Dean, Ouisha <ouisha.dean@solvay.com>

Solvay Annual Reports to WDEQ 2011

3 messages

Tim Martin <tmartin@airsci.com> Thu, Aug 16, 2012 at 10:39 AM
To: "Toenyes, Ouisha" <ouisha.toenyes@solvay.com>

Ouisha,

At your convenience, can you please e-mail me the annual air emissions reports that Solvay submitted to WDEQ for 2011 (assuming they have been officially submitted to DEQ)? Hoping you have something for 2011 which is similar to the format that you previously provided me for 2006 – 2010 (attached for reference). Thanks in advance.

-Tim

TIM MARTIN

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06 to 10 emissions inventory.xls
585K

Toenyes, Ouisha <ouisha.toenyes@solvay.com> Fri, Aug 17, 2012 at 3:57 PM
To: Tim Martin <tmartin@airsci.com>

Tim,

I have attached the previous file you sent me including the 2011 Emissions Inventory which was submitted to the WDEQ.

-Ouisha

[Quoted text hidden]

–
Ouisha Toenyes
Environmental Engineer
(307) 872 - 6571
ouisha.toenyes@solvay.com

06_to_11_emissions_inventory(1).xls
714K

Tim Martin <tmartin@airsci.com> Mon, Aug 20, 2012 at 8:13 AM
To: "Toenyes, Ouisha" <ouisha.toenyes@solvay.com>, tim.brown@solvay.com
Cc: knorville@airsci.com

Tim and Ouisha,

Thanks much for providing the 2011 annual emissions data.

We are working on the modeling setup and there may be one source that we don't have in the modeling source inventory. Is there a "coal haul road" which is a separate source from the DECA haul road?

Here are the documents which mention/allude to the coal haul road:

From the draft Title V, page 11: (F8) COAL HAUL ROAD DUST CONTROL [WAQSR Ch 6, Sec 2 Permit MD-1067]

From annual reports to WDEQ: (01) Fugitive Dust - Haul Roads (FD).

If so, can you please provide us a map of the location of the coal haul road segment at the facility and an hourly PTE for PM10 for modeling? For reference, the annual reports to WDEQ list the actual emissions from this haul road source based on # trip/yr x 2 miles/trip x 0.68 lb PM10/VMT for annual purposes.

-Tim

From: Toenyes, Ouisha [mailto:ouisha.toenyes@solvay.com]
Sent: Friday, August 17, 2012 4:58 PM
To: Tim Martin
Subject: Re: Solvay Annual Reports to WDEQ 2011

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(01) Fugitive Dust - Haul Roads (FD)

OPERATING PARAMETERS				
Operating Hours:		Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX						
Emission in Tons:	4.23						

NOTE: Based on 6222 loads of coal, 39.5 tons/load, 2 miles round trip, at 0.68 lbs/VMT.

(02A) Ore Crusher Building #1 (BF-1)

OPERATING PARAMETERS				
Operating Hours:	8760	Throughput:	2,074,199	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	7.01						

(06A) Product Silos-Top (BF-31)

OPERATING PARAMETERS				
Operating Hours:	8760	Throughput:	**148,728**	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	1.31						

(06B) Product Silos- Bottom #1 (BF-33)

OPERATING PARAMETERS				
Operating Hours:	225	Throughput:	172,865	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.06						

(07) Product Loadout Station (BF-32)

OPERATING PARAMETERS				
Operating Hours:	3744	Throughput:	2,801,210	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.25						

(10) Coal Crushing & Storage (BF-35)

OPERATING PARAMETERS				
Operating Hours:	1670	Throughput:	250,095	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.22						

(11) Coal Transfer Station (BF-39)

OPERATING PARAMETERS				
Operating Hours:	1670	Throughput:	250,095	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.18						

(14) Boiler Coal Bunker (BF-36)

OPERATING PARAMETERS				
Operating Hours:	1670	Throughput:	250,095	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.31						

(15) DR-1 & 2 Steam Tube Dryers (WS-4&5)

OPERATING PARAMETERS				
Operating Hours:	8364	Throughput:	967,105	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:	0	MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT	NS	CS	VE			
Emission in Tons:	8.74	0.0	0.0	0.0			

(16) Dryer Area (BF-24)

OPERATING PARAMETERS				
Operating Hours:	8364	Throughput:	967,105	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	3.76						

(17) "A" and "B" Calciners (EP1&2)

OPERATING PARAMETERS				
Operating Hours:	8507	Throughput:	1,202,621	Tons
NOX CEM (lb/MMBtu):	0.249	SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:	507	MMSCF	1044	BTU/SCF	
Coal:	47,086	Tons	10,032	BTU/LB	0.64
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2	NH3	
Calculation Method:	PT	NT	CS	VX	ST	OT	
Emission in Tons:	31.82	134.89	906.5355	889.94	1.41	11.54	

Note: VX is based on 1.48 lb VOC per ton trona ore throughput

(18) #1 Coal Fired Boiler (EP3&WS7)

OPERATING PARAMETERS				
Operating Hours:	8664	Throughput:		Tons
NOX CEM (lb/MMBtu):	0.54	SO2 CEM (lb/MMBtu):	0.04	

Fuel use is based on dedicated meter (belt scale).

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:	101,911	Tons	10,032	BTU/LB	0.64
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PS	NV	CS	VS	SV		
Emission in Tons:	10.22	552.08	51.12	2.04	40.89		

(19) #2 Coal Fired Boiler (EP4&WS8)

OPERATING PARAMETERS				
Operating Hours:	8590	Throughput:		Tons
NOX CEM (lb/MMBtu):	0.47	SO2 CEM (lb/MMBtu):		0.02

Fuel use is based on dedicated meter (belt scale).

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:	101,098	Tons	10,032	BTU/LB	0.64
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PS	NV	CS	VS	SV		
Emission in Tons:	10.14	476.68	50.71	2.03	20.28		

(24) Boiler Fly Ash Silo (BF-41)

OPERATING PARAMETERS				
Operating Hours:	8760	Throughput:	4,273	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	1.31						

(25) Alkaten Crushing (BF-54)

OPERATING PARAMETERS				
Operating Hours:	4675	Throughput:	177,663	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.34						

(26) Trona Products Dryer (BF-55)

OPERATING PARAMETERS				
Operating Hours:	8545	Throughput:	100,804	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:	3.8	MMSCF	1044	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA	NS	CS	VE			
Emission in Tons:	2.35	0.20	0.06	0.04			

(27) Trona Products Bagging and Load Out (BF-56)

OPERATING PARAMETERS				
Operating Hours:	307	Throughput:	30,662	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.08						

(28) DR-4 Fluid Bed Product Dryer (WS-10)

OPERATING PARAMETERS				
Operating Hours:	0	Throughput:	0	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT						
Emission in Tons:	0.00						

7

(30) Lime Bin #1 (BF-507)

OPERATING PARAMETERS				
Operating Hours:	176	Throughput:	11,930	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.02						

(31) Lime Bin #2 (BF-508)

OPERATING PARAMETERS				
Operating Hours:	176	Throughput:	11,930	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.02						

(33) Sulfur Burner (WS-454)

OPERATING PARAMETERS				
Operating Hours:	8424	Throughput:	17,950	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:	0.06	MMSCF	1044	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:		NT			ST		
Emission in Tons:		0.21			0.38		

(35) Sulfite Dryer (WS-455)

OPERATING PARAMETERS				
Operating Hours:	7552	Throughput:	46,113	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:	1	MMSCF	1044	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT						
Emission in Tons:	3.06						

(36) Sulfite Product Bin #1 (BF-503)

OPERATING PARAMETERS				
Operating Hours:	2517.333	Throughput:	15,371	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.13						

(37) Sulfite Product Bin #2 (BF-504)

OPERATING PARAMETERS				
Operating Hours:	2517.333	Throughput:	15,371	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.13						

(38) Sulfite Product Bin #3 (BF-505)

OPERATING PARAMETERS				
Operating Hours:	2517.333		15,371	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.13						

(42) CS-13 Sulfite HCL Tank Vent (TA-501)

OPERATING PARAMETERS				
Operating Hours:	2	Throughput:	46	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2	HCl Vapor	
Calculation Method:						OX	
Emission in Tons:						0.00	

NOTE: OX based on 0.15 pounds HCl vaopr per ton HCl

(43) Sulfur Storage Tank (TA-501)

OPERATING PARAMETERS				
Operating Hours:	359	Throughput:	17,950	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2	OTHER	
Calculation Method:						H2S-OX	
Emission in Tons:						0.18	

NOTE: H2S-OX is based on 0.001% of sulfur throughput being emitted as H2S

(44) Lime Unloading (BF-509)

OPERATING PARAMETERS				
Operating Hours:	352	Hours	23,860	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.03						

(45) Trona Products Transloading (BF-53)

OPERATING PARAMETERS				
Operating Hours:	0	Throughput:	0	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.00						

(46) Ore Transfer Station (BF-62)

OPERATING PARAMETERS				
Operating Hours:	8760	Throughput:	2,074,199	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	3.11						

(48) "C" Calciner (EP-5)

OPERATING PARAMETERS				
Operating Hours:	7580	Throughput:	1,046,548	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:	1004	MMSCF	1044	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT	NT	CS	VX			
Emission in Tons:	18.84	10.48	1084.86	172.68			

Note: VX is based on 0.33 lb VOC per ton trona ore throughput

(50) "C" Train Dryer Area (BF-84)

OPERATING PARAMETERS				
Operating Hours:	8027	Throughput:	722,311	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.81						

(51) Product Dryer #5 (EP-6)

OPERATING PARAMETERS				
Operating Hours:	8027	Throughput:	722,311	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:	609	MMSCF	1044	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT	NT	CT	VE			
Emission in Tons:	3.61	31.79	158.95	1.04			

(52) Product Silo- Top #2 (BF-79)

OPERATING PARAMETERS				
Operating Hours:	8,717	Throughput:	2,330,072	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.18						

(53) Product Silo- Bottom #2 (BF-86)

OPERATING PARAMETERS				
Operating Hours:	3519	Throughput:	2,628,345	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.79						

(54) T-200 Storage Bin (BF-103)

OPERATING PARAMETERS				
Operating Hours:	6,733	Throughput:	89,551	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.64						

(55) West Recycle/Reclaim (BF-87)

OPERATING PARAMETERS				
Operating Hours:	0	Throughput:	0	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.00						

(62) Carbon Bin (BF-100)

OPERATING PARAMETERS				
Operating Hours:	65	Throughput:	649	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.01						

(63) Perlite Bin (BF-101)

OPERATING PARAMETERS				
Operating Hours:	134	Throughput:	1342	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.01						

(64) Sulfite Blending #2 (BF-601)

OPERATING PARAMETERS				
Operating Hours:	188	Throughput:	269	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.01						

(65) Sulfite Blending #1 (BF-602)

OPERATING PARAMETERS				
Operating Hours:	1691	Throughput:	2416	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.03						

(66) Carbon/Perlite Scrubber (WS-2)

OPERATING PARAMETERS				
Operating Hours:	8760	Throughput:	1991	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.54						

(67) Bottom Ash (BF-42)

OPERATING PARAMETERS				
Operating Hours:	8760	Throughput:	4,273	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.06						

(68) Trona Products Bagging Silo (68)

OPERATING PARAMETERS				
Operating Hours:	158	Throughput:	3,793	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.03						

(70) Sodium Sulfite Bagging Silo (BF-206)

OPERATING PARAMETERS				
Operating Hours:	456	Throughput:	7,522	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.06						

(71) Metabisulfite Bagging Silo (71)

OPERATING PARAMETERS				
Operating Hours:	614	Throughput:	10,127	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.08						

(72) MBS Soda Ash Feed Silo (72)

OPERATING PARAMETERS				
Operating Hours:	2272	Throughput:	5,680	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.08						

(73) Metabisulfite Dryer (73)

OPERATING PARAMETERS				
Operating Hours:	6783	Throughput:	10,174	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:	7.41	MMSCF	1044	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT	NS	CS	VX	ST		
Emission in Tons:	0.20	0.39	0.15	0.03	0.81		

NOTE: VX is based on estimate of 0.01 lb NOX/hr

(76) "D" Train Primary Ore Screening

OPERATING PARAMETERS				
Operating Hours:	7684	Throughput:	1,884,419	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	9.41						

(79) Ore Transfer Point (79)

OPERATING PARAMETERS				
Operating Hours:	7684	Throughput:	1,884,419	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	3.23						

(80) "D" Ore Calciner (80)

OPERATING PARAMETERS				
Operating Hours:	7671	Throughput:	1,516,472	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:	1465	MMSCF	1044	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT	NS	CE	VX			
Emission in Tons:	34.17	38.24	2003.59	128.90			

NOTE: VX based on 0.17 lb VOC per ton trona ore throughput

(81) "D" Train Dryer Area (81)

OPERATING PARAMETERS				
Operating Hours:	8689	Throughput:	789,384	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.17						

(82) DR-6 Product Dryer

OPERATING PARAMETERS				
Operating Hours:	8689	Throughput:	789,384	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:	678	MMSCF	1044	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT	NS	CS	VE			
Emission in Tons:	10.08	53.09	24.77	1.13			

(83) Product Silo (83)

OPERATING PARAMETERS				
Operating Hours:	0	Throughput:	0	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.00						

(85) Boiler (BO-3)

OPERATING PARAMETERS				
Operating Hours:	0	Throughput:	0	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PE	NE	CE	VE			
Emission in Tons:	0.00	0.00	0.00	0.00			

(88) Trona Products Transloading #2

OPERATING PARAMETERS				
Operating Hours:	1708	Throughput:	14,173	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.17						

(89) Bisulfite Loadout Facility

OPERATING PARAMETERS				
Operating Hours:	763	Throughput:	4,579	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:					SA		
Emission in Tons:					0.03		

(90) Blending Bag Dump #1 (Bag Dump - C)

OPERATING PARAMETERS				
Operating Hours:	873	Throughput:	97	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.02						

(91) Blending Bag Dump #2 (Bag Dump - D)

OPERATING PARAMETERS				
Operating Hours:	101	Throughput:	67	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.00						

(92) Trona Products Bin #2 (AQD #92)

OPERATING PARAMETERS				
Operating Hours:	2475	Throughput:	49,509	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.37						

(93) Trona Products Rail Loadout (AQD #93)

OPERATING PARAMETERS				
Operating Hours:	495	Throughput:	49,509	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.04						

(94) Sulfite Loadout (AQD #94)

OPERATING PARAMETERS				
Operating Hours:	443	Throughput:	33,221	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.07						

(95) Trona Products Loadout Bin (AQD #95)

OPERATING PARAMETERS				
Operating Hours:	495	Throughput:	49,509	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.02						

(96) TPX Bin #1 Baghouse (AQD #96)

OPERATING PARAMETERS				
Operating Hours:	142	Throughput:	14,173	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.01						

(97) TPX Bin #2 Baghouse (AQD #97)

OPERATING PARAMETERS				
Operating Hours:	504	Throughput:	1,260	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.03						

(98) TPX Area Baghouse (AQD #98)

OPERATING PARAMETERS				
Operating Hours:	6299	Throughput:	15,748	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	1.26						

(99) Crusher Baghouse #2 (AQD #99)

OPERATING PARAMETERS				
Operating Hours:	8,760	Throughput:	2,074,199	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	14.02						

(100) Calciner Coal Bunker (AQD #100)

OPERATING PARAMETERS				
Operating Hours:	1,245	Throughput:	47,086	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.12						

(101) Fluid Bed Dryer Baghouse (101)

OPERATING PARAMETERS				
Operating Hours:	7,891	Throughput:	62,686	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:	6.4	MMSCF	1044	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA	NA	CA	VE			
Emission in Tons:	7.89	1.97	0.79	0.04			

(102) T-200 Silos Baghouse (102)

OPERATING PARAMETERS				
Operating Hours:	430	Throughput:	85,935	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.13						

(103) East Ore Reclaim Baghouse (103)

OPERATING PARAMETERS				
Operating Hours:	8,059	Throughput:	1,908,263	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	1.33						

(104) West Ore Reclaim Baghouse (104)

OPERATING PARAMETERS				
Operating Hours:	8,059	Throughput:	1,908,263	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	1.09						

(MV) Mine Vent (MV)

OPERATING PARAMETERS				
Operating Hours:	8760	Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:			CX	VT			
Emission in Tons:			34.16	472.16			

NOTE: CX based on estimate of 7.8 pph CO

(901) Cooling Tower - High Flow (CT-1)

OPERATING PARAMETERS				
Operating Hours:	8385	Throughput:	15,000	gal/min
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX						
Emission in Tons:	15.09						

NOTE: PX based on estimate of 0.004 lb PM/Kgal

(902) Cooling Tower - Low Flow (CT-501)

OPERATING PARAMETERS				
Operating Hours:	7552	Throughput:	5,500	gal/min
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX						
Emission in Tons:	4.98						

NOTE: PX based on estimate of 0.004 lb PM/Kgal

(FRP) Emergency Fire Pump Engine (PU-76)

OPERATING PARAMETERS				
Operating Hours:	10	Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:	0.15	M Gal	140,000	BTU/Gal	0.05
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.00	0.04	0.01	0.01	0.00		

Note: Based on operating rate of 14.5 gph; PM at 0.31, NOX at 4.41, CO at 0.95, and SO2 at 0.29 lb/MMBTU

(GND) Generator Engine - (C/S Plant)

OPERATING PARAMETERS				
Operating Hours:	2	Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:	1	M Gal	140,000	BTU/Gal	0.05
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.01	0.12	0.03	0.01	0.01		

Note: Based on operating rate of 14.5 gph; PM at 0.31, NOX at 4.41, CO at 0.95, and SO2 at 0.29 lb/MMBTU

(GNS1) Steam Plant Generator Engine #1 (EG-1)

OPERATING PARAMETERS				
Operating Hours:	2	Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:	0.4	M Gal	140,000	BTU/Gal	0.05
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.01	0.10	0.02	0.01	0.01		

Note: Based on operating rate of 168 gph; PM at 0.31, NOX at 4.41, CO at 0.95, and SO2 at 0.29 lb/MMBTU

(GNS2) Steam Plant Generator Engine #2 (EG-2)

OPERATING PARAMETERS				
Operating Hours:	1	Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:	0.25	M Gal	140,000	BTU/Gal	0.05
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.00	0.05	0.01	0.01	0.00		

Note: Based on operating rate of 168 gph; PM at 0.31, NOX at 4.41, CO at 0.95, and SO2 at 0.29 lb/MMBTU

(PB) Emergency Pony Boiler (bo-pony)

OPERATING PARAMETERS				
Operating Hours:	0	Throughput:	0	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:	0	M Gal	0	BTU/Gal	0
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.00	0.00	0.00	0.00	0.00		

Note: Based on operating rate of 168 gph; PM at 0.31, NOX at 4.41, CO at 0.95, and SO2 at 0.29 lb/MMBTU

(01) Fugitive Dust - Haul Roads (FD)

OPERATING PARAMETERS				
Operating Hours:		Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX						
Emission in Tons:	5.27						

NOTE: Based on 7,753 loads of coal, 39.5 tons/load, 2 miles round trip, at 0.68 lbs/VMT.

(02A) Ore Crusher Building #1 (BF-1)

OPERATING PARAMETERS				
Operating Hours:	8760	Throughput:	1,675,635	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	7.01						

(06A) Product Silos-Top (BF-31)

OPERATING PARAMETERS				
Operating Hours:	8760	Throughput:	**180,850**	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	1.31						

(06B) Product Silos- Bottom #1 (BF-33)

OPERATING PARAMETERS				
Operating Hours:	262	Throughput:	175,235	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.07						

(07) Product Loadout Station (BF-32)

OPERATING PARAMETERS				
Operating Hours:	3744	Throughput:	2,585,713	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.25						

(10) Coal Crushing & Storage (BF-35)

OPERATING PARAMETERS				
Operating Hours:	2291	Throughput:	306,233	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.30						

(11) Coal Transfer Station (BF-39)

OPERATING PARAMETERS				
Operating Hours:	2291	Throughput:	306,233	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.24						

(14) Boiler Coal Bunker (BF-36)

OPERATING PARAMETERS				
Operating Hours:	2291	Throughput:	306,233	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.42						

(15) DR-1 & 2 Steam Tube Dryers (WS-4&5)

OPERATING PARAMETERS				
Operating Hours:	8408	Throughput:	944,140	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:	0	MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT	NS	CS	VE			
Emission in Tons:	8.79	0.0	0.0	0.0			

(16) Dryer Area (BF-24)

OPERATING PARAMETERS				
Operating Hours:	8408	Throughput:	944,140	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	3.78						

(17) "A" and "B" Calciners (EP1&2)

OPERATING PARAMETERS				
Operating Hours:	8627	Throughput:	1,592,932	Tons
NOX CEM (lb/MMBtu):	0.273	SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:	102,883	Tons	10,022	BTU/LB	0.62
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2	NH3	
Calculation Method:	PT	NV	CS	VX	ST	OT	
Emission in Tons:	40.29	281.49	1268.245	1178.77	4.31	9.49	

Note: VX is based on 1.48 lb VOC per ton trona ore throughput

(18) #1 Coal Fired Boiler (EP3&WS7)

OPERATING PARAMETERS				
Operating Hours:	8543	Throughput:		Tons
NOX CEM (lb/MMBtu):	0.55	SO2 CEM (lb/MMBtu):	0.03	

Fuel use is based on dedicated meter (belt scale).

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:	101,675	Tons	10,022	BTU/LB	0.62
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PS	NV	CS	VS	SV		
Emission in Tons:	10.19	560.44	50.95	2.04	30.57		

(19) #2 Coal Fired Boiler (EP4&WS8)

OPERATING PARAMETERS				
Operating Hours:	8531	Throughput:		Tons
NOX CEM (lb/MMBtu):	0.5	SO2 CEM (lb/MMBtu):		0.02

Fuel use is based on dedicated meter (belt scale).

