EP ID: 502

EPA CTD001147495
 SYSTEM TYPE: ONSITE INCINERATOR

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

HCl	502C1R3	2.09e+1	ppmv 7%O2	8.00e-1	lbs/hr	CC7%O2
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7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate	Calc
Arsenic	502C1R1	ND	1.37e+1 ug/dscm 7%O2	3.11e-4 lbs/hr	CC7%O2
Arsenic	502C1R2	ND	2.32e+1 ug/dscm 7%O2	4.95e-4 lbs/hr	CC7%O2
Arsenic	502C1R3	ND	1.30e+1 ug/dscm 7%O2	3.29e-4 lbs/hr	CC7%O2
Beryllium	502C1R1	ND	1.93e-1 ug/dscm 7%O2	4.40e-6 lbs/hr	CC7%O2
Beryllium	502C1R2	ND	2.72e-1 ug/dscm 7%O2	5.82e-6 lbs/hr	CC7%O2
Beryllium	502C1R3	ND	2.24e-1 ug/dscm 7%O2	5.67e-6 lbs/hr	CC7%O2
Cadmium	502C1R1	ND	1.44e+2 ug/dscm 7%O2	3.28e-3 lbs/hr	CC7%O2
Cadmium	502C1R2	ND	2.60e+2 ug/dscm 7%O2	5.55e-3 lbs/hr	CC7%O2
Cadmium	502C1R3	ND	9.93e+1 ug/dscm 7%O2	2.51e-3 lbs/hr	CC7%O2
Chromium	502C1R1	ND	5.67e+1 ug/dscm 7%O2	1.29e-3 lbs/hr	CC7%O2
Chromium	502C1R2	ND	3.32e+1 ug/dscm 7%O2	7.10e-4 lbs/hr	CC7%O2
Chromium	502C1R3	ND	1.41e+1 ug/dscm 7%O2	3.56e-4 lbs/hr	CC7%O2

7. Category: PAH

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate	Calc
Naphthalene	502C1R2		6.19e+3 ng/dscm 7%O2	1.32e-4 lbs/hr	CC7%O2
Phenanthrene	502C1R1		1.16e+4 ng/dscm 7%O2	2.65e-4 lbs/hr	CC7%O2
Phenanthrene	502C1R2		1.24e+4 ng/dscm 7%O2	2.65e-4 lbs/hr	CC7%O2
Phenanthrene	502C1R3		1.57e+4 ng/dscm 7%O2	3.97e-4 lbs/hr	CC7%O2

7. Category: Particulate

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate	Calc
Particulate	502C1R1		4.00e-2 gr/dscf 7%O2	2.09e+0 lbs/hr	CE
Particulate	502C1R2		3.50e-2 gr/dscf 7%O2	1.71e+0 lbs/hr	CE
Particulate	502C1R3		3.30e-2 gr/dscf 7%O2	1.91e+0 lbs/hr	CE

7. Category: SVOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate	Calc
bis(2-ethylexyl) Phthalate	502C1R1		4.01e+5 ng/dscm 7%O2	9.13e-3 lbs/hr	CC7%O2
bis(2-ethylexyl) Phthalate	502C1R2		1.73e+5 ng/dscm 7%O2	3.70e-3 lbs/hr	CC7%O2
di-n-Butyl Phthalate	502C1R1		5.81e+3 ng/dscm 7%O2	1.32e-4 lbs/hr	CC7%O2
di-n-Butyl Phthalate	502C1R2		3.10e+4 ng/dscm 7%O2	6.61e-4 lbs/hr	CC7%O2
Diethylphthalate	502C1R1		5.81e+3 ng/dscm 7%O2	1.32e-4 lbs/hr	CC7%O2
Phenol	502C1R1		5.81e+3 ng/dscm 7%O2	1.32e-4 lbs/hr	CC7%O2
Phenol	502C1R2		6.19e+3 ng/dscm 7%O2	1.32e-4 lbs/hr	CC7%O2

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate	Calc
1,1,1-Trichloroethane	502C1R3		1.78e+3 ng/dscm 7%O2	4.50e-5 lbs/hr	CC7%O2
Benzene	502C1R1		3.43e+3 ng/dscm 7%O2	7.81e-5 lbs/hr	CC7%O2
Benzene	502C1R2		2.29e+3 ng/dscm 7%O2	4.90e-5 lbs/hr	CC7%O2
Benzene	502C1R3		1.78e+3 ng/dscm 7%O2	4.50e-5 lbs/hr	CC7%O2
Bromoform	502C1R3		3.77e+3 ng/dscm 7%O2	9.53e-5 lbs/hr	CC7%O2
Carbon Tetrachloride	502C1R1	ND	6.97e+2 ng/dscm 7%O2	1.59e-5 lbs/hr	CC7%O2
Carbon Tetrachloride	502C1R2	ND	7.43e+2 ng/dscm 7%O2	1.59e-5 lbs/hr	CC7%O2
Carbon Tetrachloride	502C1R3	ND	6.28e+2 ng/dscm 7%O2	1.59e-5 lbs/hr	CC7%O2
Chlorobenzene	502C1R1	ND	8.72e+2 ng/dscm 7%O2	1.98e-5 lbs/hr	CC7%O2

US EPA ARCHIVE DOCUMENT

SECTION 7: EMISSIONS 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

Chlorobenzene	502C1R2	ND	1.24e+3	ng/dscm	7%O2	2.65e-5	lbs/hr	CC7%O2
Chlorobenzene	502C1R3	ND	8.38e+2	ng/dscm	7%O2	2.12e-5	lbs/hr	CC7%O2
Chloroform	502C1R1		3.95e+4	ng/dscm	7%O2	9.00e-4	lbs/hr	CC7%O2
Chloroform	502C1R2		1.24e+4	ng/dscm	7%O2	2.65e-4	lbs/hr	CC7%O2
Chloroform	502C1R3		1.73e+4	ng/dscm	7%O2	4.37e-4	lbs/hr	CC7%O2
Chloromethane	502C1R1		1.74e+5	ng/dscm	7%O2	3.97e-3	lbs/hr	CC7%O2
Chloromethane	502C1R2		9.29e+4	ng/dscm	7%O2	1.98e-3	lbs/hr	CC7%O2
Chloromethane	502C1R3		1.73e+5	ng/dscm	7%O2	4.37e-3	lbs/hr	CC7%O2
Dichlorodifluoromethane	502C1R1		5.52e+3	ng/dscm	7%O2	1.26e-4	lbs/hr	CC7%O2
Methylene Chloride	502C1R1		1.22e+4	ng/dscm	7%O2	2.78e-4	lbs/hr	CC7%O2
Methylene Chloride	502C1R2		7.43e+4	ng/dscm	7%O2	1.59e-3	lbs/hr	CC7%O2
Methylene Chloride	502C1R3		2.67e+4	ng/dscm	7%O2	6.75e-4	lbs/hr	CC7%O2
Toluene	502C1R1		1.86e+4	ng/dscm	7%O2	4.23e-4	lbs/hr	CC7%O2
Toluene	502C1R2		2.73e+4	ng/dscm	7%O2	5.82e-4	lbs/hr	CC7%O2
Toluene	502C1R3		1.05e+4	ng/dscm	7%O2	2.65e-4	lbs/hr	CC7%O2

US EPA ARCHIVE DOCUMENT

SECTION 7: EMISSIONS ANALYSES

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

5. Type: CONTROLLED

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

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
HCl	713C1R1	2.68e+1 ppmv 7%O2	1.55e-1 lbs/hr	CC7%O2
HCl	713C1R2	2.32e+1 ppmv 7%O2	1.51e-1 lbs/hr	CC7%O2
HCl	713C1R3	2.61e+1 ppmv 7%O2	1.58e-1 lbs/hr	CC7%O2

7. Category: Particulate

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Particulate	713C1R1	6.75e-2 gr/dscf 7%O2	5.94e-1 lbs/hr	CE
Particulate	713C1R2	5.89e-2 gr/dscf 7%O2	5.82e-1 lbs/hr	CE
Particulate	713C1R3	6.84e-2 gr/dscf 7%O2	6.26e-1 lbs/hr	CE

7. Category: THC & CO

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
CO	713C1R1	2.50e+1 ppmv 7%O2	1.12e-1 lbs/hr	CE
CO	713C1R2	2.00e+0 ppmv 7%O2	1.00e-2 lbs/hr	CE
CO	713C1R3	2.00e+0 ppmv 7%O2	9.29e-3 lbs/hr	CE

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Chloroform	713C1R1	5.89e+4 ng/dscm 7%O2	2.26e-4 lbs/hr	CC7%O2
Chloroform	713C1R2	1.53e+5 ng/dscm 7%O2	6.59e-4 lbs/hr	CC7%O2
Chloroform	713C1R3	2.35e+5 ng/dscm 7%O2	9.37e-4 lbs/hr	CC7%O2
Toluene	713C1R1	3.91e+3 ng/dscm 7%O2	1.50e-5 lbs/hr	CC7%O2
Toluene	713C1R2	1.67e+4 ng/dscm 7%O2	7.20e-5 lbs/hr	CC7%O2
Toluene	713C1R3	8.76e+3 ng/dscm 7%O2	3.50e-5 lbs/hr	CC7%O2

SECTION 7: EMISSIONS ANALYSES

1. COMPANY: RADFORD ARMY AMMUNITION PLANT
 2. STATE: VA
 3. CITY: RADFORD
 4. EP ID: 349 DEVICE NAME: UNIT 6A

EPA VA1210020730
 SYSTEM TYPE: ONSITE INCINERATOR

REGION: 3
 APC SYSTEM: QC/FF/QC/PT

5. Type: CONTROLLED

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

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Lead	349C3R1	3.23e+1 ug/dscm 7%O2	2.00e-4 lbs/hr	CC7%O2
Lead	349C3R2	3.31e+1 ug/dscm 7%O2	2.10e-4 lbs/hr	CC7%O2
Lead	349C3R3	3.97e+1 ug/dscm 7%O2	2.30e-4 lbs/hr	CC7%O2
Lead	349C4R1	0.00e+0	5.40e-4 lbs/hr	
Lead	349C4R2	0.00e+0	1.80e-4 lbs/hr	
Lead	349C4R3	0.00e+0	2.50e-4 lbs/hr	

7. Category: Particulate

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Particulate	349C1R1	3.17e-3 gr/dscf 7%O2	4.28e-2 lbs/hr	CE
Particulate	349C1R2	6.38e-3 gr/dscf 7%O2	6.52e-2 lbs/hr	CE
Particulate	349C1R3	4.84e-3 gr/dscf 7%O2	4.51e-2 lbs/hr	CE
Particulate	349C2R1	1.72e-3 gr/dscf 7%O2	2.21e-2 lbs/hr	CE
Particulate	349C2R2	9.50e-4 gr/dscf 7%O2	1.28e-2 lbs/hr	CE
Particulate	349C2R3	8.10e-4 gr/dscf 7%O2	1.00e-2 lbs/hr	CE
Particulate	349C3R1	1.49e-3 gr/dscf 7%O2	2.11e-2 lbs/hr	CE
Particulate	349C3R2	8.00e-4 gr/dscf 7%O2	1.16e-2 lbs/hr	CE
Particulate	349C3R3	7.70e-4 gr/dscf 7%O2	1.02e-2 lbs/hr	CE
Particulate	349C4R1	1.00e-3 gr/dscf 7%O2	0.00e+0	
Particulate	349C4R2	5.30e-4 gr/dscf 7%O2	0.00e+0	
Particulate	349C4R3	2.21e-3 gr/dscf 7%O2	0.00e+0	

7. Category: SVOC

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Nitroglycerine	349C2R1	ND 8.58e+3 ng/dscm 7%O2	4.80e-5 lbs/hr	CC7%O2
Nitroglycerine	349C2R2	ND 1.66e+3 ng/dscm 7%O2	9.70e-6 lbs/hr	CC7%O2
Nitroglycerine	349C2R3	ND 1.66e+4 ng/dscm 7%O2	9.00e-5 lbs/hr	CC7%O2

7. Category: THC & CO

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
CO	349C1R1	1.00e+0 ppmv 7%O2	6.86e-3 lbs/hr	CE
CO	349C2R1	2.10e+1 ppmv 7%O2	1.37e-1 lbs/hr	CE
CO	349C2R2	2.90e+1 ppmv 7%O2	1.98e-1 lbs/hr	CE
CO	349C2R3	1.00e+0 ppmv 7%O2	6.29e-3 lbs/hr	CE
CO	349C3R1	1.00e+0 ppmv 7%O2	7.19e-3 lbs/hr	CE
CO	349C3R2	7.00e+0 ppmv 7%O2	5.16e-2 lbs/hr	CE

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Dinitrotoluene	349C1R1	ND 1.46e+5 ng/dscm 7%O2	8.60e-4 lbs/hr	CC7%O2
Dinitrotoluene	349C1R2	ND 1.73e+5 ng/dscm 7%O2	7.70e-4 lbs/hr	CC7%O2
Dinitrotoluene	349C1R3	ND 1.89e+5 ng/dscm 7%O2	7.70e-4 lbs/hr	CC7%O2

US EPA ARCHIVE DOCUMENT

SECTION 7: EMISSIONS ANALYSES

1. COMPANY: ROCKY MOUNTAIN ARSENAL
 2. STATE: CO
 3. CITY: ADAMS COUNTY
 4. EP ID: 902 DEVICE NAME: SQI

EPA ?
 SYSTEM TYPE: ONSITE INCINERATOR

REGION: 8
 APC SYSTEM: QT/V/S/PT

5. Type: CONTROLLED

6. Description: EMISSIONS Process Group: SUBMERGED QUENCH INC Location: STACK Phase: GAS

7. Category: Dioxin & Furan

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate	Calc
4D 2378	902C1R1	ND	2.02e-3	ng/dscm 7%O2	7.32e-11 lbs/hr	CE7%O2
4D 2378	902C1R2	ND	1.81e-3	ng/dscm 7%O2	6.65e-11 lbs/hr	CE7%O2
4D 2378	902C1R3	ND	2.03e-3	ng/dscm 7%O2	7.45e-11 lbs/hr	CE7%O2
4D Other	902C1R1		2.02e-3	ng/dscm 7%O2	7.32e-11 lbs/hr	OCE
4D Other	902C1R2		2.02e-4	ng/dscm 7%O2	7.39e-12 lbs/hr	OCE
4D Other	902C1R3		-8.12e-4	ng/dscm 7%O2	-2.98e-11 lbs/hr	OCE
4D Total	902C1R1	2	4.04e-3	ng/dscm 7%O2	1.46e-10 lbs/hr	CE7%O2
4D Total	902C1R2		2.02e-3	ng/dscm 7%O2	7.39e-11 lbs/hr	CE7%O2
4D Total	902C1R3		1.22e-3	ng/dscm 7%O2	4.47e-11 lbs/hr	CE7%O2
4F 2378	902C1R1		4.04e-3	ng/dscm 7%O2	1.46e-10 lbs/hr	CE7%O2
4F 2378	902C1R2		4.03e-3	ng/dscm 7%O2	1.48e-10 lbs/hr	CE7%O2
4F 2378	902C1R3	2	2.03e-3	ng/dscm 7%O2	7.45e-11 lbs/hr	CE7%O2
4F Other	902C1R1		3.84e-2	ng/dscm 7%O2	1.39e-9 lbs/hr	OCE
4F Other	902C1R2		5.84e-2	ng/dscm 7%O2	2.14e-9 lbs/hr	OCE
4F Other	902C1R3		9.34e-2	ng/dscm 7%O2	3.43e-9 lbs/hr	OCE
4F Total	902C1R1		4.24e-2	ng/dscm 7%O2	1.54e-9 lbs/hr	CE7%O2
4F Total	902C1R2		6.25e-2	ng/dscm 7%O2	2.29e-9 lbs/hr	CE7%O2
4F Total	902C1R3		9.54e-2	ng/dscm 7%O2	3.50e-9 lbs/hr	CE7%O2
5D 12378	902C1R1	ND	4.04e-3	ng/dscm 7%O2	1.46e-10 lbs/hr	CE7%O2
5D 12378	902C1R2	ND	2.02e-3	ng/dscm 7%O2	7.39e-11 lbs/hr	CE7%O2
5D 12378	902C1R3	ND	2.03e-3	ng/dscm 7%O2	7.45e-11 lbs/hr	CE7%O2
5D Other	902C1R1		0.00e+0		0.00e+0	OCE
5D Other	902C1R2		0.00e+0		0.00e+0	OCE
5D Other	902C1R3		0.00e+0		0.00e+0	OCE
5D Total	902C1R1		4.04e-3	ng/dscm 7%O2	1.46e-10 lbs/hr	CE7%O2
5D Total	902C1R2	2	2.02e-3	ng/dscm 7%O2	7.39e-11 lbs/hr	CE7%O2
5D Total	902C1R3	ND	2.03e-3	ng/dscm 7%O2	7.45e-11 lbs/hr	CE7%O2
5F 12378	902C1R1	ND	2.02e-3	ng/dscm 7%O2	7.32e-11 lbs/hr	CE7%O2
5F 12378	902C1R2	ND	1.61e-3	ng/dscm 7%O2	5.91e-11 lbs/hr	CE7%O2
5F 12378	902C1R3	ND	2.03e-3	ng/dscm 7%O2	7.45e-11 lbs/hr	CE7%O2
5F 23478	902C1R1	ND	2.02e-3	ng/dscm 7%O2	7.32e-11 lbs/hr	CE7%O2
5F 23478	902C1R2	ND	1.61e-3	ng/dscm 7%O2	5.91e-11 lbs/hr	CE7%O2
5F 23478	902C1R3	ND	1.83e-3	ng/dscm 7%O2	6.71e-11 lbs/hr	CE7%O2
5F Other	902C1R1		2.02e-3	ng/dscm 7%O2	7.32e-11 lbs/hr	OCE
5F Other	902C1R2		1.29e-2	ng/dscm 7%O2	4.73e-10 lbs/hr	OCE
5F Other	902C1R3		8.32e-3	ng/dscm 7%O2	3.05e-10 lbs/hr	OCE
5F Total	902C1R1		6.06e-3	ng/dscm 7%O2	2.20e-10 lbs/hr	CE7%O2
5F Total	902C1R2	2	1.61e-2	ng/dscm 7%O2	5.91e-10 lbs/hr	CE7%O2
5F Total	902C1R3	2	1.22e-2	ng/dscm 7%O2	4.47e-10 lbs/hr	CE7%O2
6D 123478	902C1R1	ND	6.06e-3	ng/dscm 7%O2	2.20e-10 lbs/hr	CE7%O2
6D 123478	902C1R2	ND	4.03e-3	ng/dscm 7%O2	1.48e-10 lbs/hr	CE7%O2
6D 123478	902C1R3	ND	4.06e-3	ng/dscm 7%O2	1.49e-10 lbs/hr	CE7%O2
6D 123678	902C1R1	ND	4.04e-3	ng/dscm 7%O2	1.46e-10 lbs/hr	CE7%O2
6D 123678	902C1R2	ND	2.02e-3	ng/dscm 7%O2	7.39e-11 lbs/hr	CE7%O2
6D 123678	902C1R3	ND	2.03e-3	ng/dscm 7%O2	7.45e-11 lbs/hr	CE7%O2
6D 123789	902C1R1	ND	4.04e-3	ng/dscm 7%O2	1.46e-10 lbs/hr	CE7%O2
6D 123789	902C1R2	ND	2.02e-3	ng/dscm 7%O2	7.39e-11 lbs/hr	CE7%O2
6D 123789	902C1R3	ND	4.06e-3	ng/dscm 7%O2	1.49e-10 lbs/hr	CE7%O2
6D Other	902C1R1		-1.01e-2	ng/dscm 7%O2	-3.66e-10 lbs/hr	OCE
6D Other	902C1R2		-6.05e-3	ng/dscm 7%O2	-2.22e-10 lbs/hr	OCE
6D Other	902C1R3		-6.09e-3	ng/dscm 7%O2	-2.24e-10 lbs/hr	OCE
6D Total	902C1R1	2	4.04e-3	ng/dscm 7%O2	1.46e-10 lbs/hr	CE7%O2
6D Total	902C1R2	ND	2.02e-3	ng/dscm 7%O2	7.39e-11 lbs/hr	CE7%O2

