



June 24, 2024

Indiana Department of Environmental Management  
Technical Support and Modeling Section, Office of Air Quality  
100 North Senate Avenue  
MC 61-50 IGCN 1003  
Indianapolis, Indiana 46204-2251

Received  
JUN 25 2024  
State of Indiana

Re: ***Cargill Inc. - Soybean Processing Division  
Title V Annual Emission Statement  
Source ID No. 157-00038***

To Whom It May Concern:

Please find enclosed the 2023 Annual Emission Statement (AES) for the Cargill Inc Soybean Processing Division (Cargill) soybean oil extraction plant located at 1502 Wabash Ave in Lafayette, Indiana. This information is being submitted in accordance with Condition C.17 of Title V Permit No. 157-41321-00038 issued to Cargill. Attachments include a printout of data entered into the Emissions Inventory Tracking System (EMITS) and the signed certification form for the 2023 AES Submittal.

If you have any questions or require additional information, please contact me at (765) 412-9260 or Mr. Geoffrey Bright of Trinity Consultants at (317) 451-8104.

Sincerely,

CARGILL INC.

Nancy Wade  
EHS Supervisor II

Enclosures:

cc:

Emily Stewart - Trinity Consultants  
Geoffrey Bright - Trinity Consultants



AES-01

**AIR EMISSION STATEMENT CERTIFICATION**

State Form 52052 (3-05)



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

IDEM - Office of Air Quality  
 Technical Support and Modeling Section - Mail Code 61-51  
 100 N. Senate Avenue  
 Indianapolis, IN 46204-2251  
 Telephone: (317) 233-0178 or  
 Toll Free: 1-800-451-6027 x30178 (within Indiana)  
<http://www.emissions.IN.gov/>

**Instructions:**

- This is a required form for each air emission statement as well as any modifications.
- The certification supplied with a source's permit may be used in lieu of this form
- "Responsible Official" has the same meaning as defined in 326 IAC (34), and is usually designated in the General Information section of the permit.

**Part A: Contact Information**

Part A is intended to provide basic information about the company submitting an Air Emission Statement and information on the Air Emission Statement preparer in case there is a question about the report.

1. Company Name: Cargill Inc Soybean Processing Division		2. Source ID: 1815700038	
3. Mailing Address: 1502 Wabash Ave.			
City: Lafayette	State: IN	ZIP Code: 47905	
4. Name of Emission Statement Preparer: Geoffrey		Bright	
5. Title of Emission Statement Preparer (optional): Consultant			
6. Telephone Number: (317)-496-2444		7. Facsimile Number (optional):	
8. Electronic Mail Address (optional): geoffrey.bright@trinityconsultants.com			

**Part B: Emissions Summary**

Part B is intended to aid in the review of data and to collect information about billable hazardous air pollutants.

Emissions Statement Pollutants (Plant Wide)	Tons Emitted
Ammonia	0.9221
Carbon Monoxide (CO)	24.2041
Condensable Particulate Matter (PM-CON)	2.7655
Filterable Particulate Matter <10 Microns (PM10-FIL)	41.5896
Lead (PB)	0.0001
Nitrogen Dioxide (NO2)	28.8144
Primary PM2.5, Filterable Portion Only	19.7501
Sulfur Dioxide (SO2)	0.1729
Volatile Organic Compounds (VOC)	279.3667
Part 70 Permit Billable Hazardous Air Pollutants (Plant Wide)	Tons Emitted
Mercury and Mercury Compounds (CAS#7439976 and TRI ID N458)	0.0000

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**Part C: Signature of Responsible Official**

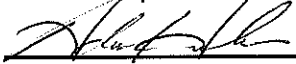
I hereby certify that the information in this emission statement is accurate based on reasonable estimates using data available to the preparer and on a reasonable inquiry into records and persons responsible for the operation of the source, and is true, accurate, and complete.

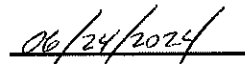
Adam Hudson

Facility Leader

Name of Responsible Official (typed or printed)

Title of Responsible Official

  
 Signature of Responsible Official

  
 Date (month, day, year)

# Facility Emission Detail

## Cargill Inc Soybean Processing Division

Plant ID:1815700038

Report for 2023

Location: 1502 Wabash Ave,Lafayette,47905

NAICS: 311225 Fats and Oils Refining and Blending

Facility Emissions Overview		
Pollutant	Pollutant Description	Emissions (Tons)
NH3	Ammonia	0.9221
CO	Carbon Monoxide	24.2041
7439921	Lead	0.0001
NOX	Nitrogen Oxides	28.8144
PM-CON	Primary PM Condensable Only (All Less Than 1 Micron)	2.7655
PM10-FIL	Primary PM10, Filterable Portion Only	41.5896
PM25-FIL	Primary PM2.5, Filterable Portion Only	19.7501
SO2	Sulfur Dioxide	0.1729
VOC	Volatile Organic Compounds	279.3667

