Facility General Information

General facility information to review and update (please use red or blue ink to update).

Section 1: Facility Identifactio

a.) County Code:	089	**b.) Plant ID:**	00382
c.) Facility Name:	INDIANA HARBOR COKE COMPANY		

Section 2: Physical Address:

a.) Source Address:	3210 WATLING STREET
b.) Source City and Zip Code:	EAST CHICAGO, 46312

Section 3: Mailing Address:

a.) Corporate Name:	
b.) Mailing Address:	
c.) Mailing City, State, Zip Code:	,

Section 4: Source Location

a.)	**UTM Vertical:**	4300	**UTM Horizontal:**	680
b.)	**Latitude:**	384955	**Longitude:**	845535

Section 5: Industrial Classificatio

a.)	**Primary NAICS Code:**	324199	All Other Petroleum and Coal Products Manufacturing
b.)	**Primary SIC Code:**	3312	Steel Works, Blast Furnaces (Including Coke Ovens), and Rol

Section 6: Contact Informatio

a.)	**Emissions Contact Official and Title:**	G. BRADLEY JR.,
b.)	**Emissions Contact Phone Number:**	(219) 397-2180
c.)	**Emissions Contact Fax Number:**	(219) 397-4590
d.)	**Emissions Contact E-Mail Address:**	george_jr_bradley@sunoil.com
e.)	**Year of Inventory:**	2002
f.)	**Date Updated**	
g.)	**Signature:**	

Stack Parameters

Stack Information to Review and Update (please use red or blue ink to update). Use a blank form to add stacks.

Section 7: Stack Information

a.) ID #	b.) Description	c.) Height (ft)	d.) Diameter (ft)	e.) Flow (acfm)	f.) Temp (f)	g.) UTM Vertical or Latitude	h.) UTM Horizontal or
1	HRCCF MAIN STACK 201	295	18	866000	280	384955	845535
2	CHARGING STACK 202/203	10	2.75	28000	87	384955	845535
3	VENT STACK	83	7.83	116000	1500	384955	845535

Abatement Equipment Information

Abatement equipment information to review and update (please use red or blue ink to update).
Use a blank form to add abatement equipment.

Section 8: Abatement Equipment

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
2	099	MISCELLANEOUS CONTROL DEVICES - 006, 1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PM10	PARTICULATE MATTER 10	99
PT	TOTAL PARTICULATE MATTER	99

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
3	099	MISCELLANEOUS CONTROL DEVICES - 007, 1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PM10	PARTICULATE MATTER 10	70
PT	TOTAL PARTICULATE MATTER	70

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
4	099	MISCELLANEOUS CONTROL DEVICES - 008, 1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PM10	PARTICULATE MATTER 10	99
PT	TOTAL PARTICULATE MATTER	99

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
5	099	MISCELLANEOUS CONTROL DEVICES - 009, 1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PM10	PARTICULATE MATTER 10	99
PT	TOTAL PARTICULATE MATTER	99

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
6	099	MISCELLANEOUS CONTROL DEVICES - 010, 1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PT	TOTAL PARTICULATE MATTER	99
PM10	PARTICULATE MATTER 10	99

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
7	099	MISCELLANEOUS CONTROL DEVICES - 011, 1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PM10	PARTICULATE MATTER 10	99.999
PT	TOTAL PARTICULATE MATTER	99.999

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
8	099	MISCELLANEOUS CONTROL DEVICES - 012, 1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PM10	PARTICULATE MATTER 10	99.999
PT	TOTAL PARTICULATE MATTER	99.999

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
9	099	MISCELLANEOUS CONTROL DEVICES - 013, 1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PT	TOTAL PARTICULATE MATTER	70
PM10	PARTICULATE MATTER 10	70

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
11	099	MISCELLANEOUS CONTROL DEVICES - 015, 1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PT	TOTAL PARTICULATE MATTER	70
PM10	PARTICULATE MATTER 10	70

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
12	099	MISCELLANEOUS CONTROL DEVICES - 016, 1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PT	TOTAL PARTICULATE MATTER	99.999
PM10	PARTICULATE MATTER 10	99.999

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
13	099	MISCELLANEOUS CONTROL DEVICES - 017, 1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PM10	PARTICULATE MATTER 10	99.999
PT	TOTAL PARTICULATE MATTER	99.999

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
14	099	MISCELLANEOUS CONTROL DEVICES - 019, 1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PM10	PARTICULATE MATTER 10	99.999
PT	TOTAL PARTICULATE MATTER	99.999

