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:	169	**b.) Plant ID:**	00002
c.) Facility Name:	JEFFERSON SMURFIT CORPORATION (U.S.)		

Section 2: Physical Address:

a.) Source Address:	455 WEST FACTORY STREET
b.) Source City and Zip Code:	WABASH, 46992

Section 3: Mailing Address:

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

Section 4: Source Location

a.)	**UTM Vertical:**	4516.3	**UTM Horizontal:**	598.5
b.)	**Latitude:**	404736	**Longitude:**	854957

Section 5: Industrial Classificatio

a.) Primary NAICS Code:	32213	Paperboard Mills	
b.) Primary SIC Code:	2631	Paperboard Mills	

Section 6: Contact Informatio

a.) Emissions Contact Official and Title:	JOHN WONDERLY, MANAGER ENVIR
b.) Emissions Contact Phone Number:	(219) 569-3347
c.) Emissions Contact Fax Number:	
d.) Emissions Contact E-Mail Address:	
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	COM STK/3 BOILERS(POINT1)	170	9.85	145500	400	404736	854957
2	PMD BLDG ROOF VENTS	5	1	0	0	404736	854957
3	COATING TOWER VENTS	5	1	0	0	404736	854957

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
1	076	MULTIPLE CYCLONE W/O FLY ASH R - 1 , 1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PT	TOTAL PARTICULATE MATTER	88.9
PM10	PARTICULATE MATTER 10	88.9

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
2	076	MULTIPLE CYCLONE W/O FLY ASH R - 1 , 2

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PT	TOTAL PARTICULATE MATTER	88.9
PM10	PARTICULATE MATTER 10	88.9

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
3	076	MULTIPLE CYCLONE W/O FLY ASH R - 1 , 3

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PT	TOTAL PARTICULATE MATTER	88.9
PM10	PARTICULATE MATTER 10	88.9

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: 1	**b.) Description:** COAL FIRED BOILERS			
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: BOILER1-TRAV GRATE STOKER		
c.) Source Classification Code (SCC): 10200205		d.) Units: Tons Bituminous Coal Burned	
e.) Stack Number: 1		***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***	
j.) Maximum Operation Rate (Units/Hour): 3.833904			
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 1	m.) Capture Efficiency: 89.999	

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
50000	FORMALDEHYDE	5		0	
7439965	MANGANESE	9	0.024243	0	
7439976	MERCURY	5		0	
7440022	NICKEL (TSP)	9	0.015697	0	
7440382	ARSENIC	9	0.012119	0	
7440417	BERYLLIUM	9	0.0011	0	
7440439	CADMIUM	9	0.001393	0	
7647010	HYDROCHLORIC ACID	9	1.546369	0	
CDC	CADMIUM COMPOUNDS	9	0.001393	0	
CO	CARBON MONOXIDE	9	6.000298	0	
CRC	CHROMIUM COMPOUNDS	9	0.021742	0	
NO2	NITROGEN DIOXIDE	9	7.499777	0	
PB	LEAD	5		0	
PM10	PARTICULATE MATTER 10	9	5.972615	80.009	
PT	TOTAL PARTICULATE MATTER	9	5.927965	80.009	
SO2	SULFUR DIOXIDE	9	117.8	0	
VOC	VOLATILE ORGANIC COMPOUNDS	3		0	

Section 10. Process Information

a.) Process Number: 2	b.) Description: BOILER2-TRAV GRATE STOKER	
c.) Source Classification Code (SCC): 10200205	d.) Units: Tons Bituminous Coal Burned	
e.) Stack Number: 1	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 000		
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 2	m.) Capture Efficiency: 89.999

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
50000	FORMALDEHYDE	8	0	0	
7439965	MANGANESE	9	0	0	
7439976	MERCURY	9	0	0	
7440022	NICKEL (TSP)	9	0	0	
7440382	ARSENIC	9	0	0	
7440417	BERYLLIUM	9	0	0	
7440439	CADMIUM	9	0	0	
7647010	HYDROCHLORIC ACID	9	0	0	
CDC	CADMIUM COMPOUNDS	9	0	0	
CO	CARBON MONOXIDE	9	0	0	
CRC	CHROMIUM COMPOUNDS	9	0	0	
HGC	MERCURY COMPOUNDS	9	0	0	
NO2	NITROGEN DIOXIDE	9	0	0	
PB	LEAD	9	0	0	
PM10	PARTICULATE MATTER 10	9	0	80.009	
PT	TOTAL PARTICULATE MATTER	9	0	80.009	
SO2	SULFUR DIOXIDE	9	0	0	
VOC	VOLATILE ORGANIC COMPOUNDS	9	0	0	

Section 10. Process Information

a.) Process Number: 3	b.) Description: BOILER3-TRAV GRATE STOKER		
c.) Source Classification Code (SCC): 10200205	d.) Units: Tons Bituminous Coal Burned		
e.) Stack Number: 1	***f.) Process Rate (throughput):***		
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***	
j.) Maximum Operation Rate (Units/Hour): 2.555936			
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 3	m.) Capture Efficiency: 89.999	

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
50000	FORMALDEHYDE	5		0	
7439965	MANGANESE	9	0.024243	0	
7439976	MERCURY	5		0	
7440022	NICKEL (TSP)	9	0.015695	0	
7440382	ARSENIC	9	0.012121	0	
7440417	BERYLLIUM	9	0.001108	0	
7440439	CADMIUM	9	0.001393	0	
7647010	HYDROCHLORIC ACID	9	1.546369	0	
CDC	CADMIUM COMPOUNDS	9	0.001393	0	
CO	CARBON MONOXIDE	9	6	0	
CRC	CHROMIUM COMPOUNDS	9	0.021742	0	
HGC	MERCURY COMPOUNDS	9	0.00033	0	
NO2	NITROGEN DIOXIDE	9	7.5	0	
PB	LEAD	5		0	
PM10	PARTICULATE MATTER 10	9	5.974102	80.009	
PT	TOTAL PARTICULATE MATTER	9	5.924986	80.009	
SO2	SULFUR DIOXIDE	9	117.8	0	
VOC	VOLATILE ORGANIC COMPOUNDS	3		0	

Section 9: Group Information

a.) Group Number: 2	**b.) Description:** PAPER MACHINE DRYERS		
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: PROCESSING AID CHEMICALS	
c.) Source Classification Code (SCC): 30700401	d.) Units: Tons Finished Product Produced	
e.) Stack Number: 2	***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)**
67561	METHANOL	2		0	
6881943	DIETHYLENE GLYCOL MONOPROPYL ETHER	2		0	
GLYET	GLYCOL ETHERS	2		0	
VOC	VOLATILE ORGANIC COMPOUNDS	5		0	

Section 9: Group Information

a.) Group Number: 3	**b.) Description:** COATING TOWER		
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: WATERBORNE COATINGS	
c.) Source Classification Code (SCC): 30701199	d.) Units: Tons Resin or Wax Consumed	
e.) Stack Number: 3	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 1.053884		
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)**
100425	STYRENE	2		0	
108054	VINYL ACETATE	2		0	
108883	TOLUENE	5		0	
50000	FORMALDEHYDE	2		0	
VOC	VOLATILE ORGANIC COMPOUNDS	5		0	