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:	101,675	Tons	10,022	BTU/LB	0.62
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PS	NV	CS	VS	SV		
Emission in Tons:	10.19	509.49	50.95	2.04	20.38		

(24) Boiler Fly Ash Silo (BF-41)

OPERATING PARAMETERS				
Operating Hours:	8760	Throughput:	4,230	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	1.31						

(25) Alkaten Crushing (BF-54)

OPERATING PARAMETERS				
Operating Hours:	6055	Throughput:	230,090	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	3.03						

(26) Trona Products Dryer (BF-55)

OPERATING PARAMETERS				
Operating Hours:	8397	Throughput:	117,463	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:	4.9	MMSCF	1040	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA	NS	CS	VE			
Emission in Tons:	2.31	0.25	0.08	0.04			

(27) Trona Products Bagging and Load Out (BF-56)

OPERATING PARAMETERS				
Operating Hours:	197	Throughput:	19,707	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.05						

(30) Lime Bin #1 (BF-507)

OPERATING PARAMETERS				
Operating Hours:	325	Throughput:	11,435	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.03						

(31) Lime Bin #2 (BF-508)

OPERATING PARAMETERS				
Operating Hours:	326	Throughput:	11,435	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.03						

(33) Sulfur Burner (WS-454)

OPERATING PARAMETERS				
Operating Hours:	8640	Throughput:	18,290	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:	0.05	MMSCF	1041	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:		NT			ST		
Emission in Tons:		0.22			0.39		

(35) Sulfite Dryer (WS-455)

OPERATING PARAMETERS				
Operating Hours:	8026	Throughput:	50,955	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:	1	MMSCF	1041	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT						
Emission in Tons:	3.25						

(36) Sulfite Product Bin #1 (BF-503)

OPERATING PARAMETERS				
Operating Hours:	2675.333	Throughput:	16,985	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.13						

(37) Sulfite Product Bin #2 (BF-504)

OPERATING PARAMETERS				
Operating Hours:	2675.333	Throughput:	16,985	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.13						

(38) Sulfite Product Bin #3 (BF-505)

OPERATING PARAMETERS				
Operating Hours:	2676.333		16,985	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.13						

(42) CS-13 Sulfite HCL Tank Vent (TA-501)

OPERATING PARAMETERS				
Operating Hours:	1	Throughput:	24	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2	HCl Vapor	
Calculation Method:						OX	
Emission in Tons:						0.00	

NOTE: OX based on 0.15 pounds HCl vaopr per ton HCl

(43) Sulfur Storage Tank (TA-501)

OPERATING PARAMETERS				
Operating Hours:	366	Throughput:	18,290	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2	OTHER	
Calculation Method:						H2S-OX	
Emission in Tons:						0.18	

NOTE: H2S-OX is based on 0.001% of sulfur throughput being emitted as H2S

(44) Lime Unloading (BF-509)

OPERATING PARAMETERS				
Operating Hours:	651	Hours	22,870	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.06						

(46) Ore Transfer Station (BF-62)

OPERATING PARAMETERS				
Operating Hours:	8760	Throughput:	1,675,635	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	3.11						

(48) "C" Calciner (EP-5)

OPERATING PARAMETERS				
Operating Hours:	4813	Throughput:	540,553	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:	555	MMSCF	1040	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT	NT	CS	VX			
Emission in Tons:	11.96	5.77	597.40	89.19			

Note: VX is based on 0.33 lb VOC per ton trona ore throughput

(50) "C" Train Dryer Area (BF-84)

OPERATING PARAMETERS				
Operating Hours:	8361	Throughput:	819,929	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.93						

(51) Product Dryer #5 (EP-6)

OPERATING PARAMETERS				
Operating Hours:	8361	Throughput:	819,929	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:	678	MMSCF	1040	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT	NT	CT	VE			
Emission in Tons:	3.76	35.26	176.28	1.09			

(52) Product Silo- Top #2 (BF-79)

OPERATING PARAMETERS				
Operating Hours:	8,466	Throughput:	2,402,715	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.12						

(53) Product Silo- Bottom #2 (BF-86)

OPERATING PARAMETERS				
Operating Hours:	3482	Throughput:	2,410,478	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.78						

(54) T-200 Storage Bin (BF-103)

OPERATING PARAMETERS				
Operating Hours:	8,760	Throughput:	135,994	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.83						

(62) Carbon Bin (BF-100)

OPERATING PARAMETERS				
Operating Hours:	56	Throughput:	555	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.01						

(63) Perlite Bin (BF-101)

OPERATING PARAMETERS				
Operating Hours:	120	Throughput:	1198	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.01						

(64) Sulfite Blending #2 (BF-601)

OPERATING PARAMETERS				
Operating Hours:	176	Throughput:	252	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.01						

(65) Sulfite Blending #1 (BF-602)

OPERATING PARAMETERS				
Operating Hours:	1588	Throughput:	2268	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.02						

(66) Carbon/Perlite Scrubber (WS-2)

OPERATING PARAMETERS				
Operating Hours:	8760	Throughput:	1753	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.54						

(67) Bottom Ash (BF-42)

OPERATING PARAMETERS				
Operating Hours:	8760	Throughput:	4,230	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.06						

(68) Trona Products Bagging Silo (68)

OPERATING PARAMETERS				
Operating Hours:	185	Throughput:	4,428	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.03						

(70) Sodium Sulfite Bagging Silo (BF-206)

OPERATING PARAMETERS				
Operating Hours:	398	Throughput:	6,561	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.05						

(71) Metabisulfite Bagging Silo (71)

OPERATING PARAMETERS				
Operating Hours:	527	Throughput:	8,691	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.07						

(72) MBS Soda Ash Feed Silo (72)

OPERATING PARAMETERS				
Operating Hours:	1956	Throughput:	4,890	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.07						

(73) Metabisulfite Dryer (73)

OPERATING PARAMETERS				
Operating Hours:	5846	Throughput:	8,769	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:	7.27	MMSCF	1041	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT	NS	CS	VX	ST		
Emission in Tons:	0.18	0.38	0.15	0.03	0.70		

NOTE: VX is based on estimate of 0.01 lb NOX/hr

(76) "D" Train Primary Ore Screening

OPERATING PARAMETERS				
Operating Hours:	8559	Throughput:	2,371,036	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	10.48						

(79) Ore Transfer Point (79)

OPERATING PARAMETERS				
Operating Hours:	8559	Throughput:	2,371,036	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	3.59						

(80) "D" Ore Calciner (80)

OPERATING PARAMETERS				
Operating Hours:	7655	Throughput:	1,677,003	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:	1709	MMSCF	1040	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT	NS	CE	VX			
Emission in Tons:	34.10	44.43	2328.34	142.55			

NOTE: VX based on 0.17 lb VOC per ton trona ore throughput

(81) "D" Train Dryer Area (81)

OPERATING PARAMETERS				
Operating Hours:	8466	Throughput:	819,496	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.12						

(82) DR-6 Product Dryer

OPERATING PARAMETERS				
Operating Hours:	8466	Throughput:	819,496	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:	672	MMSCF	1040	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT	NS	CS	VE			
Emission in Tons:	9.82	52.42	24.46	1.10			

(88) Trona Products Transloading #2

OPERATING PARAMETERS				
Operating Hours:	2100	Throughput:	17,431	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.21						

(89) Bisulfite Loadout Facility

OPERATING PARAMETERS				
Operating Hours:	691	Throughput:	4,148	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:					SA		
Emission in Tons:					0.02		

(90) Blending Bag Dump #1 (Bag Dump - C)

OPERATING PARAMETERS				
Operating Hours:	819	Throughput:	91	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.02						

(91) Blending Bag Dump #2 (Bag Dump - D)

OPERATING PARAMETERS				
Operating Hours:	95	Throughput:	63	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.00						

(92) Trona Products Bin #2 (AQD #92)

OPERATING PARAMETERS				
Operating Hours:	2689	Throughput:	53,777	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.40						

(93) Trona Products Rail Loadout (AQD #93)

OPERATING PARAMETERS				
Operating Hours:	538	Throughput:	53,777	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.05						

(94) Sulfite Loadout (AQD #94)

OPERATING PARAMETERS				
Operating Hours:	525	Throughput:	39,354	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.08						

(95) Trona Products Loadout Bin (AQD #95)

OPERATING PARAMETERS				
Operating Hours:	538	Throughput:	53,777	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.03						

(96) TPX Bin #1 Baghouse (AQD #96)

OPERATING PARAMETERS				
Operating Hours:	174	Throughput:	17,431	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.02						

(97) TPX Bin #2 Baghouse (AQD #97)

OPERATING PARAMETERS				
Operating Hours:	620	Throughput:	1,549	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.03						

(98) TPX Area Baghouse (AQD #98)

OPERATING PARAMETERS				
Operating Hours:	7747	Throughput:	19,368	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	1.55						

(99) Crusher Baghouse #2 (AQD #99)

OPERATING PARAMETERS				
Operating Hours:	8,760	Throughput:	1,675,635	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	14.02						

(100) Calciner Coal Bunker (AQD #100)

OPERATING PARAMETERS				
Operating Hours:	1,969	Throughput:	102,883	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.20						

(101) Fluid Bed Dryer Baghouse (101)

OPERATING PARAMETERS				
Operating Hours:	7,615	Throughput:	95,196	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:	12.1	MMSCF	1040	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA	NA	CA	VE			
Emission in Tons:	7.62	1.90	0.76	0.04			

(102) T-200 Silos Baghouse (102)

OPERATING PARAMETERS				
Operating Hours:	649	Throughput:	129,868	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.19						

(103) East Ore Reclaim Baghouse (103)

OPERATING PARAMETERS				
Operating Hours:	8,760	Throughput:	1,675,635	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	1.45						

(104) West Ore Reclaim Baghouse (104)

OPERATING PARAMETERS				
Operating Hours:	8,760	Throughput:	1,675,635	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	1.18						

(MV) Mine Vent (MV)

OPERATING PARAMETERS				
Operating Hours:	8760	Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:			CX	VT			
Emission in Tons:			34.16	472.16			

NOTE: CX based on estimate of 7.8 pph CO

(901) Cooling Tower - High Flow (CT-1)

OPERATING PARAMETERS				
Operating Hours:	8440	Throughput:	15,000	gal/min
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX						
Emission in Tons:	15.19						

NOTE: PX based on estimate of 0.004 lb PM/Kgal

(902) Cooling Tower - Low Flow (CT-501)

OPERATING PARAMETERS				
Operating Hours:	8026	Throughput:	5,500	gal/min
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX						
Emission in Tons:	5.30						

NOTE: PX based on estimate of 0.004 lb PM/Kgal

(FRP) Emergency Fire Pump Engine (PU-76)

OPERATING PARAMETERS				
Operating Hours:	10	Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:	0.15	M Gal	140,000	BTU/Gal	0.05
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.00	0.04	0.01	0.01	0.00		

Note: Based on operating rate of 14.5 gph; PM at 0.31, NOX at 4.41, CO at 0.95, and SO2 at 0.29 lb/MMBTU

(GND) Generator Engine - (C/S Plant)

OPERATING PARAMETERS				
Operating Hours:	1	Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:	1	M Gal	140,000	BTU/Gal	0.05
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.00	0.06	0.01	0.01	0.00		

Note: Based on operating rate of 14.5 gph; PM at 0.31, NOX at 4.41, CO at 0.95, and SO2 at 0.29 lb/MMBTU

(GNS1) Steam Plant Generator Engine #1 (EG-1)

OPERATING PARAMETERS				
Operating Hours:	1	Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:	0.4	M Gal	140,000	BTU/Gal	0.05
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.00	0.05	0.01	0.01	0.00		

Note: Based on operating rate of 168 gph; PM at 0.31, NOX at 4.41, CO at 0.95, and SO2 at 0.29 lb/MMBTU

(GNS2) Steam Plant Generator Engine #2 (EG-2)

OPERATING PARAMETERS				
Operating Hours:	1	Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:	0.25	M Gal	140,000	BTU/Gal	0.05
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.00	0.05	0.01	0.01	0.00		

Note: Based on operating rate of 168 gph; PM at 0.31, NOX at 4.41, CO at 0.95, and SO2 at 0.29 lb/MMBTU

(PB) Emergency Pony Boiler (bo-pony)

OPERATING PARAMETERS				
Operating Hours:	0	Throughput:	0	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:	0	M Gal	0	BTU/Gal	0
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.00	0.00	0.00	0.00	0.00		

Note: Based on operating rate of 168 gph; PM at 0.31, NOX at 4.41, CO at 0.95, and SO2 at 0.29 lb/MMBTU

(01) Fugitive Dust - Haul Roads (FD)

OPERATING PARAMETERS				
Operating Hours:		Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX						
Emission in Tons:	5.16						

NOTE: Based on 7,585 loads of coal, 39.5 tons/load, 2 miles round trip, at 0.68 lbs/VMT.

(02A) Ore Crusher Building #1 (BF-1)

OPERATING PARAMETERS				
Operating Hours:	8784	Throughput:	2,438,586	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	7.03						

(06A) Product Silos-Top (BF-31)

OPERATING PARAMETERS				
Operating Hours:	8784	Throughput:	**128,474**	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	1.32						

(06B) Product Silos- Bottom #1 (BF-33)

OPERATING PARAMETERS				
Operating Hours:	187	Throughput:	122,735	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.05						

(07) Product Loadout Station (BF-32)

OPERATING PARAMETERS				
Operating Hours:	3744	Throughput:	2,522,814	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.25						

(10) Coal Crushing & Storage (BF-35)

OPERATING PARAMETERS				
Operating Hours:	3083	Throughput:	299,613	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.40						

(11) Coal Transfer Station (BF-39)

OPERATING PARAMETERS				
Operating Hours:	3083	Throughput:	299,613	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.32						

(14) Boiler Coal Bunker (BF-36)

OPERATING PARAMETERS				
Operating Hours:	3083	Throughput:	299,613	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.57						

(15) DR-1 & 2 Steam Tube Dryers (WS-4&5)

OPERATING PARAMETERS				
Operating Hours:	8159	Throughput:	755,359	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:	0	MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT	NS	CS	VE			
Emission in Tons:	8.53	0.0	0.0	0.0			

(16) Dryer Area (BF-24)

OPERATING PARAMETERS				
Operating Hours:	8159	Throughput:	755,359	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	3.67						

(17) "A" and "B" Calciners (EP1&2)

OPERATING PARAMETERS				
Operating Hours:	8344	Throughput:	1,566,774	Tons
NOX CEM (lb/MMBtu):	0.254	SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:	101,966	Tons	9,863	BTU/LB	0.72
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2	NH3	
Calculation Method:	PT	NV	CS	VX	ST	OT	
Emission in Tons:	31.42	255.45	1237	1159.41	4.17	9.18	

Note: VX is based on 1.48 lb VOC per ton trona ore throughput

(18) #1 Coal Fired Boiler (EP3&WS7)

OPERATING PARAMETERS				
Operating Hours:	8784	Throughput:		Tons
NOX CEM (lb/MMBtu):	0.49	SO2 CEM (lb/MMBtu):	0.02	

Fuel use is based on dedicated meter (belt scale).

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:	99,812	Tons	9,863	BTU/LB	0.72
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PS	NV	CS	VS	SV		
Emission in Tons:	9.84	482.38	49.22	1.97	19.69		

(19) #2 Coal Fired Boiler (EP4&WS8)

OPERATING PARAMETERS				
Operating Hours:	8425	Throughput:		Tons
NOX CEM (lb/MMBtu):	0.5	SO2 CEM (lb/MMBtu):		0.02

Fuel use is based on dedicated meter (belt scale).

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:	97,835	Tons	9,863	BTU/LB	0.72
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PS	NV	CS	VS	SV		
Emission in Tons:	9.65	482.47	48.25	1.93	19.30		

(24) Boiler Fly Ash Silo (BF-41)

OPERATING PARAMETERS				
Operating Hours:	8784	Throughput:	4,872	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	1.32						

(25) Alkaten Crushing (BF-54)

OPERATING PARAMETERS				
Operating Hours:	6408.579	Throughput:	243,526	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	3.20						

(26) Trona Products Dryer (BF-55)

OPERATING PARAMETERS				
Operating Hours:	8146	Throughput:	135,673	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:	6.1	MMSCF	1029	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA	NS	CS	VE			
Emission in Tons:	2.24	0.31	0.09	0.04			

(27) Trona Products Bagging and Load Out (BF-56)

OPERATING PARAMETERS				
Operating Hours:	271	Throughput:	27,131	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.07						

(30) Lime Bin #1 (BF-507)

OPERATING PARAMETERS				
Operating Hours:	320	Throughput:	11,205	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.03						

(31) Lime Bin #2 (BF-508)

OPERATING PARAMETERS				
Operating Hours:	320	Throughput:	11,205	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.03						

(33) Sulfur Burner (WS-454)

OPERATING PARAMETERS				
Operating Hours:	8592	Throughput:	17,620	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:	0.07	MMSCF	1029	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:		NT			ST		
Emission in Tons:		0.21			0.39		

(35) Sulfite Dryer (WS-455)

OPERATING PARAMETERS				
Operating Hours:	7976	Throughput:	46,637	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT						
Emission in Tons:	3.23						

(36) Sulfite Product Bin #1 (BF-503)

OPERATING PARAMETERS				
Operating Hours:	2658.667	Throughput:	15,546	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.13						

(37) Sulfite Product Bin #2 (BF-504)

OPERATING PARAMETERS				
Operating Hours:	2658.667	Throughput:	15,546	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.13						

(38) Sulfite Product Bin #3 (BF-505)

OPERATING PARAMETERS				
Operating Hours:	2659.667		15,546	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.13						

(42) CS-13 Sulfite HCL Tank Vent (TA-501)

OPERATING PARAMETERS				
Operating Hours:	3	Throughput:	68	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2	HCl Vapor	
Calculation Method:						OX	
Emission in Tons:						0.01	

NOTE: OX based on 0.15 pounds HCl vapor per ton HCl

(43) Sulfur Storage Tank (TA-501)

OPERATING PARAMETERS				
Operating Hours:	352	Throughput:	17,620	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2	OTHER	
Calculation Method:						H2S-OX	
Emission in Tons:						0.18	

NOTE: H2S-OX is based on 0.001% of sulfur throughput being emitted as H2S

(44) Lime Unloading (BF-509)

OPERATING PARAMETERS				
Operating Hours:	640	Hours	22,410	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.06						

(46) Ore Transfer Station (BF-62)

OPERATING PARAMETERS				
Operating Hours:	8784	Throughput:	2,438,586	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	3.12						

(48) "C" Calciner (EP-5)

OPERATING PARAMETERS				
Operating Hours:	3739	Throughput:	422,508	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:	432	MMSCF	1029	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT	NT	CS	VX			
Emission in Tons:	9.29	4.45	460.09	69.71			

Note: VX is based on 0.33 lb VOC per ton trona ore throughput

(50) "C" Train Dryer Area (BF-84)

OPERATING PARAMETERS				
Operating Hours:	8473	Throughput:	805,135	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.97						

(51) Product Dryer #5 (EP-6)

OPERATING PARAMETERS				
Operating Hours:	8473	Throughput:	805,135	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:	704	MMSCF	1029	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT	NT	CT	VE			
Emission in Tons:	3.81	36.22	181.10	1.10			

(52) Product Silo- Top #2 (BF-79)

OPERATING PARAMETERS				
Operating Hours:	8,473	Throughput:	2,441,008	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.12						

OPERATING PARAMETERS				
Operating Hours:	3557	Throughput:	2,400,079	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.80						

(54) T-200 Storage Bin (BF-103)

OPERATING PARAMETERS				
Operating Hours:	8,784	Throughput:	128,349	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.83						

(62) Carbon Bin (BF-100)

OPERATING PARAMETERS				
Operating Hours:	58	Throughput:	584	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.01						

(63) Perlite Bin (BF-101)

OPERATING PARAMETERS				
Operating Hours:	136	Throughput:	1362	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.01						

(64) Sulfite Blending #2 (BF-601)

OPERATING PARAMETERS				
Operating Hours:	168	Throughput:	240	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.01						

(65) Sulfite Blending #1 (BF-602)

OPERATING PARAMETERS				
Operating Hours:	1512	Throughput:	2160	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.02						

(66) Carbon/Perlite Scrubber (WS-2)

OPERATING PARAMETERS				
Operating Hours:	8784	Throughput:	1946	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.55						

(67) Bottom Ash (BF-42)

OPERATING PARAMETERS				
Operating Hours:	8784	Throughput:	4,872	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.06						

(68) Trona Products Bagging Silo (68)

OPERATING PARAMETERS				
Operating Hours:	192	Throughput:	4,600	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.03						

(70) Sodium Sulfite Bagging Silo (BF-206)

OPERATING PARAMETERS				
Operating Hours:	472	Throughput:	7,790	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.06						

(71) Metabisulfite Bagging Silo (71)

OPERATING PARAMETERS				
Operating Hours:	618	Throughput:	10,189	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.08						

(72) MBS Soda Ash Feed Silo (72)

OPERATING PARAMETERS				
Operating Hours:	2288	Throughput:	5,720	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.08						

(73) Metabisulfite Dryer (73)

OPERATING PARAMETERS				
Operating Hours:	6834	Throughput:	10,251	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:	7.98	MMSCF	1029	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT	NS	CS	VX	ST		
Emission in Tons:	0.21	0.41	0.16	0.03	0.82		

NOTE: VX is based on estimate of 0.01 lb VOC/hr

(76) "D" Train Primary Ore Screening

OPERATING PARAMETERS				
Operating Hours:	7925	Throughput:	1,603,534	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	9.71						

(79) Ore Transfer Point (79)

OPERATING PARAMETERS				
Operating Hours:	7925	Throughput:	1,603,534	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	3.33						

(80) "D" Ore Calciner (80)

OPERATING PARAMETERS				
Operating Hours:	8133	Throughput:	1,792,095	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:	1899	MMSCF	1029	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT	NS	CE	VX			
Emission in Tons:	36.23	48.85	2559.83	152.33			

NOTE: VX based on 0.17 lb VOC per ton trona ore throughput

(81) "D" Train Dryer Area (81)

OPERATING PARAMETERS				
Operating Hours:	8400	Throughput:	1,008,988	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.10						

(82) DR-6 Product Dryer

OPERATING PARAMETERS				
Operating Hours:	8400	Throughput:	1,008,988	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:	829	MMSCF	1029	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT	NS	CS	VE			
Emission in Tons:	10.67	63.98	29.86	1.09			

(88) Trona Products Transloading #2

OPERATING PARAMETERS				
Operating Hours:	2170	Throughput:	18,009	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.22						

(89) Bisulfite Loadout Facility

OPERATING PARAMETERS				
Operating Hours:	628	Throughput:	3,766	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:					SA		
Emission in Tons:					0.02		

(90) Blending Bag Dump #1 (Bag Dump - C)

OPERATING PARAMETERS				
Operating Hours:	778	Throughput:	86	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.02						

(91) Blending Bag Dump #2 (Bag Dump - D)

OPERATING PARAMETERS				
Operating Hours:	90	Throughput:	60	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.00						

(92) Trona Products Bin #2 (AQD #92)

OPERATING PARAMETERS				
Operating Hours:	3379.95	Throughput:	67,599	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.51						

(93) Trona Products Rail Loadout (AQD #93)

OPERATING PARAMETERS				
Operating Hours:	676	Throughput:	67,599	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.06						

(94) Sulfite Loadout (AQD #94)

OPERATING PARAMETERS				
Operating Hours:	453.96	Throughput:	34,047	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.07						

(95) Trona Products Loadout Bin (AQD #95)

OPERATING PARAMETERS				
Operating Hours:	676	Throughput:	67,599	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.03						