<b>Group ID:</b> S-1		<b>Group Description:</b> Bindeck Dust Collector (Storage Tank Area Baghouse, Baghouse #9)		
<b>Percent Quarterly Throughput</b>				
<b>Winter:</b> 23	<b>Spring:</b> 21	<b>Summer:</b> 28	<b>Fall:</b> 28	
<b>Days Per Week:</b> 7	<b>Weeks Per Year:</b> 49	<b>Hours Per Day:</b> 24 <b>Hours Per Year:</b> 7313		
<b>Process ID:</b> S-1		<b>Process Description:</b> Bindeck Dust Collector (Storage Tank Area Baghouse, Baghouse #9)		
<b>SCC:</b>	30200782	<b>Stack:</b>	S-1	
	Food and Agriculture	<b>Description:</b>	S-1 Bindeck Dust Collector (Storage Tank Area Baghouse, Baghouse #9)	
	Grain Millings	<b>Stack Type:</b>	Vertical	
	Soybean: Grain Handling	<b>Height:</b>	103	
<b>Heat Content:</b>	0	<b>Diameter:</b>	2.46	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	77	
<b>Ash Content:</b>	0	<b>Velocity:</b>	37.8	
<b>Throughput:</b>	7313 Hour	<b>Gas Flow:</b>	10800	
<b>Material:</b>	Soybeans	<b>Input/Output:</b>	Process Material Used (Input)	
<b>Pollutant</b>	<b>Emission Method</b>	<b>Emission Factor</b>	<b>Overall Ctrl Efficiency</b>	<b>Emissions(Tons)</b>
PM10-FIL	Stack Test	0	0	0.0731
PM25-FIL	Stack Test	0	0	0.0731

# Facility Emission Detail

## Cargill Inc Soybean Processing Division

Plant ID:1815700038

Report for 2023

Location: 1502 Wabash Ave,Lafayette,47905

NAICS: 311225 Fats and Oils Refining and Blending

<b>Group ID:</b> S-11		<b>Group Description:</b> Dryer/Cooler - Dryer Deck #1 (CY-712, Cyclone #6)		
<b>Percent Quarterly Throughput</b>				
<b>Winter:</b> 23	<b>Spring:</b> 21	<b>Summer:</b> 28	<b>Fall:</b> 28	
<b>Days Per Week:</b> 7	<b>Weeks Per Year:</b> 49	<b>Hours Per Day:</b> 24	<b>Hours Per Year:</b> 7313	
<b>Process ID:</b> S-11		<b>Process Description:</b> Dryer/Cooler - Dryer Deck #1 (CY-712, Cyclone #6)		
<b>SCC:</b>	30200789	<b>Stack:</b>	11	
	Food and Agriculture	<b>Description:</b>	S-11 Dryer/Cooler - Dryer Deck #1 (CY-712, Cyclone #6)	
	Grain Millings	<b>Stack Type:</b>	Vertical	
	Soybean: Meal Dryer	<b>Height:</b>	25	
<b>Heat Content:</b>	0	<b>Diameter:</b>	1.41	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	120	
<b>Ash Content:</b>	0	<b>Velocity:</b>	90.8	
<b>Throughput:</b>	7313 Hour	<b>Gas Flow:</b>	8500	
<b>Material:</b>	Soybean Meal	<b>Input/Output:</b>	Process Material Used (Input)	
<b>Pollutant</b>	<b>Emission Method</b>	<b>Emission Factor</b>	<b>Overall Ctrl Efficiency</b>	<b>Emissions(Tons)</b>
PM25-FIL	Stack Test	0	0	1.0933
PM-CON	Stack Test	0	0	0.9149
PM10-FIL	Stack Test	0	0	1.0933

# Facility Emission Detail

## Cargill Inc Soybean Processing Division

Plant ID:1815700038

Report for 2023

Location: 1502 Wabash Ave,Lafayette,47905

NAICS: 311225 Fats and Oils Refining and Blending

<b>Group ID: S-12</b>		<b>Group Description:</b> Dryer/Cooler - Dryer Deck #2 (CY-713, Cyclone #7)		
<b>Percent Quarterly Throughput</b>				
<b>Winter: 23</b>	<b>Spring: 21</b>	<b>Summer: 28</b>	<b>Fall: 28</b>	
<b>Days Per Week: 7</b>	<b>Weeks Per Year: 49</b>	<b>Hours Per Day: 24</b>	<b>Hours Per Year: 7313</b>	
<b>Process ID: S-12</b>		<b>Process Description:</b> Dryer/Cooler - Dryer Deck #2 (CY-713, Cyclone #7)		
<b>SCC:</b>	30200789	<b>Stack:</b>	12	
	Food and Agriculture	<b>Description:</b>	S-12 Dryer/Cooler - Dryer Deck #2 (CY-713, Cyclone #7)	
	Grain Millings	<b>Stack Type:</b>	Vertical	
	Soybean: Meal Dryer	<b>Height:</b>	25	
<b>Heat Content:</b>	0	<b>Diameter:</b>	1.41	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	120	
<b>Ash Content:</b>	0	<b>Velocity:</b>	90.8	
<b>Throughput:</b>	7313 Hour	<b>Gas Flow:</b>	8500	
<b>Material:</b>	Soybean Meal	<b>Input/Output:</b>	Process Material Used (Input)	
<b>Pollutant</b>	<b>Emission Method</b>	<b>Emission Factor</b>	<b>Overall Ctrl Efficiency</b>	<b>Emissions(Tons)</b>
PM-CON	Stack Test	0	0	0.9149
PM25-FIL	Stack Test	0	0	1.0933
PM10-FIL	Stack Test	0	0	1.0933
<b>Group ID: S-13</b>		<b>Group Description:</b> Truck Dump Dust Collector (Baghouse #4)		
<b>Percent Quarterly Throughput</b>				
<b>Winter: 23</b>	<b>Spring: 21</b>	<b>Summer: 28</b>	<b>Fall: 28</b>	
<b>Days Per Week: 7</b>	<b>Weeks Per Year: 49</b>	<b>Hours Per Day: 24</b>	<b>Hours Per Year: 7313</b>	
<b>Process ID: S-13</b>		<b>Process Description:</b> Truck Dump Dust Collector (Baghouse #4)		
<b>SCC:</b>	30200781	<b>Stack:</b>	13	
	Food and Agriculture	<b>Description:</b>	S-13 Truck Dump Dust Collector (Baghouse #4)	
	Grain Millings	<b>Stack Type:</b>	Vertical	
	Soybean: Grain Receiving	<b>Height:</b>	18	
<b>Heat Content:</b>	0	<b>Diameter:</b>	2.3	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	77	
<b>Ash Content:</b>	0	<b>Velocity:</b>	88.6	
<b>Throughput:</b>	7313 Hour	<b>Gas Flow:</b>	22000	
<b>Material:</b>	Soybeans	<b>Input/Output:</b>	Process Material Used (Input)	
<b>Pollutant</b>	<b>Emission Method</b>	<b>Emission Factor</b>	<b>Overall Ctrl Efficiency</b>	<b>Emissions(Tons)</b>
PM10-FIL	Stack Test	0	0	0.3686
PM25-FIL	Stack Test	0	0	0.3686