SECTION 7: EMISSIONS ANALYSES

1. COMPANY: ROCKY MOUNTAIN ARSENAL
 2. STATE: CO
 3. CITY: ADAMS COUNTY
 4. EP ID: 902 DEVICE NAME: SQI

EPA ?
 SYSTEM TYPE: ONSITE INCINERATOR

APC SYSTEM: QT/V/S/PT

REGION: 8

6D Total	902C1R3	ND	4.06e-3	ng/dscm	7%O2	1.49e-10	lbs/hr	CE7%O2
6F 123478	902C1R1		4.04e-3	ng/dscm	7%O2	1.46e-10	lbs/hr	CE7%O2
6F 123478	902C1R2	2	2.02e-3	ng/dscm	7%O2	7.39e-11	lbs/hr	CE7%O2
6F 123478	902C1R3	2	1.62e-3	ng/dscm	7%O2	5.96e-11	lbs/hr	CE7%O2
6F 123678	902C1R1	2	1.82e-3	ng/dscm	7%O2	6.59e-11	lbs/hr	CE7%O2
6F 123678	902C1R2	ND	1.21e-3	ng/dscm	7%O2	4.43e-11	lbs/hr	CE7%O2
6F 123678	902C1R3	ND	1.42e-3	ng/dscm	7%O2	5.22e-11	lbs/hr	CE7%O2
6F 123789	902C1R1	ND	2.02e-3	ng/dscm	7%O2	7.32e-11	lbs/hr	CE7%O2
6F 123789	902C1R2	ND	1.81e-3	ng/dscm	7%O2	6.65e-11	lbs/hr	CE7%O2
6F 123789	902C1R3	ND	2.03e-3	ng/dscm	7%O2	7.45e-11	lbs/hr	CE7%O2
6F 234678	902C1R1	2	4.04e-3	ng/dscm	7%O2	1.46e-10	lbs/hr	CE7%O2
6F 234678	902C1R2		2.02e-3	ng/dscm	7%O2	7.39e-11	lbs/hr	CE7%O2
6F 234678	902C1R3	2	2.03e-3	ng/dscm	7%O2	7.45e-11	lbs/hr	CE7%O2
6F Other	902C1R1		-3.84e-3	ng/dscm	7%O2	-1.39e-10	lbs/hr	OCE
6F Other	902C1R2		-5.04e-3	ng/dscm	7%O2	-1.85e-10	lbs/hr	OCE
6F Other	902C1R3		-5.48e-3	ng/dscm	7%O2	-2.01e-10	lbs/hr	OCE
6F Total	902C1R1		8.07e-3	ng/dscm	7%O2	2.93e-10	lbs/hr	CE7%O2
6F Total	902C1R2		2.02e-3	ng/dscm	7%O2	7.39e-11	lbs/hr	CE7%O2
6F Total	902C1R3		1.62e-3	ng/dscm	7%O2	5.96e-11	lbs/hr	CE7%O2
7D 1234678	902C1R1		4.04e-3	ng/dscm	7%O2	1.46e-10	lbs/hr	CE7%O2
7D 1234678	902C1R2	2	4.03e-3	ng/dscm	7%O2	1.48e-10	lbs/hr	CE7%O2
7D 1234678	902C1R3		4.06e-3	ng/dscm	7%O2	1.49e-10	lbs/hr	CE7%O2
7D Other	902C1R1		0.00e+0			0.00e+0		OCE
7D Other	902C1R2		2.02e-3	ng/dscm	7%O2	7.39e-11	lbs/hr	OCE
7D Other	902C1R3		0.00e+0			0.00e+0		OCE
7D Total	902C1R1		4.04e-3	ng/dscm	7%O2	1.46e-10	lbs/hr	CE7%O2
7D Total	902C1R2	2	6.05e-3	ng/dscm	7%O2	2.22e-10	lbs/hr	CE7%O2
7D Total	902C1R3		4.06e-3	ng/dscm	7%O2	1.49e-10	lbs/hr	CE7%O2
7F 1234678	902C1R1		4.04e-3	ng/dscm	7%O2	1.46e-10	lbs/hr	CE7%O2
7F 1234678	902C1R2		2.02e-3	ng/dscm	7%O2	7.39e-11	lbs/hr	CE7%O2
7F 1234678	902C1R3	ND	2.03e-3	ng/dscm	7%O2	7.45e-11	lbs/hr	CE7%O2
7F 1234789	902C1R1	ND	4.04e-3	ng/dscm	7%O2	1.46e-10	lbs/hr	CE7%O2
7F 1234789	902C1R2	ND	2.02e-3	ng/dscm	7%O2	7.39e-11	lbs/hr	CE7%O2
7F 1234789	902C1R3	ND	4.06e-3	ng/dscm	7%O2	1.49e-10	lbs/hr	CE7%O2
7F Other	902C1R1		-4.04e-3	ng/dscm	7%O2	-1.46e-10	lbs/hr	OCE
7F Other	902C1R2		-2.02e-3	ng/dscm	7%O2	-7.39e-11	lbs/hr	OCE
7F Other	902C1R3		-4.06e-3	ng/dscm	7%O2	-1.49e-10	lbs/hr	OCE
7F Total	902C1R1		4.04e-3	ng/dscm	7%O2	1.46e-10	lbs/hr	CE7%O2
7F Total	902C1R2		2.02e-3	ng/dscm	7%O2	7.39e-11	lbs/hr	CE7%O2
7F Total	902C1R3	ND	2.03e-3	ng/dscm	7%O2	7.45e-11	lbs/hr	CE7%O2
8D	902C1R1		2.02e-2	ng/dscm	7%O2	7.32e-10	lbs/hr	CE7%O2
8D	902C1R2		1.81e-2	ng/dscm	7%O2	6.65e-10	lbs/hr	CE7%O2
8D	902C1R3		2.64e-2	ng/dscm	7%O2	9.69e-10	lbs/hr	CE7%O2
8F	902C1R1	ND	8.07e-3	ng/dscm	7%O2	2.93e-10	lbs/hr	CE7%O2
8F	902C1R2	ND	4.03e-3	ng/dscm	7%O2	1.48e-10	lbs/hr	CE7%O2
8F	902C1R3	ND	8.12e-3	ng/dscm	7%O2	2.98e-10	lbs/hr	CE7%O2
TEQ	902C1R1		8.30e-3	ng/dscm	7%O2	3.01e-10	lbs/hr	CCET
TEQ	902C1R2		5.72e-3	ng/dscm	7%O2	2.10e-10	lbs/hr	CCET
TEQ	902C1R3		6.12e-3	ng/dscm	7%O2	2.25e-10	lbs/hr	CCET
Total PCDD/PCDF	902C1R1		1.05e-1	ng/dscm	7%O2	3.81e-9	lbs/hr	CCET
Total PCDD/PCDF	902C1R2		1.17e-1	ng/dscm	7%O2	4.29e-9	lbs/hr	CCET
Total PCDD/PCDF	902C1R3		1.57e-1	ng/dscm	7%O2	5.77e-9	lbs/hr	CCET

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
HCl	902C1R1	2.28e+0 ppmv 7%O2	1.25e-1 lbs/hr	CE7%O2
HCl	902C1R2	5.59e+0 ppmv 7%O2	3.10e-1 lbs/hr	CE7%O2

US EPA ARCHIVE DOCUMENT

SECTION 7: EMISSIONS ANALYSES

1. COMPANY: ROCKY MOUNTAIN ARSENAL
 2. STATE: CO
 3. CITY: ADAMS COUNTY
 4. EP ID: 902 DEVICE NAME: SQI

EPA ID: ?
 SYSTEM TYPE: ONSITE INCINERATOR

APC SYSTEM: QT/V/S/PT

REGION: 8

HCl	902C1R3	4.54e+0	ppmv 7%O2	2.52e-1	lbs/hr	CE7%O2
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7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate	Calc	
Antimony	902C1R1	3.32e+0	ug/dscm 7%O2	1.20e-4	lbs/hr	CE7%O2
Antimony	902C1R2	4.33e+0	ug/dscm 7%O2	1.59e-4	lbs/hr	CE7%O2
Antimony	902C1R3	3.65e+0	ug/dscm 7%O2	1.34e-4	lbs/hr	CE7%O2
Arsenic	902C1R1	4.42e+0	ug/dscm 7%O2	1.60e-4	lbs/hr	CE7%O2
Arsenic	902C1R2	4.39e+0	ug/dscm 7%O2	1.61e-4	lbs/hr	CE7%O2
Arsenic	902C1R3	ND 4.58e+0	ug/dscm 7%O2	1.68e-4	lbs/hr	CE7%O2
Barium	902C1R1	2.39e+0	ug/dscm 7%O2	8.69e-5	lbs/hr	CE7%O2
Barium	902C1R2	1.29e+1	ug/dscm 7%O2	4.73e-4	lbs/hr	CE7%O2
Barium	902C1R3	3.52e+0	ug/dscm 7%O2	1.29e-4	lbs/hr	CE7%O2
Beryllium	902C1R1	ND 1.51e-1	ug/dscm 7%O2	5.48e-6	lbs/hr	CE7%O2
Beryllium	902C1R2	ND 1.53e-1	ug/dscm 7%O2	5.61e-6	lbs/hr	CE7%O2
Beryllium	902C1R3	ND 1.52e-1	ug/dscm 7%O2	5.58e-6	lbs/hr	CE7%O2
Cadmium	902C1R1	5.97e-1	ug/dscm 7%O2	2.16e-5	lbs/hr	CE7%O2
Cadmium	902C1R2	ND 7.56e-1	ug/dscm 7%O2	2.77e-5	lbs/hr	CE7%O2
Cadmium	902C1R3	ND 7.44e-1	ug/dscm 7%O2	2.73e-5	lbs/hr	CE7%O2
Chromium	902C1R1	1.05e+0	ug/dscm 7%O2	3.81e-5	lbs/hr	CE7%O2
Chromium	902C1R2	1.09e+0	ug/dscm 7%O2	3.98e-5	lbs/hr	CE7%O2
Chromium	902C1R3	1.32e+0	ug/dscm 7%O2	4.84e-5	lbs/hr	CE7%O2
Chromium (Hex)	902C1R1	1.64e-1	ug/dscm 7%O2	5.95e-6	lbs/hr	CE7%O2
Chromium (Hex)	902C1R2	3.06e-2	ug/dscm 7%O2	1.12e-6	lbs/hr	CE7%O2
Chromium (Hex)	902C1R3	ND 3.48e-1	ug/dscm 7%O2	1.28e-5	lbs/hr	CE7%O2
Lead	902C1R1	2.43e+1	ug/dscm 7%O2	8.80e-4	lbs/hr	CE7%O2
Lead	902C1R2	2.34e+1	ug/dscm 7%O2	8.57e-4	lbs/hr	CE7%O2
Lead	902C1R3	2.19e+1	ug/dscm 7%O2	8.03e-4	lbs/hr	CE7%O2
Mercury	902C1R1	4.67e+1	ug/dscm 7%O2	1.69e-3	lbs/hr	CE7%O2
Mercury	902C1R2	4.21e+1	ug/dscm 7%O2	1.54e-3	lbs/hr	CE7%O2
Mercury	902C1R3	5.44e+1	ug/dscm 7%O2	2.00e-3	lbs/hr	CE7%O2
Nickel	902C1R1	2.70e+0	ug/dscm 7%O2	9.78e-5	lbs/hr	CE7%O2
Nickel	902C1R2	2.78e+0	ug/dscm 7%O2	1.02e-4	lbs/hr	CE7%O2
Nickel	902C1R3	5.06e+0	ug/dscm 7%O2	1.86e-4	lbs/hr	CE7%O2
Selenium	902C1R1	6.00e+0	ug/dscm 7%O2	2.18e-4	lbs/hr	CE7%O2
Selenium	902C1R2	ND 8.55e+0	ug/dscm 7%O2	3.14e-4	lbs/hr	CE7%O2
Selenium	902C1R3	ND 8.39e+0	ug/dscm 7%O2	3.08e-4	lbs/hr	CE7%O2
Silver	902C1R1	1.16e+0	ug/dscm 7%O2	4.21e-5	lbs/hr	CE7%O2
Silver	902C1R2	ND 1.38e+0	ug/dscm 7%O2	5.07e-5	lbs/hr	CE7%O2
Silver	902C1R3	ND 1.36e+0	ug/dscm 7%O2	4.99e-5	lbs/hr	CE7%O2
Thallium	902C1R1	ND 1.26e+1	ug/dscm 7%O2	4.55e-4	lbs/hr	CE7%O2
Thallium	902C1R2	ND 1.29e+1	ug/dscm 7%O2	4.73e-4	lbs/hr	CE7%O2
Thallium	902C1R3	ND 1.27e+1	ug/dscm 7%O2	4.65e-4	lbs/hr	CE7%O2

7. Category: PAH

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate	Calc	
Acenaphthene	902C1R1	ND 4.28e+3	ng/dscm 7%O2	1.55e-4	lbs/hr	CE7%O2
Acenaphthene	902C1R2	ND 4.23e+3	ng/dscm 7%O2	1.55e-4	lbs/hr	CE7%O2
Acenaphthene	902C1R3	ND 4.21e+3	ng/dscm 7%O2	1.55e-4	lbs/hr	CE7%O2
Acenaphthylene	902C1R1	ND 4.28e+3	ng/dscm 7%O2	1.55e-4	lbs/hr	CE7%O2
Acenaphthylene	902C1R2	ND 4.23e+3	ng/dscm 7%O2	1.55e-4	lbs/hr	CE7%O2
Acenaphthylene	902C1R3	ND 4.21e+3	ng/dscm 7%O2	1.55e-4	lbs/hr	CE7%O2
Anthracene	902C1R1	ND 4.28e+3	ng/dscm 7%O2	1.55e-4	lbs/hr	CE7%O2
Anthracene	902C1R2	ND 4.23e+3	ng/dscm 7%O2	1.55e-4	lbs/hr	CE7%O2
Anthracene	902C1R3	ND 4.21e+3	ng/dscm 7%O2	1.55e-4	lbs/hr	CE7%O2
Benzo(a)anthracene	902C1R1	ND 4.28e+3	ng/dscm 7%O2	1.55e-4	lbs/hr	CE7%O2

SECTION 7: EMISSIONS ANALYSES

1. COMPANY: ROCKY MOUNTAIN ARSENAL
 2. STATE: CO
 3. CITY: ADAMS COUNTY
 4. EP ID: 902 DEVICE NAME: SQI

EPA ID: ?
 SYSTEM TYPE: ONSITE INCINERATOR

APC SYSTEM: QT/V/S/PT

REGION: 8

Benzo(a)anthracene	902C1R2	ND	4.23e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Benzo(a)anthracene	902C1R3	ND	4.21e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Benzo(a)pyrene	902C1R1	ND	4.28e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Benzo(a)pyrene	902C1R2	ND	4.23e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Benzo(a)pyrene	902C1R3	ND	4.21e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Benzo(b)fluoranthene	902C1R1	ND	4.28e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Benzo(b)fluoranthene	902C1R2	ND	4.23e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Benzo(b)fluoranthene	902C1R3	ND	4.21e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Benzo(g,h,i)perylene	902C1R1	ND	4.28e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Benzo(g,h,i)perylene	902C1R2	ND	4.23e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Benzo(g,h,i)perylene	902C1R3	ND	4.21e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Benzo(k)fluoranthene	902C1R1	ND	4.28e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Benzo(k)fluoranthene	902C1R2	ND	4.23e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Benzo(k)fluoranthene	902C1R3	ND	4.21e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Chrysene	902C1R1	ND	4.28e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Chrysene	902C1R2	ND	4.23e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Chrysene	902C1R3	ND	4.21e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Dibenz(a,h)anthracene	902C1R1	ND	4.28e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Dibenz(a,h)anthracene	902C1R2	ND	4.23e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Dibenz(a,h)anthracene	902C1R3	ND	4.21e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Fluoranthene	902C1R1	ND	4.28e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Fluoranthene	902C1R2	ND	4.23e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Fluoranthene	902C1R3	ND	4.21e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Fluorene	902C1R1	ND	4.28e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Fluorene	902C1R2	ND	4.23e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Fluorene	902C1R3	ND	4.21e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Indeno(1,2,3-cd)pyrene	902C1R1	ND	4.28e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Indeno(1,2,3-cd)pyrene	902C1R2	ND	4.23e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Indeno(1,2,3-cd)pyrene	902C1R3	ND	4.21e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Naphthalene	902C1R1	ND	4.28e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Naphthalene	902C1R2	ND	4.23e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Naphthalene	902C1R3	ND	4.21e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Phenanthrene	902C1R1	ND	4.28e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Phenanthrene	902C1R2	ND	4.23e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Phenanthrene	902C1R3	ND	4.21e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Pyrene	902C1R1	ND	4.28e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Pyrene	902C1R2	ND	4.23e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Pyrene	902C1R3	ND	4.21e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2

7. Category: Particulate

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Particulate	902C1R1	1.94e-2 gr/dscf 7%O2	1.61e+0 lbs/hr	CE
Particulate	902C1R2	2.38e-2 gr/dscf 7%O2	2.00e+0 lbs/hr	CE
Particulate	902C1R3	2.09e-2 gr/dscf 7%O2	1.76e+0 lbs/hr	CE

7. Category: SVOC

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
1,2,4-Trichlorobenzene	902C1R1	ND 4.28e+3 ng/dscm 7%O2	1.55e-4 lbs/hr	CE7%O2
1,2,4-Trichlorobenzene	902C1R2	ND 4.23e+3 ng/dscm 7%O2	1.55e-4 lbs/hr	CE7%O2
1,2,4-Trichlorobenzene	902C1R3	ND 4.21e+3 ng/dscm 7%O2	1.55e-4 lbs/hr	CE7%O2
1,2-Dichlorobenzene	902C1R1	ND 4.28e+3 ng/dscm 7%O2	1.55e-4 lbs/hr	CE7%O2
1,2-Dichlorobenzene	902C1R2	ND 4.23e+3 ng/dscm 7%O2	1.55e-4 lbs/hr	CE7%O2
1,2-Dichlorobenzene	902C1R3	ND 4.21e+3 ng/dscm 7%O2	1.55e-4 lbs/hr	CE7%O2
1,3-Dichlorobenzene	902C1R1	ND 4.28e+3 ng/dscm 7%O2	1.55e-4 lbs/hr	CE7%O2
1,3-Dichlorobenzene	902C1R2	ND 4.23e+3 ng/dscm 7%O2	1.55e-4 lbs/hr	CE7%O2
1,3-Dichlorobenzene	902C1R3	ND 4.21e+3 ng/dscm 7%O2	1.55e-4 lbs/hr	CE7%O2