(96) TPX Bin #1 Baghouse (AQD #96)

OPERATING PARAMETERS				
Operating Hours:	180	Throughput:	18,009	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.02						

(97) TPX Bin #2 Baghouse (AQD #97)

OPERATING PARAMETERS				
Operating Hours:	640	Throughput:	1,601	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.03						

(98) TPX Area Baghouse (AQD #98)

OPERATING PARAMETERS				
Operating Hours:	8004	Throughput:	20,010	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	1.60						

(99) Crusher Baghouse #2 (AQD #99)

OPERATING PARAMETERS				
Operating Hours:	8,784	Throughput:	2,438,586	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	14.05						

(100) Calciner Coal Bunker (AQD #100)

OPERATING PARAMETERS				
Operating Hours:	1,945	Throughput:	101,966	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.19						

(101) Fluid Bed Dryer Baghouse (101)

OPERATING PARAMETERS				
Operating Hours:	7,100	Throughput:	89,844	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:	11.3	MMSCF	1029	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA	NA	CA	VE			
Emission in Tons:	7.10	1.78	0.71	0.04			

(102) T-200 Silos Baghouse (102)

OPERATING PARAMETERS				
Operating Hours:	649	Throughput:	129,868	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.19						

(103) East Ore Reclaim Baghouse (103)

OPERATING PARAMETERS				
Operating Hours:	8,784	Throughput:	1,219,293	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	1.45						

(104) West Ore Reclaim Baghouse (104)

OPERATING PARAMETERS				
Operating Hours:	8,784	Throughput:	1,219,293	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	1.19						

(MV) Mine Vent (MV)

OPERATING PARAMETERS				
Operating Hours:	8784	Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:			CX	VT			
Emission in Tons:			34.26	473.46			

NOTE: CX based on estimate of 7.8 pph CO

(901) Cooling Tower - High Flow (CT-1)

OPERATING PARAMETERS				
Operating Hours:	8265	Throughput:	15,000	gal/min
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX						
Emission in Tons:	14.88						

NOTE: PX based on estimate of 0.004 lb PM/Kgal

(902) Cooling Tower - Low Flow (CT-501)

OPERATING PARAMETERS				
Operating Hours:	7976	Throughput:	5,500	gal/min
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX						
Emission in Tons:	5.26						

NOTE: PX based on estimate of 0.004 lb PM/Kgal

(FRP) Emergency Fire Pump Engine (PU-76)

OPERATING PARAMETERS				
Operating Hours:	10	Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:	0.15	M Gal	140,000	BTU/Gal	0.05
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.00	0.04	0.01	0.01	0.00		

Note: Based on operating rate of 14.5 gph; PM at 0.31, NOX at 4.41, CO at 0.95, and SO2 at 0.29 lb/MMBTU

(GND) Generator Engine - (C/S Plant)

OPERATING PARAMETERS				
Operating Hours:	67	Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:	1	M Gal	140,000	BTU/Gal	0.05
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.28	3.99	0.86	0.45	0.26		

Note: Based on operating rate of 14.5 gph; PM at 0.31, NOX at 4.41, CO at 0.95, and SO2 at 0.29 lb/MMBTU

(GNS1) Steam Plant Generator Engine #1 (EG-1)

OPERATING PARAMETERS				
Operating Hours:	1	Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:	0.4	M Gal	140,000	BTU/Gal	0.05
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.00	0.05	0.01	0.01	0.00		

Note: Based on operating rate of 168 gph; PM at 0.31, NOX at 4.41, CO at 0.95, and SO2 at 0.29 lb/MMBTU

(GNS2) Steam Plant Generator Engine #2 (EG-2)

OPERATING PARAMETERS				
Operating Hours:	1	Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:	0.25	M Gal	140,000	BTU/Gal	0.05
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.00	0.05	0.01	0.01	0.00		

Note: Based on operating rate of 168 gph; PM at 0.31, NOX at 4.41, CO at 0.95, and SO2 at 0.29 lb/MMBTU

(PB) Emergency Pony Boiler (bo-pony)

OPERATING PARAMETERS				
Operating Hours:	0	Throughput:	0	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:	0	M Gal	0	BTU/Gal	0
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.00	0.00	0.00	0.00	0.00		

Note: Based on operating rate of 168 gph; PM at 0.31, NOX at 4.41, CO at 0.95, and SO2 at 0.29 lb/MMBTU

(01) Fugitive Dust - Haul Roads (FD)

OPERATING PARAMETERS				
Operating Hours:		Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX						
Emission in Tons:	5.44						

NOTE: Based on 7,997 loads of coal, 39.5 tons/load, 2 miles round trip, at 0.68 lbs/VMT.

(02A) Ore Crusher Building #1 (BF-1)

OPERATING PARAMETERS				
Operating Hours:	8760	Throughput:	2,095,363	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	7.01						

(06A) Product Silos-Top (BF-31)

OPERATING PARAMETERS				
Operating Hours:	8760	Throughput:	96,018	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	1.31						

(06B) Product Silos- Bottom #1 (BF-33)

OPERATING PARAMETERS				
Operating Hours:	150	Throughput:	99,901	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.04						

(07) Product Loadout Station (BF-32)

OPERATING PARAMETERS				
Operating Hours:	3744	Throughput:	2,316,345	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.25						

(10) Coal Crushing & Storage (BF-35)

OPERATING PARAMETERS				
Operating Hours:	4384	Throughput:	315,898	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.57						

(11) Coal Transfer Station (BF-39)

OPERATING PARAMETERS				
Operating Hours:	4384	Throughput:	315,898	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.46						

(14) Boiler Coal Bunker (BF-36)

OPERATING PARAMETERS				
Operating Hours:	4384	Throughput:	203,708	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.81						

(15) DR-1 & 2 Steam Tube Dryers (WS-4&5)

OPERATING PARAMETERS				
Operating Hours:	8131	Throughput:	786,186	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:	0	MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT	NS	CS	VE			
Emission in Tons:	8.50	0.0	0.0	0.0			

(16) Dryer Area (BF-24)

OPERATING PARAMETERS				
Operating Hours:	8131	Throughput:	786,186	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	3.66						

(17) "A" and "B" Calciners (EP1&2)

OPERATING PARAMETERS				
Operating Hours:	8673	Throughput:	1,773,989	Tons
NOX CEM (lb/MMBtu):	0.254	SO2 CEM (lb/MMBtu):		

Fuel use is based on belt scale.

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:	112,190	Tons	9,874	BTU/LB	0.73
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2	NH3	
Calculation Method:	PT	NV	CS	VX	ST	OT	
Emission in Tons:	62.88	281.37	1362.55	1312.75	4.34	9.54	

Note: VX is based on 1.48 lb VOC per ton trona ore throughput

(18) #1 Coal Fired Boiler (EP3&WS7)

OPERATING PARAMETERS				
Operating Hours:	8204	Throughput:		Tons
NOX CEM (lb/MMBtu):	0.504	SO2 CEM (lb/MMBtu):	0.025	

Fuel use is based on dedicated meter (belt scale).

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:	99,817	Tons	9,874	BTU/LB	0.73
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PS	NV	CS	VS	SV		
Emission in Tons:	9.86	496.74	49.28	1.97	24.64		

(19) #2 Coal Fired Boiler (EP4&WS8)

OPERATING PARAMETERS				
Operating Hours:	8550	Throughput:		Tons
NOX CEM (lb/MMBtu):	0.503	SO2 CEM (lb/MMBtu):	0.022	

Fuel use is based on dedicated meter (belt scale).

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:	103,891	Tons	9,874	BTU/LB	0.73
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PS	NV	CS	VS	SV		
Emission in Tons:	10.26	515.99	51.29	2.05	22.57		

(24) Boiler Fly Ash Silo (BF-41)

OPERATING PARAMETERS				
Operating Hours:	8760	Throughput:	5,480	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	1.31						

(25) Alkaten Crushing (BF-54)

OPERATING PARAMETERS				
Operating Hours:	7402.684	Throughput:	281,302	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	3.70						

(26) Trona Products Dryer (BF-55)

OPERATING PARAMETERS				
Operating Hours:	8259	Throughput:	48,472	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:	5.2	MMSCF	1027	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA	NS	CS	VE			
Emission in Tons:	2.27	0.27	0.08	0.04			

(27) Trona Products Bagging and Load Out (BF-56)

OPERATING PARAMETERS				
Operating Hours:	336	Throughput:	33,591	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.08						

(30) Lime Bin #1 (BF-507)

OPERATING PARAMETERS				
Operating Hours:	265	Throughput:	10,845	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.03						

(31) Lime Bin #2 (BF-508)

OPERATING PARAMETERS				
Operating Hours:	265	Throughput:	10,845	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.03						

(33) Sulfur Burner (WS-454)

OPERATING PARAMETERS				
Operating Hours:	8132	Throughput:	20,400	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:	0.07	MMSCF	1027	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:		NT			ST		
Emission in Tons:		0.20			0.37		

(35) Sulfite Dryer (WS-455)

OPERATING PARAMETERS				
Operating Hours:	8254	Throughput:	60,902	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT						
Emission in Tons:	3.34						

(36) Sulfite Product Bin #1 (BF-503)

OPERATING PARAMETERS				
Operating Hours:	2751.333	Throughput:	20,301	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.14						

(37) Sulfite Product Bin #2 (BF-504)

OPERATING PARAMETERS				
Operating Hours:	2751.333	Throughput:	20,301	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.14						

(38) Sulfite Product Bin #3 (BF-505)

OPERATING PARAMETERS				
Operating Hours:	2752.333		20,301	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.14						

(42) CS-13 Sulfite HCL Tank Vent (TA-501)

OPERATING PARAMETERS				
Operating Hours:	2	Throughput:	48	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2	HCl Vapor	
Calculation Method:						OX	
Emission in Tons:						0.00	

NOTE: OX based on 0.15 pounds HCl vapor per ton HCl

(43) Sulfur Storage Tank (TA-501)

OPERATING PARAMETERS				
Operating Hours:	408	Throughput:	20,400	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2	OTHER	
Calculation Method:						H2S-OX	
Emission in Tons:						0.20	

NOTE: H2S-OX is based on 0.001% of sulfur throughput being emitted as H2S

(44) Lime Unloading (BF-509)

OPERATING PARAMETERS				
Operating Hours:	530	Hours	21,690	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.05						

(46) Ore Transfer Station (BF-62)

OPERATING PARAMETERS				
Operating Hours:	8760	Throughput:	2,095,363	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	3.11						

(48) "C" Calciner (EP-5)

OPERATING PARAMETERS				
Operating Hours:	4420	Throughput:	443,485	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:	484	MMSCF	1027	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT	NT	CS	VX			
Emission in Tons:	10.98	4.97	514.47	73.18			

Note: VX is based on 0.33 lb VOC per ton trona ore throughput

(50) "C" Train Dryer Area (BF-84)

OPERATING PARAMETERS				
Operating Hours:	8029	Throughput:	729,938	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.81						

(51) Product Dryer #5 (EP-6)

OPERATING PARAMETERS				
Operating Hours:	8029	Throughput:	729,938	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:	649	MMSCF	1027	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT	NT	CT	VE			
Emission in Tons:	3.61	33.33	166.63	1.04			

(52) Product Silo- Top #2 (BF-79)

OPERATING PARAMETERS				
Operating Hours:	8,404	Throughput:	2,304,423	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.10						

(53) Product Silo- Bottom #2 (BF-86)

OPERATING PARAMETERS				
Operating Hours:	3594	Throughput:	2,216,444	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.81						

(54) T-200 Storage Bin (BF-103)

OPERATING PARAMETERS				
Operating Hours:	8,760	Throughput:	3,220	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.83						

(62) Carbon Bin (BF-100)

OPERATING PARAMETERS				
Operating Hours:	53	Throughput:	533	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.01						

(63) Perlite Bin (BF-101)

OPERATING PARAMETERS				
Operating Hours:	146	Throughput:	1458	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.01						

(64) Sulfite Blending #2 (BF-601)

OPERATING PARAMETERS				
Operating Hours:	109	Throughput:	155	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.00						

(65) Sulfite Blending #1 (BF-602)

OPERATING PARAMETERS				
Operating Hours:	979	Throughput:	1398	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.01						

(66) Carbon/Perlite Scrubber (WS-2)

OPERATING PARAMETERS				
Operating Hours:	8760	Throughput:	1991	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.54						

(67) Bottom Ash (BF-42)

OPERATING PARAMETERS				
Operating Hours:	8760	Throughput:	5,480	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.06						

(68) Trona Products Bagging Silo (68)

OPERATING PARAMETERS				
Operating Hours:	130	Throughput:	3,120	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.02						

(70) Sodium Sulfite Bagging Silo (BF-206)

OPERATING PARAMETERS				
Operating Hours:	383	Throughput:	6,327	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.05						

(71) Metabisulfite Bagging Silo (71)

OPERATING PARAMETERS				
Operating Hours:	430	Throughput:	7,102	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.06						

(72) MBS Soda Ash Feed Silo (72)

OPERATING PARAMETERS				
Operating Hours:	1584	Throughput:	3,960	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.06						

(73) Metabisulfite Dryer (73)

OPERATING PARAMETERS				
Operating Hours:	6172	Throughput:	7,102	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:	7.44	MMSCF	1027	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT	NS	CS	VX	ST		
Emission in Tons:	0.19	0.38	0.15	0.03	0.74		

NOTE: VX is based on estimate of 0.01 lb VOC/hr

(76) "D" Train Primary Ore Screening

OPERATING PARAMETERS				
Operating Hours:	8680	Throughput:	1,655,777	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	10.63						

(79) Ore Transfer Point (79)

OPERATING PARAMETERS				
Operating Hours:	8680	Throughput:	1,655,777	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	3.65						

(80) "D" Ore Calciner (80)

OPERATING PARAMETERS				
Operating Hours:	6254	Throughput:	1,300,723	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:	1347	MMSCF	1027	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT	NS	CE	VX			
Emission in Tons:	27.86	34.58	1812.21	110.56			

NOTE: VX based on 0.17 lb VOC per ton trona ore throughput

(81) "D" Train Dryer Area (81)

OPERATING PARAMETERS				
Operating Hours:	8098	Throughput:	884,317	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.02						

(82) DR-6 Product Dryer

OPERATING PARAMETERS				
Operating Hours:	8098	Throughput:	884,317	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:	727	MMSCF	1027	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT	NS	CS	VE			
Emission in Tons:	10.28	56.00	26.13	1.05			

(88) Trona Products Transloading #2

OPERATING PARAMETERS				
Operating Hours:	1101	Throughput:	9,136	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.11						

(89) Bisulfite Loadout Facility

OPERATING PARAMETERS				
Operating Hours:	447	Throughput:	2,680	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:					SA		
Emission in Tons:					0.02		

(90) Blending Bag Dump #1 (Bag Dump - C)

OPERATING PARAMETERS				
Operating Hours:	503	Throughput:	56	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.01						

(91) Blending Bag Dump #2 (Bag Dump - D)

OPERATING PARAMETERS				
Operating Hours:	58	Throughput:	39	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.00						

(92) Trona Products Bin #2 (AQD #92)

OPERATING PARAMETERS				
Operating Hours:	3760.55	Throughput:	75,211	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.56						

(93) Trona Products Rail Loadout (AQD #93)

OPERATING PARAMETERS				
Operating Hours:	752	Throughput:	75,211	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.06						

(94) Sulfite Loadout (AQD #94)

OPERATING PARAMETERS				
Operating Hours:	707	Throughput:	53,022	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.11						

(95) Trona Products Loadout Bin (AQD #95)

OPERATING PARAMETERS				
Operating Hours:	752	Throughput:	75,211	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.04						

(96) TPX Bin #1 Baghouse (AQD #96)

OPERATING PARAMETERS				
Operating Hours:	91	Throughput:	9,096	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.01						

(97) TPX Bin #2 Baghouse (AQD #97)

OPERATING PARAMETERS				
Operating Hours:	333	Throughput:	833	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.02						

(98) TPX Area Baghouse (AQD #98)

OPERATING PARAMETERS				
Operating Hours:	4060.4	Throughput:	10,151	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.81						

(99) Crusher Baghouse #2 (AQD #99)

OPERATING PARAMETERS				
Operating Hours:	8,760	Throughput:	2,095,363	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	14.02						

(100) Calciner Coal Bunker (AQD #100)

OPERATING PARAMETERS				
Operating Hours:	2,021	Throughput:	112,190	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.20						

(101) Fluid Bed Dryer Baghouse (101)

OPERATING PARAMETERS				
Operating Hours:	7,100	Throughput:	113,102	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:	10.6	MMSCF	1027	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA	NA	CA	VE			
Emission in Tons:	7.10	1.78	0.71	0.04			

(102) T-200 Silos Baghouse (102)

OPERATING PARAMETERS				
Operating Hours:	785	Throughput:	157,024	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.24						

(103) East Ore Reclaim Baghouse (103)

OPERATING PARAMETERS				
Operating Hours:	8,760	Throughput:	1,047,682	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	1.45						

(104) West Ore Reclaim Baghouse (104)

OPERATING PARAMETERS				
Operating Hours:	8,760	Throughput:	1,047,682	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	1.18						

(105) SAS Dryer #1 Baghouse

OPERATING PARAMETERS				
Operating Hours:	0	Throughput:	0	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.00						

(106) SAS -300 Silo and Rail Loadout Baghouse

OPERATING PARAMETERS				
Operating Hours:	0	Throughput:	0	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.00						

(MV) Mine Vent (MV)

OPERATING PARAMETERS				
Operating Hours:	8760	Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:			CX	VT			
Emission in Tons:			34.16	472.16			

NOTE: CX based on estimate of 7.8 pph CO

(901) Cooling Tower - High Flow (CT-1)

OPERATING PARAMETERS				
Operating Hours:	8209	Throughput:	15,000	gal/min
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX						
Emission in Tons:	14.78						

NOTE: PX based on estimate of 0.004 lb PM/Kgal

(902) Cooling Tower - Low Flow (CT-501)

OPERATING PARAMETERS				
Operating Hours:	8254	Throughput:	5,500	gal/min
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX						
Emission in Tons:	5.45						

NOTE: PX based on estimate of 0.004 lb PM/Kgal

(FRP) Emergency Fire Pump Engine (PU-76)

OPERATING PARAMETERS				
Operating Hours:	10	Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:	0.15	M Gal	140,000	BTU/Gal	0.05
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.00	0.04	0.01	0.01	0.00		

Note: Based on operating rate of 14.5 gph; PM at 0.31, NOX at 4.41, CO at 0.95, and SO2 at 0.29 lb/MMBTU

(GND) Generator Engine - (C/S Plant)

OPERATING PARAMETERS				
Operating Hours:	41	Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:	8	M Gal	140,000	BTU/Gal	0.05
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.17	2.44	0.53	0.28	0.16		

Note: Based on operating rate of 14.5 gph; PM at 0.31, NOX at 4.41, CO at 0.95, and SO2 at 0.29 lb/MMBTU

(GNS1) Steam Plant Generator Engine #1 (EG-1)

OPERATING PARAMETERS				
Operating Hours:	26	Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:	4.4	M Gal	140,000	BTU/Gal	0.05
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.09	1.35	0.29	0.15	0.09		

Note: Based on operating rate of 168 gph; PM at 0.31, NOX at 4.41, CO at 0.95, and SO2 at 0.29 lb/MMBTU

(GNS2) Steam Plant Generator Engine #2 (EG-2)

OPERATING PARAMETERS				
Operating Hours:	34	Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:	5.7	M Gal	140,000	BTU/Gal	0.05
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.12	1.76	0.38	0.20	0.12		

Note: Based on operating rate of 168 gph; PM at 0.31, NOX at 4.41, CO at 0.95, and SO2 at 0.29 lb/MMBTU

(PB) Emergency Pony Boiler (bo-pony)

OPERATING PARAMETERS				
Operating Hours:	0	Throughput:	0	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:	0	M Gal	0	BTU/Gal	0
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.00	0.00	0.00	0.00	0.00		

Note: Based on operating rate of 168 gph; PM at 0.31, NOX at 4.41, CO at 0.95, and SO2 at 0.29 lb/MMBTU

(E1) Diesel Pump

OPERATING PARAMETERS				
Operating Hours:	0	Throughput:	0	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:	0	M Gal	0	BTU/Gal	0
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.00	0.00	0.00	0.00	0.00		

(E1) Caterpillar 3306 (GVBH2)

OPERATING PARAMETERS				
Operating Hours:	1534	Throughput:	0	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.00	0.25	0.25	0.12	0.00		

(E2) Zenith 520-4

OPERATING PARAMETERS				
Operating Hours:	3880	Throughput:	0	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.00	0.01	0.03	0.26	0.00		

OPERATING PARAMETERS				
Operating Hours:		Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX						
Emission in Tons:	5.39						

NOTE: Based on 7,997 loads of coal, 39.5 tons/load, 2 miles round trip, at 0.68 lbs/VMT.

(02A) Ore Crusher Building #1 (BF-1)

OPERATING PARAMETERS				
Operating Hours:	8760	Throughput:	1,718,011	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	7.01						

(06A) Product Silos-Top (BF-31)

OPERATING PARAMETERS				
Operating Hours:	8760	Throughput:	127,374	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	1.31						

(06B) Product Silos- Bottom #1 (BF-33)

OPERATING PARAMETERS				
Operating Hours:	187	Throughput:	131,979	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.05						

(07) Product Loadout Station (BF-32)

OPERATING PARAMETERS				
Operating Hours:	3744	Throughput:	2,522,504	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.25						

(10) Coal Crushing & Storage (BF-35)

OPERATING PARAMETERS				
Operating Hours:	4346	Throughput:	312,838	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.56						

(11) Coal Transfer Station (BF-39)

OPERATING PARAMETERS				
Operating Hours:	4346	Throughput:	312,838	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.46						

(14) Boiler Coal Bunker (BF-36)

OPERATING PARAMETERS				
Operating Hours:	2303	Throughput:	211,671	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.43						

(15) DR-1 & 2 Steam Tube Dryers (WS-4&5)

OPERATING PARAMETERS				
Operating Hours:	8392	Throughput:	771,037	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:	0	MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT	NS	CS	VE			
Emission in Tons:	8.77	0.0	0.0	0.0			

(16) Dryer Area (BF-24)

OPERATING PARAMETERS				
Operating Hours:	8392	Throughput:	771,037	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	3.78						

(17) "A" and "B" Calciners (EP1&2)

OPERATING PARAMETERS				
Operating Hours:	8276	Throughput:	1,439,276	Tons
NOX CEM (lb/MMBtu):	0.229	SO2 CEM (lb/MMBtu):		

Fuel use is based on belt scale.