# Facility Emission Detail

## Cargill Inc Soybean Processing Division

Plant ID:1815700038

Report for 2023

Location: 1502 Wabash Ave,Lafayette,47905

NAICS: 311225 Fats and Oils Refining and Blending

<b>Group ID:</b> S-13 Fugitive - HT		<b>Group Description:</b> Truck Receiving Fugitive Emissions - Hopper Trucks		
<b>Percent Quarterly Throughput</b>				
<b>Winter:</b> 23		<b>Spring:</b> 19		<b>Summer:</b> 28
				<b>Fall:</b> 30
<b>Days Per Week:</b> 7		<b>Weeks Per Year:</b> 49		<b>Hours Per Day:</b> 24
				<b>Hours Per Year:</b> 7313
<b>Process ID:</b> S-13 Fugitive - HT		<b>Process Description:</b> Truck Receiving Fugitive Emissions - Hopper Trucks		
<b>SCC:</b>	30200781	<b>Stack:</b>	0	
	Food and Agriculture	<b>Description:</b>	No Stack Associated	
	Grain Millings	<b>Stack Type:</b>	Fugitive	
	Soybean: Grain Receiving	<b>Height:</b>	0	
<b>Heat Content:</b>	0	<b>Diameter:</b>	0	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	0	
<b>Ash Content:</b>	0	<b>Velocity:</b>	0	
<b>Throughput:</b>	776498 Tons	<b>Gas Flow:</b>	0	
<b>Material:</b>	Soybeans	<b>Input/Output:</b>	Process Material Used (Input)	
<b>Pollutant</b>	<b>Emission Method</b>	<b>Emission Factor</b>	<b>Overall Ctrl Efficiency</b>	<b>Emissions(Tons)</b>
PM10-FIL	State/Local Emission Factor	0.0078	95	0.1514
PM25-FIL	State/Local Emission Factor	0.0013	95	0.0252
<b>Group ID:</b> S-13 Fugitive - ST		<b>Group Description:</b> Truck Receiving Fugitive Emissions - Straight Trucks		
<b>Percent Quarterly Throughput</b>				
<b>Winter:</b> 17		<b>Spring:</b> 11		<b>Summer:</b> 31
				<b>Fall:</b> 41
<b>Days Per Week:</b> 7		<b>Weeks Per Year:</b> 49		<b>Hours Per Day:</b> 24
				<b>Hours Per Year:</b> 7313
<b>Process ID:</b> S-13 Fugitive - ST		<b>Process Description:</b> Truck Receiving Fugitive Emissions - Straight Trucks		
<b>SCC:</b>	30200781	<b>Stack:</b>	0	
	Food and Agriculture	<b>Description:</b>	No Stack Associated	
	Grain Millings	<b>Stack Type:</b>	Fugitive	
	Soybean: Grain Receiving	<b>Height:</b>	0	
<b>Heat Content:</b>	0	<b>Diameter:</b>	0	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	0	
<b>Ash Content:</b>	0	<b>Velocity:</b>	0	
<b>Throughput:</b>	25421 Tons	<b>Gas Flow:</b>	0	
<b>Material:</b>	Soybeans	<b>Input/Output:</b>	Process Material Used (Input)	
<b>Pollutant</b>	<b>Emission Method</b>	<b>Emission Factor</b>	<b>Overall Ctrl Efficiency</b>	<b>Emissions(Tons)</b>
PM10-FIL	State/Local Emission Factor	0.059	95	0.0375
PM25-FIL	State/Local Emission Factor	0.01	95	0.0064