SECTION 7: EMISSIONS ANALYSES

1. COMPANY: ROCKY MOUNTAIN ARSENAL
 2. STATE: CO
 3. CITY: ADAMS COUNTY
 4. EP ID: 902 DEVICE NAME: SQI

EPA ?
 SYSTEM TYPE: ONSITE INCINERATOR

APC SYSTEM: QT/V5/PT

REGION: 8

1,4-Dichlorobenzene	902C1R1	ND	4.28e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
1,4-Dichlorobenzene	902C1R2	ND	4.23e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
1,4-Dichlorobenzene	902C1R3	ND	4.21e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
2,4,5-Trichlorophenol	902C1R1	ND	2.14e+4	ng/dscm	7%O2	7.77e-4	lbs/hr	CE7%O2
2,4,5-Trichlorophenol	902C1R2	ND	2.12e+4	ng/dscm	7%O2	7.76e-4	lbs/hr	CE7%O2
2,4,5-Trichlorophenol	902C1R3	ND	2.11e+4	ng/dscm	7%O2	7.73e-4	lbs/hr	CE7%O2
2,4,6-Trichlorophenol	902C1R1	ND	4.28e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
2,4,6-Trichlorophenol	902C1R2	ND	4.23e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
2,4,6-Trichlorophenol	902C1R3	ND	4.21e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
2,4-Dichlorophenol	902C1R1	ND	4.28e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
2,4-Dichlorophenol	902C1R2	ND	4.23e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
2,4-Dichlorophenol	902C1R3	ND	4.21e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
2,4-Dimethylphenol	902C1R1	ND	4.28e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
2,4-Dimethylphenol	902C1R2	ND	4.23e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
2,4-Dimethylphenol	902C1R3	ND	4.21e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
2,4-Dinitrophenol	902C1R1	ND	2.14e+4	ng/dscm	7%O2	7.77e-4	lbs/hr	CE7%O2
2,4-Dinitrophenol	902C1R2	ND	2.12e+4	ng/dscm	7%O2	7.76e-4	lbs/hr	CE7%O2
2,4-Dinitrophenol	902C1R3	ND	2.11e+4	ng/dscm	7%O2	7.73e-4	lbs/hr	CE7%O2
2,4-Dinitrotoluene	902C1R1	ND	4.28e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
2,4-Dinitrotoluene	902C1R2	ND	4.23e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
2,4-Dinitrotoluene	902C1R3	ND	4.21e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
2,6-Dinitrotoluene	902C1R1	ND	4.28e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
2,6-Dinitrotoluene	902C1R2	ND	4.23e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
2,6-Dinitrotoluene	902C1R3	ND	4.21e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
2-Chloronaphthalene	902C1R1	ND	4.28e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
2-Chloronaphthalene	902C1R2	ND	4.23e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
2-Chloronaphthalene	902C1R3	ND	4.21e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
2-Chlorophenol	902C1R1	ND	4.28e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
2-Chlorophenol	902C1R2	ND	4.23e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
2-Chlorophenol	902C1R3	ND	4.21e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
2-Methylnaphthalene	902C1R1	ND	4.28e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
2-Methylnaphthalene	902C1R2	ND	4.23e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
2-Methylnaphthalene	902C1R3	ND	4.21e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
2-Methylphenol (o-Cresol)	902C1R1	ND	4.28e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
2-Methylphenol (o-Cresol)	902C1R2	ND	4.23e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
2-Methylphenol (o-Cresol)	902C1R3	ND	4.21e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
2-Nitroaniline	902C1R1	ND	2.14e+4	ng/dscm	7%O2	7.77e-4	lbs/hr	CE7%O2
2-Nitroaniline	902C1R2	ND	2.12e+4	ng/dscm	7%O2	7.76e-4	lbs/hr	CE7%O2
2-Nitroaniline	902C1R3	ND	2.11e+4	ng/dscm	7%O2	7.73e-4	lbs/hr	CE7%O2
2-Nitrophenol	902C1R1	ND	4.28e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
2-Nitrophenol	902C1R2	ND	4.23e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
2-Nitrophenol	902C1R3	ND	4.21e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
3,3-Dichlorobenzidine	902C1R1	ND	8.57e+3	ng/dscm	7%O2	3.11e-4	lbs/hr	CE7%O2
3,3-Dichlorobenzidine	902C1R2	ND	8.46e+3	ng/dscm	7%O2	3.10e-4	lbs/hr	CE7%O2
3,3-Dichlorobenzidine	902C1R3	ND	8.42e+3	ng/dscm	7%O2	3.09e-4	lbs/hr	CE7%O2
3-Nitroaniline	902C1R1	ND	2.14e+4	ng/dscm	7%O2	7.77e-4	lbs/hr	CE7%O2
3-Nitroaniline	902C1R2	ND	2.12e+4	ng/dscm	7%O2	7.76e-4	lbs/hr	CE7%O2
3-Nitroaniline	902C1R3	ND	2.11e+4	ng/dscm	7%O2	7.73e-4	lbs/hr	CE7%O2
4,4'-DDD	902C1R1	ND	4.28e+1	ng/dscm	7%O2	1.55e-6	lbs/hr	CE7%O2
4,4'-DDD	902C1R2	ND	4.23e+1	ng/dscm	7%O2	1.55e-6	lbs/hr	CE7%O2
4,4'-DDD	902C1R3	ND	4.21e+1	ng/dscm	7%O2	1.55e-6	lbs/hr	CE7%O2
4,4'-DDE	902C1R1	ND	4.28e+1	ng/dscm	7%O2	1.55e-6	lbs/hr	CE7%O2
4,4'-DDE	902C1R2	ND	4.23e+1	ng/dscm	7%O2	1.55e-6	lbs/hr	CE7%O2
4,4'-DDE	902C1R3	ND	4.21e+1	ng/dscm	7%O2	1.55e-6	lbs/hr	CE7%O2
4,4'-DDT	902C1R1	ND	4.28e+1	ng/dscm	7%O2	1.55e-6	lbs/hr	CE7%O2
4,4'-DDT	902C1R2	ND	4.23e+1	ng/dscm	7%O2	1.55e-6	lbs/hr	CE7%O2
4,4'-DDT	902C1R3	ND	4.21e+1	ng/dscm	7%O2	1.55e-6	lbs/hr	CE7%O2
4,4-Dichlorobiphenyl	902C1R1	ND	4.28e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
4,4-Dichlorobiphenyl	902C1R2	ND	4.23e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2

US EPA ARCHIVE DOCUMENT

SECTION 7: EMISSIONS ANALYSES

1. COMPANY: ROCKY MOUNTAIN ARSENAL
 2. STATE: CO
 3. CITY: ADAMS COUNTY
 4. EP ID: 902 DEVICE NAME: SQI

EPA ID: ?
 SYSTEM TYPE: ONSITE INCINERATOR

APC SYSTEM: QT/V/S/PT

REGION: 8

4,4-Dichlorobiphenyl	902C1R3	ND	4.21e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
4,6-Dinitro-o-Cresol	902C1R1	ND	2.14e+4	ng/dscm	7%O2	7.77e-4	lbs/hr	CE7%O2
4,6-Dinitro-o-Cresol	902C1R2	ND	2.12e+4	ng/dscm	7%O2	7.76e-4	lbs/hr	CE7%O2
4,6-Dinitro-o-Cresol	902C1R3	ND	2.11e+4	ng/dscm	7%O2	7.73e-4	lbs/hr	CE7%O2
4-Bromophenyl-phenylether	902C1R1	ND	4.28e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
4-Bromophenyl-phenylether	902C1R2	ND	4.23e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
4-Bromophenyl-phenylether	902C1R3	ND	4.21e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
4-Chloro-3-methylphenol	902C1R1	ND	4.28e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
4-Chloro-3-methylphenol	902C1R2	ND	4.23e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
4-Chloro-3-methylphenol	902C1R3	ND	4.21e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
4-Chloroaniline	902C1R1	ND	4.28e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
4-Chloroaniline	902C1R2	ND	4.23e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
4-Chloroaniline	902C1R3	ND	4.21e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
4-Chlorophenyl-phenylether	902C1R1	ND	4.28e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
4-Chlorophenyl-phenylether	902C1R2	ND	4.23e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
4-Chlorophenyl-phenylether	902C1R3	ND	4.21e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
4-Methylphenol (p-Cresol)	902C1R1	ND	4.28e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
4-Methylphenol (p-Cresol)	902C1R2	ND	4.23e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
4-Methylphenol (p-Cresol)	902C1R3	ND	4.21e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
4-Nitroaniline	902C1R1	ND	2.14e+4	ng/dscm	7%O2	7.77e-4	lbs/hr	CE7%O2
4-Nitroaniline	902C1R2	ND	2.12e+4	ng/dscm	7%O2	7.76e-4	lbs/hr	CE7%O2
4-Nitroaniline	902C1R3	ND	2.11e+4	ng/dscm	7%O2	7.73e-4	lbs/hr	CE7%O2
4-Nitrophenol	902C1R1	ND	2.14e+4	ng/dscm	7%O2	7.77e-4	lbs/hr	CE7%O2
4-Nitrophenol	902C1R2	ND	2.12e+4	ng/dscm	7%O2	7.76e-4	lbs/hr	CE7%O2
4-Nitrophenol	902C1R3	ND	2.11e+4	ng/dscm	7%O2	7.73e-4	lbs/hr	CE7%O2
Aldrin	902C1R1	ND	2.14e+1	ng/dscm	7%O2	7.77e-7	lbs/hr	CE7%O2
Aldrin	902C1R2	ND	2.12e+1	ng/dscm	7%O2	7.76e-7	lbs/hr	CE7%O2
Aldrin	902C1R3	ND	2.11e+1	ng/dscm	7%O2	7.73e-7	lbs/hr	CE7%O2
Alpha-BHC	902C1R1	ND	2.14e+1	ng/dscm	7%O2	7.77e-7	lbs/hr	CE7%O2
Alpha-BHC	902C1R2	ND	2.12e+1	ng/dscm	7%O2	7.76e-7	lbs/hr	CE7%O2
Alpha-BHC	902C1R3	ND	2.11e+1	ng/dscm	7%O2	7.73e-7	lbs/hr	CE7%O2
Alpha-chlordane	902C1R1	ND	2.14e+1	ng/dscm	7%O2	7.77e-7	lbs/hr	CE7%O2
Alpha-chlordane	902C1R2	ND	2.12e+1	ng/dscm	7%O2	7.76e-7	lbs/hr	CE7%O2
Alpha-chlordane	902C1R3	ND	2.11e+1	ng/dscm	7%O2	7.73e-7	lbs/hr	CE7%O2
Aroclor-1016	902C1R1	ND	4.28e+2	ng/dscm	7%O2	1.55e-5	lbs/hr	CE7%O2
Aroclor-1016	902C1R2	ND	4.23e+2	ng/dscm	7%O2	1.55e-5	lbs/hr	CE7%O2
Aroclor-1016	902C1R3	ND	4.21e+2	ng/dscm	7%O2	1.55e-5	lbs/hr	CE7%O2
Aroclor-1221	902C1R1	ND	8.57e+2	ng/dscm	7%O2	3.11e-5	lbs/hr	CE7%O2
Aroclor-1221	902C1R2	ND	8.46e+2	ng/dscm	7%O2	3.10e-5	lbs/hr	CE7%O2
Aroclor-1221	902C1R3	ND	8.42e+2	ng/dscm	7%O2	3.09e-5	lbs/hr	CE7%O2
Aroclor-1232	902C1R1	ND	4.28e+2	ng/dscm	7%O2	1.55e-5	lbs/hr	CE7%O2
Aroclor-1232	902C1R2	ND	4.23e+2	ng/dscm	7%O2	1.55e-5	lbs/hr	CE7%O2
Aroclor-1232	902C1R3	ND	4.21e+2	ng/dscm	7%O2	1.55e-5	lbs/hr	CE7%O2
Aroclor-1242	902C1R1	ND	4.28e+2	ng/dscm	7%O2	1.55e-5	lbs/hr	CE7%O2
Aroclor-1242	902C1R2	ND	4.23e+2	ng/dscm	7%O2	1.55e-5	lbs/hr	CE7%O2
Aroclor-1242	902C1R3	ND	4.21e+2	ng/dscm	7%O2	1.55e-5	lbs/hr	CE7%O2
Aroclor-1248	902C1R1	ND	4.28e+2	ng/dscm	7%O2	1.55e-5	lbs/hr	CE7%O2
Aroclor-1248	902C1R2	ND	4.23e+2	ng/dscm	7%O2	1.55e-5	lbs/hr	CE7%O2
Aroclor-1248	902C1R3	ND	4.21e+2	ng/dscm	7%O2	1.55e-5	lbs/hr	CE7%O2
Aroclor-1254	902C1R1	ND	4.28e+2	ng/dscm	7%O2	1.55e-5	lbs/hr	CE7%O2
Aroclor-1254	902C1R2	ND	4.23e+2	ng/dscm	7%O2	1.55e-5	lbs/hr	CE7%O2
Aroclor-1254	902C1R3	ND	4.21e+2	ng/dscm	7%O2	1.55e-5	lbs/hr	CE7%O2
Aroclor-1260	902C1R1	ND	4.28e+2	ng/dscm	7%O2	1.55e-5	lbs/hr	CE7%O2
Aroclor-1260	902C1R2	ND	4.23e+2	ng/dscm	7%O2	1.55e-5	lbs/hr	CE7%O2
Aroclor-1260	902C1R3	ND	4.21e+2	ng/dscm	7%O2	1.55e-5	lbs/hr	CE7%O2
Atrazine	902C1R1	ND	4.28e+2	ng/dscm	7%O2	1.55e-5	lbs/hr	CE7%O2
Atrazine	902C1R2	ND	4.23e+2	ng/dscm	7%O2	1.55e-5	lbs/hr	CE7%O2
Atrazine	902C1R3	ND	4.21e+2	ng/dscm	7%O2	1.55e-5	lbs/hr	CE7%O2
Azinphos-methyl	902C1R1	ND	2.14e+2	ng/dscm	7%O2	7.77e-6	lbs/hr	CE7%O2

US EPA ARCHIVE DOCUMENT

SECTION 7: EMISSIONS ANALYSES

1. COMPANY: ROCKY MOUNTAIN ARSENAL
 2. STATE: CO
 3. CITY: ADAMS COUNTY
 4. EP ID: 902 DEVICE NAME: SQI

EPA ID: ?
 SYSTEM TYPE: ONSITE INCINERATOR

APC SYSTEM: QT/V5/PT

REGION: 8

Azinphos-methyl	902C1R2	ND	2.12e+2	ng/dscm	7%O2	7.76e-6	lbs/hr	CE7%O2
Azinphos-methyl	902C1R3	ND	2.11e+2	ng/dscm	7%O2	7.73e-6	lbs/hr	CE7%O2
Benzoic acid	902C1R1	2	6.64e+3	ng/dscm	7%O2	2.41e-4	lbs/hr	CE7%O2
Benzoic acid	902C1R2	2	7.19e+3	ng/dscm	7%O2	2.64e-4	lbs/hr	CE7%O2
Benzoic acid	902C1R3	2	1.13e+4	ng/dscm	7%O2	4.13e-4	lbs/hr	CE7%O2
Benzyl alcohol	902C1R1	2	1.50e+3	ng/dscm	7%O2	5.44e-5	lbs/hr	CE7%O2
Benzyl alcohol	902C1R2	ND	4.23e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Benzyl alcohol	902C1R3	ND	4.21e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Beta-BHC	902C1R1	ND	2.14e+1	ng/dscm	7%O2	7.77e-7	lbs/hr	CE7%O2
Beta-BHC	902C1R2	ND	2.12e+1	ng/dscm	7%O2	7.76e-7	lbs/hr	CE7%O2
Beta-BHC	902C1R3	ND	2.11e+1	ng/dscm	7%O2	7.73e-7	lbs/hr	CE7%O2
bis(2-chloroethoxy) Methane	902C1R1	ND	4.28e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
bis(2-chloroethoxy) Methane	902C1R2	ND	4.23e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
bis(2-chloroethoxy) Methane	902C1R3	ND	4.21e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
bis(2-chloroethyl) Ether	902C1R1	ND	4.28e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
bis(2-chloroethyl) Ether	902C1R2	ND	4.23e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
bis(2-chloroethyl) Ether	902C1R3	ND	4.21e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
bis(2-chloroisopropyl) Ether	902C1R1	ND	4.28e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
bis(2-chloroisopropyl) Ether	902C1R2	ND	4.23e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
bis(2-chloroisopropyl) Ether	902C1R3	ND	4.21e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
bis(2-ethylexyl) Phthalate	902C1R1	2	4.28e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
bis(2-ethylexyl) Phthalate	902C1R2	2	2.54e+3	ng/dscm	7%O2	9.31e-5	lbs/hr	CE7%O2
bis(2-ethylexyl) Phthalate	902C1R3	2	2.95e+3	ng/dscm	7%O2	1.08e-4	lbs/hr	CE7%O2
Bolstar	902C1R1	ND	8.57e+1	ng/dscm	7%O2	3.11e-6	lbs/hr	CE7%O2
Bolstar	902C1R2	ND	8.46e+1	ng/dscm	7%O2	3.10e-6	lbs/hr	CE7%O2
Bolstar	902C1R3	ND	8.42e+1	ng/dscm	7%O2	3.09e-6	lbs/hr	CE7%O2
Butylbenzylphthalate	902C1R1	2	3.00e+3	ng/dscm	7%O2	1.09e-4	lbs/hr	CE7%O2
Butylbenzylphthalate	902C1R2	2	2.96e+3	ng/dscm	7%O2	1.09e-4	lbs/hr	CE7%O2
Butylbenzylphthalate	902C1R3	2	1.68e+3	ng/dscm	7%O2	6.18e-5	lbs/hr	CE7%O2
Carbazole	902C1R1	ND	4.28e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Carbazole	902C1R2	ND	4.23e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Carbazole	902C1R3	ND	4.21e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Chlorpyrifos	902C1R1	ND	8.57e+1	ng/dscm	7%O2	3.11e-6	lbs/hr	CE7%O2
Chlorpyrifos	902C1R2	ND	8.46e+1	ng/dscm	7%O2	3.10e-6	lbs/hr	CE7%O2
Chlorpyrifos	902C1R3	ND	8.42e+1	ng/dscm	7%O2	3.09e-6	lbs/hr	CE7%O2
Coumaphos	902C1R1	ND	4.28e+2	ng/dscm	7%O2	1.55e-5	lbs/hr	CE7%O2
Coumaphos	902C1R2	ND	4.23e+2	ng/dscm	7%O2	1.55e-5	lbs/hr	CE7%O2
Coumaphos	902C1R3	ND	4.21e+2	ng/dscm	7%O2	1.55e-5	lbs/hr	CE7%O2
Delta-BHC	902C1R1	ND	2.14e+1	ng/dscm	7%O2	7.77e-7	lbs/hr	CE7%O2
Delta-BHC	902C1R2	ND	2.12e+1	ng/dscm	7%O2	7.76e-7	lbs/hr	CE7%O2
Delta-BHC	902C1R3	ND	2.11e+1	ng/dscm	7%O2	7.73e-7	lbs/hr	CE7%O2
Demeton, O	902C1R1	ND	8.57e+1	ng/dscm	7%O2	3.11e-6	lbs/hr	CE7%O2
Demeton, O	902C1R2	ND	8.46e+1	ng/dscm	7%O2	3.10e-6	lbs/hr	CE7%O2
Demeton, O	902C1R3	ND	8.42e+1	ng/dscm	7%O2	3.09e-6	lbs/hr	CE7%O2
Demeton, S	902C1R1	ND	8.57e+1	ng/dscm	7%O2	3.11e-6	lbs/hr	CE7%O2
Demeton, S	902C1R2	ND	8.46e+1	ng/dscm	7%O2	3.10e-6	lbs/hr	CE7%O2
Demeton, S	902C1R3	ND	8.42e+1	ng/dscm	7%O2	3.09e-6	lbs/hr	CE7%O2
di-n-Butyl Phthalate	902C1R1	2	6.42e+3	ng/dscm	7%O2	2.33e-4	lbs/hr	CE7%O2
di-n-Butyl Phthalate	902C1R2	2	4.87e+3	ng/dscm	7%O2	1.78e-4	lbs/hr	CE7%O2
di-n-Butyl Phthalate	902C1R3	2	5.47e+3	ng/dscm	7%O2	2.01e-4	lbs/hr	CE7%O2
di-n-Octyl Phthalate	902C1R1	ND	4.28e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
di-n-Octyl Phthalate	902C1R2	ND	4.23e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
di-n-Octyl Phthalate	902C1R3	ND	4.21e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Dibenzofuran	902C1R1	ND	4.28e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Dibenzofuran	902C1R2	ND	4.23e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Dibenzofuran	902C1R3	ND	4.21e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Dichlorvos	902C1R1	ND	8.57e+1	ng/dscm	7%O2	3.11e-6	lbs/hr	CE7%O2
Dichlorvos	902C1R2	ND	8.46e+1	ng/dscm	7%O2	3.10e-6	lbs/hr	CE7%O2
Dichlorvos	902C1R3	ND	8.42e+1	ng/dscm	7%O2	3.09e-6	lbs/hr	CE7%O2