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:	101,167	Tons	9,882	BTU/LB	0.72
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2	NH3	
Calculation Method:	PT	NV	CS	VX	ST	OT	
Emission in Tons:	60.00	228.94	1229.671	1065.06	4.14	9.10	

Note: VX is based on 1.48 lb VOC per ton trona ore throughput

(18) #1 Coal Fired Boiler (EP3&WS7)

OPERATING PARAMETERS				
Operating Hours:	8387	Throughput:		Tons
NOX CEM (lb/MMBtu):	0.423	SO2 CEM (lb/MMBtu):	0.019	

Fuel use is based on dedicated meter (belt scale).

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:	105,264	Tons	9,882	BTU/LB	0.72
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PS	NV	CS	VS	SV		
Emission in Tons:	10.40	440.01	52.01	2.08	19.76		

(19) #2 Coal Fired Boiler (EP4&WS8)

OPERATING PARAMETERS				
Operating Hours:	8477	Throughput:		Tons
NOX CEM (lb/MMBtu):	0.478	SO2 CEM (lb/MMBtu):	0.018	

Fuel use is based on dedicated meter (belt scale).

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:	106,407	Tons	9,882	BTU/LB	0.72
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PS	NV	CS	VS	SV		
Emission in Tons:	10.52	502.62	52.58	2.10	18.93		

(24) Boiler Fly Ash Silo (BF-41)

OPERATING PARAMETERS				
Operating Hours:	8760	Throughput:	5,726	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	1.31						

(25) Alkaten Crushing (BF-54)

OPERATING PARAMETERS				
Operating Hours:	8064.947	Throughput:	306,468	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	4.03						

(26) Trona Products Dryer (BF-55)

OPERATING PARAMETERS				
Operating Hours:	7998	Throughput:	47,058	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:	8.1	MMSCF	1019	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA	NS	CS	VE			
Emission in Tons:	2.20	0.41	0.12	0.04			

(27) Trona Products Bagging and Load Out (BF-56)

OPERATING PARAMETERS				
Operating Hours:	233	Throughput:	23,343	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.06						

(30) Lime Bin #1 (BF-507)

OPERATING PARAMETERS				
Operating Hours:	157	Throughput:	9,880	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.02						

(31) Lime Bin #2 (BF-508)

OPERATING PARAMETERS				
Operating Hours:	158	Throughput:	9,880	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.02						

(33) Sulfur Burner (WS-454)

OPERATING PARAMETERS				
Operating Hours:	8664	Throughput:	18,970	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:	0.07	MMSCF	1019	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:		NT			ST		
Emission in Tons:		0.22			0.39		

(35) Sulfite Dryer (WS-455)

OPERATING PARAMETERS				
Operating Hours:	8278	Throughput:	58,033	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT						
Emission in Tons:	3.35						

(36) Sulfite Product Bin #1 (BF-503)

OPERATING PARAMETERS				
Operating Hours:	2759.333	Throughput:	19,344	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.14						

(37) Sulfite Product Bin #2 (BF-504)

OPERATING PARAMETERS				
Operating Hours:	2759.333	Throughput:	19,344	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.14						

(38) Sulfite Product Bin #3 (BF-505)

OPERATING PARAMETERS				
Operating Hours:	2760.333		19,344	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.14						

(42) CS-13 Sulfite HCL Tank Vent (TA-501)

OPERATING PARAMETERS				
Operating Hours:	2	Throughput:	48	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2	HCl Vapor	
Calculation Method:						OX	
Emission in Tons:						0.00	

NOTE: OX based on 0.15 pounds HCl vapor per ton HCl

(43) Sulfur Storage Tank (TA-501)

OPERATING PARAMETERS				
Operating Hours:	379	Throughput:	18,970	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2	OTHER	
Calculation Method:						H2S-OX	
Emission in Tons:						0.19	

NOTE: H2S-OX is based on 0.001% of sulfur throughput being emitted as H2S

(44) Lime Unloading (BF-509)

OPERATING PARAMETERS				
Operating Hours:	315	Hours	19,760	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.03						

(46) Ore Transfer Station (BF-62)

OPERATING PARAMETERS				
Operating Hours:	8760	Throughput:	1,718,011	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	3.11						

(48) "C" Calciner (EP-5)

OPERATING PARAMETERS				
Operating Hours:	3853	Throughput:	476,594	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:	463	MMSCF	1019	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT	NT	CS	VX			
Emission in Tons:	9.57	4.72	488.31	78.64			

Note: VX is based on 0.33 lb VOC per ton trona ore throughput

(50) "C" Train Dryer Area (BF-84)

OPERATING PARAMETERS				
Operating Hours:	8432	Throughput:	812,220	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.95						

(51) Product Dryer #5 (EP-6)

OPERATING PARAMETERS				
Operating Hours:	8432	Throughput:	812,220	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:	697	MMSCF	1019	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT	NT	CT	VE			
Emission in Tons:	3.79	35.51	177.56	1.10			

(52) Product Silo- Top #2 (BF-79)

OPERATING PARAMETERS				
Operating Hours:	8,539	Throughput:	2,420,111	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.13						

(53) Product Silo- Bottom #2 (BF-86)

OPERATING PARAMETERS				
Operating Hours:	3557	Throughput:	2,390,525	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.80						

(54) T-200 Storage Bin (BF-103)

OPERATING PARAMETERS				
Operating Hours:	8,760	Throughput:	6,943	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.83						

(62) Carbon Bin (BF-100)

OPERATING PARAMETERS				
Operating Hours:	59	Throughput:	592	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.01						

(63) Perlite Bin (BF-101)

OPERATING PARAMETERS				
Operating Hours:	126	Throughput:	1258	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.01						

(64) Sulfite Blending #2 (BF-601)

OPERATING PARAMETERS				
Operating Hours:	111	Throughput:	159	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.00						

(65) Sulfite Blending #1 (BF-602)

OPERATING PARAMETERS				
Operating Hours:	1002.4	Throughput:	1432	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.02						

(66) Carbon/Perlite Scrubber (WS-2)

OPERATING PARAMETERS				
Operating Hours:	8760	Throughput:	1850	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.54						

(67) Bottom Ash (BF-42)

OPERATING PARAMETERS				
Operating Hours:	8760	Throughput:	5,726	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.06						

(68) Trona Products Bagging Silo (68)

OPERATING PARAMETERS				
Operating Hours:	120	Throughput:	2,871	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.02						

(70) Sodium Sulfite Bagging Silo (BF-206)

OPERATING PARAMETERS				
Operating Hours:	327	Throughput:	5,403	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.04						

(71) Metabisulfite Bagging Silo (71)

OPERATING PARAMETERS				
Operating Hours:	350	Throughput:	5,773	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.05						

(72) MBS Soda Ash Feed Silo (72)

OPERATING PARAMETERS				
Operating Hours:	1288	Throughput:	3,220	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.05						

(73) Metabisulfite Dryer (73)

OPERATING PARAMETERS				
Operating Hours:	3848.667	Throughput:	5,773	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:	6.84	MMSCF	1019	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT	NS	CS	VX	ST		
Emission in Tons:	0.12	0.35	0.14	0.02	0.46		

NOTE: VX is based on estimate of 0.01 lb VOC/hr

(76) "D" Train Primary Ore Screening

OPERATING PARAMETERS				
Operating Hours:	8343	Throughput:	2,367,952	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	10.22						

(79) Ore Transfer Point (79)

OPERATING PARAMETERS				
Operating Hours:	8343	Throughput:	2,367,952	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	3.50						

(80) "D" Ore Calciner (80)

OPERATING PARAMETERS				
Operating Hours:	8099	Throughput:	1,814,177	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:	1788	MMSCF	1019	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT	NS	CE	VX			
Emission in Tons:	36.08	45.55	2386.78	154.21			

NOTE: VX based on 0.17 lb VOC per ton trona ore throughput

(81) "D" Train Dryer Area (81)

OPERATING PARAMETERS				
Operating Hours:	8539	Throughput:	964,228	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.13						

(82) DR-6 Product Dryer

OPERATING PARAMETERS				
Operating Hours:	8539	Throughput:	964,228	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:	778	MMSCF	1019	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT	NS	CS	VE			
Emission in Tons:	10.84	59.46	27.75	1.11			

(88) Trona Products Transloading #2

OPERATING PARAMETERS				
Operating Hours:	1248	Throughput:	41,824	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.12						

(88b) Trona Products Transloading #3

OPERATING PARAMETERS				
Operating Hours:	0	Throughput:	0	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.00						

(89) Bisulfite Loadout Facility

OPERATING PARAMETERS				
Operating Hours:	386	Throughput:	2,387	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:					SA		
Emission in Tons:					0.01		

(90) Blending Bag Dump #1 (Bag Dump - C)

OPERATING PARAMETERS				
Operating Hours:	516	Throughput:	57	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.01						

(91) Blending Bag Dump #2 (Bag Dump - D)

OPERATING PARAMETERS				
Operating Hours:	60	Throughput:	40	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.00						

(92) Trona Products Bin #2 (AQD #92)

OPERATING PARAMETERS				
Operating Hours:	4182.4	Throughput:	83,648	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.63						

(93) Trona Products Rail Loadout (AQD #93)

OPERATING PARAMETERS				
Operating Hours:	836	Throughput:	83,648	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.07						

(94) Sulfite Loadout (AQD #94)

OPERATING PARAMETERS				
Operating Hours:	659	Throughput:	49,448	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.10						

(95) Trona Products Loadout Bin (AQD #95)

OPERATING PARAMETERS				
Operating Hours:	836	Throughput:	83,648	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.04						

(96) TPX Bin #1 Baghouse (AQD #96)

OPERATING PARAMETERS				
Operating Hours:	0	Throughput:	0	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.00						

(97) TPX Bin #2 Baghouse (AQD #97)

OPERATING PARAMETERS				
Operating Hours:	0	Throughput:	0	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.00						

(98) TPX Area Baghouse (AQD #98)

OPERATING PARAMETERS				
Operating Hours:	49	Throughput:	1,731	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.01						

(99) Crusher Baghouse #2 (AQD #99)

OPERATING PARAMETERS				
Operating Hours:	8,760	Throughput:	1,718,011	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	14.02						

(100) Calciner Coal Bunker (AQD #100)

OPERATING PARAMETERS				
Operating Hours:	2,043	Throughput:	101,167	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.20						

(101) Fluid Bed Dryer Baghouse (101)

OPERATING PARAMETERS				
Operating Hours:	8,198	Throughput:	109,801	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:	11.9	MMSCF	1019	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA	NA	CA	VE			
Emission in Tons:	8.20	2.05	0.82	0.04			

(102) T-200 Silos Baghouse (102)

OPERATING PARAMETERS				
Operating Hours:	739	Throughput:	147,839	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.22						

(103) East Ore Reclaim Baghouse (103)

OPERATING PARAMETERS				
Operating Hours:	8,760	Throughput:	859,006	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	1.45						

(104) West Ore Reclaim Baghouse (104)

OPERATING PARAMETERS				
Operating Hours:	8,760	Throughput:	859,006	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	1.18						

(105) SAS Dryer #1 Baghouse

OPERATING PARAMETERS				
Operating Hours:	2,134	Throughput:	15,290	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.47						

(106) SAS -300 Silo and Rail Loadout Baghouse

OPERATING PARAMETERS				
Operating Hours:	49	Throughput:	13,559	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.00						

(MV) Mine Vent (MV)

OPERATING PARAMETERS				
Operating Hours:	8760	Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:			CX	VT			
Emission in Tons:			34.16	472.16			

NOTE: CX based on estimate of 7.8 pph CO

(901) Cooling Tower - High Flow (CT-1)

OPERATING PARAMETERS				
Operating Hours:	8317	Throughput:	15,000	gal/min
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX						
Emission in Tons:	14.97						

NOTE: PX based on estimate of 0.004 lb PM/Kgal

(902) Cooling Tower - Low Flow (CT-501)

OPERATING PARAMETERS				
Operating Hours:	8278	Throughput:	5,500	gal/min
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX						
Emission in Tons:	5.46						

NOTE: PX based on estimate of 0.004 lb PM/Kgal

(FRP) Emergency Fire Pump Engine (PU-76)

OPERATING PARAMETERS				
Operating Hours:	20	Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:	0.3	M Gal	140,000	BTU/Gal	0.05
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.01	0.09	0.02	0.01	0.01		

Note: Based on operating rate of 14.5 gph; PM at 0.31, NOX at 4.41, CO at 0.95, and SO2 at 0.29 lb/MMBTU

(GND) Generator Engine - (C/S Plant)

OPERATING PARAMETERS				
Operating Hours:	3	Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:	8	M Gal	140,000	BTU/Gal	0.05
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.01	0.18	0.04	0.02	0.01		

Note: Based on operating rate of 14.5 gph; PM at 0.31, NOX at 4.41, CO at 0.95, and SO2 at 0.29 lb/MMBTU

(GNS1) Steam Plant Generator Engine #1 (EG-1)

OPERATING PARAMETERS				
Operating Hours:	72	Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:	12.2	M Gal	140,000	BTU/Gal	0.05
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.26	3.73	0.80	0.42	0.25		

Note: Based on operating rate of 168 gph; PM at 0.31, NOX at 4.41, CO at 0.95, and SO2 at 0.29 lb/MMBTU

(GNS2) Steam Plant Generator Engine #2 (EG-2)

OPERATING PARAMETERS				
Operating Hours:	72	Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:	12.2	M Gal	140,000	BTU/Gal	0.05
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.26	3.73	0.80	0.42	0.25		

Note: Based on operating rate of 168 gph; PM at 0.31, NOX at 4.41, CO at 0.95, and SO2 at 0.29 lb/MMBTU

(PB) Emergency Pony Boiler (bo-pony)

OPERATING PARAMETERS				
Operating Hours:	0	Throughput:	0	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:	0	M Gal	0	BTU/Gal	0
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.00	0.00	0.00	0.00	0.00		

Note: Based on operating rate of 168 gph; PM at 0.31, NOX at 4.41, CO at 0.95, and SO2 at 0.29 lb/MMBTU

(E1) Diesel Pump

OPERATING PARAMETERS				
Operating Hours:	0	Throughput:	0	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:	0	M Gal	0	BTU/Gal	0
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.00	0.00	0.00	0.00	0.00		

(E1) Caterpillar 3306 (GVBH2)

OPERATING PARAMETERS				
Operating Hours:	0	Throughput:	0	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.00	0.00	0.00	0.00	0.00		

(E2) Zenith 520-4

OPERATING PARAMETERS				
Operating Hours:	1056	Throughput:	0	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.00	0.01	0.00	0.11	0.00		

(E3) Waukesha F18GSI

OPERATING PARAMETERS				
Operating Hours:	0	Throughput:	0	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.00	0.00	0.00	0.00	0.00		

(E4) GM 8.5L Engine

OPERATING PARAMETERS				
Operating Hours:	3916	Throughput:	0	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.00	0.02	0.02	0.02	0.00		

(E5) GM 4.3L Engine

OPERATING PARAMETERS				
Operating Hours:	0	Throughput:	0	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.00	0.00	0.00	0.00	0.00		

OPERATING PARAMETERS				
Operating Hours:	3700	Throughput:	0	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:	200	MMSCF	900	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.00	5.40	3.15	0.72	0.00		

TOTALS

Do Not Distribute, Forward or Reproduce Without Express Approval of Solvay Counsel

(01) Fugitive Dust - Haul Roads (FD)

OPERATING PARAMETERS				
Operating Hours:		Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX						
Emission in Tons:	4.23						

NOTE: Based on 6222 loads of coal, 39.5 tons/load, 2 miles round trip, at 0.68 lbs/VMT.

(02A) Ore Crusher Building #1 (BF-1)

OPERATING PARAMETERS				
Operating Hours:	8760	Throughput:	2,074,199	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	7.01						

(06A) Product Silos-Top (BF-31)

OPERATING PARAMETERS				
Operating Hours:	8760	Throughput:	**148,728**	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	1.31						

(06B) Product Silos- Bottom #1 (BF-33)

OPERATING PARAMETERS				
Operating Hours:	225	Throughput:	172,865	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.06						

(07) Product Loadout Station (BF-32)

OPERATING PARAMETERS				
Operating Hours:	3744	Throughput:	2,801,210	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.25						

(10) Coal Crushing & Storage (BF-35)

OPERATING PARAMETERS				
Operating Hours:	1670	Throughput:	250,095	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.22						

(11) Coal Transfer Station (BF-39)

OPERATING PARAMETERS				
Operating Hours:	1670	Throughput:	250,095	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.18						

(14) Boiler Coal Bunker (BF-36)

OPERATING PARAMETERS				
Operating Hours:	1670	Throughput:	250,095	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.31						

(15) DR-1 & 2 Steam Tube Dryers (WS-4&5)

OPERATING PARAMETERS				
Operating Hours:	8364	Throughput:	967,105	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:	0	MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT	NS	CS	VE			
Emission in Tons:	8.74	0.0	0.0	0.0			

(16) Dryer Area (BF-24)

OPERATING PARAMETERS				
Operating Hours:	8364	Throughput:	967,105	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	3.76						

(17) "A" and "B" Calciners (EP1&2)

OPERATING PARAMETERS				
Operating Hours:	8507	Throughput:	1,202,621	Tons
NOX CEM (lb/MMBtu):	0.249	SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:	507	MMSCF	1044	BTU/SCF	
Coal:	47,086	Tons	10,032	BTU/LB	0.64
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2	NH3	
Calculation Method:	PT	NT	CS	VX	ST	OT	
Emission in Tons:	31.82	134.89	906.5355	889.94	1.41	11.54	

Note: VX is based on 1.48 lb VOC per ton trona ore throughput

(18) #1 Coal Fired Boiler (EP3&WS7)

OPERATING PARAMETERS				
Operating Hours:	8664	Throughput:		Tons
NOX CEM (lb/MMBtu):	0.54	SO2 CEM (lb/MMBtu):	0.04	

Fuel use is based on dedicated meter (belt scale).

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:	101,911	Tons	10,032	BTU/LB	0.64
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PS	NV	CS	VS	SV		
Emission in Tons:	10.22	552.08	51.12	2.04	40.89		

(19) #2 Coal Fired Boiler (EP4&WS8)

OPERATING PARAMETERS				
Operating Hours:	8590	Throughput:		Tons
NOX CEM (lb/MMBtu):	0.47	SO2 CEM (lb/MMBtu):	0.02	

Fuel use is based on dedicated meter (belt scale).

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:	101,098	Tons	10,032	BTU/LB	0.64
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PS	NV	CS	VS	SV		
Emission in Tons:	10.14	476.68	50.71	2.03	20.28		

(24) Boiler Fly Ash Silo (BF-41)

OPERATING PARAMETERS				
Operating Hours:	8760	Throughput:	4,273	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	1.31						

(25) Alkaten Crushing (BF-54)

OPERATING PARAMETERS				
Operating Hours:	4675	Throughput:	177,663	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.34						

(26) Trona Products Dryer (BF-55)

OPERATING PARAMETERS				
Operating Hours:	8545	Throughput:	100,804	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:	3.8	MMSCF	1044	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA	NS	CS	VE			
Emission in Tons:	2.35	0.20	0.06	0.04			

(27) Trona Products Bagging and Load Out (BF-56)

OPERATING PARAMETERS				
Operating Hours:	307	Throughput:	30,662	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.08						

(28) DR-4 Fluid Bed Product Dryer (WS-10)

OPERATING PARAMETERS				
Operating Hours:	0	Throughput:	0	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT						
Emission in Tons:	0.00						

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(30) Lime Bin #1 (BF-507)

OPERATING PARAMETERS				
Operating Hours:	176	Throughput:	11,930	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.02						

(31) Lime Bin #2 (BF-508)

OPERATING PARAMETERS				
Operating Hours:	176	Throughput:	11,930	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.02						

(33) Sulfur Burner (WS-454)

OPERATING PARAMETERS				
Operating Hours:	8424	Throughput:	17,950	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:	0.06	MMSCF	1044	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:		NT			ST		
Emission in Tons:		0.21			0.38		

(35) Sulfite Dryer (WS-455)

OPERATING PARAMETERS				
Operating Hours:	7552	Throughput:	46,113	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:	1	MMSCF	1044	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT						
Emission in Tons:	3.06						

(36) Sulfite Product Bin #1 (BF-503)

OPERATING PARAMETERS				
Operating Hours:	2517.333	Throughput:	15,371	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.13						

(37) Sulfite Product Bin #2 (BF-504)

OPERATING PARAMETERS				
Operating Hours:	2517.333	Throughput:	15,371	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.13						

(38) Sulfite Product Bin #3 (BF-505)

OPERATING PARAMETERS				
Operating Hours:	2517.333		15,371	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.13						

(42) CS-13 Sulfite HCL Tank Vent (TA-501)

OPERATING PARAMETERS				
Operating Hours:	2	Throughput:	46	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2	HCl Vapor	
Calculation Method:						OX	
Emission in Tons:						0.00	

NOTE: OX based on 0.15 pounds HCl vaopr per ton HCl

(43) Sulfur Storage Tank (TA-501)

OPERATING PARAMETERS				
Operating Hours:	359	Throughput:	17,950	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2	OTHER	
Calculation Method:						H2S-OX	
Emission in Tons:						0.18	

NOTE: H2S-OX is based on 0.001% of sulfur throughput being emitted as H2S

(44) Lime Unloading (BF-509)

OPERATING PARAMETERS				
Operating Hours:	352	Hours	23,860	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.03						

(45) Trona Products Transloading (BF-53)

OPERATING PARAMETERS				
Operating Hours:	0	Throughput:	0	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.00						

(46) Ore Transfer Station (BF-62)

OPERATING PARAMETERS				
Operating Hours:	8760	Throughput:	2,074,199	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	3.11						

(48) "C" Calciner (EP-5)

OPERATING PARAMETERS				
Operating Hours:	7580	Throughput:	1,046,548	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:	1004	MMSCF	1044	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT	NT	CS	VX			
Emission in Tons:	18.84	10.48	1084.86	172.68			

Note: VX is based on 0.33 lb VOC per ton trona ore throughput

(50) "C" Train Dryer Area (BF-84)

OPERATING PARAMETERS				
Operating Hours:	8027	Throughput:	722,311	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.81						

(51) Product Dryer #5 (EP-6)

OPERATING PARAMETERS				
Operating Hours:	8027	Throughput:	722,311	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:	609	MMSCF	1044	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT	NT	CT	VE			
Emission in Tons:	3.61	31.79	158.95	1.04			

(52) Product Silo- Top #2 (BF-79)

OPERATING PARAMETERS				
Operating Hours:	8,717	Throughput:	2,330,072	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.18						

(53) Product Silo- Bottom #2 (BF-86)

OPERATING PARAMETERS				
Operating Hours:	3519	Throughput:	2,628,345	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.79						

(54) T-200 Storage Bin (BF-103)

OPERATING PARAMETERS				
Operating Hours:	6,733	Throughput:	89,551	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.64						

(55) West Recycle/Reclaim (BF-87)