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
15	099	MISCELLANEOUS CONTROL DEVICES - 024, 1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PT	TOTAL PARTICULATE MATTER	50
PM10	PARTICULATE MATTER 10	50

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
16	099	MISCELLANEOUS CONTROL DEVICES - 025, 1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PM10	PARTICULATE MATTER 10	50
PT	TOTAL PARTICULATE MATTER	50

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
17	099	MISCELLANEOUS CONTROL DEVICES - 018, 1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PM10	PARTICULATE MATTER 10	99.99
PT	TOTAL PARTICULATE MATTER	99.99

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
18	099	MISCELLANEOUS CONTROL DEVICES - 020,1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PM10	PARTICULATE MATTER 10	70
PT	TOTAL PARTICULATE MATTER	70

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
19	099	MISCELLANEOUS CONTROL DEVICES - 021,1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PM10	PARTICULATE MATTER 10	70
PT	TOTAL PARTICULATE MATTER	70

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
20	099	MISCELLANEOUS CONTROL DEVICES - 026,1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PM10	PARTICULATE MATTER 10	90
PT	TOTAL PARTICULATE MATTER	90

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
21	099	MISCELLANEOUS CONTROL DEVICES - 030, 1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PM10	PARTICULATE MATTER 10	99
PT	TOTAL PARTICULATE MATTER	99

Group/Process/Emissions Information

Please complete information for Groups, Processes and Emissions (please use red or blue ink to update). All highlighted items must be completed. Use a blank form to add groups, processes, and

Section 9: Group Information

a.) Group Number: 001	**b.) Description:** HRCCF MAIN STACK			
Operating Schedule:	**c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)				
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**	

Section 10. Process Information

a.) Process Number: 1	b.) Description: HRCCF MAIN STACK	
c.) Source Classification Code (SCC): 30300399	d.) Units: Tons Coal Charged	
e.) Stack Number: 1	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 232.6		
k.) Abatement Equipment Order	l.) Abatement Equipment ID	m.) Capture Efficiency:

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
CO	CARBON MONOXIDE	9	.283	0	
NO2	NITROGEN DIOXIDE	9	0.89	0	
PB	LEAD	9	0.000054	0	
VOC	VOLATILE ORGANIC COMPOUNDS	9	0.001	0	

Section 9: Group Information

a.) Group Number: 002	**b.) Description:** CHARGING MACHINE			
Operating Schedule:	**c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)				
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**	

Section 10. Process Information

a.) Process Number: 1	b.) Description: CHARGING MACHINE	
c.) Source Classification Code (SCC): 30300302	d.) Units: Tons Coal Charged	
e.) Stack Number: 2	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 232.6		
k.) Abatement Equipment Order	l.) Abatement Equipment ID	m.) Capture Efficiency:

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
CO	CARBON MONOXIDE	9	0.092	0	
NO2	NITROGEN DIOXIDE	9	0.0032	0	
PB	LEAD	9	0000012	0	
PM10	PARTICULATE MATTER 10	9	0.0048	0	
PT	TOTAL PARTICULATE MATTER	9	0.0048	0	
SO2	SULFUR DIOXIDE	9	0.00675	0	
VOC	VOLATILE ORGANIC COMPOUNDS	9	0.000032	0	

Section 9: Group Information

a.) Group Number: 003	**b.) Description:** PUSHING			
Operating Schedule:	**c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)				
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**	

Section 10. Process Information

a.) Process Number: 1	b.) Description: PUSHING	
c.) Source Classification Code (SCC): 30300303	d.) Units: Tons Coal Charged	
e.) Stack Number: 0	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 232.6		
k.) Abatement Equipment Order	l.) Abatement Equipment ID	m.) Capture Efficiency:

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
CO	CARBON MONOXIDE	8	0.070	0	
NO2	NITROGEN DIOXIDE	9	0.0045	0	
PB	LEAD	9	00000285	0	
PM10	PARTICULATE MATTER 10	9	0.013	0	
PT	TOTAL PARTICULATE MATTER	9	0.013	0	
SO2	SULFUR DIOXIDE	9	0.00843	0	
VOC	VOLATILE ORGANIC COMPOUNDS	9	.000076	0	

Section 9: Group Information

a.) Group Number: 004	**b.) Description:** QUENCHING		
Operating Schedule: **c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)			
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**