US EPA ARCHIVE DOCUMENT

SECTION 7: EMISSIONS ANALYSES

1. COMPANY: ROCKY MOUNTAIN ARSENAL
 2. STATE: CO
 3. CITY: ADAMS COUNTY
 4. EP ID: 902 DEVICE NAME: SQI

EPA ID: ?
 SYSTEM TYPE: ONSITE INCINERATOR

APC SYSTEM: QT/V/S/PT

REGION: 8

Dieldrin	902C1R1	ND	4.28e+1	ng/dscm	7%O2	1.55e-6	lbs/hr	CE7%O2
Dieldrin	902C1R2	ND	4.23e+1	ng/dscm	7%O2	1.55e-6	lbs/hr	CE7%O2
Dieldrin	902C1R3	ND	4.21e+1	ng/dscm	7%O2	1.55e-6	lbs/hr	CE7%O2
Diethylphthalate	902C1R1	2	1.93e+3	ng/dscm	7%O2	6.99e-5	lbs/hr	CE7%O2
Diethylphthalate	902C1R2	2	1.48e+3	ng/dscm	7%O2	5.43e-5	lbs/hr	CE7%O2
Diethylphthalate	902C1R3	2	5.69e+3	ng/dscm	7%O2	2.09e-4	lbs/hr	CE7%O2
Dimethylphthalate	902C1R1	2	1.07e+3	ng/dscm	7%O2	3.88e-5	lbs/hr	CE7%O2
Dimethylphthalate	902C1R2	2	1.69e+3	ng/dscm	7%O2	6.21e-5	lbs/hr	CE7%O2
Dimethylphthalate	902C1R3	2	1.68e+3	ng/dscm	7%O2	6.18e-5	lbs/hr	CE7%O2
Disulfoton	902C1R1	ND	8.57e+1	ng/dscm	7%O2	3.11e-6	lbs/hr	CE7%O2
Disulfoton	902C1R2	ND	8.46e+1	ng/dscm	7%O2	3.10e-6	lbs/hr	CE7%O2
Disulfoton	902C1R3	ND	8.42e+0	ng/dscm	7%O2	3.09e-7	lbs/hr	CE7%O2
Endosulfan I	902C1R1	ND	2.14e+1	ng/dscm	7%O2	7.77e-7	lbs/hr	CE7%O2
Endosulfan I	902C1R2	ND	2.12e+1	ng/dscm	7%O2	7.76e-7	lbs/hr	CE7%O2
Endosulfan I	902C1R3	ND	2.11e+1	ng/dscm	7%O2	7.73e-7	lbs/hr	CE7%O2
Endosulfan II	902C1R1	ND	4.28e+1	ng/dscm	7%O2	1.55e-6	lbs/hr	CE7%O2
Endosulfan II	902C1R2	ND	4.23e+1	ng/dscm	7%O2	1.55e-6	lbs/hr	CE7%O2
Endosulfan II	902C1R3	ND	4.21e+1	ng/dscm	7%O2	1.55e-6	lbs/hr	CE7%O2
Endosulfan sulfate	902C1R1	ND	4.28e+1	ng/dscm	7%O2	1.55e-6	lbs/hr	CE7%O2
Endosulfan sulfate	902C1R2	ND	4.23e+1	ng/dscm	7%O2	1.55e-6	lbs/hr	CE7%O2
Endosulfan sulfate	902C1R3	ND	4.21e+1	ng/dscm	7%O2	1.55e-6	lbs/hr	CE7%O2
Endrin	902C1R1	ND	4.28e+1	ng/dscm	7%O2	1.55e-6	lbs/hr	CE7%O2
Endrin	902C1R2	ND	4.23e+1	ng/dscm	7%O2	1.55e-6	lbs/hr	CE7%O2
Endrin	902C1R3	ND	4.21e+1	ng/dscm	7%O2	1.55e-6	lbs/hr	CE7%O2
Endrin ketone	902C1R1	ND	4.28e+1	ng/dscm	7%O2	1.55e-6	lbs/hr	CE7%O2
Endrin ketone	902C1R2	ND	4.23e+1	ng/dscm	7%O2	1.55e-6	lbs/hr	CE7%O2
Endrin ketone	902C1R3	ND	4.21e+1	ng/dscm	7%O2	1.55e-6	lbs/hr	CE7%O2
Ethyl parathion	902C1R1	ND	8.57e+1	ng/dscm	7%O2	3.11e-6	lbs/hr	CE7%O2
Ethyl parathion	902C1R2	ND	8.46e+1	ng/dscm	7%O2	3.10e-6	lbs/hr	CE7%O2
Ethyl parathion	902C1R3	ND	8.42e+1	ng/dscm	7%O2	3.09e-6	lbs/hr	CE7%O2
Ethylbenzene	902C1R1	3	2.08e+3	ng/dscm	7%O2	7.55e-5	lbs/hr	CE7%O2
Ethylbenzene	902C1R2	ND	2.34e+3	ng/dscm	7%O2	8.59e-5	lbs/hr	CE7%O2
Ethylbenzene	902C1R3	ND	2.36e+3	ng/dscm	7%O2	8.68e-5	lbs/hr	CE7%O2
Fensulfothion	902C1R1	ND	8.57e+1	ng/dscm	7%O2	3.11e-6	lbs/hr	CE7%O2
Fensulfothion	902C1R2	ND	8.46e+1	ng/dscm	7%O2	3.10e-6	lbs/hr	CE7%O2
Fensulfothion	902C1R3	ND	8.42e+1	ng/dscm	7%O2	3.09e-6	lbs/hr	CE7%O2
Fenthion	902C1R1	ND	8.57e+1	ng/dscm	7%O2	3.11e-6	lbs/hr	CE7%O2
Fenthion	902C1R2	ND	8.46e+1	ng/dscm	7%O2	3.10e-6	lbs/hr	CE7%O2
Fenthion	902C1R3	ND	8.42e+1	ng/dscm	7%O2	3.09e-6	lbs/hr	CE7%O2
Gamma-BHC	902C1R1	ND	2.14e+1	ng/dscm	7%O2	7.77e-7	lbs/hr	CE7%O2
Gamma-BHC	902C1R2	ND	2.12e+1	ng/dscm	7%O2	7.76e-7	lbs/hr	CE7%O2
Gamma-BHC	902C1R3	ND	2.11e+1	ng/dscm	7%O2	7.73e-7	lbs/hr	CE7%O2
Gamma-chlordane	902C1R1	ND	2.14e+1	ng/dscm	7%O2	7.77e-7	lbs/hr	CE7%O2
Gamma-chlordane	902C1R2	ND	2.12e+1	ng/dscm	7%O2	7.76e-7	lbs/hr	CE7%O2
Gamma-chlordane	902C1R3	ND	2.11e+1	ng/dscm	7%O2	7.73e-7	lbs/hr	CE7%O2
Heptachlor	902C1R1	ND	2.14e+1	ng/dscm	7%O2	7.77e-7	lbs/hr	CE7%O2
Heptachlor	902C1R2	ND	2.12e+1	ng/dscm	7%O2	7.76e-7	lbs/hr	CE7%O2
Heptachlor	902C1R3	ND	2.11e+1	ng/dscm	7%O2	7.73e-7	lbs/hr	CE7%O2
Heptachlor epoxide	902C1R1		6.10e+1	ng/dscm	7%O2	2.21e-6	lbs/hr	CE7%O2
Heptachlor epoxide	902C1R2	ND	2.12e+1	ng/dscm	7%O2	7.76e-7	lbs/hr	CE7%O2
Heptachlor epoxide	902C1R3	ND	2.11e+1	ng/dscm	7%O2	7.73e-7	lbs/hr	CE7%O2
Hexachlorobenzene	902C1R1	ND	4.28e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Hexachlorobenzene	902C1R2	ND	4.23e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Hexachlorobenzene	902C1R3	ND	4.21e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Hexachlorobutadiene	902C1R1	ND	4.28e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Hexachlorobutadiene	902C1R2	ND	4.23e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Hexachlorobutadiene	902C1R3	ND	4.21e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Hexachlorocyclopentadiene	902C1R1	ND	4.28e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Hexachlorocyclopentadiene	902C1R2	ND	4.23e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2

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SECTION 7: EMISSIONS ANALYSES

1. COMPANY: ROCKY MOUNTAIN ARSENAL
 2. STATE: CO
 3. CITY: ADAMS COUNTY
 4. EP ID: 902 DEVICE NAME: SQI

EPA ?
 SYSTEM TYPE: ONSITE INCINERATOR

APC SYSTEM: QT/V/S/PT

REGION: 8

Hexachlorocyclopentadiene	902C1R3	ND	4.21e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Hexachloroethane	902C1R1	ND	4.28e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Hexachloroethane	902C1R2	ND	4.23e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Hexachloroethane	902C1R3	ND	4.21e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Isodrin	902C1R1	ND	4.28e+1	ng/dscm	7%O2	1.55e-6	lbs/hr	CE7%O2
Isodrin	902C1R2	ND	4.23e+1	ng/dscm	7%O2	1.55e-6	lbs/hr	CE7%O2
Isodrin	902C1R3	ND	4.21e+1	ng/dscm	7%O2	1.55e-6	lbs/hr	CE7%O2
Isophorone	902C1R1	ND	4.28e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Isophorone	902C1R2	ND	4.23e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Isophorone	902C1R3	ND	4.21e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Malathion	902C1R1	ND	8.57e+1	ng/dscm	7%O2	3.11e-6	lbs/hr	CE7%O2
Malathion	902C1R2	ND	8.46e+1	ng/dscm	7%O2	3.10e-6	lbs/hr	CE7%O2
Malathion	902C1R3	ND	8.42e+1	ng/dscm	7%O2	3.09e-6	lbs/hr	CE7%O2
Merphos	902C1R1	ND	8.57e+1	ng/dscm	7%O2	3.11e-6	lbs/hr	CE7%O2
Merphos	902C1R2	ND	8.46e+1	ng/dscm	7%O2	3.10e-6	lbs/hr	CE7%O2
Merphos	902C1R3	ND	8.42e+1	ng/dscm	7%O2	3.09e-6	lbs/hr	CE7%O2
Methoxychlor	902C1R1	ND	2.14e+2	ng/dscm	7%O2	7.77e-6	lbs/hr	CE7%O2
Methoxychlor	902C1R2	ND	2.12e+2	ng/dscm	7%O2	7.76e-6	lbs/hr	CE7%O2
Methoxychlor	902C1R3	ND	2.11e+2	ng/dscm	7%O2	7.73e-6	lbs/hr	CE7%O2
Methyl Parathion	902C1R1	ND	8.57e+1	ng/dscm	7%O2	3.11e-6	lbs/hr	CE7%O2
Methyl Parathion	902C1R2	ND	8.46e+1	ng/dscm	7%O2	3.10e-6	lbs/hr	CE7%O2
Methyl Parathion	902C1R3	ND	8.42e+1	ng/dscm	7%O2	3.09e-6	lbs/hr	CE7%O2
Mevinphos	902C1R1	ND	8.57e+1	ng/dscm	7%O2	3.11e-6	lbs/hr	CE7%O2
Mevinphos	902C1R2	ND	8.46e+1	ng/dscm	7%O2	3.10e-6	lbs/hr	CE7%O2
Mevinphos	902C1R3	ND	8.42e+1	ng/dscm	7%O2	3.09e-6	lbs/hr	CE7%O2
N-Nitroso-di-n-propylamine	902C1R1	ND	4.28e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
N-Nitroso-di-n-propylamine	902C1R2	ND	4.23e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
N-Nitroso-di-n-propylamine	902C1R3	ND	4.21e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
N-Nitrosodiphenylamine	902C1R1	ND	4.28e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
N-Nitrosodiphenylamine	902C1R2	ND	4.23e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
N-Nitrosodiphenylamine	902C1R3	ND	4.21e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Naled	902C1R1	ND	2.14e+2	ng/dscm	7%O2	7.77e-6	lbs/hr	CE7%O2
Naled	902C1R2	ND	2.12e+2	ng/dscm	7%O2	7.76e-6	lbs/hr	CE7%O2
Naled	902C1R3	ND	2.11e+2	ng/dscm	7%O2	7.73e-6	lbs/hr	CE7%O2
Nitrobenzene	902C1R1	ND	4.28e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Nitrobenzene	902C1R2	ND	4.23e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Nitrobenzene	902C1R3	ND	4.21e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Pentachlorobenzene	902C1R1	ND	4.28e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Pentachlorobenzene	902C1R2	ND	4.23e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Pentachlorobenzene	902C1R3	ND	4.21e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Pentachlorophenol	902C1R1	ND	2.14e+4	ng/dscm	7%O2	7.77e-4	lbs/hr	CE7%O2
Pentachlorophenol	902C1R2	ND	2.12e+4	ng/dscm	7%O2	7.76e-4	lbs/hr	CE7%O2
Pentachlorophenol	902C1R3	ND	2.11e+4	ng/dscm	7%O2	7.73e-4	lbs/hr	CE7%O2
Phenol	902C1R1	ND	4.28e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Phenol	902C1R2	ND	4.23e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Phenol	902C1R3	ND	4.21e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Phorate	902C1R1	ND	8.57e+1	ng/dscm	7%O2	3.11e-6	lbs/hr	CE7%O2
Phorate	902C1R2	ND	8.46e+1	ng/dscm	7%O2	3.10e-6	lbs/hr	CE7%O2
Phorate	902C1R3	ND	8.42e+1	ng/dscm	7%O2	3.09e-6	lbs/hr	CE7%O2
Quinoline	902C1R1	ND	4.28e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Quinoline	902C1R2	ND	4.23e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Quinoline	902C1R3	ND	4.21e+3	ng/dscm	7%O2	1.55e-4	lbs/hr	CE7%O2
Ronnel	902C1R1	ND	8.57e+1	ng/dscm	7%O2	3.11e-6	lbs/hr	CE7%O2
Ronnel	902C1R2	ND	8.46e+1	ng/dscm	7%O2	3.10e-6	lbs/hr	CE7%O2
Ronnel	902C1R3	ND	8.42e+1	ng/dscm	7%O2	3.09e-6	lbs/hr	CE7%O2
Stirophos	902C1R1	ND	2.14e+2	ng/dscm	7%O2	7.77e-6	lbs/hr	CE7%O2
Stirophos	902C1R2	ND	2.12e+2	ng/dscm	7%O2	7.76e-6	lbs/hr	CE7%O2
Stirophos	902C1R3	ND	2.11e+2	ng/dscm	7%O2	7.73e-6	lbs/hr	CE7%O2
Supona	902C1R1	ND	2.14e+2	ng/dscm	7%O2	7.77e-6	lbs/hr	CE7%O2

US EPA ARCHIVE DOCUMENT

SECTION 7: EMISSIONS ANALYSES

1. COMPANY: ROCKY MOUNTAIN ARSENAL
 2. STATE: CO
 3. CITY: ADAMS COUNTY
 4. EP ID: 902 DEVICE NAME: SQI

EPA ?
 SYSTEM TYPE: ONSITE INCINERATOR

APC SYSTEM: QT/V/S/PT

REGION: 8

Supona	902C1R2	ND	2.12e+2	ng/dscm	7%O2	7.76e-6	lbs/hr	CE7%O2
Supona	902C1R3	ND	2.11e+2	ng/dscm	7%O2	7.73e-6	lbs/hr	CE7%O2
Tokuthion	902C1R1	ND	8.57e+1	ng/dscm	7%O2	3.11e-6	lbs/hr	CE7%O2
Tokuthion	902C1R2	ND	8.46e+1	ng/dscm	7%O2	3.10e-6	lbs/hr	CE7%O2
Tokuthion	902C1R3	ND	8.42e+1	ng/dscm	7%O2	3.09e-6	lbs/hr	CE7%O2
Toxaphene	902C1R1	ND	2.14e+3	ng/dscm	7%O2	7.77e-5	lbs/hr	CE7%O2
Toxaphene	902C1R2	ND	2.12e+3	ng/dscm	7%O2	7.76e-5	lbs/hr	CE7%O2
Toxaphene	902C1R3	ND	2.11e+3	ng/dscm	7%O2	7.73e-5	lbs/hr	CE7%O2
Trichloronate	902C1R1	ND	8.57e+1	ng/dscm	7%O2	3.11e-6	lbs/hr	CE7%O2
Trichloronate	902C1R2	ND	8.46e+1	ng/dscm	7%O2	3.10e-6	lbs/hr	CE7%O2
Trichloronate	902C1R3	ND	8.42e+1	ng/dscm	7%O2	3.09e-6	lbs/hr	CE7%O2

7. Category: THC & CO

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate	Calc	
CO	902C1R1	3.94e+1	ppmv	7%O2	1.66e+0	lbs/hr	CE7%O2
CO	902C1R2	3.82e+1	ppmv	7%O2	1.62e+0	lbs/hr	CE7%O2
CO	902C1R3	4.61e+1	ppmv	7%O2	1.96e+0	lbs/hr	CE7%O2
THC	902C1R1	4.40e+0	ppmv	7%O2	2.91e-1	lbs/hr	CE7%O2
THC	902C1R2	7.73e+0	ppmv	7%O2	5.17e-1	lbs/hr	CE7%O2
THC	902C1R3	4.05e+0	ppmv	7%O2	2.71e-1	lbs/hr	CE7%O2