# Facility Emission Detail

## Cargill Inc Soybean Processing Division

Plant ID:1815700038

Report for 2023

Location: 1502 Wabash Ave,Lafayette,47905

NAICS: 311225 Fats and Oils Refining and Blending

<b>Group ID:</b> S-14		<b>Group Description:</b> Meal Loadout Baghouse (Truck & Rail) (Baghouse #5)		
<b>Percent Quarterly Throughput</b>				
<b>Winter:</b> 23	<b>Spring:</b> 21	<b>Summer:</b> 28	<b>Fall:</b> 28	
<b>Days Per Week:</b> 7	<b>Weeks Per Year:</b> 49	<b>Hours Per Day:</b> 24	<b>Hours Per Year:</b> 7313	
<b>Process ID:</b> S-14		<b>Process Description:</b> Meal Loadout Baghouse (Truck & Rail) (Baghouse #5)		
<b>SCC:</b>	30200791	<b>Stack:</b>	14	
	Food and Agriculture	<b>Description:</b>	S-14 Meal Loadout Baghouse (Truck & Rail) (Baghouse #5)	
	Grain Millings	<b>Stack Type:</b>	Vertical	
	Soybean: Bulk Loading	<b>Height:</b>	6	
<b>Heat Content:</b>	0	<b>Diameter:</b>	1.91	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	77	
<b>Ash Content:</b>	0	<b>Velocity:</b>	92.6	
<b>Throughput:</b>	7313 Hour	<b>Gas Flow:</b>	16000	
<b>Material:</b>	Soybean Meal	<b>Input/Output:</b>	Process Material Used (Input)	
<b>Pollutant</b>	<b>Emission Method</b>	<b>Emission Factor</b>	<b>Overall Ctrl Efficiency</b>	<b>Emissions(Tons)</b>
PM10-FIL	Site-Specific Emission Factor	0.48	0	1.7551
PM25-FIL	Site-Specific Emission Factor	0.48	0	1.7551
<b>Group ID:</b> S-14 Fugitive - RL		<b>Group Description:</b> Meal Loadout Fugitive Emissions - Rail Loadout		
<b>Percent Quarterly Throughput</b>				
<b>Winter:</b> 21	<b>Spring:</b> 19	<b>Summer:</b> 29	<b>Fall:</b> 31	
<b>Days Per Week:</b> 7	<b>Weeks Per Year:</b> 49	<b>Hours Per Day:</b> 24	<b>Hours Per Year:</b> 7313	
<b>Process ID:</b> S-14 Fugitive - RL		<b>Process Description:</b> Meal Loadout Fugitive Emissions - Rail Loadout		
<b>SCC:</b>	30200791	<b>Stack:</b>	0	
	Food and Agriculture	<b>Description:</b>	No Stack Associated	
	Grain Millings	<b>Stack Type:</b>	Fugitive	
	Soybean: Bulk Loading	<b>Height:</b>	0	
<b>Heat Content:</b>	0	<b>Diameter:</b>	0	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	0	
<b>Ash Content:</b>	0	<b>Velocity:</b>	0	
<b>Throughput:</b>	418592.73 Tons	<b>Gas Flow:</b>	0	
<b>Material:</b>	Soybean Meal	<b>Input/Output:</b>	Process Material Used (Input)	
<b>Pollutant</b>	<b>Emission Method</b>	<b>Emission Factor</b>	<b>Overall Ctrl Efficiency</b>	<b>Emissions(Tons)</b>
PM10-FIL	State/Local Emission Factor	0.0022	95	0.0230
PM25-FIL	State/Local Emission Factor	0.00037	95	0.0039

# Facility Emission Detail

## Cargill Inc Soybean Processing Division

Plant ID:1815700038

Report for 2023

Location: 1502 Wabash Ave,Lafayette,47905

NAICS: 311225 Fats and Oils Refining and Blending

<b>Group ID:</b> S-14 Fugitive - TL		<b>Group Description:</b> Meal Loadout Fugitive Emissions - Truck Loadout		
<b>Percent Quarterly Throughput</b>				
<b>Winter:</b> 25		<b>Spring:</b> 20		<b>Summer:</b> 30
				<b>Fall:</b> 25
<b>Days Per Week:</b> 7		<b>Weeks Per Year:</b> 49		<b>Hours Per Day:</b> 24
				<b>Hours Per Year:</b> 7313
<b>Process ID:</b> S-14 Fugitive - TL		<b>Process Description:</b> Meal Loadout Fugitive Emissions - Truck Loadout		
<b>SCC:</b>	30200791	<b>Stack:</b>	0	
	Food and Agriculture	<b>Description:</b>	No Stack Associated	
	Grain Millings	<b>Stack Type:</b>	Fugitive	
	Soybean: Bulk Loading	<b>Height:</b>	0	
<b>Heat Content:</b>	0	<b>Diameter:</b>	0	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	0	
<b>Ash Content:</b>	0	<b>Velocity:</b>	0	
<b>Throughput:</b>	225809.5 Tons	<b>Gas Flow:</b>	0	
<b>Material:</b>	Soybean Meal	<b>Input/Output:</b>	Process Material Used (Input)	
<b>Pollutant</b>	<b>Emission Method</b>	<b>Emission Factor</b>	<b>Overall Ctrl Efficiency</b>	<b>Emissions(Tons)</b>
PM10-FIL	State/Local Emission Factor	0.029	95	0.1637
PM25-FIL	State/Local Emission Factor	0.0049	95	0.0277
<b>Group ID:</b> S-15		<b>Group Description:</b> Solvent Loss from Extraction (Solvent Bubble)		
<b>Percent Quarterly Throughput</b>				
<b>Winter:</b> 23		<b>Spring:</b> 24		<b>Summer:</b> 27
				<b>Fall:</b> 27
<b>Days Per Week:</b> 7		<b>Weeks Per Year:</b> 49		<b>Hours Per Day:</b> 24
				<b>Hours Per Year:</b> 7313
<b>Process ID:</b> S-15		<b>Process Description:</b> Solvent Loss from Extraction (Solvent Bubble)		
<b>SCC:</b>	30201998	<b>Stack:</b>	15	
	Food and Agriculture	<b>Description:</b>	S-15 Solvent Loss from Extraction (Solvent Bubble)	
	Vegetable Oil Processing	<b>Stack Type:</b>	Vertical	
	Soybean Oil Production: Complete Process-Solvent Loss (average)	<b>Height:</b>	45	
<b>Heat Content:</b>	0	<b>Diameter:</b>	0.5	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	77	
<b>Ash Content:</b>	0	<b>Velocity:</b>	53.1	
<b>Throughput:</b>	99207.82 Gallons	<b>Gas Flow:</b>	625	
<b>Material:</b>	n-Hexane	<b>Input/Output:</b>	Process Material Used (Input)	
<b>Pollutant</b>	<b>Emission Method</b>	<b>Emission Factor</b>	<b>Overall Ctrl Efficiency</b>	<b>Emissions(Tons)</b>
VOC	Site-Specific Emission Factor	5.6	0	277.7819