OPERATING PARAMETERS				
Operating Hours:	0	Throughput:	0	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.00						

(62) Carbon Bin (BF-100)

OPERATING PARAMETERS				
Operating Hours:	65	Throughput:	649	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.01						

(63) Perlite Bin (BF-101)

OPERATING PARAMETERS				
Operating Hours:	134	Throughput:	1342	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.01						

(64) Sulfite Blending #2 (BF-601)

OPERATING PARAMETERS				
Operating Hours:	188	Throughput:	269	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.01						

(65) Sulfite Blending #1 (BF-602)

OPERATING PARAMETERS				
Operating Hours:	1691	Throughput:	2416	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.03						

(66) Carbon/Perlite Scrubber (WS-2)

OPERATING PARAMETERS				
Operating Hours:	8760	Throughput:	1991	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.54						

(67) Bottom Ash (BF-42)

OPERATING PARAMETERS				
Operating Hours:	8760	Throughput:	4,273	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.06						

(68) Trona Products Bagging Silo (68)

OPERATING PARAMETERS				
Operating Hours:	158	Throughput:	3,793	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.03						

(70) Sodium Sulfite Bagging Silo (BF-206)

OPERATING PARAMETERS				
Operating Hours:	456	Throughput:	7,522	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.06						

(71) Metabisulfite Bagging Silo (71)

OPERATING PARAMETERS				
Operating Hours:	614	Throughput:	10,127	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.08						

(72) MBS Soda Ash Feed Silo (72)

OPERATING PARAMETERS				
Operating Hours:	2272	Throughput:	5,680	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.08						

(73) Metabisulfite Dryer (73)

OPERATING PARAMETERS				
Operating Hours:	6783	Throughput:	10,174	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:	7.41	MMSCF	1044	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT	NS	CS	VX	ST		
Emission in Tons:	0.20	0.39	0.15	0.03	0.81		

NOTE: VX is based on estimate of 0.01 lb NOX/hr

OPERATING PARAMETERS				
Operating Hours:	7684	Throughput:	1,884,419	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	9.41						

(79) Ore Transfer Point (79)

OPERATING PARAMETERS				
Operating Hours:	7684	Throughput:	1,884,419	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	3.23						

(80) "D" Ore Calciner (80)

OPERATING PARAMETERS				
Operating Hours:	7671	Throughput:	1,516,472	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:	1465	MMSCF	1044	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT	NS	CE	VX			
Emission in Tons:	34.17	38.24	2003.59	128.90			

NOTE: VX based on 0.17 lb VOC per ton trona ore throughput

(81) "D" Train Dryer Area (81)

OPERATING PARAMETERS				
Operating Hours:	8689	Throughput:	789,384	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.17						

(82) DR-6 Product Dryer

OPERATING PARAMETERS				
Operating Hours:	8689	Throughput:	789,384	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:	678	MMSCF	1044	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT	NS	CS	VE			
Emission in Tons:	10.08	53.09	24.77	1.13			

(83) Product Silo (83)

OPERATING PARAMETERS				
Operating Hours:	0	Throughput:	0	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.00						

(85) Boiler (BO-3)

OPERATING PARAMETERS				
Operating Hours:	0	Throughput:	0	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PE	NE	CE	VE			
Emission in Tons:	0.00	0.00	0.00	0.00			

(88) Trona Products Transloading #2

OPERATING PARAMETERS				
Operating Hours:	1708	Throughput:	14,173	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.17						

(89) Bisulfite Loadout Facility

OPERATING PARAMETERS				
Operating Hours:	763	Throughput:	4,579	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:					SA		
Emission in Tons:					0.03		

(90) Blending Bag Dump #1 (Bag Dump - C)

OPERATING PARAMETERS				
Operating Hours:	873	Throughput:	97	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.02						

(91) Blending Bag Dump #2 (Bag Dump - D)

OPERATING PARAMETERS				
Operating Hours:	101	Throughput:	67	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.00						

(92) Trona Products Bin #2 (AQD #92)

OPERATING PARAMETERS				
Operating Hours:	2475	Throughput:	49,509	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.37						

(93) Trona Products Rail Loadout (AQD #93)

OPERATING PARAMETERS				
Operating Hours:	495	Throughput:	49,509	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.04						

(94) Sulfite Loadout (AQD #94)

OPERATING PARAMETERS				
Operating Hours:	443	Throughput:	33,221	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.07						

(95) Trona Products Loadout Bin (AQD #95)

OPERATING PARAMETERS				
Operating Hours:	495	Throughput:	49,509	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.02						

(96) TPX Bin #1 Baghouse (AQD #96)

OPERATING PARAMETERS				
Operating Hours:	142	Throughput:	14,173	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.01						

(97) TPX Bin #2 Baghouse (AQD #97)

OPERATING PARAMETERS				
Operating Hours:	504	Throughput:	1,260	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.03						

(98) TPX Area Baghouse (AQD #98)

OPERATING PARAMETERS				
Operating Hours:	6299	Throughput:	15,748	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	1.26						

(99) Crusher Baghouse #2 (AQD #99)

OPERATING PARAMETERS				
Operating Hours:	8,760	Throughput:	2,074,199	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	14.02						

(100) Calciner Coal Bunker (AQD #100)

OPERATING PARAMETERS				
Operating Hours:	1,245	Throughput:	47,086	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.12						

(101) Fluid Bed Dryer Baghouse (101)

OPERATING PARAMETERS				
Operating Hours:	7,891	Throughput:	62,686	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:	6.4	MMSCF	1044	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA	NA	CA	VE			
Emission in Tons:	7.89	1.97	0.79	0.04			

(102) T-200 Silos Baghouse (102)

OPERATING PARAMETERS				
Operating Hours:	430	Throughput:	85,935	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.13						

(103) East Ore Reclaim Baghouse (103)

OPERATING PARAMETERS				
Operating Hours:	8,059	Throughput:	1,908,263	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	1.33						

(104) West Ore Reclaim Baghouse (104)

OPERATING PARAMETERS				
Operating Hours:	8,059	Throughput:	1,908,263	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	1.09						

OPERATING PARAMETERS				
Operating Hours:	8760	Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:			CX	VT			
Emission in Tons:			34.16	472.16			

NOTE: CX based on estimate of 7.8 pph CO

(901) Cooling Tower - High Flow (CT-1)

OPERATING PARAMETERS				
Operating Hours:	8385	Throughput:	15,000	gal/min
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX						
Emission in Tons:	15.09						

NOTE: PX based on estimate of 0.004 lb PM/Kgal

(902) Cooling Tower - Low Flow (CT-501)

OPERATING PARAMETERS				
Operating Hours:	7552	Throughput:	5,500	gal/min
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX						
Emission in Tons:	4.98						

NOTE: PX based on estimate of 0.004 lb PM/Kgal

(FRP) Emergency Fire Pump Engine (PU-76)

OPERATING PARAMETERS				
Operating Hours:	10	Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:	0.15	M Gal	140,000	BTU/Gal	0.05
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.00	0.04	0.01	0.01	0.00		

Note: Based on operating rate of 14.5 gph; PM at 0.31, NOX at 4.41, CO at 0.95, and SO2 at 0.29 lb/MMBTU

(GND) Generator Engine - (C/S Plant)

OPERATING PARAMETERS				
Operating Hours:	2	Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:	1	M Gal	140,000	BTU/Gal	0.05
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.01	0.12	0.03	0.01	0.01		

Note: Based on operating rate of 14.5 gph; PM at 0.31, NOX at 4.41, CO at 0.95, and SO2 at 0.29 lb/MMBTU

(GNS1) Steam Plant Generator Engine #1 (EG-1)

OPERATING PARAMETERS				
Operating Hours:	2	Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:	0.4	M Gal	140,000	BTU/Gal	0.05
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.01	0.10	0.02	0.01	0.01		

Note: Based on operating rate of 168 gph; PM at 0.31, NOX at 4.41, CO at 0.95, and SO2 at 0.29 lb/MMBTU

(GNS2) Steam Plant Generator Engine #2 (EG-2)

OPERATING PARAMETERS				
Operating Hours:	1	Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:	0.25	M Gal	140,000	BTU/Gal	0.05
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.00	0.05	0.01	0.01	0.00		

Note: Based on operating rate of 168 gph; PM at 0.31, NOX at 4.41, CO at 0.95, and SO2 at 0.29 lb/MMBTU

(PB) Emergency Pony Boiler (bo-pony)

OPERATING PARAMETERS				
Operating Hours:	0	Throughput:	0	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:	0	M Gal	0	BTU/Gal	0
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.00	0.00	0.00	0.00	0.00		

Note: Based on operating rate of 168 gph; PM at 0.31, NOX at 4.41, CO at 0.95, and SO2 at 0.29 lb/MMBTU

(01) Fugitive Dust - Haul Roads (FD)

OPERATING PARAMETERS				
Operating Hours:		Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX						
Emission in Tons:	5.27						

NOTE: Based on 7,753 loads of coal, 39.5 tons/load, 2 miles round trip, at 0.68 lbs/VMT.

(02A) Ore Crusher Building #1 (BF-1)

OPERATING PARAMETERS				
Operating Hours:	8760	Throughput:	1,675,635	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	7.01						

(06A) Product Silos-Top (BF-31)

OPERATING PARAMETERS				
Operating Hours:	8760	Throughput:	**180,850**	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	1.31						

(06B) Product Silos- Bottom #1 (BF-33)

OPERATING PARAMETERS				
Operating Hours:	262	Throughput:	175,235	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.07						

(07) Product Loadout Station (BF-32)

OPERATING PARAMETERS				
Operating Hours:	3744	Throughput:	2,585,713	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.25						

(10) Coal Crushing & Storage (BF-35)

OPERATING PARAMETERS				
Operating Hours:	2291	Throughput:	306,233	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.30						

(11) Coal Transfer Station (BF-39)

OPERATING PARAMETERS				
Operating Hours:	2291	Throughput:	306,233	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.24						

(14) Boiler Coal Bunker (BF-36)

OPERATING PARAMETERS				
Operating Hours:	2291	Throughput:	306,233	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.42						

(15) DR-1 & 2 Steam Tube Dryers (WS-4&5)

OPERATING PARAMETERS				
Operating Hours:	8408	Throughput:	944,140	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:	0	MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT	NS	CS	VE			
Emission in Tons:	8.79	0.0	0.0	0.0			

(16) Dryer Area (BF-24)

OPERATING PARAMETERS				
Operating Hours:	8408	Throughput:	944,140	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	3.78						

(17) "A" and "B" Calciners (EP1&2)

OPERATING PARAMETERS				
Operating Hours:	8627	Throughput:	1,592,932	Tons
NOX CEM (lb/MMBtu):	0.273	SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:	102,883	Tons	10,022	BTU/LB	0.62
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2	NH3	
Calculation Method:	PT	NV	CS	VX	ST	OT	
Emission in Tons:	40.29	281.49	1268.245	1178.77	4.31	9.49	

Note: VX is based on 1.48 lb VOC per ton trona ore throughput

(18) #1 Coal Fired Boiler (EP3&WS7)

OPERATING PARAMETERS				
Operating Hours:	8543	Throughput:		Tons
NOX CEM (lb/MMBtu):	0.55	SO2 CEM (lb/MMBtu):	0.03	

Fuel use is based on dedicated meter (belt scale).

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:	101,675	Tons	10,022	BTU/LB	0.62
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PS	NV	CS	VS	SV		
Emission in Tons:	10.19	560.44	50.95	2.04	30.57		

(19) #2 Coal Fired Boiler (EP4&WS8)

OPERATING PARAMETERS				
Operating Hours:	8531	Throughput:		Tons
NOX CEM (lb/MMBtu):	0.5	SO2 CEM (lb/MMBtu):		0.02

Fuel use is based on dedicated meter (belt scale).

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:	101,675	Tons	10,022	BTU/LB	0.62
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PS	NV	CS	VS	SV		
Emission in Tons:	10.19	509.49	50.95	2.04	20.38		

(24) Boiler Fly Ash Silo (BF-41)

OPERATING PARAMETERS				
Operating Hours:	8760	Throughput:	4,230	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	1.31						

(25) Alkaten Crushing (BF-54)

OPERATING PARAMETERS				
Operating Hours:	6055	Throughput:	230,090	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	3.03						

(26) Trona Products Dryer (BF-55)

OPERATING PARAMETERS				
Operating Hours:	8397	Throughput:	117,463	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:	4.9	MMSCF	1040	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA	NS	CS	VE			
Emission in Tons:	2.31	0.25	0.08	0.04			

(27) Trona Products Bagging and Load Out (BF-56)

OPERATING PARAMETERS				
Operating Hours:	197	Throughput:	19,707	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.05						

(30) Lime Bin #1 (BF-507)

OPERATING PARAMETERS				
Operating Hours:	325	Throughput:	11,435	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.03						

(31) Lime Bin #2 (BF-508)

OPERATING PARAMETERS				
Operating Hours:	326	Throughput:	11,435	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.03						

(33) Sulfur Burner (WS-454)

OPERATING PARAMETERS				
Operating Hours:	8640	Throughput:	18,290	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:	0.05	MMSCF	1041	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:		NT			ST		
Emission in Tons:		0.22			0.39		

OPERATING PARAMETERS				
Operating Hours:	8026	Throughput:	50,955	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:	1	MMSCF	1041	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT						
Emission in Tons:	3.25						

(36) Sulfite Product Bin #1 (BF-503)

OPERATING PARAMETERS				
Operating Hours:	2675.333	Throughput:	16,985	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.13						

(37) Sulfite Product Bin #2 (BF-504)

OPERATING PARAMETERS				
Operating Hours:	2675.333	Throughput:	16,985	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.13						

(38) Sulfite Product Bin #3 (BF-505)

OPERATING PARAMETERS				
Operating Hours:	2676.333		16,985	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.13						

(42) CS-13 Sulfite HCL Tank Vent (TA-501)

OPERATING PARAMETERS				
Operating Hours:	1	Throughput:	24	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2	HCl Vapor	
Calculation Method:						OX	
Emission in Tons:						0.00	

NOTE: OX based on 0.15 pounds HCl vaopr per ton HCl

(43) Sulfur Storage Tank (TA-501)

OPERATING PARAMETERS				
Operating Hours:	366	Throughput:	18,290	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2	OTHER	
Calculation Method:						H2S-OX	
Emission in Tons:						0.18	

NOTE: H2S-OX is based on 0.001% of sulfur throughput being emitted as H2S

(44) Lime Unloading (BF-509)

OPERATING PARAMETERS				
Operating Hours:	651	Hours	22,870	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.06						

(46) Ore Transfer Station (BF-62)

OPERATING PARAMETERS				
Operating Hours:	8760	Throughput:	1,675,635	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	3.11						

(48) "C" Calciner (EP-5)

OPERATING PARAMETERS				
Operating Hours:	4813	Throughput:	540,553	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:	555	MMSCF	1040	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT	NT	CS	VX			
Emission in Tons:	11.96	5.77	597.40	89.19			

Note: VX is based on 0.33 lb VOC per ton trona ore throughput

(50) "C" Train Dryer Area (BF-84)

OPERATING PARAMETERS				
Operating Hours:	8361	Throughput:	819,929	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.93						

(51) Product Dryer #5 (EP-6)

OPERATING PARAMETERS				
Operating Hours:	8361	Throughput:	819,929	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:	678	MMSCF	1040	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT	NT	CT	VE			
Emission in Tons:	3.76	35.26	176.28	1.09			

(52) Product Silo- Top #2 (BF-79)

OPERATING PARAMETERS				
Operating Hours:	8,466	Throughput:	2,402,715	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.12						

(53) Product Silo- Bottom #2 (BF-86)

OPERATING PARAMETERS				
Operating Hours:	3482	Throughput:	2,410,478	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.78						

(54) T-200 Storage Bin (BF-103)

OPERATING PARAMETERS				
Operating Hours:	8,760	Throughput:	135,994	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.83						

(62) Carbon Bin (BF-100)

OPERATING PARAMETERS				
Operating Hours:	56	Throughput:	555	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.01						

(63) Perlite Bin (BF-101)

OPERATING PARAMETERS				
Operating Hours:	120	Throughput:	1198	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.01						

OPERATING PARAMETERS				
Operating Hours:	176	Throughput:	252	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.01						

(65) Sulfite Blending #1 (BF-602)

OPERATING PARAMETERS				
Operating Hours:	1588	Throughput:	2268	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.02						

(66) Carbon/Perlite Scrubber (WS-2)

OPERATING PARAMETERS				
Operating Hours:	8760	Throughput:	1753	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.54						

(67) Bottom Ash (BF-42)

OPERATING PARAMETERS				
Operating Hours:	8760	Throughput:	4,230	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.06						

(68) Trona Products Bagging Silo (68)

OPERATING PARAMETERS				
Operating Hours:	185	Throughput:	4,428	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.03						

(70) Sodium Sulfite Bagging Silo (BF-206)

OPERATING PARAMETERS				
Operating Hours:	398	Throughput:	6,561	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.05						

(71) Metabisulfite Bagging Silo (71)

OPERATING PARAMETERS				
Operating Hours:	527	Throughput:	8,691	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.07						

(72) MBS Soda Ash Feed Silo (72)

OPERATING PARAMETERS				
Operating Hours:	1956	Throughput:	4,890	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.07						

(73) Metabisulfite Dryer (73)

OPERATING PARAMETERS				
Operating Hours:	5846	Throughput:	8,769	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:	7.27	MMSCF	1041	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT	NS	CS	VX	ST		
Emission in Tons:	0.18	0.38	0.15	0.03	0.70		

NOTE: VX is based on estimate of 0.01 lb NOX/hr

(76) "D" Train Primary Ore Screening

OPERATING PARAMETERS				
Operating Hours:	8559	Throughput:	2,371,036	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	10.48						

(79) Ore Transfer Point (79)

OPERATING PARAMETERS				
Operating Hours:	8559	Throughput:	2,371,036	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	3.59						

(80) "D" Ore Calciner (80)

OPERATING PARAMETERS				
Operating Hours:	7655	Throughput:	1,677,003	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:	1709	MMSCF	1040	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT	NS	CE	VX			
Emission in Tons:	34.10	44.43	2328.34	142.55			

NOTE: VX based on 0.17 lb VOC per ton trona ore throughput

(81) "D" Train Dryer Area (81)

OPERATING PARAMETERS				
Operating Hours:	8466	Throughput:	819,496	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.12						

(82) DR-6 Product Dryer

OPERATING PARAMETERS				
Operating Hours:	8466	Throughput:	819,496	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:	672	MMSCF	1040	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT	NS	CS	VE			
Emission in Tons:	9.82	52.42	24.46	1.10			

(88) Trona Products Transloading #2

OPERATING PARAMETERS				
Operating Hours:	2100	Throughput:	17,431	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.21						

(89) Bisulfite Loadout Facility

OPERATING PARAMETERS				
Operating Hours:	691	Throughput:	4,148	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:					SA		
Emission in Tons:					0.02		

OPERATING PARAMETERS				
Operating Hours:	819	Throughput:	91	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.02						

(91) Blending Bag Dump #2 (Bag Dump - D)

OPERATING PARAMETERS				
Operating Hours:	95	Throughput:	63	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.00						

(92) Trona Products Bin #2 (AQD #92)

OPERATING PARAMETERS				
Operating Hours:	2689	Throughput:	53,777	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.40						

(93) Trona Products Rail Loadout (AQD #93)

OPERATING PARAMETERS				
Operating Hours:	538	Throughput:	53,777	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.05						

(94) Sulfite Loadout (AQD #94)

OPERATING PARAMETERS				
Operating Hours:	525	Throughput:	39,354	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.08						

(95) Trona Products Loadout Bin (AQD #95)

OPERATING PARAMETERS				
Operating Hours:	538	Throughput:	53,777	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.03						

(96) TPX Bin #1 Baghouse (AQD #96)

OPERATING PARAMETERS				
Operating Hours:	174	Throughput:	17,431	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.02						

(97) TPX Bin #2 Baghouse (AQD #97)

OPERATING PARAMETERS				
Operating Hours:	620	Throughput:	1,549	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.03						

(98) TPX Area Baghouse (AQD #98)

OPERATING PARAMETERS				
Operating Hours:	7747	Throughput:	19,368	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	1.55						

(99) Crusher Baghouse #2 (AQD #99)

OPERATING PARAMETERS				
Operating Hours:	8,760	Throughput:	1,675,635	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	14.02						

(100) Calciner Coal Bunker (AQD #100)

OPERATING PARAMETERS				
Operating Hours:	1,969	Throughput:	102,883	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.20						

(101) Fluid Bed Dryer Baghouse (101)

OPERATING PARAMETERS				
Operating Hours:	7,615	Throughput:	95,196	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:	12.1	MMSCF	1040	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA	NA	CA	VE			
Emission in Tons:	7.62	1.90	0.76	0.04			

(102) T-200 Silos Baghouse (102)

OPERATING PARAMETERS				
Operating Hours:	649	Throughput:	129,868	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.19						

(103) East Ore Reclaim Baghouse (103)

OPERATING PARAMETERS				
Operating Hours:	8,760	Throughput:	1,675,635	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	1.45						

(104) West Ore Reclaim Baghouse (104)

OPERATING PARAMETERS				
Operating Hours:	8,760	Throughput:	1,675,635	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	1.18						

(MV) Mine Vent (MV)

OPERATING PARAMETERS				
Operating Hours:	8760	Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:			CX	VT			
Emission in Tons:			34.16	472.16			

NOTE: CX based on estimate of 7.8 pph CO

(901) Cooling Tower - High Flow (CT-1)

OPERATING PARAMETERS				
Operating Hours:	8440	Throughput:	15,000	gal/min
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX						
Emission in Tons:	15.19						

NOTE: PX based on estimate of 0.004 lb PM/Kgal

(902) Cooling Tower - Low Flow (CT-501)

OPERATING PARAMETERS				
Operating Hours:	8026	Throughput:	5,500	gal/min
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX						
Emission in Tons:	5.30						

NOTE: PX based on estimate of 0.004 lb PM/Kgal

(FRP) Emergency Fire Pump Engine (PU-76)

OPERATING PARAMETERS				
Operating Hours:	10	Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:	0.15	M Gal	140,000	BTU/Gal	0.05
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.00	0.04	0.01	0.01	0.00		

Note: Based on operating rate of 14.5 gph; PM at 0.31, NOX at 4.41, CO at 0.95, and SO2 at 0.29 lb/MMBTU

(GND) Generator Engine - (C/S Plant)

OPERATING PARAMETERS				
Operating Hours:	1	Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:	1	M Gal	140,000	BTU/Gal	0.05
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.00	0.06	0.01	0.01	0.00		

Note: Based on operating rate of 14.5 gph; PM at 0.31, NOX at 4.41, CO at 0.95, and SO2 at 0.29 lb/MMBTU

(GNS1) Steam Plant Generator Engine #1 (EG-1)

OPERATING PARAMETERS				
Operating Hours:	1	Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:	0.4	M Gal	140,000	BTU/Gal	0.05
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.00	0.05	0.01	0.01	0.00		

Note: Based on operating rate of 168 gph; PM at 0.31, NOX at 4.41, CO at 0.95, and SO2 at 0.29 lb/MMBTU

(GNS2) Steam Plant Generator Engine #2 (EG-2)

OPERATING PARAMETERS				
Operating Hours:	1	Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:	0.25	M Gal	140,000	BTU/Gal	0.05
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.00	0.05	0.01	0.01	0.00		

Note: Based on operating rate of 168 gph; PM at 0.31, NOX at 4.41, CO at 0.95, and SO2 at 0.29 lb/MMBTU

(PB) Emergency Pony Boiler (bo-pony)

OPERATING PARAMETERS				
Operating Hours:	0	Throughput:	0	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:	0	M Gal	0	BTU/Gal	0
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.00	0.00	0.00	0.00	0.00		

Note: Based on operating rate of 168 gph; PM at 0.31, NOX at 4.41, CO at 0.95, and SO2 at 0.29 lb/MMBTU

(01) Fugitive Dust - Haul Roads (FD)

OPERATING PARAMETERS				
Operating Hours:		Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX						
Emission in Tons:	5.16						

NOTE: Based on 7,585 loads of coal, 39.5 tons/load, 2 miles round trip, at 0.68 lbs/VMT.