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate	Calc		
1,1,1-Trichloroethane	902C1R1	ND	2.22e+3	ng/dscm	7%O2	8.06e-5	lbs/hr	CE7%O2
1,1,1-Trichloroethane	902C1R2	3	2.11e+3	ng/dscm	7%O2	7.73e-5	lbs/hr	CE7%O2
1,1,1-Trichloroethane	902C1R3	ND	2.36e+3	ng/dscm	7%O2	8.68e-5	lbs/hr	CE7%O2
1,1,2,2-Tetrachloroethane	902C1R1	ND	2.22e+3	ng/dscm	7%O2	8.06e-5	lbs/hr	CE7%O2
1,1,2,2-Tetrachloroethane	902C1R2	ND	2.34e+3	ng/dscm	7%O2	8.59e-5	lbs/hr	CE7%O2
1,1,2,2-Tetrachloroethane	902C1R3	ND	2.36e+3	ng/dscm	7%O2	8.68e-5	lbs/hr	CE7%O2
1,1,2-Trichloroethane	902C1R1	ND	2.22e+3	ng/dscm	7%O2	8.06e-5	lbs/hr	CE7%O2
1,1,2-Trichloroethane	902C1R2	ND	2.34e+3	ng/dscm	7%O2	8.59e-5	lbs/hr	CE7%O2
1,1,2-Trichloroethane	902C1R3	ND	2.36e+3	ng/dscm	7%O2	8.68e-5	lbs/hr	CE7%O2
1,1-Dichloroethane	902C1R1	ND	2.22e+3	ng/dscm	7%O2	8.06e-5	lbs/hr	CE7%O2
1,1-Dichloroethane	902C1R2	ND	2.34e+3	ng/dscm	7%O2	8.59e-5	lbs/hr	CE7%O2
1,1-Dichloroethane	902C1R3	ND	2.36e+3	ng/dscm	7%O2	8.68e-5	lbs/hr	CE7%O2
1,1-Dichloroethene	902C1R1	ND	2.22e+3	ng/dscm	7%O2	8.06e-5	lbs/hr	CE7%O2
1,1-Dichloroethene	902C1R2	ND	2.34e+3	ng/dscm	7%O2	8.59e-5	lbs/hr	CE7%O2
1,1-Dichloroethene	902C1R3	ND	2.36e+3	ng/dscm	7%O2	8.68e-5	lbs/hr	CE7%O2
1,2-Dichloroethane	902C1R1	ND	2.22e+3	ng/dscm	7%O2	8.06e-5	lbs/hr	CE7%O2
1,2-Dichloroethane	902C1R2	ND	2.34e+3	ng/dscm	7%O2	8.59e-5	lbs/hr	CE7%O2
1,2-Dichloroethane	902C1R3	ND	2.36e+3	ng/dscm	7%O2	8.68e-5	lbs/hr	CE7%O2
1,2-Dichloroethene	902C1R1	ND	2.22e+3	ng/dscm	7%O2	8.06e-5	lbs/hr	CE7%O2
1,2-Dichloroethene	902C1R2	ND	2.34e+3	ng/dscm	7%O2	8.59e-5	lbs/hr	CE7%O2
1,2-Dichloroethene	902C1R3	ND	2.36e+3	ng/dscm	7%O2	8.68e-5	lbs/hr	CE7%O2
1,2-Dichloropropane	902C1R1	ND	2.22e+3	ng/dscm	7%O2	8.06e-5	lbs/hr	CE7%O2
1,2-Dichloropropane	902C1R2	ND	2.34e+3	ng/dscm	7%O2	8.59e-5	lbs/hr	CE7%O2
1,2-Dichloropropane	902C1R3	ND	2.36e+3	ng/dscm	7%O2	8.68e-5	lbs/hr	CE7%O2
Benzene	902C1R1	4	3.25e+3	ng/dscm	7%O2	1.18e-4	lbs/hr	CE7%O2
Benzene	902C1R2	ND	2.34e+3	ng/dscm	7%O2	8.59e-5	lbs/hr	CE7%O2
Benzene	902C1R3	4	2.50e+3	ng/dscm	7%O2	9.17e-5	lbs/hr	CE7%O2
Bromodichloromethane	902C1R1		7.17e+3	ng/dscm	7%O2	2.60e-4	lbs/hr	CE7%O2
Bromodichloromethane	902C1R2		8.34e+3	ng/dscm	7%O2	3.06e-4	lbs/hr	CE7%O2
Bromodichloromethane	902C1R3	6	9.26e+3	ng/dscm	7%O2	3.40e-4	lbs/hr	CE7%O2
Bromoform	902C1R1	ND	2.22e+3	ng/dscm	7%O2	8.06e-5	lbs/hr	CE7%O2
Bromoform	902C1R2	ND	2.34e+3	ng/dscm	7%O2	8.59e-5	lbs/hr	CE7%O2
Bromoform	902C1R3	3	1.93e+3	ng/dscm	7%O2	7.09e-5	lbs/hr	CE7%O2

SECTION 7: EMISSIONS ANALYSES

1. COMPANY: ROCKY MOUNTAIN ARSENAL
 2. STATE: CO
 3. CITY: ADAMS COUNTY
 4. EP ID: 902 DEVICE NAME: SQI

EPA ID: ?
 SYSTEM TYPE: ONSITE INCINERATOR

APC SYSTEM: QT/V/S/PT

REGION: 8

Bromomethane	902C1R1	3	2.65e+3	ng/dscm	7%O2	9.62e-5	lbs/hr	CE7%O2
Bromomethane	902C1R2	3	3.64e+3	ng/dscm	7%O2	1.33e-4	lbs/hr	CE7%O2
Bromomethane	902C1R3	3	3.20e+3	ng/dscm	7%O2	1.17e-4	lbs/hr	CE7%O2
Carbon disulfide	902C1R1	3	1.56e+3	ng/dscm	7%O2	5.67e-5	lbs/hr	CE7%O2
Carbon disulfide	902C1R2	3	1.62e+3	ng/dscm	7%O2	5.95e-5	lbs/hr	CE7%O2
Carbon disulfide	902C1R3	3	1.87e+3	ng/dscm	7%O2	6.86e-5	lbs/hr	CE7%O2
Carbon Tetrachloride	902C1R1	3	1.27e+3	ng/dscm	7%O2	4.59e-5	lbs/hr	CE7%O2
Carbon Tetrachloride	902C1R2	3	3.26e+3	ng/dscm	7%O2	1.19e-4	lbs/hr	CE7%O2
Carbon Tetrachloride	902C1R3	3	2.44e+3	ng/dscm	7%O2	8.94e-5	lbs/hr	CE7%O2
Chlorobenzene	902C1R1	2	8.96e+2	ng/dscm	7%O2	3.25e-5	lbs/hr	CE7%O2
Chlorobenzene	902C1R2	3	1.20e+3	ng/dscm	7%O2	4.41e-5	lbs/hr	CE7%O2
Chlorobenzene	902C1R3	3	1.36e+3	ng/dscm	7%O2	5.00e-5	lbs/hr	CE7%O2
Chloroethane	902C1R1	ND	4.44e+3	ng/dscm	7%O2	1.61e-4	lbs/hr	CE7%O2
Chloroethane	902C1R2	ND	4.68e+3	ng/dscm	7%O2	1.72e-4	lbs/hr	CE7%O2
Chloroethane	902C1R3	ND	4.73e+3	ng/dscm	7%O2	1.74e-4	lbs/hr	CE7%O2
Chloroform	902C1R1	6	3.31e+4	ng/dscm	7%O2	1.20e-3	lbs/hr	CE7%O2
Chloroform	902C1R2	2	4.04e+4	ng/dscm	7%O2	1.48e-3	lbs/hr	CE7%O2
Chloroform	902C1R3	6	4.22e+4	ng/dscm	7%O2	1.55e-3	lbs/hr	CE7%O2
Chloromethane	902C1R1		1.35e+4	ng/dscm	7%O2	4.90e-4	lbs/hr	CE7%O2
Chloromethane	902C1R2		1.12e+4	ng/dscm	7%O2	4.12e-4	lbs/hr	CE7%O2
Chloromethane	902C1R3		3.05e+4	ng/dscm	7%O2	1.12e-3	lbs/hr	CE7%O2
cis-1,3-Dichloropropene	902C1R1	ND	2.22e+3	ng/dscm	7%O2	8.06e-5	lbs/hr	CE7%O2
cis-1,3-Dichloropropene	902C1R2	ND	2.34e+4	ng/dscm	7%O2	8.59e-4	lbs/hr	CE7%O2
cis-1,3-Dichloropropene	902C1R3	ND	2.36e+3	ng/dscm	7%O2	8.68e-5	lbs/hr	CE7%O2
Diazinon	902C1R1	ND	8.57e+1	ng/dscm	7%O2	3.11e-6	lbs/hr	CE7%O2
Diazinon	902C1R2	ND	8.46e+1	ng/dscm	7%O2	3.10e-6	lbs/hr	CE7%O2
Diazinon	902C1R3	ND	8.42e+1	ng/dscm	7%O2	3.09e-6	lbs/hr	CE7%O2
Dibromochloromethane	902C1R1	2	1.25e+3	ng/dscm	7%O2	4.54e-5	lbs/hr	CE7%O2
Dibromochloromethane	902C1R2	2	1.46e+3	ng/dscm	7%O2	5.35e-5	lbs/hr	CE7%O2
Dibromochloromethane	902C1R3	6	1.74e+3	ng/dscm	7%O2	6.39e-5	lbs/hr	CE7%O2
Dimethyldisulfide	902C1R1	ND	2.22e+3	ng/dscm	7%O2	8.06e-5	lbs/hr	CE7%O2
Dimethyldisulfide	902C1R2	ND	2.34e+3	ng/dscm	7%O2	8.59e-5	lbs/hr	CE7%O2
Dimethyldisulfide	902C1R3	ND	2.36e+3	ng/dscm	7%O2	8.68e-5	lbs/hr	CE7%O2
Ethoprop	902C1R1	ND	8.57e+1	ng/dscm	7%O2	3.11e-6	lbs/hr	CE7%O2
Ethoprop	902C1R2	ND	8.46e+1	ng/dscm	7%O2	3.10e-6	lbs/hr	CE7%O2
Ethoprop	902C1R3	ND	8.42e+1	ng/dscm	7%O2	3.09e-6	lbs/hr	CE7%O2
Methylene Chloride	902C1R1	6	6.16e+4	ng/dscm	7%O2	2.24e-3	lbs/hr	CE7%O2
Methylene Chloride	902C1R2		7.11e+4	ng/dscm	7%O2	2.61e-3	lbs/hr	CE7%O2
Methylene Chloride	902C1R3		8.21e+4	ng/dscm	7%O2	3.01e-3	lbs/hr	CE7%O2
Styrene	902C1R1		2.30e+4	ng/dscm	7%O2	8.35e-4	lbs/hr	CE7%O2
Styrene	902C1R2		2.01e+4	ng/dscm	7%O2	7.38e-4	lbs/hr	CE7%O2
Styrene	902C1R3	6	2.15e+4	ng/dscm	7%O2	7.88e-4	lbs/hr	CE7%O2
Tetrachloroethene	902C1R1	ND	2.22e+3	ng/dscm	7%O2	8.06e-5	lbs/hr	CE7%O2
Tetrachloroethene	902C1R2	ND	2.34e+3	ng/dscm	7%O2	8.59e-5	lbs/hr	CE7%O2
Tetrachloroethene	902C1R3	ND	2.36e+3	ng/dscm	7%O2	8.68e-5	lbs/hr	CE7%O2
Toluene	902C1R1	6	5.38e+3	ng/dscm	7%O2	1.95e-4	lbs/hr	CE7%O2
Toluene	902C1R2	6	5.34e+3	ng/dscm	7%O2	1.96e-4	lbs/hr	CE7%O2
Toluene	902C1R3	6	5.62e+3	ng/dscm	7%O2	2.06e-4	lbs/hr	CE7%O2
Total Xylene	902C1R1	2	9.85e+2	ng/dscm	7%O2	3.57e-5	lbs/hr	CE7%O2
Total Xylene	902C1R2	3	1.28e+3	ng/dscm	7%O2	4.69e-5	lbs/hr	CE7%O2
Total Xylene	902C1R3	2	1.10e+3	ng/dscm	7%O2	4.05e-5	lbs/hr	CE7%O2
trans-1,3-Dichloropropene	902C1R1	ND	2.22e+3	ng/dscm	7%O2	8.06e-5	lbs/hr	CE7%O2
trans-1,3-Dichloropropene	902C1R2	ND	2.34e+3	ng/dscm	7%O2	8.59e-5	lbs/hr	CE7%O2
trans-1,3-Dichloropropene	902C1R3	ND	2.36e+3	ng/dscm	7%O2	8.68e-5	lbs/hr	CE7%O2
Trichloroethene	902C1R1	ND	2.22e+3	ng/dscm	7%O2	8.06e-5	lbs/hr	CE7%O2
Trichloroethene	902C1R2	ND	2.34e+3	ng/dscm	7%O2	8.59e-5	lbs/hr	CE7%O2
Trichloroethene	902C1R3	ND	2.36e+3	ng/dscm	7%O2	8.68e-5	lbs/hr	CE7%O2
Vinyl Chloride	902C1R1	ND	4.44e+3	ng/dscm	7%O2	1.61e-4	lbs/hr	CE7%O2
Vinyl Chloride	902C1R2	ND	4.68e+3	ng/dscm	7%O2	1.72e-4	lbs/hr	CE7%O2

US EPA ARCHIVE DOCUMENT

SECTION 7: EMISSIONS 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/V/S/PT

Vinyl Chloride	902C1R3	ND	4.73e+3	ng/dscm	7%O2	1.74e-4	lbs/hr	CE7%O2
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US EPA ARCHIVE DOCUMENT

SECTION 7: EMISSIONS ANALYSES

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

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

REGION: 6

5. Type: CONTROLLED

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

7. Category: Dioxin & Furan

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
4D 2378	214C1R1	1.76e-2 ng/dscm 7%O2	1.54e-9 lbs/hr	CE7%O2
4D 2378	214C1R2	ND 2.44e-2 ng/dscm 7%O2	2.08e-9 lbs/hr	CE7%O2
4D 2378	214C1R3	ND 2.13e-2 ng/dscm 7%O2	1.85e-9 lbs/hr	CE7%O2
4D Other	214C1R1	3.09e-2 ng/dscm 7%O2	2.69e-9 lbs/hr	OCE
4D Other	214C1R2	-1.22e-2 ng/dscm 7%O2	-1.04e-9 lbs/hr	OCE
4D Other	214C1R3	8.70e-2 ng/dscm 7%O2	7.57e-9 lbs/hr	OCE
4D Total	214C1R1	4.85e-2 ng/dscm 7%O2	4.23e-9 lbs/hr	CE7%O2
4D Total	214C1R2	1.22e-2 ng/dscm 7%O2	1.04e-9 lbs/hr	CE7%O2
4D Total	214C1R3	ND 1.08e-1 ng/dscm 7%O2	9.42e-9 lbs/hr	CE7%O2
4F 2378	214C1R1	3.53e-2 ng/dscm 7%O2	3.08e-9 lbs/hr	CE7%O2
4F 2378	214C1R2	ND 2.85e-2 ng/dscm 7%O2	2.43e-9 lbs/hr	CE7%O2
4F 2378	214C1R3	2.56e-2 ng/dscm 7%O2	2.23e-9 lbs/hr	CE7%O2
4F Other	214C1R1	7.37e-1 ng/dscm 7%O2	6.42e-8 lbs/hr	OCE
4F Other	214C1R2	9.37e-2 ng/dscm 7%O2	7.99e-9 lbs/hr	OCE
4F Other	214C1R3	6.83e-2 ng/dscm 7%O2	5.94e-9 lbs/hr	OCE
4F Total	214C1R1	7.72e-1 ng/dscm 7%O2	6.73e-8 lbs/hr	CE7%O2
4F Total	214C1R2	1.22e-1 ng/dscm 7%O2	1.04e-8 lbs/hr	CE7%O2
4F Total	214C1R3	9.39e-2 ng/dscm 7%O2	8.16e-9 lbs/hr	CE7%O2
5D 12378	214C1R1	ND 4.19e-2 ng/dscm 7%O2	3.65e-9 lbs/hr	CE7%O2
5D 12378	214C1R2	ND 8.55e-3 ng/dscm 7%O2	7.30e-10 lbs/hr	CE7%O2
5D 12378	214C1R3	ND 1.45e-2 ng/dscm 7%O2	1.26e-9 lbs/hr	CE7%O2
5D Other	214C1R1	-1.10e-2 ng/dscm 7%O2	-9.61e-10 lbs/hr	OCE
5D Other	214C1R2	0.00e+0	0.00e+0	OCE
5D Other	214C1R3	1.11e-2 ng/dscm 7%O2	9.65e-10 lbs/hr	OCE
5D Total	214C1R1	3.09e-2 ng/dscm 7%O2	2.69e-9 lbs/hr	CE7%O2
5D Total	214C1R2	ND 8.55e-3 ng/dscm 7%O2	7.30e-10 lbs/hr	CE7%O2
5D Total	214C1R3	2.56e-2 ng/dscm 7%O2	2.23e-9 lbs/hr	CE7%O2
5F 12378	214C1R1	4.41e-2 ng/dscm 7%O2	3.85e-9 lbs/hr	CE7%O2
5F 12378	214C1R2	ND 3.66e-3 ng/dscm 7%O2	3.13e-10 lbs/hr	CE7%O2
5F 12378	214C1R3	1.28e-2 ng/dscm 7%O2	1.11e-9 lbs/hr	CE7%O2
5F 23478	214C1R1	1.54e-1 ng/dscm 7%O2	1.35e-8 lbs/hr	CE7%O2
5F 23478	214C1R2	ND 5.70e-3 ng/dscm 7%O2	4.86e-10 lbs/hr	CE7%O2
5F 23478	214C1R3	ND 9.81e-3 ng/dscm 7%O2	8.53e-10 lbs/hr	CE7%O2
5F Other	214C1R1	2.65e-1 ng/dscm 7%O2	2.31e-8 lbs/hr	OCE
5F Other	214C1R2	2.73e-2 ng/dscm 7%O2	2.33e-9 lbs/hr	OCE
5F Other	214C1R3	3.71e-2 ng/dscm 7%O2	3.23e-9 lbs/hr	OCE
5F Total	214C1R1	4.63e-1 ng/dscm 7%O2	4.04e-8 lbs/hr	CE7%O2
5F Total	214C1R2	3.66e-2 ng/dscm 7%O2	3.13e-9 lbs/hr	CE7%O2
5F Total	214C1R3	5.97e-2 ng/dscm 7%O2	5.19e-9 lbs/hr	CE7%O2
6D 123478	214C1R1	1.76e-2 ng/dscm 7%O2	1.54e-9 lbs/hr	CE7%O2
6D 123478	214C1R2	ND 1.10e-2 ng/dscm 7%O2	9.38e-10 lbs/hr	CE7%O2
6D 123478	214C1R3	ND 2.05e-2 ng/dscm 7%O2	1.78e-9 lbs/hr	CE7%O2
6D 123678	214C1R1	3.97e-2 ng/dscm 7%O2	3.46e-9 lbs/hr	CE7%O2
6D 123678	214C1R2	ND 1.06e-2 ng/dscm 7%O2	9.03e-10 lbs/hr	CE7%O2
6D 123678	214C1R3	ND 1.96e-2 ng/dscm 7%O2	1.71e-9 lbs/hr	CE7%O2
6D 123789	214C1R1	3.09e-2 ng/dscm 7%O2	2.69e-9 lbs/hr	CE7%O2
6D 123789	214C1R2	ND 1.30e-2 ng/dscm 7%O2	1.11e-9 lbs/hr	CE7%O2
6D 123789	214C1R3	ND 2.43e-2 ng/dscm 7%O2	2.11e-9 lbs/hr	CE7%O2
6D Other	214C1R1	2.21e-2 ng/dscm 7%O2	1.92e-9 lbs/hr	OCE
6D Other	214C1R2	6.72e-2 ng/dscm 7%O2	5.73e-9 lbs/hr	OCE
6D Other	214C1R3	1.28e-1 ng/dscm 7%O2	1.11e-8 lbs/hr	OCE
6D Total	214C1R1	1.10e-1 ng/dscm 7%O2	9.61e-9 lbs/hr	CE7%O2
6D Total	214C1R2	1.02e-1 ng/dscm 7%O2	8.69e-9 lbs/hr	CE7%O2