Section 10. Process Information

a.) Process Number: 1	b.) Description: QUENCH TOWERS	
c.) Source Classification Code (SCC): 30300304	d.) Units: Tons Coal Charged	
e.) Stack Number: 0	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 232.6		
k.) Abatement Equipment Order	l.) Abatement Equipment ID	m.) Capture Efficiency:

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
NO2	NITROGEN DIOXIDE	9	0.002	0	
PM10	PARTICULATE MATTER 10	9	0.0303	0	
PT	TOTAL PARTICULATE MATTER	9	0.31	0	
SO2	SULFUR DIOXIDE	9	0.0053	0	
VOC	VOLATILE ORGANIC COMPOUNDS	9	0.001	0	

Section 9: Group Information

a.) Group Number: 005	**b.) Description:** COAL THAW SHED			
Operating Schedule:	**c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)				
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**	

Section 10. Process Information

a.) Process Number: 1	b.) Description: COAL THAW SHED	
c.) Source Classification Code (SCC): 30300305	d.) Units: Tons Coal Charged	
e.) Stack Number: 0	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 252.8		
k.) Abatement Equipment Order	l.) Abatement Equipment ID	m.) Capture Efficiency:

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
CO	CARBON MONOXIDE	3		0	
NO2	NITROGEN DIOXIDE	3		0	
PM10	PARTICULATE MATTER 10	3		0	
PT	TOTAL PARTICULATE MATTER	3		0	
SO2	SULFUR DIOXIDE	3		0	
VOC	VOLATILE ORGANIC COMPOUNDS	3		0	

Section 9: Group Information

a.) Group Number: 006	**b.) Description:** COAL TRANSFER #1			
Operating Schedule:	**c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)				
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**	

Section 10. Process Information

a.) Process Number: 1	b.) Description: COAL TRANSFER #1		
c.) Source Classification Code (SCC): 30300309		d.) Units: Tons Material Processed	
e.) Stack Number: 0		***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***	
j.) Maximum Operation Rate (Units/Hour): 252.8			
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 2	m.) Capture Efficiency: 95.96	

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
PM10	PARTICULATE MATTER 10	9	4.40e-4	95	
PT	TOTAL PARTICULATE MATTER	9	0.001257	95	

Section 9: Group Information

a.) Group Number: 007	**b.) Description:** TRANSFER TO ACTIVE PILES		
Operating Schedule: **c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)			
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**

Section 10. Process Information

a.) Process Number: 1	b.) Description: TRANSFER TO ACTIVE PILES		
c.) Source Classification Code (SCC): 30300316		d.) Units: Tons Coal Charged	
e.) Stack Number: 0		***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***	
j.) Maximum Operation Rate (Units/Hour): 252.8			
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 3	m.) Capture Efficiency: 71.429	

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
PM10	PARTICULATE MATTER 10	9	0.00044	50	
PT	TOTAL PARTICULATE MATTER	9	0.001257	50	

Section 9: Group Information

a.) Group Number: 008	**b.) Description:** COAL TRANSFER TOWER #2		
Operating Schedule: **c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)			
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**

Section 10. Process Information

a.) Process Number: 1	b.) Description: COAL TRANSFER TOWER #2		
c.) Source Classification Code (SCC): 30300309		d.) Units: Tons Material Processed	
e.) Stack Number: 0		*f.) Process Rate (throughput):*	
g.) Ash Content(%):	*h.) Sulfur Content(%):*	*i.) Heat Ratio:*	
j.) Maximum Operation Rate (Units/Hour): 252.8			
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 4	m.) Capture Efficiency: 95.96	

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
PM10	PARTICULATE MATTER 10	9	4.40e-4	95	
PT	TOTAL PARTICULATE MATTER	9	0.001257	95	

Section 9: Group Information

a.) Group Number: 009	**b.) Description:** COAL TRANSFER TOWER #3		
Operating Schedule: **c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)			
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**

Section 10. Process Information

a.) Process Number: 1	b.) Description: COAL TRANSFER TOWER #3		
c.) Source Classification Code (SCC): 30300309		d.) Units: Tons Material Processed	
e.) Stack Number: 0		*f.) Process Rate (throughput):*	
g.) Ash Content(%):	*h.) Sulfur Content(%):*	*i.) Heat Ratio:*	
j.) Maximum Operation Rate (Units/Hour): 252.8			
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 5	m.) Capture Efficiency: 95.96	