# Facility Emission Detail

## Cargill Inc Soybean Processing Division

Plant ID:1815700038

Report for 2023

Location: 1502 Wabash Ave,Lafayette,47905

NAICS: 311225 Fats and Oils Refining and Blending

<b>Group ID: S-17</b>		<b>Group Description:Boiler #2</b>		
<b>Percent Quarterly Throughput</b>				
<b>Winter: 24</b>	<b>Spring: 20</b>	<b>Summer: 27</b>	<b>Fall: 28</b>	
<b>Days Per Week: 7</b>	<b>Weeks Per Year: 49</b>	<b>Hours Per Day: 24</b>	<b>Hours Per Year: 7313</b>	
<b>Process ID: S-17</b>		<b>Process Description: Boiler #2</b>		
<b>SCC:</b>	10200602	<b>Stack:</b>	17	
	Industrial	<b>Description:</b>	S-17 Boiler #2	
	Natural Gas	<b>Stack Type:</b>	Vertical	
	10-100 Million Btu/hr	<b>Height:</b>	60	
<b>Heat Content:</b>	1020	<b>Diameter:</b>	3.75	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	550	
<b>Ash Content:</b>	0	<b>Velocity:</b>	12.1	
<b>Throughput:</b>	493.3175 Million Cubic Feet	<b>Gas Flow:</b>	8000	
<b>Material:</b>	Natural Gas	<b>Input/Output:</b>	Process Material Used (Input)	
<b>Pollutant</b>	<b>Emission Method</b>	<b>Emission Factor</b>	<b>Overall Ctrl Efficiency</b>	<b>Emissions(Tons)</b>
NH3	EPA Emission Factor	3.2	0	0.7893
CO	EPA Emission Factor	84	0	20.7193
NOX	EPA Emission Factor	100	0	24.6659
7439921	EPA Emission Factor	0.0005	0	0.0001
SO2	EPA Emission Factor	0.6	0	0.1480
VOC	EPA Emission Factor	5.5	0	1.3566
PM10-FIL	State/Local Emission Factor	7.6	0	1.8746
PM25-FIL	State/Local Emission Factor	7.6	0	1.8746