US EPA ARCHIVE DOCUMENT

SECTION 7: EMISSIONS ANALYSES

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

EPA LAD010395127
 SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: IWS

REGION: 6

6D Total	214C1R3		1.92e-1	ng/dscm	7%O2	1.67e-8	lbs/hr	CE7%O2
6F 123478	214C1R1		1.76e-1	ng/dscm	7%O2	1.54e-8	lbs/hr	CE7%O2
6F 123478	214C1R2		1.63e-2	ng/dscm	7%O2	1.39e-9	lbs/hr	CE7%O2
6F 123478	214C1R3		4.27e-2	ng/dscm	7%O2	3.71e-9	lbs/hr	CE7%O2
6F 123678	214C1R1		1.15e-1	ng/dscm	7%O2	1.00e-8	lbs/hr	CE7%O2
6F 123678	214C1R2		8.14e-3	ng/dscm	7%O2	6.95e-10	lbs/hr	CE7%O2
6F 123678	214C1R3		3.84e-2	ng/dscm	7%O2	3.34e-9	lbs/hr	CE7%O2
6F 123789	214C1R1		1.76e-2	ng/dscm	7%O2	1.54e-9	lbs/hr	CE7%O2
6F 123789	214C1R2	ND	7.74e-3	ng/dscm	7%O2	6.60e-10	lbs/hr	CE7%O2
6F 123789	214C1R3	ND	1.45e-2	ng/dscm	7%O2	1.26e-9	lbs/hr	CE7%O2
6F 234678	214C1R1		1.90e-1	ng/dscm	7%O2	1.65e-8	lbs/hr	CE7%O2
6F 234678	214C1R2	ND	8.96e-3	ng/dscm	7%O2	7.64e-10	lbs/hr	CE7%O2
6F 234678	214C1R3		3.84e-2	ng/dscm	7%O2	3.34e-9	lbs/hr	CE7%O2
6F Other	214C1R1		-7.94e-2	ng/dscm	7%O2	-6.92e-9	lbs/hr	OCE
6F Other	214C1R2		-8.55e-3	ng/dscm	7%O2	-7.30e-10	lbs/hr	OCE
6F Other	214C1R3		-4.86e-2	ng/dscm	7%O2	-4.23e-9	lbs/hr	OCE
6F Total	214C1R1		4.19e-1	ng/dscm	7%O2	3.65e-8	lbs/hr	CE7%O2
6F Total	214C1R2		3.26e-2	ng/dscm	7%O2	2.78e-9	lbs/hr	CE7%O2
6F Total	214C1R3		8.53e-2	ng/dscm	7%O2	7.42e-9	lbs/hr	CE7%O2
7D 1234678	214C1R1		2.12e-1	ng/dscm	7%O2	1.85e-8	lbs/hr	CE7%O2
7D 1234678	214C1R2		4.07e-2	ng/dscm	7%O2	3.47e-9	lbs/hr	CE7%O2
7D 1234678	214C1R3		5.97e-2	ng/dscm	7%O2	5.19e-9	lbs/hr	CE7%O2
7D Other	214C1R1		1.37e-1	ng/dscm	7%O2	1.19e-8	lbs/hr	OCE
7D Other	214C1R2		2.04e-2	ng/dscm	7%O2	1.74e-9	lbs/hr	OCE
7D Other	214C1R3		0.00e+0			0.00e+0		OCE
7D Total	214C1R1		3.48e-1	ng/dscm	7%O2	3.04e-8	lbs/hr	CE7%O2
7D Total	214C1R2		6.11e-2	ng/dscm	7%O2	5.21e-9	lbs/hr	CE7%O2
7D Total	214C1R3		5.97e-2	ng/dscm	7%O2	5.19e-9	lbs/hr	CE7%O2
7F 1234678	214C1R1		5.25e-1	ng/dscm	7%O2	4.58e-8	lbs/hr	CE7%O2
7F 1234678	214C1R2		8.55e-2	ng/dscm	7%O2	7.30e-9	lbs/hr	CE7%O2
7F 1234678	214C1R3		1.37e-1	ng/dscm	7%O2	1.19e-8	lbs/hr	CE7%O2
7F 1234789	214C1R1		1.01e-1	ng/dscm	7%O2	8.85e-9	lbs/hr	CE7%O2
7F 1234789	214C1R2		1.22e-2	ng/dscm	7%O2	1.04e-9	lbs/hr	CE7%O2
7F 1234789	214C1R3		1.71e-2	ng/dscm	7%O2	1.48e-9	lbs/hr	CE7%O2
7F Other	214C1R1		4.85e-2	ng/dscm	7%O2	4.23e-9	lbs/hr	OCE
7F Other	214C1R2		2.04e-2	ng/dscm	7%O2	1.74e-9	lbs/hr	OCE
7F Other	214C1R3		2.99e-2	ng/dscm	7%O2	2.60e-9	lbs/hr	OCE
7F Total	214C1R1		6.75e-1	ng/dscm	7%O2	5.88e-8	lbs/hr	CE7%O2
7F Total	214C1R2		1.18e-1	ng/dscm	7%O2	1.01e-8	lbs/hr	CE7%O2
7F Total	214C1R3		1.83e-1	ng/dscm	7%O2	1.60e-8	lbs/hr	CE7%O2
8D	214C1R1		7.59e-1	ng/dscm	7%O2	6.62e-8	lbs/hr	CE7%O2
8D	214C1R2		2.73e-1	ng/dscm	7%O2	2.33e-8	lbs/hr	CE7%O2
8D	214C1R3		2.82e-1	ng/dscm	7%O2	2.45e-8	lbs/hr	CE7%O2
8F	214C1R1		7.28e-1	ng/dscm	7%O2	6.35e-8	lbs/hr	CE7%O2
8F	214C1R2		5.13e-1	ng/dscm	7%O2	4.38e-8	lbs/hr	CE7%O2
8F	214C1R3		2.26e-1	ng/dscm	7%O2	1.97e-8	lbs/hr	CE7%O2
TEQ	214C1R1		1.90e-1	ng/dscm	7%O2	1.66e-8	lbs/hr	CCET
TEQ	214C1R2		4.43e-2	ng/dscm	7%O2	3.78e-9	lbs/hr	CCET
TEQ	214C1R3		5.92e-2	ng/dscm	7%O2	5.15e-9	lbs/hr	CCET
Total PCDD/PCDF	214C1R1		4.35e+0	ng/dscm	7%O2	3.80e-7	lbs/hr	CCET
Total PCDD/PCDF	214C1R2		1.28e+0	ng/dscm	7%O2	1.09e-7	lbs/hr	CCET
Total PCDD/PCDF	214C1R3		1.32e+0	ng/dscm	7%O2	1.14e-7	lbs/hr	CCET

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate	Calc
HCl	214C1R1	ND	1.64e+0 ppmv	7%O2	2.22e-1 lbs/hr
HCl	214C1R2	ND	1.58e+0 ppmv	7%O2	1.93e-1 lbs/hr

US EPA ARCHIVE DOCUMENT

SECTION 7: EMISSIONS ANALYSES

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

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

REGION: 6

HCl	214C1R3	ND	1.77e+0	ppmv	7%O2	2.35e-1	lbs/hr	7%O2
HCl	214C2R1		1.71e+0	ppmv	7%O2	1.99e-1	lbs/hr	CE7%O2
HCl	214C2R2		2.62e+0	ppmv	7%O2	3.39e-1	lbs/hr	CE7%O2
HCl	214C2R3		1.72e+0	ppmv	7%O2	2.26e-1	lbs/hr	CE7%O2
HCl	214C3R1		9.42e-1	ppmv	7%O2	1.36e-1	lbs/hr	CE7%O2
HCl	214C3R2		1.07e+0	ppmv	7%O2	1.43e-1	lbs/hr	CE7%O2
HCl	214C3R3		5.58e-1	ppmv	7%O2	7.56e-2	lbs/hr	CE7%O2

7. Category: Metals

Analysis:

8. Substance	9. Run ID		Concentration		Mass Rate	Calc
Antimony	214C1R1		3.37e+2	ug/dscm	7%O2	3.03e-2 lbs/hr 7%O2
Antimony	214C1R2		3.03e+2	ug/dscm	7%O2	2.44e-2 lbs/hr 7%O2
Antimony	214C1R3		1.79e+2	ug/dscm	7%O2	1.57e-2 lbs/hr 7%O2
Antimony	214C2R1		4.80e+0	ug/dscm	7%O2	3.68e-4 lbs/hr CE7%O2
Antimony	214C2R2		4.62e+0	ug/dscm	7%O2	3.95e-4 lbs/hr CE7%O2
Antimony	214C2R3		4.75e+0	ug/dscm	7%O2	4.13e-4 lbs/hr CE7%O2
Antimony	214C3R1		1.27e+1	ug/dscm	7%O2	1.21e-3 lbs/hr CE7%O2
Antimony	214C3R2		8.99e+0	ug/dscm	7%O2	7.96e-4 lbs/hr CE7%O2
Antimony	214C3R3		4.37e+0	ug/dscm	7%O2	3.92e-4 lbs/hr CE7%O2
Arsenic	214C1R1	ND	1.62e+1	ug/dscm	7%O2	1.45e-3 lbs/hr 7%O2
Arsenic	214C1R2	ND	1.78e+1	ug/dscm	7%O2	1.44e-3 lbs/hr 7%O2
Arsenic	214C1R3	ND	1.67e+1	ug/dscm	7%O2	1.47e-3 lbs/hr 7%O2
Arsenic	214C2R1		4.80e+0	ug/dscm	7%O2	3.68e-4 lbs/hr CE7%O2
Arsenic	214C2R2		9.24e+0	ug/dscm	7%O2	7.89e-4 lbs/hr CE7%O2
Arsenic	214C3R1		1.27e+1	ug/dscm	7%O2	1.21e-3 lbs/hr CE7%O2
Arsenic	214C3R2		8.99e+0	ug/dscm	7%O2	7.96e-4 lbs/hr CE7%O2
Barium	214C1R1		1.20e+2	ug/dscm	7%O2	1.08e-2 lbs/hr 7%O2
Barium	214C1R2		8.09e+1	ug/dscm	7%O2	6.52e-3 lbs/hr 7%O2
Barium	214C1R3		9.69e+1	ug/dscm	7%O2	8.52e-3 lbs/hr 7%O2
Barium	214C2R1		2.88e+1	ug/dscm	7%O2	2.21e-3 lbs/hr CE7%O2
Barium	214C2R2		2.77e+1	ug/dscm	7%O2	2.37e-3 lbs/hr CE7%O2
Barium	214C2R3		1.90e+1	ug/dscm	7%O2	1.65e-3 lbs/hr CE7%O2
Barium	214C3R1		4.22e+1	ug/dscm	7%O2	4.05e-3 lbs/hr CE7%O2
Barium	214C3R2		4.04e+1	ug/dscm	7%O2	3.58e-3 lbs/hr CE7%O2
Barium	214C3R3		3.06e+1	ug/dscm	7%O2	2.74e-3 lbs/hr CE7%O2
Beryllium	214C1R1	ND	2.31e-1	ug/dscm	7%O2	2.07e-5 lbs/hr 7%O2
Beryllium	214C1R2	ND	2.54e-1	ug/dscm	7%O2	2.05e-5 lbs/hr 7%O2
Beryllium	214C1R3	ND	2.38e-1	ug/dscm	7%O2	2.10e-5 lbs/hr 7%O2
Cadmium	214C1R1		2.14e+2	ug/dscm	7%O2	1.92e-2 lbs/hr 7%O2
Cadmium	214C1R2		6.46e+1	ug/dscm	7%O2	5.21e-3 lbs/hr 7%O2
Cadmium	214C1R3		1.34e+2	ug/dscm	7%O2	1.18e-2 lbs/hr 7%O2
Cadmium	214C2R1		4.13e+2	ug/dscm	7%O2	3.17e-2 lbs/hr CE7%O2
Cadmium	214C2R2		4.94e+2	ug/dscm	7%O2	4.22e-2 lbs/hr CE7%O2
Cadmium	214C2R3		1.95e+2	ug/dscm	7%O2	1.69e-2 lbs/hr CE7%O2
Cadmium	214C3R1		6.89e+2	ug/dscm	7%O2	6.60e-2 lbs/hr CE7%O2
Cadmium	214C3R2		6.74e+2	ug/dscm	7%O2	5.97e-2 lbs/hr CE7%O2
Cadmium	214C3R3		3.15e+2	ug/dscm	7%O2	2.82e-2 lbs/hr CE7%O2
Chromium	214C1R1		4.33e+0	ug/dscm	7%O2	3.88e-4 lbs/hr 7%O2
Chromium	214C1R2		1.39e+2	ug/dscm	7%O2	1.12e-2 lbs/hr 7%O2
Chromium	214C1R3		1.69e+0	ug/dscm	7%O2	1.49e-4 lbs/hr 7%O2
Chromium	214C2R1		1.44e+1	ug/dscm	7%O2	1.10e-3 lbs/hr CE7%O2
Chromium	214C2R2		5.08e+1	ug/dscm	7%O2	4.34e-3 lbs/hr CE7%O2
Chromium	214C2R3		7.60e+1	ug/dscm	7%O2	6.60e-3 lbs/hr CE7%O2
Chromium	214C3R1		2.53e+1	ug/dscm	7%O2	2.43e-3 lbs/hr CE7%O2
Chromium	214C3R2		1.35e+1	ug/dscm	7%O2	1.19e-3 lbs/hr CE7%O2
Chromium	214C3R3		1.31e+1	ug/dscm	7%O2	1.17e-3 lbs/hr CE7%O2
Lead	214C1R1		1.69e+2	ug/dscm	7%O2	1.51e-2 lbs/hr 7%O2
Lead	214C1R2	ND	1.02e+1	ug/dscm	7%O2	8.20e-4 lbs/hr 7%O2
Lead	214C1R3	ND	9.55e+0	ug/dscm	7%O2	8.39e-4 lbs/hr 7%O2
Lead	214C2R1		4.22e+2	ug/dscm	7%O2	3.24e-2 lbs/hr CE7%O2

US EPA ARCHIVE DOCUMENT

SECTION 7: EMISSIONS ANALYSES

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

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

REGION: 6

Lead	214C2R2	4.11e+2	ug/dscm	7%O2	3.51e-2	lbs/hr	CE7%O2	
Lead	214C2R3	1.33e+2	ug/dscm	7%O2	1.16e-2	lbs/hr	CE7%O2	
Lead	214C3R1	6.34e+2	ug/dscm	7%O2	6.07e-2	lbs/hr	CE7%O2	
Lead	214C3R2	5.57e+2	ug/dscm	7%O2	4.94e-2	lbs/hr	CE7%O2	
Lead	214C3R3	1.31e+2	ug/dscm	7%O2	1.17e-2	lbs/hr	CE7%O2	
Mercury	214C1R1	7.84e+2	ug/dscm	7%O2	7.02e-2	lbs/hr	7%O2	
Mercury	214C1R2	1.29e+2	ug/dscm	7%O2	1.04e-2	lbs/hr	7%O2	
Mercury	214C1R3	5.32e+2	ug/dscm	7%O2	4.68e-2	lbs/hr	7%O2	
Mercury	214C2R1	1.92e+1	ug/dscm	7%O2	1.47e-3	lbs/hr	CE7%O2	
Mercury	214C2R2	3.69e+1	ug/dscm	7%O2	3.16e-3	lbs/hr	CE7%O2	
Mercury	214C2R3	9.03e+1	ug/dscm	7%O2	7.84e-3	lbs/hr	CE7%O2	
Mercury	214C3R1	4.65e+1	ug/dscm	7%O2	4.45e-3	lbs/hr	CE7%O2	
Mercury	214C3R2	2.25e+1	ug/dscm	7%O2	1.99e-3	lbs/hr	CE7%O2	
Mercury	214C3R3	2.62e+1	ug/dscm	7%O2	2.35e-3	lbs/hr	CE7%O2	
Nickel	214C1R1	7.41e+0	ug/dscm	7%O2	6.64e-4	lbs/hr	7%O2	
Nickel	214C1R2	7.17e+0	ug/dscm	7%O2	5.78e-4	lbs/hr	7%O2	
Nickel	214C1R3	2.84e+0	ug/dscm	7%O2	2.50e-4	lbs/hr	7%O2	
Nickel	214C2R1	1.78e+2	ug/dscm	7%O2	1.36e-2	lbs/hr	CE7%O2	
Nickel	214C2R2	2.31e+2	ug/dscm	7%O2	1.97e-2	lbs/hr	CE7%O2	
Nickel	214C2R3	1.62e+2	ug/dscm	7%O2	1.40e-2	lbs/hr	CE7%O2	
Nickel	214C3R1	3.00e+2	ug/dscm	7%O2	2.87e-2	lbs/hr	CE7%O2	
Nickel	214C3R2	2.29e+2	ug/dscm	7%O2	2.03e-2	lbs/hr	CE7%O2	
Nickel	214C3R3	1.05e+2	ug/dscm	7%O2	9.40e-3	lbs/hr	CE7%O2	
Selenium	214C1R1	ND	1.62e+1	ug/dscm	7%O2	1.45e-3	lbs/hr	7%O2
Selenium	214C1R2	ND	1.78e+1	ug/dscm	7%O2	1.44e-3	lbs/hr	7%O2
Selenium	214C1R3	ND	1.67e+1	ug/dscm	7%O2	1.47e-3	lbs/hr	7%O2
Selenium	214C2R1		3.84e+1	ug/dscm	7%O2	2.94e-3	lbs/hr	CE7%O2
Selenium	214C2R2		3.69e+1	ug/dscm	7%O2	3.16e-3	lbs/hr	CE7%O2
Selenium	214C2R3		1.43e+1	ug/dscm	7%O2	1.24e-3	lbs/hr	CE7%O2
Selenium	214C3R1		4.65e+1	ug/dscm	7%O2	4.45e-3	lbs/hr	CE7%O2
Selenium	214C3R2		3.14e+1	ug/dscm	7%O2	2.79e-3	lbs/hr	CE7%O2
Selenium	214C3R3		1.31e+1	ug/dscm	7%O2	1.17e-3	lbs/hr	CE7%O2
Silver	214C1R1	ND	1.39e+0	ug/dscm	7%O2	1.24e-4	lbs/hr	7%O2
Silver	214C1R2	ND	1.52e+0	ug/dscm	7%O2	1.23e-4	lbs/hr	7%O2
Silver	214C1R3	ND	1.43e+0	ug/dscm	7%O2	1.26e-4	lbs/hr	7%O2
Silver	214C3R1		4.22e+0	ug/dscm	7%O2	4.05e-4	lbs/hr	CE7%O2
Thallium	214C1R1	ND	2.31e+1	ug/dscm	7%O2	2.07e-3	lbs/hr	7%O2
Thallium	214C1R2	ND	2.54e+1	ug/dscm	7%O2	2.05e-3	lbs/hr	7%O2
Thallium	214C1R3	ND	2.38e+1	ug/dscm	7%O2	2.10e-3	lbs/hr	7%O2

7. Category: PAH

Analysis:

8. Substance	9. Run ID		Concentration		Mass Rate	Calc	
Acenaphthene	214C1R1	ND	4.41e+3	ng/dscm	7%O2	3.73e-4 lbs/hr	7%O2
Acenaphthene	214C1R2	ND	4.08e+3	ng/dscm	7%O2	3.66e-4 lbs/hr	7%O2
Acenaphthene	214C1R3	ND	4.27e+3	ng/dscm	7%O2	3.66e-4 lbs/hr	7%O2
Acenaphthylene	214C1R1	ND	4.41e+3	ng/dscm	7%O2	3.73e-4 lbs/hr	7%O2
Acenaphthylene	214C1R2	ND	4.08e+3	ng/dscm	7%O2	3.66e-4 lbs/hr	7%O2
Acenaphthylene	214C1R3	ND	4.27e+3	ng/dscm	7%O2	3.66e-4 lbs/hr	7%O2
Anthracene	214C1R1		7.94e+2	ng/dscm	7%O2	6.72e-5 lbs/hr	7%O2
Anthracene	214C1R2	ND	4.08e+3	ng/dscm	7%O2	3.66e-4 lbs/hr	7%O2
Anthracene	214C1R3	ND	4.27e+3	ng/dscm	7%O2	3.66e-4 lbs/hr	7%O2
Benzo(a)anthracene	214C1R1	ND	4.41e+3	ng/dscm	7%O2	3.73e-4 lbs/hr	7%O2
Benzo(a)anthracene	214C1R2	ND	4.08e+3	ng/dscm	7%O2	3.66e-4 lbs/hr	7%O2
Benzo(a)anthracene	214C1R3	ND	4.27e+3	ng/dscm	7%O2	3.66e-4 lbs/hr	7%O2
Benzo(a)pyrene	214C1R1	ND	4.41e+3	ng/dscm	7%O2	3.73e-4 lbs/hr	7%O2
Benzo(a)pyrene	214C1R2	ND	4.08e+3	ng/dscm	7%O2	3.66e-4 lbs/hr	7%O2
Benzo(a)pyrene	214C1R3	ND	4.27e+3	ng/dscm	7%O2	3.66e-4 lbs/hr	7%O2
Benzo(b)fluoranthene	214C1R1		4.41e+3	ng/dscm	7%O2	3.73e-4 lbs/hr	7%O2
Benzo(b)fluoranthene	214C1R2	ND	4.08e+3	ng/dscm	7%O2	3.66e-4 lbs/hr	7%O2