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
PM10	PARTICULATE MATTER 10	9	4.40e-4	95	
PT	TOTAL PARTICULATE MATTER	9	0.001257	95	

Section 9: Group Information

a.) Group Number: 010	**b.) Description:** COAL CRUSHER/SCREENER		
Operating Schedule: **c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)			
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**

Section 10. Process Information

a.) Process Number: 1	b.) Description: COAL CRUSHER SCREENER	
c.) Source Classification Code (SCC): 30300307	d.) Units: Tons Coal Charged	
e.) Stack Number: 0	*f.) Process Rate (throughput):*	
g.) Ash Content(%):	*h.) Sulfur Content(%):*	*i.) Heat Ratio:*
j.) Maximum Operation Rate (Units/Hour): 252.6		
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 6	m.) Capture Efficiency: 99.999

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
PM10	PARTICULATE MATTER 10	9	0.08	98.999	
PT	TOTAL PARTICULATE MATTER	9	0.16	98.999	

Section 9: Group Information

a.) Group Number: 011	**b.) Description:** EAST & WEST SILOS		
Operating Schedule:	**c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)			
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**

Section 10. Process Information

a.) Process Number: 1	b.) Description: EAST & WEST COAL SILOS	
c.) Source Classification Code (SCC): 30510203	d.) Units: Tons Material Processed	
e.) Stack Number: 0	*f.) Process Rate (throughput):*	
g.) Ash Content(%):	*h.) Sulfur Content(%):*	*i.) Heat Ratio:*
j.) Maximum Operation Rate (Units/Hour): 232.6		
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 7	m.) Capture Efficiency: 99

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
PM10	PARTICULATE MATTER 10	5		98.999	
PT	TOTAL PARTICULATE MATTER	5		98.999	

Section 9: Group Information

a.) Group Number: 012	**b.) Description:** COAL WEIGH BELTS/DIVERTER		
Operating Schedule:	**c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)			
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**

Section 10. Process Information

a.) Process Number: 1	b.) Description: WEIGH BELTS/DIVERTER GATE		
c.) Source Classification Code (SCC): 30510203		d.) Units: Tons Material Processed	
e.) Stack Number: 0		***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***	
j.) Maximum Operation Rate (Units/Hour): 232.6			
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 8	m.) Capture Efficiency: 99	

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
PM10	PARTICULATE MATTER 10	5		98.999	
PT	TOTAL PARTICULATE MATTER	5		98.999	

Section 9: Group Information

a.) Group Number: 013	**b.) Description:** ACTIVE COAL STORAGE PILES		
Operating Schedule: **c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)			
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**

Section 10. Process Information

a.) Process Number: 1	b.) Description: ACTIVE COAL STORAGE PILES		
c.) Source Classification Code (SCC): 30300316		d.) Units: Tons Coal Charged	
e.) Stack Number: 0		***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***	
j.) Maximum Operation Rate (Units/Hour): 232.6			
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 9	m.) Capture Efficiency: 71.429	

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
PM10	PARTICULATE MATTER 10	5		50	
PT	TOTAL PARTICULATE MATTER	5		50	

Section 9: Group Information

a.) Group Number: 014	**b.) Description:** COAL BIN-DROP-EMER PILE		
Operating Schedule: **c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)			
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**

Section 10. Process Information

a.) Process Number: 1	b.) Description: COAL BIN-DROP-EMER PILE	
c.) Source Classification Code (SCC): 30510203	d.) Units: Tons Material Processed	
e.) Stack Number: 0	*f.) Process Rate (throughput):*	
g.) Ash Content(%):	*h.) Sulfur Content(%):*	*i.) Heat Ratio:*
j.) Maximum Operation Rate (Units/Hour): 232.6		
k.) Abatement Equipment Order	l.) Abatement Equipment ID	m.) Capture Efficiency:

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
PM10	PARTICULATE MATTER 10	3		0	
PT	TOTAL PARTICULATE MATTER	3		0	

Section 9: Group Information

a.) Group Number: 015	**b.) Description:** COKE RAIL CAR LOADOUT		
Operating Schedule: **c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)			
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**

Section 10. Process Information

a.) Process Number: 1	b.) Description: COKR RAIL CAR LOADOUT	
c.) Source Classification Code (SCC): 30300312	d.) Units: Tons Material Processed	
e.) Stack Number: 0	*f.) Process Rate (throughput):*	
g.) Ash Content(%):	*h.) Sulfur Content(%):*	*i.) Heat Ratio:*
j.) Maximum Operation Rate (Units/Hour): 37.0		
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 11	m.) Capture Efficiency: 71.429