(02A) Ore Crusher Building #1 (BF-1)

OPERATING PARAMETERS				
Operating Hours:	8784	Throughput:	2,438,586	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	7.03						

(06A) Product Silos-Top (BF-31)

OPERATING PARAMETERS				
Operating Hours:	8784	Throughput:	**128,474**	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	1.32						

(06B) Product Silos- Bottom #1 (BF-33)

OPERATING PARAMETERS				
Operating Hours:	187	Throughput:	122,735	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.05						

(07) Product Loadout Station (BF-32)

OPERATING PARAMETERS				
Operating Hours:	3744	Throughput:	2,522,814	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.25						

(10) Coal Crushing & Storage (BF-35)

OPERATING PARAMETERS				
Operating Hours:	3083	Throughput:	299,613	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.40						

(11) Coal Transfer Station (BF-39)

OPERATING PARAMETERS				
Operating Hours:	3083	Throughput:	299,613	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.32						

(14) Boiler Coal Bunker (BF-36)

OPERATING PARAMETERS				
Operating Hours:	3083	Throughput:	299,613	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.57						

(15) DR-1 & 2 Steam Tube Dryers (WS-4&5)

OPERATING PARAMETERS				
Operating Hours:	8159	Throughput:	755,359	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:	0	MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT	NS	CS	VE			
Emission in Tons:	8.53	0.0	0.0	0.0			

(16) Dryer Area (BF-24)

OPERATING PARAMETERS				
Operating Hours:	8159	Throughput:	755,359	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	3.67						

(17) "A" and "B" Calciners (EP1&2)

OPERATING PARAMETERS				
Operating Hours:	8344	Throughput:	1,566,774	Tons
NOX CEM (lb/MMBtu):	0.254	SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:	101,966	Tons	9,863	BTU/LB	0.72
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2	NH3	
Calculation Method:	PT	NV	CS	VX	ST	OT	
Emission in Tons:	31.42	255.45	1237	1159.41	4.17	9.18	

Note: VX is based on 1.48 lb VOC per ton trona ore throughput

(18) #1 Coal Fired Boiler (EP3&WS7)

OPERATING PARAMETERS				
Operating Hours:	8784	Throughput:		Tons
NOX CEM (lb/MMBtu):	0.49	SO2 CEM (lb/MMBtu):	0.02	

Fuel use is based on dedicated meter (belt scale).

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:	99,812	Tons	9,863	BTU/LB	0.72
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PS	NV	CS	VS	SV		
Emission in Tons:	9.84	482.38	49.22	1.97	19.69		

(19) #2 Coal Fired Boiler (EP4&WS8)

OPERATING PARAMETERS				
Operating Hours:	8425	Throughput:		Tons
NOX CEM (lb/MMBtu):	0.5	SO2 CEM (lb/MMBtu):		0.02

Fuel use is based on dedicated meter (belt scale).

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:	97,835	Tons	9,863	BTU/LB	0.72
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PS	NV	CS	VS	SV		
Emission in Tons:	9.65	482.47	48.25	1.93	19.30		

(24) Boiler Fly Ash Silo (BF-41)

OPERATING PARAMETERS				
Operating Hours:	8784	Throughput:	4,872	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	1.32						

(25) Alkaten Crushing (BF-54)

OPERATING PARAMETERS				
Operating Hours:	6408.579	Throughput:	243,526	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	3.20						

(26) Trona Products Dryer (BF-55)

OPERATING PARAMETERS				
Operating Hours:	8146	Throughput:	135,673	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:	6.1	MMSCF	1029	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA	NS	CS	VE			
Emission in Tons:	2.24	0.31	0.09	0.04			

(27) Trona Products Bagging and Load Out (BF-56)

OPERATING PARAMETERS				
Operating Hours:	271	Throughput:	27,131	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.07						

(30) Lime Bin #1 (BF-507)

OPERATING PARAMETERS				
Operating Hours:	320	Throughput:	11,205	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.03						

(31) Lime Bin #2 (BF-508)

OPERATING PARAMETERS				
Operating Hours:	320	Throughput:	11,205	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.03						

(33) Sulfur Burner (WS-454)

OPERATING PARAMETERS				
Operating Hours:	8592	Throughput:	17,620	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:	0.07	MMSCF	1029	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:		NT			ST		
Emission in Tons:		0.21			0.39		

(35) Sulfite Dryer (WS-455)

OPERATING PARAMETERS				
Operating Hours:	7976	Throughput:	46,637	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT						
Emission in Tons:	3.23						

(36) Sulfite Product Bin #1 (BF-503)

OPERATING PARAMETERS				
Operating Hours:	2658.667	Throughput:	15,546	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.13						

(37) Sulfite Product Bin #2 (BF-504)

OPERATING PARAMETERS				
Operating Hours:	2658.667	Throughput:	15,546	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.13						

(38) Sulfite Product Bin #3 (BF-505)

OPERATING PARAMETERS				
Operating Hours:	2659.667		15,546	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.13						

(42) CS-13 Sulfite HCL Tank Vent (TA-501)

OPERATING PARAMETERS				
Operating Hours:	3	Throughput:	68	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2	HCl Vapor	
Calculation Method:						OX	
Emission in Tons:						0.01	

NOTE: OX based on 0.15 pounds HCl vapor per ton HCl

(43) Sulfur Storage Tank (TA-501)

OPERATING PARAMETERS				
Operating Hours:	352	Throughput:	17,620	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2	OTHER	
Calculation Method:						H2S-OX	
Emission in Tons:						0.18	

NOTE: H2S-OX is based on 0.001% of sulfur throughput being emitted as H2S

(44) Lime Unloading (BF-509)

OPERATING PARAMETERS				
Operating Hours:	640	Hours	22,410	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.06						

(46) Ore Transfer Station (BF-62)

OPERATING PARAMETERS				
Operating Hours:	8784	Throughput:	2,438,586	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	3.12						

(48) "C" Calciner (EP-5)

OPERATING PARAMETERS				
Operating Hours:	3739	Throughput:	422,508	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:	432	MMSCF	1029	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT	NT	CS	VX			
Emission in Tons:	9.29	4.45	460.09	69.71			

Note: VX is based on 0.33 lb VOC per ton trona ore throughput

(50) "C" Train Dryer Area (BF-84)

OPERATING PARAMETERS				
Operating Hours:	8473	Throughput:	805,135	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.97						

(51) Product Dryer #5 (EP-6)

OPERATING PARAMETERS				
Operating Hours:	8473	Throughput:	805,135	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:	704	MMSCF	1029	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT	NT	CT	VE			
Emission in Tons:	3.81	36.22	181.10	1.10			

(52) Product Silo- Top #2 (BF-79)

OPERATING PARAMETERS				
Operating Hours:	8,473	Throughput:	2,441,008	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.12						

(53) Product Silo- Bottom #2 (BF-86)

OPERATING PARAMETERS				
Operating Hours:	3557	Throughput:	2,400,079	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.80						

(54) T-200 Storage Bin (BF-103)

OPERATING PARAMETERS				
Operating Hours:	8,784	Throughput:	128,349	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.83						

(62) Carbon Bin (BF-100)

OPERATING PARAMETERS				
Operating Hours:	58	Throughput:	584	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.01						

(63) Perlite Bin (BF-101)

OPERATING PARAMETERS				
Operating Hours:	136	Throughput:	1362	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.01						

(64) Sulfite Blending #2 (BF-601)

OPERATING PARAMETERS				
Operating Hours:	168	Throughput:	240	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.01						

(65) Sulfite Blending #1 (BF-602)

OPERATING PARAMETERS				
Operating Hours:	1512	Throughput:	2160	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.02						

(66) Carbon/Perlite Scrubber (WS-2)

OPERATING PARAMETERS				
Operating Hours:	8784	Throughput:	1946	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.55						

(67) Bottom Ash (BF-42)

OPERATING PARAMETERS				
Operating Hours:	8784	Throughput:	4,872	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.06						

(68) Trona Products Bagging Silo (68)

OPERATING PARAMETERS				
Operating Hours:	192	Throughput:	4,600	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.03						

(70) Sodium Sulfite Bagging Silo (BF-206)

OPERATING PARAMETERS				
Operating Hours:	472	Throughput:	7,790	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.06						

(71) Metabisulfite Bagging Silo (71)

OPERATING PARAMETERS				
Operating Hours:	618	Throughput:	10,189	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.08						

(72) MBS Soda Ash Feed Silo (72)

OPERATING PARAMETERS				
Operating Hours:	2288	Throughput:	5,720	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.08						

(73) Metabisulfite Dryer (73)

OPERATING PARAMETERS				
Operating Hours:	6834	Throughput:	10,251	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:	7.98	MMSCF	1029	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT	NS	CS	VX	ST		
Emission in Tons:	0.21	0.41	0.16	0.03	0.82		

NOTE: VX is based on estimate of 0.01 lb VOC/hr

(76) "D" Train Primary Ore Screening

OPERATING PARAMETERS				
Operating Hours:	7925	Throughput:	1,603,534	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	9.71						

(79) Ore Transfer Point (79)

OPERATING PARAMETERS				
Operating Hours:	7925	Throughput:	1,603,534	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	3.33						

(80) "D" Ore Calciner (80)

OPERATING PARAMETERS				
Operating Hours:	8133	Throughput:	1,792,095	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:	1899	MMSCF	1029	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT	NS	CE	VX			
Emission in Tons:	36.23	48.85	2559.83	152.33			

NOTE: VX based on 0.17 lb VOC per ton trona ore throughput

(81) "D" Train Dryer Area (81)

OPERATING PARAMETERS				
Operating Hours:	8400	Throughput:	1,008,988	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.10						

(82) DR-6 Product Dryer

OPERATING PARAMETERS				
Operating Hours:	8400	Throughput:	1,008,988	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:	829	MMSCF	1029	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT	NS	CS	VE			
Emission in Tons:	10.67	63.98	29.86	1.09			

(88) Trona Products Transloading #2

OPERATING PARAMETERS				
Operating Hours:	2170	Throughput:	18,009	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.22						

(89) Bisulfite Loadout Facility

OPERATING PARAMETERS				
Operating Hours:	628	Throughput:	3,766	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:					SA		
Emission in Tons:					0.02		

(90) Blending Bag Dump #1 (Bag Dump - C)

OPERATING PARAMETERS				
Operating Hours:	778	Throughput:	86	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.02						

(91) Blending Bag Dump #2 (Bag Dump - D)

OPERATING PARAMETERS				
Operating Hours:	90	Throughput:	60	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.00						

(92) Trona Products Bin #2 (AQD #92)

OPERATING PARAMETERS				
Operating Hours:	3379.95	Throughput:	67,599	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.51						

(93) Trona Products Rail Loadout (AQD #93)

OPERATING PARAMETERS				
Operating Hours:	676	Throughput:	67,599	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.06						

(94) Sulfite Loadout (AQD #94)

OPERATING PARAMETERS				
Operating Hours:	453.96	Throughput:	34,047	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.07						

(95) Trona Products Loadout Bin (AQD #95)

OPERATING PARAMETERS				
Operating Hours:	676	Throughput:	67,599	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.03						

(96) TPX Bin #1 Baghouse (AQD #96)

OPERATING PARAMETERS				
Operating Hours:	180	Throughput:	18,009	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.02						

(97) TPX Bin #2 Baghouse (AQD #97)

OPERATING PARAMETERS				
Operating Hours:	640	Throughput:	1,601	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.03						

(98) TPX Area Baghouse (AQD #98)

OPERATING PARAMETERS				
Operating Hours:	8004	Throughput:	20,010	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	1.60						

(99) Crusher Baghouse #2 (AQD #99)

OPERATING PARAMETERS				
Operating Hours:	8,784	Throughput:	2,438,586	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	14.05						

(100) Calciner Coal Bunker (AQD #100)

OPERATING PARAMETERS				
Operating Hours:	1,945	Throughput:	101,966	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.19						

(101) Fluid Bed Dryer Baghouse (101)

OPERATING PARAMETERS				
Operating Hours:	7,100	Throughput:	89,844	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:	11.3	MMSCF	1029	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA	NA	CA	VE			
Emission in Tons:	7.10	1.78	0.71	0.04			

(102) T-200 Silos Baghouse (102)

OPERATING PARAMETERS				
Operating Hours:	649	Throughput:	129,868	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.19						

(103) East Ore Reclaim Baghouse (103)

OPERATING PARAMETERS				
Operating Hours:	8,784	Throughput:	1,219,293	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	1.45						

(104) West Ore Reclaim Baghouse (104)

OPERATING PARAMETERS				
Operating Hours:	8,784	Throughput:	1,219,293	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	1.19						

(MV) Mine Vent (MV)

OPERATING PARAMETERS				
Operating Hours:	8784	Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:			CX	VT			
Emission in Tons:			34.26	473.46			

NOTE: CX based on estimate of 7.8 pph CO

(901) Cooling Tower - High Flow (CT-1)

OPERATING PARAMETERS				
Operating Hours:	8265	Throughput:	15,000	gal/min
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX						
Emission in Tons:	14.88						

NOTE: PX based on estimate of 0.004 lb PM/Kgal

(902) Cooling Tower - Low Flow (CT-501)

OPERATING PARAMETERS				
Operating Hours:	7976	Throughput:	5,500	gal/min
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX						
Emission in Tons:	5.26						

NOTE: PX based on estimate of 0.004 lb PM/Kgal

(FRP) Emergency Fire Pump Engine (PU-76)

OPERATING PARAMETERS				
Operating Hours:	10	Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:	0.15	M Gal	140,000	BTU/Gal	0.05
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.00	0.04	0.01	0.01	0.00		

Note: Based on operating rate of 14.5 gph; PM at 0.31, NOX at 4.41, CO at 0.95, and SO2 at 0.29 lb/MMBTU

(GND) Generator Engine - (C/S Plant)

OPERATING PARAMETERS				
Operating Hours:	67	Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:	1	M Gal	140,000	BTU/Gal	0.05
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.28	3.99	0.86	0.45	0.26		

Note: Based on operating rate of 14.5 gph; PM at 0.31, NOX at 4.41, CO at 0.95, and SO2 at 0.29 lb/MMBTU

(GNS1) Steam Plant Generator Engine #1 (EG-1)

OPERATING PARAMETERS				
Operating Hours:	1	Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:	0.4	M Gal	140,000	BTU/Gal	0.05
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.00	0.05	0.01	0.01	0.00		

Note: Based on operating rate of 168 gph; PM at 0.31, NOX at 4.41, CO at 0.95, and SO2 at 0.29 lb/MMBTU

(GNS2) Steam Plant Generator Engine #2 (EG-2)

OPERATING PARAMETERS				
Operating Hours:	1	Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:	0.25	M Gal	140,000	BTU/Gal	0.05
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.00	0.05	0.01	0.01	0.00		

Note: Based on operating rate of 168 gph; PM at 0.31, NOX at 4.41, CO at 0.95, and SO2 at 0.29 lb/MMBTU

(PB) Emergency Pony Boiler (bo-pony)

OPERATING PARAMETERS				
Operating Hours:	0	Throughput:	0	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:	0	M Gal	0	BTU/Gal	0
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.00	0.00	0.00	0.00	0.00		

Note: Based on operating rate of 168 gph; PM at 0.31, NOX at 4.41, CO at 0.95, and SO2 at 0.29 lb/MMBTU

(01) Fugitive Dust - Haul Roads (FD)

OPERATING PARAMETERS				
Operating Hours:		Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX						
Emission in Tons:	5.44						

NOTE: Based on 7,997 loads of coal, 39.5 tons/load, 2 miles round trip, at 0.68 lbs/VMT.

(02A) Ore Crusher Building #1 (BF-1)

OPERATING PARAMETERS				
Operating Hours:	8760	Throughput:	2,095,363	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	7.01						

(06A) Product Silos-Top (BF-31)

OPERATING PARAMETERS				
Operating Hours:	8760	Throughput:	96,018	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	1.31						

(06B) Product Silos- Bottom #1 (BF-33)

OPERATING PARAMETERS				
Operating Hours:	150	Throughput:	99,901	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.04						

(07) Product Loadout Station (BF-32)

OPERATING PARAMETERS				
Operating Hours:	3744	Throughput:	2,316,345	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.25						

(10) Coal Crushing & Storage (BF-35)

OPERATING PARAMETERS				
Operating Hours:	4384	Throughput:	315,898	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.57						

(11) Coal Transfer Station (BF-39)

OPERATING PARAMETERS				
Operating Hours:	4384	Throughput:	315,898	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.46						

(14) Boiler Coal Bunker (BF-36)

OPERATING PARAMETERS				
Operating Hours:	4384	Throughput:	203,708	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.81						

(15) DR-1 & 2 Steam Tube Dryers (WS-4&5)

OPERATING PARAMETERS				
Operating Hours:	8131	Throughput:	786,186	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:	0	MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT	NS	CS	VE			
Emission in Tons:	8.50	0.0	0.0	0.0			

(16) Dryer Area (BF-24)

OPERATING PARAMETERS				
Operating Hours:	8131	Throughput:	786,186	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	3.66						

(17) "A" and "B" Calciners (EP1&2)

OPERATING PARAMETERS				
Operating Hours:	8673	Throughput:	1,773,989	Tons
NOX CEM (lb/MMBtu):	0.254	SO2 CEM (lb/MMBtu):		

Fuel use is based on belt scale.

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:	112,190	Tons	9,874	BTU/LB	0.73
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2	NH3	
Calculation Method:	PT	NV	CS	VX	ST	OT	
Emission in Tons:	62.88	281.37	1362.55	1312.75	4.34	9.54	

Note: VX is based on 1.48 lb VOC per ton trona ore throughput

(18) #1 Coal Fired Boiler (EP3&WS7)

OPERATING PARAMETERS				
Operating Hours:	8204	Throughput:		Tons
NOX CEM (lb/MMBtu):	0.504	SO2 CEM (lb/MMBtu):	0.025	

Fuel use is based on dedicated meter (belt scale).

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:	99,817	Tons	9,874	BTU/LB	0.73
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PS	NV	CS	VS	SV		
Emission in Tons:	9.86	496.74	49.28	1.97	24.64		

(19) #2 Coal Fired Boiler (EP4&WS8)

OPERATING PARAMETERS				
Operating Hours:	8550	Throughput:		Tons
NOX CEM (lb/MMBtu):	0.503	SO2 CEM (lb/MMBtu):	0.022	

Fuel use is based on dedicated meter (belt scale).