SECTION 7: EMISSIONS ANALYSES

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 APC SYSTEM: IWS

REGION: 6

Benzo(b)fluoranthene	214C1R3	ND	4.27e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
Benzo(g,h,i)perylene	214C1R1	ND	4.41e+3	ng/dscm	7%O2	3.73e-4	lbs/hr	7%O2
Benzo(g,h,i)perylene	214C1R2	ND	4.08e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
Benzo(g,h,i)perylene	214C1R3	ND	4.27e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
Benzo(k)fluoranthene	214C1R1	ND	4.41e+3	ng/dscm	7%O2	3.73e-4	lbs/hr	7%O2
Benzo(k)fluoranthene	214C1R2	ND	4.08e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
Benzo(k)fluoranthene	214C1R3	ND	4.27e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
Chrysene	214C1R1	ND	4.41e+3	ng/dscm	7%O2	3.73e-4	lbs/hr	7%O2
Chrysene	214C1R2	ND	4.08e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
Chrysene	214C1R3	ND	4.27e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
Dibenz(a,h)anthracene	214C1R1	ND	4.41e+3	ng/dscm	7%O2	3.73e-4	lbs/hr	7%O2
Dibenz(a,h)anthracene	214C1R2	ND	4.08e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
Dibenz(a,h)anthracene	214C1R3	ND	4.27e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
Fluoranthene	214C1R1	ND	4.41e+3	ng/dscm	7%O2	3.73e-4	lbs/hr	7%O2
Fluoranthene	214C1R2	ND	4.08e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
Fluoranthene	214C1R3	ND	4.27e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
Fluorene	214C1R1	ND	4.41e+3	ng/dscm	7%O2	3.73e-4	lbs/hr	7%O2
Fluorene	214C1R2	ND	4.08e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
Fluorene	214C1R3	ND	4.27e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
Indeno(1,2,3-cd)pyrene	214C1R1	ND	4.41e+3	ng/dscm	7%O2	3.73e-4	lbs/hr	7%O2
Indeno(1,2,3-cd)pyrene	214C1R2	ND	4.08e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
Indeno(1,2,3-cd)pyrene	214C1R3	ND	4.27e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
Naphthalene	214C1R1		5.74e+3	ng/dscm	7%O2	4.85e-4	lbs/hr	7%O2
Naphthalene	214C1R2		3.74e+3	ng/dscm	7%O2	3.37e-4	lbs/hr	7%O2
Naphthalene	214C1R3		4.02e+3	ng/dscm	7%O2	3.44e-4	lbs/hr	7%O2
Phenanthrene	214C1R1		7.94e+2	ng/dscm	7%O2	6.72e-5	lbs/hr	7%O2
Phenanthrene	214C1R2	ND	4.08e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
Phenanthrene	214C1R3	ND	4.27e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
Pyrene	214C1R1	ND	4.41e+3	ng/dscm	7%O2	3.73e-4	lbs/hr	7%O2
Pyrene	214C1R2	ND	4.08e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
Pyrene	214C1R3	ND	4.27e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2

7. Category: Particulate

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate	Calc
Particulate	214C1R1	2.41e-2	gr/dscf 7%O2	4.95e+0	lbs/hr 7%O2
Particulate	214C1R2	1.88e-2	gr/dscf 7%O2	3.47e+0	lbs/hr 7%O2
Particulate	214C1R3	8.59e-3	gr/dscf 7%O2	1.73e+0	lbs/hr 7%O2
Particulate	214C2R1	1.71e-2	gr/dscf 7%O2	3.01e+0	lbs/hr CE7%O2
Particulate	214C2R2	3.22e-2	gr/dscf 7%O2	6.30e+0	lbs/hr CE7%O2
Particulate	214C2R3	3.38e-2	gr/dscf 7%O2	6.72e+0	lbs/hr CE7%O2
Particulate	214C3R1	2.03e-2	gr/dscf 7%O2	4.46e+0	lbs/hr CE7%O2
Particulate	214C3R2	1.87e-2	gr/dscf 7%O2	3.80e+0	lbs/hr CE7%O2
Particulate	214C3R3	1.78e-2	gr/dscf 7%O2	3.66e+0	lbs/hr CE7%O2

7. Category: SVOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate	Calc
1,2,4-Trichlorobenzene	214C1R1	ND	4.41e+3 ng/dscm 7%O2	3.73e-4	lbs/hr 7%O2
1,2,4-Trichlorobenzene	214C1R2	ND	4.08e+3 ng/dscm 7%O2	3.66e-4	lbs/hr 7%O2
1,2,4-Trichlorobenzene	214C1R3	ND	4.27e+3 ng/dscm 7%O2	3.66e-4	lbs/hr 7%O2
1,2-Dichlorobenzene	214C1R1	ND	4.41e+3 ng/dscm 7%O2	3.73e-4	lbs/hr 7%O2
1,2-Dichlorobenzene	214C1R2	ND	4.08e+3 ng/dscm 7%O2	3.66e-4	lbs/hr 7%O2
1,2-Dichlorobenzene	214C1R3		4.27e+2 ng/dscm 7%O2	3.66e-5	lbs/hr 7%O2
1,2-Dichlorobenzene	214C2R1	ND	7.60e+3 ng/dscm 7%O2	5.82e-4	lbs/hr CC7%O2
1,2-Dichlorobenzene	214C2R2	ND	6.98e+3 ng/dscm 7%O2	5.95e-4	lbs/hr CC7%O2
1,2-Dichlorobenzene	214C2R3	ND	6.71e+3 ng/dscm 7%O2	5.82e-4	lbs/hr CC7%O2
1,2-Dichlorobenzene	214C3R1	ND	6.08e+3 ng/dscm 7%O2	5.82e-4	lbs/hr CC7%O2
1,2-Dichlorobenzene	214C3R2	ND	6.58e+3 ng/dscm 7%O2	5.82e-4	lbs/hr CC7%O2

SECTION 7: EMISSIONS ANALYSES

1. COMPANY: ROLLINS ENVIRONMENTAL SERVICES
 2. STATE: LA
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EPA ID: LAD010395127
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 APC SYSTEM: IWS

REGION: 6

1,2-Dichlorobenzene	214C3R3	ND	6.66e+3	ng/dscm	7%O2	5.95e-4	lbs/hr	CC7%O2
1,3-Dichlorobenzene	214C1R1	ND	4.41e+3	ng/dscm	7%O2	3.73e-4	lbs/hr	7%O2
1,3-Dichlorobenzene	214C1R2	ND	4.08e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
1,3-Dichlorobenzene	214C1R3	ND	4.27e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
1,4-Dichlorobenzene	214C1R1	ND	4.41e+3	ng/dscm	7%O2	3.73e-4	lbs/hr	7%O2
1,4-Dichlorobenzene	214C1R2	ND	4.08e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
1,4-Dichlorobenzene	214C1R3	ND	4.27e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
2,4,5-Trichlorophenol	214C1R1	ND	2.21e+4	ng/dscm	7%O2	1.87e-3	lbs/hr	7%O2
2,4,5-Trichlorophenol	214C1R2	ND	2.03e+4	ng/dscm	7%O2	1.83e-3	lbs/hr	7%O2
2,4,5-Trichlorophenol	214C1R3	ND	2.13e+4	ng/dscm	7%O2	1.83e-3	lbs/hr	7%O2
2,4,6-Trichlorophenol	214C1R1	ND	4.41e+3	ng/dscm	7%O2	3.73e-4	lbs/hr	7%O2
2,4,6-Trichlorophenol	214C1R2	ND	4.08e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
2,4,6-Trichlorophenol	214C1R3	ND	4.27e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
2,4-Dichlorophenol	214C1R1	ND	4.41e+3	ng/dscm	7%O2	3.73e-4	lbs/hr	7%O2
2,4-Dichlorophenol	214C1R2	ND	4.08e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
2,4-Dichlorophenol	214C1R3	ND	4.27e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
2,4-Dimethylphenol	214C1R1	ND	4.41e+3	ng/dscm	7%O2	3.73e-4	lbs/hr	7%O2
2,4-Dimethylphenol	214C1R2	ND	4.08e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
2,4-Dimethylphenol	214C1R3	ND	4.27e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
2,4-Dinitrophenol	214C1R1	ND	2.21e+4	ng/dscm	7%O2	1.87e-3	lbs/hr	7%O2
2,4-Dinitrophenol	214C1R2	ND	2.03e+4	ng/dscm	7%O2	1.83e-3	lbs/hr	7%O2
2,4-Dinitrophenol	214C1R3	ND	2.13e+4	ng/dscm	7%O2	1.83e-3	lbs/hr	7%O2
2,4-Dinitrotoluene	214C1R1	ND	4.41e+3	ng/dscm	7%O2	3.73e-4	lbs/hr	7%O2
2,4-Dinitrotoluene	214C1R2	ND	4.08e+3	ng/dscm	7%O2	3.60e-4	lbs/hr	7%O2
2,4-Dinitrotoluene	214C1R3	ND	4.27e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
2,6-Dinitrotoluene	214C1R1	ND	4.41e+3	ng/dscm	7%O2	3.73e-4	lbs/hr	7%O2
2,6-Dinitrotoluene	214C1R2	ND	4.08e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
2,6-Dinitrotoluene	214C1R3	ND	4.27e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
2-Chloronaphthalene	214C1R1	ND	4.41e+3	ng/dscm	7%O2	3.73e-4	lbs/hr	7%O2
2-Chloronaphthalene	214C1R2	ND	4.08e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
2-Chloronaphthalene	214C1R3	ND	4.27e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
2-Chlorophenol	214C1R1	ND	4.41e+3	ng/dscm	7%O2	3.73e-4	lbs/hr	7%O2
2-Chlorophenol	214C1R2	ND	4.08e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
2-Chlorophenol	214C1R3	ND	4.27e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
2-Methylnaphthalene	214C1R1		2.79e+3	ng/dscm	7%O2	2.35e-4	lbs/hr	7%O2
2-Methylnaphthalene	214C1R2		5.71e+2	ng/dscm	7%O2	5.13e-5	lbs/hr	7%O2
2-Methylnaphthalene	214C1R3	ND	4.27e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
2-Methylphenol (o-Cresol)	214C1R1		8.57e+4	ng/dscm	7%O2	7.25e-3	lbs/hr	7%O2
2-Methylphenol (o-Cresol)	214C1R2		2.73e+5	ng/dscm	7%O2	2.45e-2	lbs/hr	7%O2
2-Methylphenol (o-Cresol)	214C1R3		3.51e+5	ng/dscm	7%O2	3.02e-2	lbs/hr	7%O2
2-Nitroaniline	214C1R1	ND	2.21e+4	ng/dscm	7%O2	1.87e-3	lbs/hr	7%O2
2-Nitroaniline	214C1R2	ND	2.03e+4	ng/dscm	7%O2	1.83e-3	lbs/hr	7%O2
2-Nitroaniline	214C1R3	ND	2.13e+4	ng/dscm	7%O2	1.83e-3	lbs/hr	7%O2
2-Nitrophenol	214C1R1	ND	4.41e+3	ng/dscm	7%O2	3.73e-4	lbs/hr	7%O2
2-Nitrophenol	214C1R2	ND	4.08e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
2-Nitrophenol	214C1R3	ND	4.27e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
3,3-Dichlorobenzidine	214C1R1	ND	8.82e+3	ng/dscm	7%O2	7.47e-4	lbs/hr	7%O2
3,3-Dichlorobenzidine	214C1R2	ND	8.14e+3	ng/dscm	7%O2	7.32e-4	lbs/hr	7%O2
3,3-Dichlorobenzidine	214C1R3	ND	8.54e+3	ng/dscm	7%O2	7.32e-4	lbs/hr	7%O2
3-Nitroaniline	214C1R1	ND	2.21e+4	ng/dscm	7%O2	1.87e-3	lbs/hr	7%O2
3-Nitroaniline	214C1R2	ND	2.03e+4	ng/dscm	7%O2	1.83e-3	lbs/hr	7%O2
3-Nitroaniline	214C1R3	ND	2.13e+4	ng/dscm	7%O2	1.83e-3	lbs/hr	7%O2
4,6-Dinitro-o-Cresol	214C1R1	ND	2.21e+4	ng/dscm	7%O2	1.87e-3	lbs/hr	7%O2
4,6-Dinitro-o-Cresol	214C1R2	ND	2.03e+4	ng/dscm	7%O2	1.83e-3	lbs/hr	7%O2
4,6-Dinitro-o-Cresol	214C1R3	ND	2.13e+4	ng/dscm	7%O2	1.83e-3	lbs/hr	7%O2
4-Bromophenyl-phenylether	214C1R1	ND	4.41e+3	ng/dscm	7%O2	3.73e-4	lbs/hr	7%O2
4-Bromophenyl-phenylether	214C1R2	ND	4.08e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
4-Bromophenyl-phenylether	214C1R3	ND	4.27e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
4-Chloro-3-methylphenol	214C1R1	ND	4.41e+3	ng/dscm	7%O2	3.73e-4	lbs/hr	7%O2

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SECTION 7: EMISSIONS ANALYSES

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

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

REGION: 6

4-Chloro-3-methylphenol	214C1R2	ND	4.08e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
4-Chloro-3-methylphenol	214C1R3	ND	4.27e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
4-Chloroaniline	214C1R1	ND	4.41e+3	ng/dscm	7%O2	3.73e-4	lbs/hr	7%O2
4-Chloroaniline	214C1R2	ND	4.08e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
4-Chloroaniline	214C1R3	ND	4.27e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
4-Chlorophenyl-phenylether	214C1R1	ND	4.41e+3	ng/dscm	7%O2	3.73e-4	lbs/hr	7%O2
4-Chlorophenyl-phenylether	214C1R2	ND	4.08e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
4-Chlorophenyl-phenylether	214C1R3	ND	4.27e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
4-Methylphenol (p-Cresol)	214C1R1		6.71e+3	ng/dscm	7%O2	5.67e-4	lbs/hr	7%O2
4-Methylphenol (p-Cresol)	214C1R2		4.44e+3	ng/dscm	7%O2	3.99e-4	lbs/hr	7%O2
4-Methylphenol (p-Cresol)	214C1R3		4.14e+3	ng/dscm	7%O2	3.55e-4	lbs/hr	7%O2
4-Nitroaniline	214C1R1	ND	2.21e+4	ng/dscm	7%O2	1.87e-3	lbs/hr	7%O2
4-Nitroaniline	214C1R2	ND	2.03e+4	ng/dscm	7%O2	1.83e-3	lbs/hr	7%O2
4-Nitroaniline	214C1R3	ND	2.13e+4	ng/dscm	7%O2	1.83e-3	lbs/hr	7%O2
4-Nitrophenol	214C1R1	ND	2.21e+4	ng/dscm	7%O2	1.87e-3	lbs/hr	7%O2
4-Nitrophenol	214C1R2	ND	2.03e+4	ng/dscm	7%O2	1.83e-3	lbs/hr	7%O2
4-Nitrophenol	214C1R3	ND	2.13e+4	ng/dscm	7%O2	1.83e-3	lbs/hr	7%O2
Benzoic acid	214C1R1		4.72e+3	ng/dscm	7%O2	3.99e-4	lbs/hr	7%O2
Benzoic acid	214C1R2		1.35e+4	ng/dscm	7%O2	1.21e-3	lbs/hr	7%O2
Benzoic acid	214C1R3		5.12e+2	ng/dscm	7%O2	4.39e-5	lbs/hr	7%O2
Benzyl alcohol	214C1R1		3.14e+5	ng/dscm	7%O2	2.66e-2	lbs/hr	7%O2
Benzyl alcohol	214C1R2		4.04e+5	ng/dscm	7%O2	3.63e-2	lbs/hr	7%O2
Benzyl alcohol	214C1R3		5.19e+5	ng/dscm	7%O2	4.46e-2	lbs/hr	7%O2
bis(2-chloroethoxy) Methane	214C1R1	ND	4.41e+3	ng/dscm	7%O2	3.73e-4	lbs/hr	7%O2
bis(2-chloroethoxy) Methane	214C1R2	ND	4.08e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
bis(2-chloroethoxy) Methane	214C1R3	ND	4.27e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
bis(2-chloroethyl) Ether	214C1R1	ND	4.41e+3	ng/dscm	7%O2	3.73e-4	lbs/hr	7%O2
bis(2-chloroethyl) Ether	214C1R2	ND	4.08e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
bis(2-chloroethyl) Ether	214C1R3	ND	4.27e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
bis(2-chloroisopropyl) Ether	214C1R1	ND	4.41e+3	ng/dscm	7%O2	3.73e-4	lbs/hr	7%O2
bis(2-chloroisopropyl) Ether	214C1R2	ND	4.08e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
bis(2-chloroisopropyl) Ether	214C1R3	ND	4.27e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
bis(2-ethylexyl) Phthalate	214C1R1		9.74e+3	ng/dscm	7%O2	8.25e-4	lbs/hr	7%O2
bis(2-ethylexyl) Phthalate	214C1R2		6.15e+3	ng/dscm	7%O2	5.53e-4	lbs/hr	7%O2
bis(2-ethylexyl) Phthalate	214C1R3		7.34e+3	ng/dscm	7%O2	6.30e-4	lbs/hr	7%O2
Butylbenzylphthalate	214C1R1		3.75e+3	ng/dscm	7%O2	3.17e-4	lbs/hr	7%O2
Butylbenzylphthalate	214C1R2		2.07e+3	ng/dscm	7%O2	1.87e-4	lbs/hr	7%O2
Butylbenzylphthalate	214C1R3		2.77e+3	ng/dscm	7%O2	2.38e-4	lbs/hr	7%O2
di-n-Butyl Phthalate	214C1R1		1.17e+4	ng/dscm	7%O2	9.93e-4	lbs/hr	7%O2
di-n-Butyl Phthalate	214C1R2		2.81e+3	ng/dscm	7%O2	2.53e-4	lbs/hr	7%O2
di-n-Butyl Phthalate	214C1R3		4.65e+3	ng/dscm	7%O2	3.99e-4	lbs/hr	7%O2
di-n-Octyl Phthalate	214C1R1		6.40e+3	ng/dscm	7%O2	5.58e-4	lbs/hr	CE7%O2
di-n-Octyl Phthalate	214C1R2		4.28e+3	ng/dscm	7%O2	3.84e-4	lbs/hr	7%O2
di-n-Octyl Phthalate	214C1R3		2.09e+3	ng/dscm	7%O2	1.79e-4	lbs/hr	7%O2
Dibenzofuran	214C1R1	ND	4.41e+3	ng/dscm	7%O2	3.73e-4	lbs/hr	7%O2
Dibenzofuran	214C1R2	ND	4.08e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
Dibenzofuran	214C1R3	ND	4.27e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
Diethylphthalate	214C1R1		2.25e+3	ng/dscm	7%O2	1.90e-4	lbs/hr	7%O2
Diethylphthalate	214C1R2		1.43e+3	ng/dscm	7%O2	1.28e-4	lbs/hr	7%O2
Diethylphthalate	214C1R3		1.11e+3	ng/dscm	7%O2	9.52e-5	lbs/hr	7%O2
Dimethylphthalate	214C1R1	ND	4.41e+3	ng/dscm	7%O2	3.73e-4	lbs/hr	7%O2
Dimethylphthalate	214C1R2	ND	4.08e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
Dimethylphthalate	214C1R3	ND	4.27e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
Hexachlorobenzene	214C1R1	ND	4.41e+3	ng/dscm	7%O2	3.73e-4	lbs/hr	7%O2
Hexachlorobenzene	214C1R2	ND	4.08e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
Hexachlorobenzene	214C1R3	ND	4.27e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
Hexachlorobutadiene	214C1R1	ND	4.41e+3	ng/dscm	7%O2	3.73e-4	lbs/hr	7%O2
Hexachlorobutadiene	214C1R2	ND	4.08e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
Hexachlorobutadiene	214C1R3	ND	4.27e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2