# Facility Emission Detail

## Cargill Inc Soybean Processing Division

Plant ID:1815700038

Report for 2023

Location: 1502 Wabash Ave,Lafayette,47905

NAICS: 311225 Fats and Oils Refining and Blending

<b>Group ID: S-2</b>		<b>Group Description:</b> Basement Dust Collector (Receiving Area Baghouse, Baghouse #10)		
<b>Percent Quarterly Throughput</b>				
<b>Winter:</b> 23	<b>Spring:</b> 20	<b>Summer:</b> 28	<b>Fall:</b> 28	
<b>Days Per Week:</b> 7	<b>Weeks Per Year:</b> 49	<b>Hours Per Day:</b> 24 <b>Hours Per Year:</b> 7313		
<b>Process ID: S-2</b>		<b>Process Description:</b> Basement Dust Collector (Receiving Area Baghouse, Baghouse #10)		
<b>SCC:</b>	30200782	<b>Stack:</b>	2	
	Food and Agriculture	<b>Description:</b>	S-2 Basement Dust Collector (Receiving Area Baghouse, Baghouse #10)	
	Grain Millings	<b>Stack Type:</b>	Vertical	
	Soybean: Grain Handling	<b>Height:</b>	103	
<b>Heat Content:</b>	0	<b>Diameter:</b>	2.46	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	77	
<b>Ash Content:</b>	0	<b>Velocity:</b>	37.8	
<b>Throughput:</b>	7313.01 Hour	<b>Gas Flow:</b>	11000	
<b>Material:</b>	Soybeans	<b>Input/Output:</b>	Process Material Used (Input)	
<b>Pollutant</b>	<b>Emission Method</b>	<b>Emission Factor</b>	<b>Overall Ctrl Efficiency</b>	<b>Emissions(Tons)</b>
PM10-FIL	Stack Test	0	0	2.3987
PM25-FIL	Stack Test	0	0	2.3987
<b>Group ID: S-20</b>		<b>Group Description:</b> Grain Dryer		
<b>Percent Quarterly Throughput</b>				
<b>Winter:</b> 23	<b>Spring:</b> 19	<b>Summer:</b> 28	<b>Fall:</b> 30	
<b>Days Per Week:</b> 7	<b>Weeks Per Year:</b> 49	<b>Hours Per Day:</b> 24 <b>Hours Per Year:</b> 7313		
<b>Process ID: S-20</b>		<b>Process Description:</b> Grain Dryer - Processing		
<b>SCC:</b>	30200784	<b>Stack:</b>	20	
	Food and Agriculture	<b>Description:</b>	S-20 Grain Dryer	
	Grain Millings	<b>Stack Type:</b>	Vertical	
	Soybean: Drying	<b>Height:</b>	60	
<b>Heat Content:</b>	0	<b>Diameter:</b>	3.75	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	550	
<b>Ash Content:</b>	0	<b>Velocity:</b>	12.1	
<b>Throughput:</b>	801918.97 Tons	<b>Gas Flow:</b>	8000	
<b>Material:</b>	Soybeans	<b>Input/Output:</b>	Process Material Used (Input)	
<b>Pollutant</b>	<b>Emission Method</b>	<b>Emission Factor</b>	<b>Overall Ctrl Efficiency</b>	<b>Emissions(Tons)</b>
PM25-FIL	State/Local Emission Factor	0.0094	0	3.7690
PM10-FIL	State/Local Emission Factor	0.055	0	22.0528

# Facility Emission Detail

## Cargill Inc Soybean Processing Division

Plant ID:1815700038

Report for 2023

Location: 1502 Wabash Ave,Lafayette,47905

NAICS: 311225 Fats and Oils Refining and Blending

Process ID: S-20ng		Process Description: Grain Dryer		
SCC:	10200602	Stack:	20	
	Industrial	Description:	S-20 Grain Dryer	
	Natural Gas	Stack Type:	Vertical	
	10-100 Million Btu/hr	Height:	60	
Heat Content:	1020	Diameter:	3.75	
Sulfur Content:	0	Temperature:	550	
Ash Content:	0	Velocity:	12.1	
Throughput:	82.9706 Million Cubic Feet	Gas Flow:	8000	
Material:	Natural Gas	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
7439976	EPA Emission Factor	0.00026	0	0.0000
NH3	EPA Emission Factor	3.2	0	0.1328
CO	EPA Emission Factor	84	0	3.4848
NOX	EPA Emission Factor	100	0	4.1485
7439921	EPA Emission Factor	0.0005	0	0.0000
SO2	EPA Emission Factor	0.6	0	0.0249
VOC	EPA Emission Factor	5.5	0	0.2282

# Facility Emission Detail

## Cargill Inc Soybean Processing Division

Plant ID:1815700038

Report for 2023

Location: 1502 Wabash Ave,Lafayette,47905

NAICS: 311225 Fats and Oils Refining and Blending

<b>Group ID:</b> S-21		<b>Group Description:</b> Dryer/Cooler - Dryer Deck #3 (CY-714, Cyclone #8)		
<b>Percent Quarterly Throughput</b>				
<b>Winter:</b> 23	<b>Spring:</b> 20	<b>Summer:</b> 28	<b>Fall:</b> 28	
<b>Days Per Week:</b> 7	<b>Weeks Per Year:</b> 49	<b>Hours Per Day:</b> 24	<b>Hours Per Year:</b> 7313	
<b>Process ID:</b> S-21		<b>Process Description:</b> Dryer/Cooler - Dryer Deck #3 (CY-714, Cyclone #8)		
<b>SCC:</b>	30200789	<b>Stack:</b>	21	
	Food and Agriculture	<b>Description:</b>	S-21 Dryer/Cooler - Dryer Deck #3 (CY-714, Cyclone #8)	
	Grain Millings	<b>Stack Type:</b>	Vertical	
	Soybean: Meal Dryer	<b>Height:</b>	20	
<b>Heat Content:</b>	0	<b>Diameter:</b>	2	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	105	
<b>Ash Content:</b>	0	<b>Velocity:</b>	53.1	
<b>Throughput:</b>	7313.01 Hour	<b>Gas Flow:</b>	10000	
<b>Material:</b>	Soybean Meal	<b>Input/Output:</b>	Process Material Used (Input)	
<b>Pollutant</b>	<b>Emission Method</b>	<b>Emission Factor</b>	<b>Overall Ctrl Efficiency</b>	<b>Emissions(Tons)</b>
PM10-FIL	Stack Test	0	0	0.4022
PM-CON	Stack Test	0	0	0.2194
PM25-FIL	Stack Test	0	0	0.4022