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:	103,891	Tons	9,874	BTU/LB	0.73
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PS	NV	CS	VS	SV		
Emission in Tons:	10.26	515.99	51.29	2.05	22.57		

(24) Boiler Fly Ash Silo (BF-41)

OPERATING PARAMETERS				
Operating Hours:	8760	Throughput:	5,480	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	1.31						

(25) Alkaten Crushing (BF-54)

OPERATING PARAMETERS				
Operating Hours:	7402.684	Throughput:	281,302	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	3.70						

(26) Trona Products Dryer (BF-55)

OPERATING PARAMETERS				
Operating Hours:	8259	Throughput:	48,472	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:	5.2	MMSCF	1027	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA	NS	CS	VE			
Emission in Tons:	2.27	0.27	0.08	0.04			

(27) Trona Products Bagging and Load Out (BF-56)

OPERATING PARAMETERS				
Operating Hours:	336	Throughput:	33,591	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.08						

(30) Lime Bin #1 (BF-507)

OPERATING PARAMETERS				
Operating Hours:	265	Throughput:	10,845	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.03						

(31) Lime Bin #2 (BF-508)

OPERATING PARAMETERS				
Operating Hours:	265	Throughput:	10,845	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.03						

(33) Sulfur Burner (WS-454)

OPERATING PARAMETERS				
Operating Hours:	8132	Throughput:	20,400	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:	0.07	MMSCF	1027	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:		NT			ST		
Emission in Tons:		0.20			0.37		

(35) Sulfite Dryer (WS-455)

OPERATING PARAMETERS				
Operating Hours:	8254	Throughput:	60,902	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT						
Emission in Tons:	3.34						

(36) Sulfite Product Bin #1 (BF-503)

OPERATING PARAMETERS				
Operating Hours:	2751.333	Throughput:	20,301	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.14						

(37) Sulfite Product Bin #2 (BF-504)

OPERATING PARAMETERS				
Operating Hours:	2751.333	Throughput:	20,301	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.14						

(38) Sulfite Product Bin #3 (BF-505)

OPERATING PARAMETERS				
Operating Hours:	2752.333		20,301	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.14						

(42) CS-13 Sulfite HCL Tank Vent (TA-501)

OPERATING PARAMETERS				
Operating Hours:	2	Throughput:	48	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2	HCl Vapor	
Calculation Method:						OX	
Emission in Tons:						0.00	

NOTE: OX based on 0.15 pounds HCl vapor per ton HCl

(43) Sulfur Storage Tank (TA-501)

OPERATING PARAMETERS				
Operating Hours:	408	Throughput:	20,400	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2	OTHER	
Calculation Method:						H2S-OX	
Emission in Tons:						0.20	

NOTE: H2S-OX is based on 0.001% of sulfur throughput being emitted as H2S

(44) Lime Unloading (BF-509)

OPERATING PARAMETERS				
Operating Hours:	530	Hours	21,690	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.05						

(46) Ore Transfer Station (BF-62)

OPERATING PARAMETERS				
Operating Hours:	8760	Throughput:	2,095,363	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	3.11						

OPERATING PARAMETERS				
Operating Hours:	4420	Throughput:	443,485	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:	484	MMSCF	1027	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT	NT	CS	VX			
Emission in Tons:	10.98	4.97	514.47	73.18			

Note: VX is based on 0.33 lb VOC per ton trona ore throughput

(50) "C" Train Dryer Area (BF-84)

OPERATING PARAMETERS				
Operating Hours:	8029	Throughput:	729,938	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.81						

(51) Product Dryer #5 (EP-6)

OPERATING PARAMETERS				
Operating Hours:	8029	Throughput:	729,938	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:	649	MMSCF	1027	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT	NT	CT	VE			
Emission in Tons:	3.61	33.33	166.63	1.04			

(52) Product Silo- Top #2 (BF-79)

OPERATING PARAMETERS				
Operating Hours:	8,404	Throughput:	2,304,423	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.10						

(53) Product Silo- Bottom #2 (BF-86)

OPERATING PARAMETERS				
Operating Hours:	3594	Throughput:	2,216,444	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.81						

(54) T-200 Storage Bin (BF-103)

OPERATING PARAMETERS				
Operating Hours:	8,760	Throughput:	3,220	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.83						

(62) Carbon Bin (BF-100)

OPERATING PARAMETERS				
Operating Hours:	53	Throughput:	533	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.01						

(63) Perlite Bin (BF-101)

OPERATING PARAMETERS				
Operating Hours:	146	Throughput:	1458	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.01						

(64) Sulfite Blending #2 (BF-601)

OPERATING PARAMETERS				
Operating Hours:	109	Throughput:	155	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.00						

(65) Sulfite Blending #1 (BF-602)

OPERATING PARAMETERS				
Operating Hours:	979	Throughput:	1398	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.01						

(66) Carbon/Perlite Scrubber (WS-2)

OPERATING PARAMETERS				
Operating Hours:	8760	Throughput:	1991	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.54						

(67) Bottom Ash (BF-42)

OPERATING PARAMETERS				
Operating Hours:	8760	Throughput:	5,480	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.06						

(68) Trona Products Bagging Silo (68)

OPERATING PARAMETERS				
Operating Hours:	130	Throughput:	3,120	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.02						

(70) Sodium Sulfite Bagging Silo (BF-206)

OPERATING PARAMETERS				
Operating Hours:	383	Throughput:	6,327	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.05						

(71) Metabisulfite Bagging Silo (71)

OPERATING PARAMETERS				
Operating Hours:	430	Throughput:	7,102	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.06						

(72) MBS Soda Ash Feed Silo (72)

OPERATING PARAMETERS				
Operating Hours:	1584	Throughput:	3,960	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.06						

(73) Metabisulfite Dryer (73)

OPERATING PARAMETERS				
Operating Hours:	6172	Throughput:	7,102	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:	7.44	MMSCF	1027	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT	NS	CS	VX	ST		
Emission in Tons:	0.19	0.38	0.15	0.03	0.74		

NOTE: VX is based on estimate of 0.01 lb VOC/hr

(76) "D" Train Primary Ore Screening

OPERATING PARAMETERS				
Operating Hours:	8680	Throughput:	1,655,777	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	10.63						

(79) Ore Transfer Point (79)

OPERATING PARAMETERS				
Operating Hours:	8680	Throughput:	1,655,777	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	3.65						

(80) "D" Ore Calciner (80)

OPERATING PARAMETERS				
Operating Hours:	6254	Throughput:	1,300,723	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:	1347	MMSCF	1027	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT	NS	CE	VX			
Emission in Tons:	27.86	34.58	1812.21	110.56			

NOTE: VX based on 0.17 lb VOC per ton trona ore throughput

(81) "D" Train Dryer Area (81)

OPERATING PARAMETERS				
Operating Hours:	8098	Throughput:	884,317	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.02						

(82) DR-6 Product Dryer

OPERATING PARAMETERS				
Operating Hours:	8098	Throughput:	884,317	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:	727	MMSCF	1027	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT	NS	CS	VE			
Emission in Tons:	10.28	56.00	26.13	1.05			

(88) Trona Products Transloading #2

OPERATING PARAMETERS				
Operating Hours:	1101	Throughput:	9,136	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.11						

(89) Bisulfite Loadout Facility

OPERATING PARAMETERS				
Operating Hours:	447	Throughput:	2,680	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:					SA		
Emission in Tons:					0.02		

(90) Blending Bag Dump #1 (Bag Dump - C)

OPERATING PARAMETERS				
Operating Hours:	503	Throughput:	56	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.01						

(91) Blending Bag Dump #2 (Bag Dump - D)

OPERATING PARAMETERS				
Operating Hours:	58	Throughput:	39	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.00						

(92) Trona Products Bin #2 (AQD #92)

OPERATING PARAMETERS				
Operating Hours:	3760.55	Throughput:	75,211	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.56						

(93) Trona Products Rail Loadout (AQD #93)

OPERATING PARAMETERS				
Operating Hours:	752	Throughput:	75,211	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.06						

(94) Sulfite Loadout (AQD #94)

OPERATING PARAMETERS				
Operating Hours:	707	Throughput:	53,022	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.11						

(95) Trona Products Loadout Bin (AQD #95)

OPERATING PARAMETERS				
Operating Hours:	752	Throughput:	75,211	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.04						

(96) TPX Bin #1 Baghouse (AQD #96)

OPERATING PARAMETERS				
Operating Hours:	91	Throughput:	9,096	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.01						

(97) TPX Bin #2 Baghouse (AQD #97)

OPERATING PARAMETERS				
Operating Hours:	333	Throughput:	833	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.02						

(98) TPX Area Baghouse (AQD #98)

OPERATING PARAMETERS				
Operating Hours:	4060.4	Throughput:	10,151	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.81						

(99) Crusher Baghouse #2 (AQD #99)

OPERATING PARAMETERS				
Operating Hours:	8,760	Throughput:	2,095,363	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	14.02						

(100) Calciner Coal Bunker (AQD #100)

OPERATING PARAMETERS				
Operating Hours:	2,021	Throughput:	112,190	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.20						

(101) Fluid Bed Dryer Baghouse (101)

OPERATING PARAMETERS				
Operating Hours:	7,100	Throughput:	113,102	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:	10.6	MMSCF	1027	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA	NA	CA	VE			
Emission in Tons:	7.10	1.78	0.71	0.04			

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(102) T-200 Silos Baghouse (102)

OPERATING PARAMETERS				
Operating Hours:	785	Throughput:	157,024	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.24						

(103) East Ore Reclaim Baghouse (103)

OPERATING PARAMETERS				
Operating Hours:	8,760	Throughput:	1,047,682	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	1.45						

(104) West Ore Reclaim Baghouse (104)

OPERATING PARAMETERS				
Operating Hours:	8,760	Throughput:	1,047,682	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	1.18						

(105) SAS Dryer #1 Baghouse

OPERATING PARAMETERS				
Operating Hours:	0	Throughput:	0	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.00						

(106) SAS -300 Silo and Rail Loadout Baghouse

OPERATING PARAMETERS				
Operating Hours:	0	Throughput:	0	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.00						

(MV) Mine Vent (MV)

OPERATING PARAMETERS				
Operating Hours:	8760	Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:			CX	VT			
Emission in Tons:			34.16	472.16			

NOTE: CX based on estimate of 7.8 pph CO

(901) Cooling Tower - High Flow (CT-1)

OPERATING PARAMETERS				
Operating Hours:	8209	Throughput:	15,000	gal/min
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX						
Emission in Tons:	14.78						

NOTE: PX based on estimate of 0.004 lb PM/Kgal

(902) Cooling Tower - Low Flow (CT-501)

OPERATING PARAMETERS				
Operating Hours:	8254	Throughput:	5,500	gal/min
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX						
Emission in Tons:	5.45						

NOTE: PX based on estimate of 0.004 lb PM/Kgal

(FRP) Emergency Fire Pump Engine (PU-76)

OPERATING PARAMETERS				
Operating Hours:	10	Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:	0.15	M Gal	140,000	BTU/Gal	0.05
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.00	0.04	0.01	0.01	0.00		

Note: Based on operating rate of 14.5 gph; PM at 0.31, NOX at 4.41, CO at 0.95, and SO2 at 0.29 lb/MMBTU

(GND) Generator Engine - (C/S Plant)

OPERATING PARAMETERS				
Operating Hours:	41	Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:	8	M Gal	140,000	BTU/Gal	0.05
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.17	2.44	0.53	0.28	0.16		

Note: Based on operating rate of 14.5 gph; PM at 0.31, NOX at 4.41, CO at 0.95, and SO2 at 0.29 lb/MMBTU

(GNS1) Steam Plant Generator Engine #1 (EG-1)

OPERATING PARAMETERS				
Operating Hours:	26	Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:	4.4	M Gal	140,000	BTU/Gal	0.05
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.09	1.35	0.29	0.15	0.09		

Note: Based on operating rate of 168 gph; PM at 0.31, NOX at 4.41, CO at 0.95, and SO2 at 0.29 lb/MMBTU

(GNS2) Steam Plant Generator Engine #2 (EG-2)

OPERATING PARAMETERS				
Operating Hours:	34	Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:	5.7	M Gal	140,000	BTU/Gal	0.05
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.12	1.76	0.38	0.20	0.12		

Note: Based on operating rate of 168 gph; PM at 0.31, NOX at 4.41, CO at 0.95, and SO2 at 0.29 lb/MMBTU

(PB) Emergency Pony Boiler (bo-pony)

OPERATING PARAMETERS				
Operating Hours:	0	Throughput:	0	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:	0	M Gal	0	BTU/Gal	0
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.00	0.00	0.00	0.00	0.00		

Note: Based on operating rate of 168 gph; PM at 0.31, NOX at 4.41, CO at 0.95, and SO2 at 0.29 lb/MMBTU

(E1) Diesel Pump

OPERATING PARAMETERS				
Operating Hours:	0	Throughput:	0	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:	0	M Gal	0	BTU/Gal	0
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.00	0.00	0.00	0.00	0.00		

(E1) Caterpillar 3306 (GVBH2)

OPERATING PARAMETERS				
Operating Hours:	1534	Throughput:	0	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.00	0.25	0.25	0.12	0.00		

(E2) Zenith 520-4

OPERATING PARAMETERS				
Operating Hours:	3880	Throughput:	0	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.00	0.01	0.03	0.26	0.00		

(01) Fugitive Dust - Haul Roads (FD)

OPERATING PARAMETERS				
Operating Hours:		Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX						
Emission in Tons:	5.39						

NOTE: Based on 7,997 loads of coal, 39.5 tons/load, 2 miles round trip, at 0.68 lbs/VMT.

(02A) Ore Crusher Building #1 (BF-1)

OPERATING PARAMETERS				
Operating Hours:	8760	Throughput:	1,718,011	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	7.01						

(06A) Product Silos-Top (BF-31)

OPERATING PARAMETERS				
Operating Hours:	8760	Throughput:	127,374	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	1.31						

(06B) Product Silos- Bottom #1 (BF-33)

OPERATING PARAMETERS				
Operating Hours:	187	Throughput:	131,979	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.05						

(07) Product Loadout Station (BF-32)

OPERATING PARAMETERS				
Operating Hours:	3744	Throughput:	2,522,504	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.25						

(10) Coal Crushing & Storage (BF-35)

OPERATING PARAMETERS				
Operating Hours:	4346	Throughput:	312,838	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.56						

(11) Coal Transfer Station (BF-39)

OPERATING PARAMETERS				
Operating Hours:	4346	Throughput:	312,838	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.46						

(14) Boiler Coal Bunker (BF-36)

OPERATING PARAMETERS				
Operating Hours:	2303	Throughput:	211,671	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.43						

(15) DR-1 & 2 Steam Tube Dryers (WS-4&5)

OPERATING PARAMETERS				
Operating Hours:	8392	Throughput:	771,037	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:	0	MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT	NS	CS	VE			
Emission in Tons:	8.77	0.0	0.0	0.0			

(16) Dryer Area (BF-24)

OPERATING PARAMETERS				
Operating Hours:	8392	Throughput:	771,037	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	3.78						

(17) "A" and "B" Calciners (EP1&2)

OPERATING PARAMETERS				
Operating Hours:	8276	Throughput:	1,439,276	Tons
NOX CEM (lb/MMBtu):	0.229	SO2 CEM (lb/MMBtu):		

Fuel use is based on belt scale.

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:	101,167	Tons	9,882	BTU/LB	0.72
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2	NH3	
Calculation Method:	PT	NV	CS	VX	ST	OT	
Emission in Tons:	60.00	228.94	1229.671	1065.06	4.14	9.10	

Note: VX is based on 1.48 lb VOC per ton trona ore throughput

(18) #1 Coal Fired Boiler (EP3&WS7)

OPERATING PARAMETERS				
Operating Hours:	8387	Throughput:		Tons
NOX CEM (lb/MMBtu):	0.423	SO2 CEM (lb/MMBtu):	0.019	

Fuel use is based on dedicated meter (belt scale).

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:	105,264	Tons	9,882	BTU/LB	0.72
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PS	NV	CS	VS	SV		
Emission in Tons:	10.40	440.01	52.01	2.08	19.76		

(19) #2 Coal Fired Boiler (EP4&WS8)

OPERATING PARAMETERS				
Operating Hours:	8477	Throughput:		Tons
NOX CEM (lb/MMBtu):	0.478	SO2 CEM (lb/MMBtu):	0.018	

Fuel use is based on dedicated meter (belt scale).

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:	106,407	Tons	9,882	BTU/LB	0.72
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PS	NV	CS	VS	SV		
Emission in Tons:	10.52	502.62	52.58	2.10	18.93		

(24) Boiler Fly Ash Silo (BF-41)

OPERATING PARAMETERS				
Operating Hours:	8760	Throughput:	5,726	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	1.31						

(25) Alkaten Crushing (BF-54)

OPERATING PARAMETERS				
Operating Hours:	8064.947	Throughput:	306,468	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	4.03						

(26) Trona Products Dryer (BF-55)

OPERATING PARAMETERS				
Operating Hours:	7998	Throughput:	47,058	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:	8.1	MMSCF	1019	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA	NS	CS	VE			
Emission in Tons:	2.20	0.41	0.12	0.04			

(27) Trona Products Bagging and Load Out (BF-56)

OPERATING PARAMETERS				
Operating Hours:	233	Throughput:	23,343	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.06						

(30) Lime Bin #1 (BF-507)

OPERATING PARAMETERS				
Operating Hours:	157	Throughput:	9,880	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.02						

(31) Lime Bin #2 (BF-508)

OPERATING PARAMETERS				
Operating Hours:	158	Throughput:	9,880	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.02						

(33) Sulfur Burner (WS-454)

OPERATING PARAMETERS				
Operating Hours:	8664	Throughput:	18,970	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:	0.07	MMSCF	1019	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:		NT			ST		
Emission in Tons:		0.22			0.39		

(35) Sulfite Dryer (WS-455)

OPERATING PARAMETERS				
Operating Hours:	8278	Throughput:	58,033	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT						
Emission in Tons:	3.35						

(36) Sulfite Product Bin #1 (BF-503)

OPERATING PARAMETERS				
Operating Hours:	2759.333	Throughput:	19,344	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.14						

(37) Sulfite Product Bin #2 (BF-504)

OPERATING PARAMETERS				
Operating Hours:	2759.333	Throughput:	19,344	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.14						

(38) Sulfite Product Bin #3 (BF-505)

OPERATING PARAMETERS				
Operating Hours:	2760.333		19,344	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.14						

(42) CS-13 Sulfite HCL Tank Vent (TA-501)

OPERATING PARAMETERS				
Operating Hours:	2	Throughput:	48	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2	HCl Vapor	
Calculation Method:						OX	
Emission in Tons:						0.00	

NOTE: OX based on 0.15 pounds HCl vapor per ton HCl

(43) Sulfur Storage Tank (TA-501)

OPERATING PARAMETERS				
Operating Hours:	379	Throughput:	18,970	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2	OTHER	
Calculation Method:						H2S-OX	
Emission in Tons:						0.19	

NOTE: H2S-OX is based on 0.001% of sulfur throughput being emitted as H2S

(44) Lime Unloading (BF-509)

OPERATING PARAMETERS				
Operating Hours:	315	Hours	19,760	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.03						

(46) Ore Transfer Station (BF-62)

OPERATING PARAMETERS				
Operating Hours:	8760	Throughput:	1,718,011	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	3.11						

(48) "C" Calciner (EP-5)

OPERATING PARAMETERS				
Operating Hours:	3853	Throughput:	476,594	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:	463	MMSCF	1019	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT	NT	CS	VX			
Emission in Tons:	9.57	4.72	488.31	78.64			

Note: VX is based on 0.33 lb VOC per ton trona ore throughput

(50) "C" Train Dryer Area (BF-84)

OPERATING PARAMETERS				
Operating Hours:	8432	Throughput:	812,220	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.95						

(51) Product Dryer #5 (EP-6)

OPERATING PARAMETERS				
Operating Hours:	8432	Throughput:	812,220	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:	697	MMSCF	1019	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT	NT	CT	VE			
Emission in Tons:	3.79	35.51	177.56	1.10			

(52) Product Silo- Top #2 (BF-79)

OPERATING PARAMETERS				
Operating Hours:	8,539	Throughput:	2,420,111	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.13						

(53) Product Silo- Bottom #2 (BF-86)

OPERATING PARAMETERS				
Operating Hours:	3557	Throughput:	2,390,525	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.80						

(54) T-200 Storage Bin (BF-103)

OPERATING PARAMETERS				
Operating Hours:	8,760	Throughput:	6,943	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.83						

(62) Carbon Bin (BF-100)

OPERATING PARAMETERS				
Operating Hours:	59	Throughput:	592	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.01						

(63) Perlite Bin (BF-101)

OPERATING PARAMETERS				
Operating Hours:	126	Throughput:	1258	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.01						

(64) Sulfite Blending #2 (BF-601)

OPERATING PARAMETERS				
Operating Hours:	111	Throughput:	159	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.00						

(65) Sulfite Blending #1 (BF-602)

OPERATING PARAMETERS				
Operating Hours:	1002.4	Throughput:	1432	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.02						

(66) Carbon/Perlite Scrubber (WS-2)

OPERATING PARAMETERS				
Operating Hours:	8760	Throughput:	1850	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.54						

(67) Bottom Ash (BF-42)

OPERATING PARAMETERS				
Operating Hours:	8760	Throughput:	5,726	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.06						

(68) Trona Products Bagging Silo (68)

OPERATING PARAMETERS				
Operating Hours:	120	Throughput:	2,871	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.02						

(70) Sodium Sulfite Bagging Silo (BF-206)

OPERATING PARAMETERS				
Operating Hours:	327	Throughput:	5,403	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.04						

(71) Metabisulfite Bagging Silo (71)

OPERATING PARAMETERS				
Operating Hours:	350	Throughput:	5,773	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.05						

(72) MBS Soda Ash Feed Silo (72)

OPERATING PARAMETERS				
Operating Hours:	1288	Throughput:	3,220	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.05						

(73) Metabisulfite Dryer (73)

OPERATING PARAMETERS				
Operating Hours:	3848.667	Throughput:	5,773	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:	6.84	MMSCF	1019	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT	NS	CS	VX	ST		
Emission in Tons:	0.12	0.35	0.14	0.02	0.46		

NOTE: VX is based on estimate of 0.01 lb VOC/hr

(76) "D" Train Primary Ore Screening

OPERATING PARAMETERS				
Operating Hours:	8343	Throughput:	2,367,952	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	10.22						

(79) Ore Transfer Point (79)

OPERATING PARAMETERS				
Operating Hours:	8343	Throughput:	2,367,952	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	3.50						

(80) "D" Ore Calciner (80)

OPERATING PARAMETERS				
Operating Hours:	8099	Throughput:	1,814,177	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:	1788	MMSCF	1019	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT	NS	CE	VX			
Emission in Tons:	36.08	45.55	2386.78	154.21			

NOTE: VX based on 0.17 lb VOC per ton trona ore throughput

(81) "D" Train Dryer Area (81)

OPERATING PARAMETERS				
Operating Hours:	8539	Throughput:	964,228	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.13						

(82) DR-6 Product Dryer

OPERATING PARAMETERS				
Operating Hours:	8539	Throughput:	964,228	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:	778	MMSCF	1019	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT	NS	CS	VE			
Emission in Tons:	10.84	59.46	27.75	1.11			

(88) Trona Products Transloading #2

OPERATING PARAMETERS				
Operating Hours:	1248	Throughput:	41,824	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.12						

(88b) Trona Products Transloading #3

OPERATING PARAMETERS				
Operating Hours:	0	Throughput:	0	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.00						

(89) Bisulfite Loadout Facility

OPERATING PARAMETERS				
Operating Hours:	386	Throughput:	2,387	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:					SA		
Emission in Tons:					0.01		

(90) Blending Bag Dump #1 (Bag Dump - C)

OPERATING PARAMETERS				
Operating Hours:	516	Throughput:	57	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.01						

(91) Blending Bag Dump #2 (Bag Dump - D)

OPERATING PARAMETERS				
Operating Hours:	60	Throughput:	40	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.00						

(92) Trona Products Bin #2 (AQD #92)

OPERATING PARAMETERS				
Operating Hours:	4182.4	Throughput:	83,648	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.63						

(93) Trona Products Rail Loadout (AQD #93)

OPERATING PARAMETERS				
Operating Hours:	836	Throughput:	83,648	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.07						

(94) Sulfite Loadout (AQD #94)

OPERATING PARAMETERS				
Operating Hours:	659	Throughput:	49,448	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.10						

(95) Trona Products Loadout Bin (AQD #95)

OPERATING PARAMETERS				
Operating Hours:	836	Throughput:	83,648	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.04						

(96) TPX Bin #1 Baghouse (AQD #96)

OPERATING PARAMETERS				
Operating Hours:	0	Throughput:	0	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.00						

(97) TPX Bin #2 Baghouse (AQD #97)

OPERATING PARAMETERS				
Operating Hours:	0	Throughput:	0	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.00						

(98) TPX Area Baghouse (AQD #98)

OPERATING PARAMETERS				
Operating Hours:	49	Throughput:	1,731	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.01						

(99) Crusher Baghouse #2 (AQD #99)

OPERATING PARAMETERS				
Operating Hours:	8,760	Throughput:	1,718,011	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	14.02						

(100) Calciner Coal Bunker (AQD #100)

OPERATING PARAMETERS				
Operating Hours:	2,043	Throughput:	101,167	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.20						

(101) Fluid Bed Dryer Baghouse (101)

OPERATING PARAMETERS				
Operating Hours:	8,198	Throughput:	109,801	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:	11.9	MMSCF	1019	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA	NA	CA	VE			
Emission in Tons:	8.20	2.05	0.82	0.04			

(102) T-200 Silos Baghouse (102)