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SECTION 7: EMISSIONS ANALYSES

1. COMPANY: ROLLINS ENVIRONMENTAL SERVICES
 2. STATE: LA
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EPA ID: LAD010395127
 SYSTEM TYPE: COMMERCIAL INCINERATOR
 APC SYSTEM: IWS

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Hexachlorocyclopentadiene	214C1R1	ND	4.41e+3	ng/dscm	7%O2	3.73e-4	lbs/hr	7%O2
Hexachlorocyclopentadiene	214C1R2	ND	4.08e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
Hexachlorocyclopentadiene	214C1R3	ND	4.27e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
Hexachloroethane	214C1R1	ND	4.41e+3	ng/dscm	7%O2	3.73e-4	lbs/hr	7%O2
Hexachloroethane	214C1R2	ND	4.08e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
Hexachloroethane	214C1R3	ND	4.27e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
Isophorone	214C1R1	ND	4.41e+3	ng/dscm	7%O2	3.73e-4	lbs/hr	7%O2
Isophorone	214C1R2	ND	4.08e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
Isophorone	214C1R3	ND	4.27e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
N-Nitroso-di-n-propylamine	214C1R1	ND	4.41e+3	ng/dscm	7%O2	3.73e-4	lbs/hr	7%O2
N-Nitroso-di-n-propylamine	214C1R2	ND	4.08e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
N-Nitroso-di-n-propylamine	214C1R3	ND	4.27e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
N-Nitrosodiphenylamine	214C1R1	ND	4.41e+3	ng/dscm	7%O2	3.73e-4	lbs/hr	7%O2
N-Nitrosodiphenylamine	214C1R2	ND	4.08e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
N-Nitrosodiphenylamine	214C1R3	ND	4.27e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
Nitrobenzene	214C1R1	ND	4.41e+3	ng/dscm	7%O2	3.73e-4	lbs/hr	7%O2
Nitrobenzene	214C1R2	ND	4.08e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
Nitrobenzene	214C1R3	ND	4.27e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
Pentachlorophenol	214C1R1	ND	2.21e+4	ng/dscm	7%O2	1.87e-3	lbs/hr	7%O2
Pentachlorophenol	214C1R2	ND	2.03e+4	ng/dscm	7%O2	1.83e-3	lbs/hr	7%O2
Pentachlorophenol	214C1R3	ND	2.13e+4	ng/dscm	7%O2	1.83e-3	lbs/hr	7%O2
Phenol	214C1R1	ND	4.41e+3	ng/dscm	7%O2	3.73e-4	lbs/hr	7%O2
Phenol	214C1R2	ND	4.08e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2
Phenol	214C1R3	ND	4.27e+3	ng/dscm	7%O2	3.66e-4	lbs/hr	7%O2

7. Category: THC & CO

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate	Calc	
CO	214C1R1	6.30e+0	ppmv	7%O2	6.57e-1	lbs/hr	7%O2
CO	214C1R2	4.69e+0	ppmv	7%O2	4.40e-1	lbs/hr	7%O2
CO	214C1R3	1.09e+1	ppmv	7%O2	1.12e+0	lbs/hr	7%O2
CO	214C2R1	3.58e+1	ppmv	7%O2	3.20e+0	lbs/hr	7%O2
CO	214C2R2	1.85e+1	ppmv	7%O2	1.80e+0	lbs/hr	7%O2
CO	214C2R3	1.93e+1	ppmv	7%O2	1.90e+0	lbs/hr	7%O2
CO	214C3R1	1.98e+1	ppmv	7%O2	2.20e+0	lbs/hr	7%O2
CO	214C3R2	2.06e+1	ppmv	7%O2	2.10e+0	lbs/hr	7%O2
CO	214C3R3	1.81e+1	ppmv	7%O2	1.90e+0	lbs/hr	7%O2
THC	214C1R1	1.49e+0	ppmv	7%O2	2.37e-1	lbs/hr	CE7%O2
THC	214C1R2	1.18e+0	ppmv	7%O2	1.84e-1	lbs/hr	CE7%O2
THC	214C1R3	7.50e-1	ppmv	7%O2	1.19e-1	lbs/hr	CE7%O2
THC	214C2R1	1.43e+0	ppmv	7%O2	2.00e-1	lbs/hr	CC7%O2
THC	214C2R2	1.28e+0	ppmv	7%O2	2.00e-1	lbs/hr	CC7%O2
THC	214C2R3	6.31e-1	ppmv	7%O2	1.00e-1	lbs/hr	CC7%O2
THC	214C3R1	2.29e+0	ppmv	7%O2	4.00e-1	lbs/hr	CC7%O2
THC	214C3R2	1.24e+0	ppmv	7%O2	2.00e-1	lbs/hr	CC7%O2
THC	214C3R3	1.22e+0	ppmv	7%O2	2.00e-1	lbs/hr	CC7%O2

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate	Calc		
1,1,1-Trichloroethane	214C1R1	1.12e+5	ng/dscm	7%O2	9.72e-3	lbs/hr	CC7%O2	
1,1,1-Trichloroethane	214C1R2	1.90e+5	ng/dscm	7%O2	1.62e-2	lbs/hr	CC7%O2	
1,1,1-Trichloroethane	214C1R3	2.43e+5	ng/dscm	7%O2	2.11e-2	lbs/hr	CC7%O2	
1,1,2,2-Tetrachloroethane	214C1R1	ND	1.60e+3	ng/dscm	7%O2	1.39e-4	lbs/hr	CC7%O2
1,1,2,2-Tetrachloroethane	214C1R2	ND	1.87e+3	ng/dscm	7%O2	1.59e-4	lbs/hr	CC7%O2
1,1,2,2-Tetrachloroethane	214C1R3	ND	1.84e+3	ng/dscm	7%O2	1.60e-4	lbs/hr	CC7%O2
1,1,2-Trichloroethane	214C1R1	ND	1.60e+3	ng/dscm	7%O2	1.39e-4	lbs/hr	CC7%O2
1,1,2-Trichloroethane	214C1R2	ND	1.87e+3	ng/dscm	7%O2	1.59e-4	lbs/hr	CC7%O2
1,1,2-Trichloroethane	214C1R3	ND	1.84e+3	ng/dscm	7%O2	1.60e-4	lbs/hr	CC7%O2

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SECTION 7: EMISSIONS ANALYSES

1. COMPANY: ROLLINS ENVIRONMENTAL SERVICES
 2. STATE: LA
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EPA LAD010395127
 SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: IWS

REGION: 6

1,1-Dichloroethane	214C1R1	ND	1.17e+3	ng/dscm	7%O2	1.02e-4	lbs/hr	CC7%O2
1,1-Dichloroethane	214C1R2		8.66e+2	ng/dscm	7%O2	7.38e-5	lbs/hr	CC7%O2
1,1-Dichloroethane	214C1R3		1.29e+3	ng/dscm	7%O2	1.12e-4	lbs/hr	CC7%O2
1,1-Dichloroethene	214C1R1	ND	1.19e+3	ng/dscm	7%O2	1.04e-4	lbs/hr	CC7%O2
1,1-Dichloroethene	214C1R2		2.45e+3	ng/dscm	7%O2	2.09e-4	lbs/hr	CC7%O2
1,1-Dichloroethene	214C1R3		3.61e+3	ng/dscm	7%O2	3.14e-4	lbs/hr	CC7%O2
1,2-Dichloroethane	214C1R1	ND	1.30e+3	ng/dscm	7%O2	1.13e-4	lbs/hr	CC7%O2
1,2-Dichloroethane	214C1R2		1.97e+3	ng/dscm	7%O2	1.68e-4	lbs/hr	CC7%O2
1,2-Dichloroethane	214C1R3		1.91e+3	ng/dscm	7%O2	1.66e-4	lbs/hr	CC7%O2
1,2-Dichloropropane	214C1R1	ND	1.17e+3	ng/dscm	7%O2	1.02e-4	lbs/hr	CC7%O2
1,2-Dichloropropane	214C1R2		3.74e+2	ng/dscm	7%O2	3.19e-5	lbs/hr	CC7%O2
1,2-Dichloropropane	214C1R3	ND	1.84e+3	ng/dscm	7%O2	1.60e-4	lbs/hr	CC7%O2
2-Hexanone	214C1R1		1.00e+4	ng/dscm	7%O2	8.71e-4	lbs/hr	CC7%O2
2-Hexanone	214C1R2		2.42e+4	ng/dscm	7%O2	2.06e-3	lbs/hr	CC7%O2
2-Hexanone	214C1R3		4.14e+4	ng/dscm	7%O2	3.60e-3	lbs/hr	CC7%O2
Acetone	214C1R1		6.19e+5	ng/dscm	7%O2	5.39e-2	lbs/hr	CC7%O2
Acetone	214C1R2		6.65e+5	ng/dscm	7%O2	5.67e-2	lbs/hr	CC7%O2
Acetone	214C1R3		8.47e+5	ng/dscm	7%O2	7.36e-2	lbs/hr	CC7%O2
Benzene	214C1R1		2.23e+4	ng/dscm	7%O2	1.94e-3	lbs/hr	CC7%O2
Benzene	214C1R2		2.44e+4	ng/dscm	7%O2	2.08e-3	lbs/hr	CC7%O2
Benzene	214C1R3		2.98e+3	ng/dscm	7%O2	2.59e-4	lbs/hr	CC7%O2
Bromodichloromethane	214C1R1	ND	9.31e+2	ng/dscm	7%O2	8.11e-5	lbs/hr	CC7%O2
Bromodichloromethane	214C1R2		7.43e+2	ng/dscm	7%O2	6.33e-5	lbs/hr	CC7%O2
Bromodichloromethane	214C1R3	ND	1.23e+3	ng/dscm	7%O2	1.07e-4	lbs/hr	CC7%O2
Bromoethane	214C1R1	ND	3.20e+3	ng/dscm	7%O2	2.79e-4	lbs/hr	CC7%O2
Bromoethane	214C1R2	ND	3.72e+3	ng/dscm	7%O2	3.17e-4	lbs/hr	CC7%O2
Bromoethane	214C1R3	ND	3.67e+3	ng/dscm	7%O2	3.19e-4	lbs/hr	CC7%O2
Bromoform	214C1R1	ND	1.60e+3	ng/dscm	7%O2	1.39e-4	lbs/hr	CC7%O2
Bromoform	214C1R2	ND	1.87e+3	ng/dscm	7%O2	1.59e-4	lbs/hr	CC7%O2
Bromoform	214C1R3	ND	1.84e+3	ng/dscm	7%O2	1.60e-4	lbs/hr	CC7%O2
Carbon disulfide	214C1R1	ND	2.46e+3	ng/dscm	7%O2	2.14e-4	lbs/hr	CC7%O2
Carbon disulfide	214C1R2		3.79e+3	ng/dscm	7%O2	3.23e-4	lbs/hr	CC7%O2
Carbon disulfide	214C1R3		4.50e+3	ng/dscm	7%O2	3.91e-4	lbs/hr	CC7%O2
Carbon Tetrachloride	214C1R1		2.57e+4	ng/dscm	7%O2	2.24e-3	lbs/hr	CC7%O2
Carbon Tetrachloride	214C1R2		9.28e+3	ng/dscm	7%O2	7.91e-4	lbs/hr	CC7%O2
Carbon Tetrachloride	214C1R3		8.01e+3	ng/dscm	7%O2	6.96e-4	lbs/hr	CC7%O2
Carbon Tetrachloride	214C2R1		9.68e+5	ng/dscm	7%O2	7.42e-2	lbs/hr	CC7%O2
Carbon Tetrachloride	214C2R2		7.29e+3	ng/dscm	7%O2	6.22e-4	lbs/hr	CC7%O2
Carbon Tetrachloride	214C2R3		7.63e+3	ng/dscm	7%O2	6.61e-4	lbs/hr	CC7%O2
Carbon Tetrachloride	214C3R1		7.20e+4	ng/dscm	7%O2	6.89e-3	lbs/hr	CC7%O2
Carbon Tetrachloride	214C3R2		9.39e+4	ng/dscm	7%O2	8.31e-3	lbs/hr	CC7%O2
Carbon Tetrachloride	214C3R3		3.33e+4	ng/dscm	7%O2	2.98e-3	lbs/hr	CC7%O2
Chloroethane	214C1R1	ND	3.20e+3	ng/dscm	7%O2	2.79e-4	lbs/hr	CC7%O2
Chloroethane	214C1R2	ND	3.72e+3	ng/dscm	7%O2	3.17e-4	lbs/hr	CC7%O2
Chloroethane	214C1R3	ND	3.67e+3	ng/dscm	7%O2	3.19e-4	lbs/hr	CC7%O2
Chloroform	214C1R1		4.86e+3	ng/dscm	7%O2	4.23e-4	lbs/hr	CC7%O2
Chloroform	214C1R2		4.04e+3	ng/dscm	7%O2	3.44e-4	lbs/hr	CC7%O2
Chloroform	214C1R3		3.60e+3	ng/dscm	7%O2	3.13e-4	lbs/hr	CC7%O2
Chloromethane	214C1R1	ND	2.96e+3	ng/dscm	7%O2	2.58e-4	lbs/hr	CC7%O2
Chloromethane	214C1R2	ND	3.81e+3	ng/dscm	7%O2	3.25e-4	lbs/hr	CC7%O2
Chloromethane	214C1R3	ND	3.60e+3	ng/dscm	7%O2	3.13e-4	lbs/hr	CC7%O2
cis-1,3-Dichloropropene	214C1R1	ND	1.60e+3	ng/dscm	7%O2	1.39e-4	lbs/hr	CC7%O2
cis-1,3-Dichloropropene	214C1R2	ND	1.87e+3	ng/dscm	7%O2	1.59e-4	lbs/hr	CC7%O2
cis-1,3-Dichloropropene	214C1R3	ND	1.84e+3	ng/dscm	7%O2	1.60e-4	lbs/hr	CC7%O2
Dibromochloromethane	214C1R1	ND	1.60e+3	ng/dscm	7%O2	1.39e-4	lbs/hr	CC7%O2
Dibromochloromethane	214C1R2	ND	1.87e+3	ng/dscm	7%O2	1.59e-4	lbs/hr	CC7%O2
Dibromochloromethane	214C1R3	ND	1.84e+3	ng/dscm	7%O2	1.60e-4	lbs/hr	CC7%O2
Methyl Ethyl Ketone	214C1R1		1.44e+4	ng/dscm	7%O2	1.25e-3	lbs/hr	CC7%O2
Methyl Ethyl Ketone	214C1R2		1.47e+4	ng/dscm	7%O2	1.25e-3	lbs/hr	CC7%O2

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SECTION 7: EMISSIONS ANALYSES

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

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

REGION: 6

Methyl Ethyl Ketone	214C1R3		1.10e+4	ng/dscm 7%O2	9.55e-4	lbs/hr	CC7%O2
Methylene Chloride	214C1R1		2.66e+4	ng/dscm 7%O2	2.32e-3	lbs/hr	CC7%O2
Methylene Chloride	214C1R2		3.06e+4	ng/dscm 7%O2	2.61e-3	lbs/hr	CC7%O2
Methylene Chloride	214C1R3		3.60e+4	ng/dscm 7%O2	3.13e-3	lbs/hr	CC7%O2
Styrene	214C1R1	ND	1.81e+3	ng/dscm 7%O2	1.58e-4	lbs/hr	CC7%O2
Styrene	214C1R2	ND	1.87e+3	ng/dscm 7%O2	1.59e-4	lbs/hr	CC7%O2
Styrene	214C1R3	ND	1.84e+3	ng/dscm 7%O2	1.60e-4	lbs/hr	CC7%O2
Tetrachloroethene	214C1R1		1.72e+3	ng/dscm 7%O2	1.50e-4	lbs/hr	CC7%O2
Tetrachloroethene	214C1R2		2.49e+3	ng/dscm 7%O2	2.12e-4	lbs/hr	CC7%O2
Tetrachloroethene	214C1R3	ND	2.26e+3	ng/dscm 7%O2	1.96e-4	lbs/hr	CC7%O2
Toluene	214C1R1		1.97e+4	ng/dscm 7%O2	1.72e-3	lbs/hr	CC7%O2
Toluene	214C1R2		5.17e+4	ng/dscm 7%O2	4.41e-3	lbs/hr	CC7%O2
Toluene	214C1R3		2.18e+4	ng/dscm 7%O2	1.89e-3	lbs/hr	CC7%O2
Total Xylene	214C1R1		4.81e+4	ng/dscm 7%O2	4.19e-3	lbs/hr	CC7%O2
Total Xylene	214C1R2	ND	6.54e+4	ng/dscm 7%O2	5.57e-3	lbs/hr	CC7%O2
Total Xylene	214C1R3		1.63e+4	ng/dscm 7%O2	1.42e-3	lbs/hr	CC7%O2
trans-1,2-Dichloroethene	214C1R1	ND	1.60e+3	ng/dscm 7%O2	1.39e-4	lbs/hr	CC7%O2
trans-1,2-Dichloroethene	214C1R2	ND	1.87e+3	ng/dscm 7%O2	1.59e-4	lbs/hr	CC7%O2
trans-1,2-Dichloroethene	214C1R3	ND	1.01e+3	ng/dscm 7%O2	8.78e-5	lbs/hr	CC7%O2
trans-1,3-Dichloropropene	214C1R1		6.97e+2	ng/dscm 7%O2	6.07e-5	lbs/hr	CC7%O2
trans-1,3-Dichloropropene	214C1R2	ND	1.87e+3	ng/dscm 7%O2	1.59e-4	lbs/hr	CC7%O2
trans-1,3-Dichloropropene	214C1R3	ND	1.84e+3	ng/dscm 7%O2	1.60e-4	lbs/hr	CC7%O2
Trichloroethene	214C1R1		6.45e+4	ng/dscm 7%O2	5.62e-3	lbs/hr	CC7%O2
Trichloroethene	214C1R2		4.93e+4	ng/dscm 7%O2	4.20e-3	lbs/hr	CC7%O2
Trichloroethene	214C1R3		2.48e+4	ng/dscm 7%O2	2.15e-3	lbs/hr	CC7%O2
Trichloroethene	214C2R1		1.11e+5	ng/dscm 7%O2	8.53e-3	lbs/hr	CC7%O2
Trichloroethene	214C2R2	ND	3.26e+3	ng/dscm 7%O2	2.78e-4	lbs/hr	CC7%O2
Trichloroethene	214C2R3	ND	3.36e+3	ng/dscm 7%O2	2.91e-4	lbs/hr	CC7%O2
Trichloroethene	214C3R1		1.31e+4	ng/dscm 7%O2	1.26e-3	lbs/hr	CC7%O2
Trichloroethene	214C3R2		7.92e+3	ng/dscm 7%O2	7.01e-4	lbs/hr	CC7%O2
Trichloroethene	214C3R3		6.21e+3	ng/dscm 7%O2	5.56e-4	lbs/hr	CC7%O2
Vinyl Acetate	214C1R1	ND	3.20e+3	ng/dscm 7%O2	2.79e-4	lbs/hr	CC7%O2
Vinyl Acetate	214C1R2	ND	3.72e+3	ng/dscm 7%O2	3.17e-4	lbs/hr	CC7%O2
Vinyl Acetate	214C1R3	ND	3.67e+3	ng/dscm 7%O2	3.19e-4	lbs/hr	CC7%O2
Vinyl Chloride	214C1R1	ND	3.20e+3	ng/dscm 7%O2	2.79e-4	lbs/hr	CC7%O2
Vinyl Chloride	214C1R2	ND	3.71e+3	ng/dscm 7%O2	3.16e-4	lbs/hr	CC7%O2
Vinyl Chloride	214C1R3	ND	3.67e+3	ng/dscm 7%O2	3.19e-4	lbs/hr	CC7%O2

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