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
PM10	PARTICULATE MATTER 10	9	0.00106	50	
PT	TOTAL PARTICULATE MATTER	9	.0030278	50	

Section 9: Group Information

a.) Group Number: 016	**b.) Description:** COKE TOWER #1		
Operating Schedule: **c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)			
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**

Section 10. Process Information

a.) Process Number: 1	b.) Description: COKE TOWER #1		
c.) Source Classification Code (SCC): 30300312		d.) Units: Tons Material Processed	
e.) Stack Number: 0		***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***	
j.) Maximum Operation Rate (Units/Hour): 167.5			
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 12	m.) Capture Efficiency: 99.999	

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
PM10	PARTICULATE MATTER 10	5		99.998	
PT	TOTAL PARTICULATE MATTER	5		99.998	

Section 9: Group Information

a.) Group Number: 017	**b.) Description:** COKE TOWER #2		
Operating Schedule: **c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)			
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**

Section 10. Process Information

a.) Process Number: 1	b.) Description: COKE TRANSFER TOWER #2		
c.) Source Classification Code (SCC): 30300312		d.) Units: Tons Material Processed	
e.) Stack Number: 0		***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***	
j.) Maximum Operation Rate (Units/Hour): 167.5			
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 13	m.) Capture Efficiency: 99.999	

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
PM10	PARTICULATE MATTER 10	5		99.998	
PT	TOTAL PARTICULATE MATTER	5		99.998	

Section 9: Group Information

a.) Group Number: 018	**b.) Description:** COKE CRUSHER/SCREENER		
Operating Schedule: **c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)			
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**

Section 10. Process Information

a.) Process Number: 1	b.) Description: COKE CRUSHER/SCREENER STA		
c.) Source Classification Code (SCC): 30300312	d.) Units: Tons Material Processed		
e.) Stack Number: 0	***f.) Process Rate (throughput):***		
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***	
j.) Maximum Operation Rate (Units/Hour): 167.5			
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 17	m.) Capture Efficiency: 99	

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
PM10	PARTICULATE MATTER 10	5		98.99	
PT	TOTAL PARTICULATE MATTER	5		98.99	

Section 9: Group Information

a.) Group Number: 019	**b.) Description:** COKE TOWER #3		
Operating Schedule: **c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)			
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**

Section 10. Process Information

a.) Process Number: 1	b.) Description: COKE TRANSFER TOWER #3		
c.) Source Classification Code (SCC): 30300312	d.) Units: Tons Material Processed		
e.) Stack Number: 0	***f.) Process Rate (throughput):***		
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***	
j.) Maximum Operation Rate (Units/Hour): 167.5			
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 14	m.) Capture Efficiency: 99.999	

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
PM10	PARTICULATE MATTER 10	5		99.998	
PT	TOTAL PARTICULATE MATTER	5		99.998	

Section 9: Group Information

a.) Group Number: 020	**b.) Description:** RUN OF OVEN PILE		
Operating Schedule: **c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)			
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**

Section 10. Process Information

a.) Process Number: 1	b.) Description: RUN OF OVEN PILE		
c.) Source Classification Code (SCC): 30510304	d.) Units: Tons Material Processed		
e.) Stack Number: 0	***f.) Process Rate (throughput):***		
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***	
j.) Maximum Operation Rate (Units/Hour): 167.5			
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 18	m.) Capture Efficiency: 71.429	

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
PM10	PARTICULATE MATTER 10	5		50	
PT	TOTAL PARTICULATE MATTER	5		50	

Section 9: Group Information

a.) Group Number: 021	**b.) Description:** FINES COKE PILE		
Operating Schedule: c.) Hours/Day:	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)			
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**

Section 10. Process Information

a.) Process Number: 1	b.) Description: FINES COKE PILE		
c.) Source Classification Code (SCC): 30510304	d.) Units: Tons Material Processed		
e.) Stack Number: 0	***f.) Process Rate (throughput):***		
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***	
j.) Maximum Operation Rate (Units/Hour): 167.5			
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 19	m.) Capture Efficiency: 71.429	

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
PM10	PARTICULATE MATTER 10	5		50	
PT	TOTAL PARTICULATE MATTER	5		50	