OPERATING PARAMETERS				
Operating Hours:	739	Throughput:	147,839	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.22						

(103) East Ore Reclaim Baghouse (103)

OPERATING PARAMETERS				
Operating Hours:	8,760	Throughput:	859,006	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	1.45						

(104) West Ore Reclaim Baghouse (104)

OPERATING PARAMETERS				
Operating Hours:	8,760	Throughput:	859,006	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	1.18						

(105) SAS Dryer #1 Baghouse

OPERATING PARAMETERS				
Operating Hours:	2,134	Throughput:	15,290	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.47						

(106) SAS -300 Silo and Rail Loadout Baghouse

OPERATING PARAMETERS				
Operating Hours:	49	Throughput:	13,559	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.00						

(MV) Mine Vent (MV)

OPERATING PARAMETERS				
Operating Hours:	8760	Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:			CX	VT			
Emission in Tons:			34.16	472.16			

NOTE: CX based on estimate of 7.8 pph CO

(901) Cooling Tower - High Flow (CT-1)

OPERATING PARAMETERS				
Operating Hours:	8317	Throughput:	15,000	gal/min
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX						
Emission in Tons:	14.97						

NOTE: PX based on estimate of 0.004 lb PM/Kgal

OPERATING PARAMETERS				
Operating Hours:	8278	Throughput:	5,500	gal/min
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX						
Emission in Tons:	5.46						

NOTE: PX based on estimate of 0.004 lb PM/Kgal

(FRP) Emergency Fire Pump Engine (PU-76)

OPERATING PARAMETERS				
Operating Hours:	20	Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:	0.3	M Gal	140,000	BTU/Gal	0.05
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.01	0.09	0.02	0.01	0.01		

Note: Based on operating rate of 14.5 gph; PM at 0.31, NOX at 4.41, CO at 0.95, and SO2 at 0.29 lb/MMBTU

(GND) Generator Engine - (C/S Plant)

OPERATING PARAMETERS				
Operating Hours:	3	Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:	8	M Gal	140,000	BTU/Gal	0.05
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.01	0.18	0.04	0.02	0.01		

Note: Based on operating rate of 14.5 gph; PM at 0.31, NOX at 4.41, CO at 0.95, and SO2 at 0.29 lb/MMBTU

(GNS1) Steam Plant Generator Engine #1 (EG-1)

OPERATING PARAMETERS				
Operating Hours:	72	Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:	12.2	M Gal	140,000	BTU/Gal	0.05
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.26	3.73	0.80	0.42	0.25		

Note: Based on operating rate of 168 gph; PM at 0.31, NOX at 4.41, CO at 0.95, and SO2 at 0.29 lb/MMBTU

(GNS2) Steam Plant Generator Engine #2 (EG-2)

OPERATING PARAMETERS				
Operating Hours:	72	Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:	12.2	M Gal	140,000	BTU/Gal	0.05
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.26	3.73	0.80	0.42	0.25		

Note: Based on operating rate of 168 gph; PM at 0.31, NOX at 4.41, CO at 0.95, and SO2 at 0.29 lb/MMBTU

(PB) Emergency Pony Boiler (bo-pony)

OPERATING PARAMETERS				
Operating Hours:	0	Throughput:	0	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:	0	M Gal	0	BTU/Gal	0
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.00	0.00	0.00	0.00	0.00		

Note: Based on operating rate of 168 gph; PM at 0.31, NOX at 4.41, CO at 0.95, and SO2 at 0.29 lb/MMBTU

(E1) Diesel Pump

OPERATING PARAMETERS				
Operating Hours:	0	Throughput:	0	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:	0	M Gal	0	BTU/Gal	0
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.00	0.00	0.00	0.00	0.00		

(E1) Caterpillar 3306 (GVBH2)

OPERATING PARAMETERS				
Operating Hours:	0	Throughput:	0	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.00	0.00	0.00	0.00	0.00		

(E2) Zenith 520-4

OPERATING PARAMETERS				
Operating Hours:	1056	Throughput:	0	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.00	0.01	0.00	0.11	0.00		

(E3) Waukesha F18GSI

OPERATING PARAMETERS				
Operating Hours:	0	Throughput:	0	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.00	0.00	0.00	0.00	0.00		

(E4) GM 8.5L Engine

OPERATING PARAMETERS				
Operating Hours:	3916	Throughput:	0	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.00	0.02	0.02	0.02	0.00		

(E5) GM 4.3L Engine

OPERATING PARAMETERS				
Operating Hours:	0	Throughput:	0	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.00	0.00	0.00	0.00	0.00		

Incinerator

OPERATING PARAMETERS				
Operating Hours:	3700	Throughput:	0	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:	200	MMSCF	900	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.00	5.40	3.15	0.72	0.00		

TOTALS

(01) Fugitive Dust - Haul Roads (FD)

OPERATING PARAMETERS				
Operating Hours:		Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX						
Emission in Tons:	5.06						

NOTE: Based on 7,436 loads of coal, 39.5 tons/load, 2 miles round trip, at 0.68 lbs/VMT.

(02A) Ore Crusher Building #1 (BF-1)

OPERATING PARAMETERS				
Operating Hours:	8760	Throughput:	1,188,073	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	7.01						

(06A) Product Silos-Top (BF-31)

OPERATING PARAMETERS				
Operating Hours:	8760	Throughput:	71,286	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	1.31						

(06B) Product Silos- Bottom #1 (BF-33)

OPERATING PARAMETERS				
Operating Hours:	112	Throughput:	77,125	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.03						

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(07) Product Loadout Station (BF-32)

OPERATING PARAMETERS				
Operating Hours:	3744	Throughput:	2,376,202	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.25						

(10) Coal Crushing & Storage (BF-35)

OPERATING PARAMETERS				
Operating Hours:	4036	Throughput:	293,704	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.52						

(11) Coal Transfer Station (BF-39)

OPERATING PARAMETERS				
Operating Hours:	4036	Throughput:	293,704	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.42						

(14) Boiler Coal Bunker (BF-36)

OPERATING PARAMETERS				
Operating Hours:	1591	Throughput:	214,209	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.29						

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(15) DR-1 & 2 Steam Tube Dryers (WS-4&5)

OPERATING PARAMETERS				
Operating Hours:	8147	Throughput:	706,636	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:	0	MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT	NS	CS	VE			
Emission in Tons:	8.51	0.0	0.0	0.0			

(16) Dryer Area (BF-24)

OPERATING PARAMETERS				
Operating Hours:	8147	Throughput:	706,636	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	3.67						

(17) "A" and "B" Calciners (EP1&2)

OPERATING PARAMETERS				
Operating Hours:	8133	Throughput:	1,032,285	Tons
NOX CEM (lb/MMBtu):	0.23	SO2 CEM (lb/MMBtu):		

Fuel use is based on belt scale.

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:	79,495	Tons	9,814	BTU/LB	0.74
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2	NH3	
Calculation Method:	PT	NV	CS	VX	ST	OT	
Emission in Tons:	21.59	179.44	959.6016	763.89	4.07	8.95	

Note: VX is based on 1.48 lb VOC per ton trona ore throughput

(18) #1 Coal Fired Boiler (EP3&WS7)

OPERATING PARAMETERS				
Operating Hours:	8230	Throughput:		Tons
NOX CEM (lb/MMBtu):	0.495	SO2 CEM (lb/MMBtu):	0.022	

Fuel use is based on dedicated meter (belt scale).

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:	105,862	Tons	9,814	BTU/LB	0.74
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PS	NV	CS	VS	SV		
Emission in Tons:	10.39	514.27	51.95	2.08	22.86		

OPERATING PARAMETERS				
Operating Hours:	8422	Throughput:		Tons
NOX CEM (lb/MMBtu):	0.501	SO2 CEM (lb/MMBtu):	0.017	

Fuel use is based on dedicated meter (belt scale).

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:	108,347	Tons	9,814	BTU/LB	0.74
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PS	NV	CS	VS	SV		
Emission in Tons:	10.63	532.72	53.17	2.13	18.08		

(24) Boiler Fly Ash Silo (BF-41)

OPERATING PARAMETERS				
Operating Hours:	8760	Throughput:	5,152	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	1.31						

(25) Alkaten Crushing (BF-54)

OPERATING PARAMETERS				
Operating Hours:	7969	Throughput:	302,839	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	3.98						

(26) Trona Products Dryer (BF-55)

OPERATING PARAMETERS				
Operating Hours:	8045	Throughput:	41,642	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:	12.8	MMSCF	1020	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA	NS	CS	VE			
Emission in Tons:	2.21	0.65	0.20	0.04			

(27) Trona Products Bagging and Load Out (BF-56)

OPERATING PARAMETERS				
Operating Hours:	247	Throughput:	24,706	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.06						

(30) Lime Bin #1 (BF-507)

OPERATING PARAMETERS				
Operating Hours:	206	Throughput:	8,401	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.02						

(31) Lime Bin #2 (BF-508)

OPERATING PARAMETERS				
Operating Hours:	206	Throughput:	8,401	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.02						

(33) Sulfur Burner (WS-454)

OPERATING PARAMETERS				
Operating Hours:	7979	Throughput:	17,410	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:	0.05	MMSCF	1020	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:		NT			ST		
Emission in Tons:		0.20			0.36		

(35) Sulfite Dryer (WS-455)

OPERATING PARAMETERS				
Operating Hours:	8181	Throughput:	64,951	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT						
Emission in Tons:	3.31						

(36) Sulfite Product Bin #1 (BF-503)

OPERATING PARAMETERS				
Operating Hours:	2727	Throughput:	21,650	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.14						

(37) Sulfite Product Bin #2 (BF-504)

OPERATING PARAMETERS				
Operating Hours:	2727	Throughput:	21,650	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.14						

(38) Sulfite Product Bin #3 (BF-505)

OPERATING PARAMETERS				
Operating Hours:	2728		21,650	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.14						

C3-13 Sulfite HCL Tank Vent (TA-501)

OPE		RS		
Operating Hours:	7	Throughput:	168	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2	HCl Vapor	
Calculation Method:						OX	
Emission in Tons:						0.01	

NOTE: OX based on 0.15 pounds HCl vapor per ton HCl

(43) Sulfur Storage Tank (TA-501)

OPERATING PARAMETERS				
Operating Hours:	348	Throughput:	17,410	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2	OTHER	
Calculation Method:						H2S-OX	
Emission in Tons:						0.17	

NOTE: H2S-OX is based on 0.001% of sulfur throughput being emitted as H2S

(44) Lime Unloading (BF-509)

OPERATING PARAMETERS				
Operating Hours:	412	Hours	16,802	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.04						

(46) Ore Transfer Station (BF-62)

OPERATING PARAMETERS				
Operating Hours:	8760	Throughput:	1,188,073	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	3.11						

(48) "C" Calciner (EP-5)

OPERATING PARAMETERS				
Operating Hours:	6158	Throughput:	672,935	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:	737	MMSCF	1020	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT	NT	CS	VX			
Emission in Tons:	15.30	7.52	778.05	111.03			

Note: VX is based on 0.33 lb VOC per ton trona ore throughput

(50) "C" Train Dryer Area (BF-84)

OPERATING PARAMETERS				
Operating Hours:	8563	Throughput:	835,022	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	3.00						

(51) Product Dryer #5 (EP-6)

OPERATING PARAMETERS				
Operating Hours:	8563	Throughput:	835,022	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:	712	MMSCF	1020	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT	NT	CT	VE			
Emission in Tons:	3.85	36.31	181.56	1.11			

(52) Product Silo- Top #2 (BF-79)

OPERATING PARAMETERS				
Operating Hours:	8,725	Throughput:	2,333,742	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.18						

(53) Product Silo- Bottom #2 (BF-86)

OPERATING PARAMETERS				
Operating Hours:	3632	Throughput:	2,299,077	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.82						

(54) T-200 Storage Bin (BF-103)

OPERATING PARAMETERS				
Operating Hours:	8,760	Throughput:	5,309	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.83						

(62) Carbon Bin (BF-100)

OPERATING PARAMETERS				
Operating Hours:	68	Throughput:	684	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.01						

(63) Perlite Bin (BF-101)

OPERATING PARAMETERS				
Operating Hours:	115	Throughput:	1146	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.01						

(64) Sulfite Blending #2 (BF-601)

OPERATING PARAMETERS				
Operating Hours:	179	Throughput:	125	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.01						

(65) Sulfite Blending #1 (BF-602)

OPERATING PARAMETERS				
Operating Hours:	1601.429	Throughput:	1121	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.02						

(66) Carbon/Perlite Scrubber (WS-2)

OPERATING PARAMETERS				
Operating Hours:	8760	Throughput:	1830	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.54						

(67) Bottom Ash (BF-42)

OPERATING PARAMETERS				
Operating Hours:	8760	Throughput:	5,152	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.06						

(68) Trona Products Bagging Silo (68)

OPERATING PARAMETERS				
Operating Hours:	89	Throughput:	2,145	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.02						

(70) Sodium Sulfite Bagging Silo (BF-206)

OPERATING PARAMETERS				
Operating Hours:	338	Throughput:	5,576	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.05						

(71) Metabisulfite Bagging Silo (71)

OPERATING PARAMETERS				
Operating Hours:	183	Throughput:	3,018	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.02						

(72) MBS Soda Ash Feed Silo (72)

OPERATING PARAMETERS				
Operating Hours:	677	Throughput:	1,693	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.02						

(73) Metabisulfite Dryer (73)

OPERATING PARAMETERS				
Operating Hours:	2012	Throughput:	3,018	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:	4.54	MMSCF	1020	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT	NS	CS	VX	ST		
Emission in Tons:	0.06	0.23	0.09	0.01	0.24		

NOTE: VX is based on estimate of 0.01 lb VOC/hr

(76) "D" Train Primary Ore Screening

OPERATING PARAMETERS				
Operating Hours:	8460	Throughput:	2,658,709	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	10.36						

(79) Ore Transfer Point (79)

OPERATING PARAMETERS				
Operating Hours:	8460	Throughput:	2,658,709	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	3.55						

(80) "D" Ore Calciner (80)

OPERATING PARAMETERS				
Operating Hours:	8364	Throughput:	1,848,623	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	**Quantity**	**Units**	**Heat Content**		**Sulfur (%)**
N Gas:	1745	MMSCF	1020	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT	NS	CE	VX			
Emission in Tons:	17.31	44.50	2331.67	157.13			

NOTE: VX based on 0.17 lb VOC per ton trona ore throughput

(81) "D" Train Dryer Area (81)

OPERATING PARAMETERS				
Operating Hours:	8495	Throughput:	864,262	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	2.12						

(82) DR-6 Product Dryer

OPERATING PARAMETERS				
Operating Hours:	8495	Throughput:	864,262	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

Fuel use is based on dedicated meter.

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:	761	MMSCF	1020	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PT	NS	CS	VE			
Emission in Tons:	6.41	58.22	27.17	1.10			

(88) Trona Products Transloading #2

OPERATING PARAMETERS				
Operating Hours:	1248	Throughput:	46,997	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.12						

(89) Bisulfite Loadout Facility

OPERATING PARAMETERS				
Operating Hours:	397	Throughput:	2,383	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:					SA		
Emission in Tons:					0.01		

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(90) Blending Bag Dump #1 (Bag Dump - C)

OPERATING PARAMETERS				
Operating Hours:	405	Throughput:	45	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.01						

(91) Blending Bag Dump #2 (Bag Dump - D)

OPERATING PARAMETERS				
Operating Hours:	47	Throughput:	31	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.00						

(92) Trona Products Bin #2 (AQD #92)

OPERATING PARAMETERS				
Operating Hours:	4699.75	Throughput:	93,995	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.70						

(93) Trona Products Rail Loadout (AQD #93)

OPERATING PARAMETERS				
Operating Hours:	940	Throughput:	93,995	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.08						

(94) Sulfite Loadout (AQD #94)

OPERATING PARAMETERS				
Operating Hours:	758	Throughput:	56,883	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.11						

(95) Trona Products Loadout Bin (AQD #95)

OPERATING PARAMETERS				
Operating Hours:	940	Throughput:	93,995	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.05						

(96) TPX Bin #1 Baghouse (AQD #96)

OPERATING PARAMETERS				
Operating Hours:	0	Throughput:	0	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.00						

(97) TPX Bin #2 Baghouse (AQD #97)

OPERATING PARAMETERS				
Operating Hours:	0	Throughput:	0	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.00						

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OPERATING PARAMETERS				
Operating Hours:	89	Throughput:	3,102	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.02						

(99) Crusher Baghouse #2 (AQD #99)

OPERATING PARAMETERS				
Operating Hours:	8,760	Throughput:	1,188,073	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	14.02						

(100) Calciner Coal Bunker (AQD #100)

OPERATING PARAMETERS				
Operating Hours:	2,445	Throughput:	79,495	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.24						

(101) Fluid Bed Dryer Baghouse (101)

OPERATING PARAMETERS				
Operating Hours:	8,169	Throughput:	97,165	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:	15	MMSCF	1020	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA	NA	CA	VE			
Emission in Tons:	8.17	2.04	0.82	0.04			

(102) T-200 Silos Baghouse (102)

OPERATING PARAMETERS				
Operating Hours:	648	Throughput:	129,687	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.19						

(103) East Ore Reclaim Baghouse (103)

OPERATING PARAMETERS				
Operating Hours:	8,760	Throughput:	594,037	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	1.45						

(104) West Ore Reclaim Baghouse (104)

OPERATING PARAMETERS				
Operating Hours:	8,760	Throughput:	594,037	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	1.18						

(105) SAS Dryer #1 Baghouse

OPERATING PARAMETERS				
Operating Hours:	5,488	Throughput:	39,630	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	1.20						

(106) SAS -300 Silo and Rail Loadout Baghouse

OPERATING PARAMETERS				
Operating Hours:	133	Throughput:	36,528	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PA						
Emission in Tons:	0.01						

(MV) Mine Vent (MV)

OPERATING PARAMETERS				
Operating Hours:	8760	Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:			CX	VT			
Emission in Tons:			34.16	472.16			

NOTE: CX based on estimate of 7.8 pph CO

(901) Cooling Tower - High Flow (CT-1)

OPERATING PARAMETERS				
Operating Hours:	7748	Throughput:	15,000	gal/min
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX						
Emission in Tons:	13.95						

NOTE: PX based on estimate of 0.004 lb PM/Kgal

(902) Cooling Tower - Low Flow (CT-501)

OPERATING PARAMETERS				
Operating Hours:	8181	Throughput:	5,500	gal/min
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX						
Emission in Tons:	5.40						

NOTE: PX based on estimate of 0.004 lb PM/Kgal

(FRP) Emergency Fire Pump Engine (PU-76)

OPERATING PARAMETERS				
Operating Hours:	60	Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:	0.9	M Gal	140,000	BTU/Gal	0.05
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.02	0.27	0.06	0.03	0.02		

Note: Based on operating rate of 14.5 gph; PM at 0.31, NOX at 4.41, CO at 0.95, and SO2 at 0.29 lb/MMBTU

(GND) Generator Engine - (C/S Plant)

OPERATING PARAMETERS				
Operating Hours:	3	Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:	8	M Gal	140,000	BTU/Gal	0.05
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.01	0.18	0.04	0.02	0.01		

Note: Based on operating rate of 14.5 gph; PM at 0.31, NOX at 4.41, CO at 0.95, and SO2 at 0.29 lb/MMBTU

(GNS1) Steam Plant Generator Engine #1 (EG-1)

OPERATING PARAMETERS				
Operating Hours:	80	Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:	13.4	M Gal	140,000	BTU/Gal	0.05
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.29	4.15	0.89	0.47	0.27		

Note: Based on operating rate of 168 gph; PM at 0.31, NOX at 4.41, CO at 0.95, and SO2 at 0.29 lb/MMBTU

(GNS2) Steam Plant Generator Engine #2 (EG-2)

OPERATING PARAMETERS				
Operating Hours:	80	Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:	13.4	M Gal	140,000	BTU/Gal	0.05
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.29	4.15	0.89	0.47	0.27		

Note: Based on operating rate of 168 gph; PM at 0.31, NOX at 4.41, CO at 0.95, and SO2 at 0.29 lb/MMBTU

(PB) Emergency Pony Boiler (bo-pony)

OPERATING PARAMETERS				
Operating Hours:	0	Throughput:	0	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:	0	M Gal	0	BTU/Gal	0
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.00	0.00	0.00	0.00	0.00		

Note: Based on operating rate of 168 gph; PM at 0.31, NOX at 4.41, CO at 0.95, and SO2 at 0.29 lb/MMBTU

(E2) Zenith 520-4

OPERATING PARAMETERS				
Operating Hours:	0	Throughput:	0	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.00	0.00	0.00	0.00	0.00		

(E3) Waukesha F18GSI

OPERATING PARAMETERS				
Operating Hours:	0	Throughput:	0	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.00	0.00	0.00	0.00	0.00		

(E4) GM 8.5L Engine

OPERATING PARAMETERS				
Operating Hours:	6721	Throughput:	0	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:	11.3	MMSCF	850	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.00	0.04	0.03	0.03	0.00		

(E5) GM 4.3L Engine

OPERATING PARAMETERS				
Operating Hours:	0	Throughput:	0	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.00	0.00	0.00	0.00	0.00		

(110) Incinerator

OPERATING PARAMETERS				
Operating Hours:	6402	Throughput:	0	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:	307.5	MMSCF	850	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.00	7.84	4.57	1.05	0.00		

(115) TEG Dehydrator

OPERATING PARAMETERS				
Operating Hours:	0	Throughput:	0	Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:	0	MMSCF	0	BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.00	0.00	0.00	0.00	0.00		

(EG3) Caterpillar 3456 Generator

OPERATING PARAMETERS				
Operating Hours:	36	Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.00	0.19	0.23	0.00	0.00		

(EG4a) Volvo TAD1353GE Generator (EG-4a)

OPERATING PARAMETERS				
Operating Hours:	18	Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.00	0.04	0.03	0.00	0.00		

(EG4b) Volvo TAD1353GE Generator (EG-4b)

OPERATING PARAMETERS				
Operating Hours:	21	Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.00	0.04	0.04	0.00	0.00		

(EG4c) Volvo TAD1353GE Generator (EG-4c)

OPERATING PARAMETERS				
Operating Hours:	25	Throughput:		Tons
NOX CEM (lb/MMBtu):		SO2 CEM (lb/MMBtu):		

OPERATING FUELS (If applicable)					
Fuel	Quantity	Units	Heat Content		Sulfur (%)
N Gas:		MMSCF		BTU/SCF	
Coal:		Tons		BTU/LB	
Oil:		M Gal		BTU/Gal	
				BTU/	

POLLUTANT EMISSIONS							
	PART	NOX	CO	VOC	SO2		
Calculation Method:	PX	NX	CX	VX	SX		
Emission in Tons:	0.00	0.05	0.04	0.00	0.00		