# Facility Emission Detail

## Cargill Inc Soybean Processing Division

Plant ID:1815700038

Report for 2023

Location: 1502 Wabash Ave,Lafayette,47905

NAICS: 311225 Fats and Oils Refining and Blending

<b>Group ID: S-25</b>		<b>Group Description:</b> Dryer/Cooler - Cooler Deck (CY-715, Cyclone #9)		
<b>Percent Quarterly Throughput</b>				
<b>Winter: 23</b>	<b>Spring: 20</b>	<b>Summer: 28</b>	<b>Fall: 28</b>	
<b>Days Per Week: 7</b>	<b>Weeks Per Year: 49</b>	<b>Hours Per Day: 24</b>	<b>Hours Per Year: 7313</b>	
<b>Process ID: S-25</b>		<b>Process Description:</b> Dryer/Cooler - Cooler Deck (CY-715, Cyclone #9)		
<b>SCC:</b>	30200789	<b>Stack:</b>	25	
	Food and Agriculture	<b>Description:</b>	S-25 Dryer/Cooler - Cooler Deck (CY-715, Cyclone #9)	
	Grain Millings	<b>Stack Type:</b>	Vertical	
	Soybean: Meal Dryer	<b>Height:</b>	20	
<b>Heat Content:</b>	0	<b>Diameter:</b>	2	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	105	
<b>Ash Content:</b>	0	<b>Velocity:</b>	53.1	
<b>Throughput:</b>	7313.01 Hour	<b>Gas Flow:</b>	10000	
<b>Material:</b>	Soybean Meal	<b>Input/Output:</b>	Process Material Used (Input)	
<b>Pollutant</b>	<b>Emission Method</b>	<b>Emission Factor</b>	<b>Overall Ctrl Efficiency</b>	<b>Emissions(Tons)</b>
PM-CON	Stack Test	0	0	0.2194
PM10-FIL	Stack Test	0	0	0.4022
PM25-FIL	Stack Test	0	0	0.4022
<b>Group ID: S-26</b>		<b>Group Description:</b> Soybean Storage Tanks (A,B,C,D)		
<b>Percent Quarterly Throughput</b>				
<b>Winter: 23</b>	<b>Spring: 19</b>	<b>Summer: 28</b>	<b>Fall: 30</b>	
<b>Days Per Week: 7</b>	<b>Weeks Per Year: 49</b>	<b>Hours Per Day: 24</b>	<b>Hours Per Year: 7313</b>	
<b>Process ID: S-26</b>		<b>Process Description:</b> Soybean Storage Tanks (A,B,C,D)		
<b>SCC:</b>	30200782	<b>Stack:</b>	26	
	Food and Agriculture	<b>Description:</b>	S-26 Soybean Storage Tanks (A,B,C,D)	
	Grain Millings	<b>Stack Type:</b>	Vertical	
	Soybean: Grain Handling	<b>Height:</b>	58	
<b>Heat Content:</b>	0	<b>Diameter:</b>	1	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	70	
<b>Ash Content:</b>	0	<b>Velocity:</b>	3	
<b>Throughput:</b>	801918.97 Tons	<b>Gas Flow:</b>	141.34	
<b>Material:</b>	Soybeans	<b>Input/Output:</b>	Process Material Used (Input)	
<b>Pollutant</b>	<b>Emission Method</b>	<b>Emission Factor</b>	<b>Overall Ctrl Efficiency</b>	<b>Emissions(Tons)</b>
PM25-FIL	State/Local Emission Factor	0.0011	0	0.4411
PM10-FIL	Site-Specific Emission Factor	0.0063	0	2.5260

# Facility Emission Detail

## Cargill Inc Soybean Processing Division

Plant ID:1815700038

Report for 2023

Location: 1502 Wabash Ave,Lafayette,47905

NAICS: 311225 Fats and Oils Refining and Blending

<b>Group ID: S-3</b>		<b>Group Description:</b> Bean Cleaning Dust Collector (Bean Screener Baghouse, Baghouse #1)		
<b>Percent Quarterly Throughput</b>				
<b>Winter:</b> 23	<b>Spring:</b> 20	<b>Summer:</b> 28	<b>Fall:</b> 28	
<b>Days Per Week:</b> 7	<b>Weeks Per Year:</b> 49	<b>Hours Per Day:</b> 24	<b>Hours Per Year:</b> 7313	
<b>Process ID: S-3</b>		<b>Process Description:</b> Bean Cleaning Dust Collector (Bean Screener Baghouse, Baghouse #1)		
<b>SCC:</b>	30200782	<b>Stack:</b>	3	
	Food and Agriculture	<b>Description:</b>	S-3 Bean Cleaning Dust Collector (Bean Screener Baghouse, Baghouse #1)	
	Grain Millings	<b>Stack Type:</b>	Vertical	
	Soybean: Grain Handling	<b>Height:</b>	110	
<b>Heat Content:</b>	0	<b>Diameter:</b>	1.85	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	77	
<b>Ash Content:</b>	0	<b>Velocity:</b>	67.9	
<b>Throughput:</b>	7313.01 Hour	<b>Gas Flow:</b>	11000	
<b>Material:</b>	Soybeans	<b>Input/Output:</b>	Process Material Used (Input)	
<b>Pollutant</b>	<b>Emission Method</b>	<b>Emission Factor</b>	<b>Overall Ctrl Efficiency</b>	<b>Emissions(Tons)</b>
PM10-FIL	Stack Test	0	0	0.0987
PM25-FIL	Stack Test	0	0	0.0987
<b>Group ID: S-30</b>		<b>Group Description:</b> Expanders Cyclone (Cyclone CY-780)		
<b>Percent Quarterly Throughput</b>				
<b>Winter:</b> 22	<b>Spring:</b> 20	<b>Summer:</b> 29	<b>Fall:</b> 29	
<b>Days Per Week:</b> 7	<b>Weeks Per Year:</b> 49	<b>Hours Per Day:</b> 24	<b>Hours Per Year:</b> 7313	
<b>Process ID: S-30</b>		<b>Process Description:</b> Expanders Cyclone (Cyclone CY-780)		
<b>SCC:</b>	30200782	<b>Stack:</b>	30	
	Food and Agriculture	<b>Description:</b>	S-30 Expanders Cyclone (Cyclone CY-780)	
	Grain Millings	<b>Stack Type:</b>	Vertical	
	Soybean: Grain Handling	<b>Height:</b>	25	
<b>Heat Content:</b>	0	<b>Diameter:</b>	1	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	70	
<b>Ash Content:</b>	0	<b>Velocity:</b>	1.53	
<b>Throughput:</b>	410731.66 Tons	<b>Gas Flow:</b>	72.16	
<b>Material:</b>	Soybeans	<b>Input/Output:</b>	Process Material Used (Input)	
<b>Pollutant</b>	<b>Emission Method</b>	<b>Emission Factor</b>	<b>Overall Ctrl Efficiency</b>	<b>Emissions(Tons)</b>
PM10-FIL	State/Local Emission Factor	0.034	80	1.3965
PM25-FIL	State/Local Emission Factor	0.0058	80	0.2382