Section 9: Group Information

a.) Group Number: 023	**b.) Description:** VENTING		
Operating Schedule: c.) Hours/Day:	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)			
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**

Section 10. Process Information

a.) Process Number: 1	b.) Description: VENTING	
c.) Source Classification Code (SCC): 30300399	d.) Units: Tons Coal Charged	
e.) Stack Number: 3	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour):		
k.) Abatement Equipment Order	l.) Abatement Equipment ID	m.) Capture Efficiency:

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
CO	CARBON MONOXIDE	9	0.283	0	
NO2	NITROGEN DIOXIDE	9	0.89	0	
PB	LEAD	3		0	
PM10	PARTICULATE MATTER 10	5		0	
PT	TOTAL PARTICULATE MATTER	5		0	
SO2	SULFUR DIOXIDE	9	10.5	0	
VOC	VOLATILE ORGANIC COMPOUNDS	9	0.001	0	

Section 9: Group Information

a.) Group Number: 024	**b.) Description:** UNPAVED ROADS		
Operating Schedule: c.) Hours/Day:	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)			
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**

Section 10. Process Information

a.) Process Number: 1	b.) Description: UNPAVED ROADS	
c.) Source Classification Code (SCC): 30300831	d.) Units: Miles Vehicle Travelled	
e.) Stack Number: 0	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour):		
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 15	m.) Capture Efficiency: 100

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
PM10	PARTICULATE MATTER 10	9	1.2878	50	
PT	TOTAL PARTICULATE MATTER	9	5.3006	50	

Section 9: Group Information

a.) Group Number: 025	**b.) Description:** PAVED ROADS			
Operating Schedule:	**c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)				
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**	

Section 10. Process Information

a.) Process Number: 1	b.) Description: PAVED ROADS & PARKING LOS	
c.) Source Classification Code (SCC): 30300834	d.) Units: Miles Vehicle Travelled	
e.) Stack Number: 0	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour):		
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 16	m.) Capture Efficiency: 99.999

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
PM10	PARTICULATE MATTER 10	9	0.026	49.999	
PT	TOTAL PARTICULATE MATTER	9	0.134	49.999	

Section 9: Group Information

a.) Group Number: 026	**b.) Description:** COKE CONVEYING			
Operating Schedule:	**c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)				
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**	

Section 10. Process Information

a.) Process Number: 1	b.) Description: COKE CONVEYING	
c.) Source Classification Code (SCC): 30300312	d.) Units: Tons Material Processed	
e.) Stack Number: 0	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 37.0		
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 20	m.) Capture Efficiency: 99.999

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
PM10	PARTICULATE MATTER 10	9	0.006666	89.999	
PT	TOTAL PARTICULATE MATTER	9	0.01333	89.999	

Section 9: Group Information

a.) Group Number: 027	**b.) Description:** TRANSFER POINT 263A		
Operating Schedule: **c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)			
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**

Section 10. Process Information

a.) Process Number: 1	b.) Description: TRANSFER POINT 263A	
c.) Source Classification Code (SCC): 30300312	d.) Units: Tons Material Processed	
e.) Stack Number: 0	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 167.5		
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 13	m.) Capture Efficiency: 99.999

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
PM10	PARTICULATE MATTER 10	5		99.998	
PT	TOTAL PARTICULATE MATTER	5		99.998	

Section 9: Group Information

a.) Group Number: 028	**b.) Description:** TRANSFER POINT 264A		
Operating Schedule: **c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)			
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**

Section 10. Process Information

a.) Process Number: 1	b.) Description: TRANSFER POINT 264A	
c.) Source Classification Code (SCC): 30300312	d.) Units: Tons Material Processed	
e.) Stack Number: 0	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 167.5		
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 13	m.) Capture Efficiency: 99.999

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
PM10	PARTICULATE MATTER 10	5		99.998	
PT	TOTAL PARTICULATE MATTER	5		99.998	

Section 9: Group Information

a.) Group Number: 030	**b.) Description:** COKE TOWER #4			
Operating Schedule:	**c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)				
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**	

Section 10. Process Information

a.) Process Number: 1	b.) Description: COKE TOWER #4	
c.) Source Classification Code (SCC): 30300312	d.) Units: Tons Material Processed	
e.) Stack Number: 0	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 167.5		
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 21	m.) Capture Efficiency: 99.999

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
PM10	PARTICULATE MATTER 10	5		98.999	
PT	TOTAL PARTICULATE MATTER	5		98.999	