# Facility Emission Detail

## Cargill Inc Soybean Processing Division

Plant ID:1815700038

Report for 2023

Location: 1502 Wabash Ave,Lafayette,47905

NAICS: 311225 Fats and Oils Refining and Blending

<b>Group ID: S-34</b>		<b>Group Description:48% Meal Tank (TK812)</b>		
<b>Percent Quarterly Throughput</b>				
<b>Winter: 25</b>	<b>Spring: 25</b>	<b>Summer: 25</b>	<b>Fall: 25</b>	
<b>Days Per Week: 7</b>	<b>Weeks Per Year: 49</b>	<b>Hours Per Day: 24</b>	<b>Hours Per Year: 7313</b>	
<b>Process ID: S-34</b>		<b>Process Description: 48% Meal Tank (TK812)</b>		
<b>SCC:</b>	30200782	<b>Stack:</b>	34	
	Food and Agriculture	<b>Description:</b>	S-34 48% Meal Tank (TK812)	
	Grain Millings	<b>Stack Type:</b>	Vertical	
	Soybean: Grain Handling	<b>Height:</b>	64	
<b>Heat Content:</b>	0	<b>Diameter:</b>	5	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	70	
<b>Ash Content:</b>	0	<b>Velocity:</b>	0.12	
<b>Throughput:</b>	609896 Tons	<b>Gas Flow:</b>	145.16	
<b>Material:</b>	Soybean Meal	<b>Input/Output:</b>	Process Material Used (Input)	
<b>Pollutant</b>	<b>Emission Method</b>	<b>Emission Factor</b>	<b>Overall Ctrl Efficiency</b>	<b>Emissions(Tons)</b>
PM25-FIL	Engineering Judgement	0	0	0.3
PM10-FIL	Engineering Judgement	0	0	0.3
<b>Group ID: S-35</b>		<b>Group Description:44% Meal Tank (TK811)</b>		
<b>Percent Quarterly Throughput</b>				
<b>Winter: 25</b>	<b>Spring: 25</b>	<b>Summer: 25</b>	<b>Fall: 25</b>	
<b>Days Per Week: 7</b>	<b>Weeks Per Year: 49</b>	<b>Hours Per Day: 24</b>	<b>Hours Per Year: 7313</b>	
<b>Process ID: S-35</b>		<b>Process Description: 44% Meal Tank (TK811)</b>		
<b>SCC:</b>	30200782	<b>Stack:</b>	35	
	Food and Agriculture	<b>Description:</b>	S-35 44% Meal Tank (TK811)	
	Grain Millings	<b>Stack Type:</b>	Vertical	
	Soybean: Grain Handling	<b>Height:</b>	64	
<b>Heat Content:</b>	0	<b>Diameter:</b>	5	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	70	
<b>Ash Content:</b>	0	<b>Velocity:</b>	0.12	
<b>Throughput:</b>	609896 Tons	<b>Gas Flow:</b>	145.16	
<b>Material:</b>	Soybean Meal	<b>Input/Output:</b>	Process Material Used (Input)	
<b>Pollutant</b>	<b>Emission Method</b>	<b>Emission Factor</b>	<b>Overall Ctrl Efficiency</b>	<b>Emissions(Tons)</b>
PM10-FIL	Engineering Judgement	0	0	0.3
PM25-FIL	Engineering Judgement	0	0	0.3

# Facility Emission Detail

## Cargill Inc Soybean Processing Division

Plant ID:1815700038

Report for 2023

Location: 1502 Wabash Ave,Lafayette,47905

NAICS: 311225 Fats and Oils Refining and Blending

<b>Group ID: S-36</b>		<b>Group Description:DC-419 Baghouse</b>		
<b>Percent Quarterly Throughput</b>				
<b>Winter: 23</b>	<b>Spring: 20</b>	<b>Summer: 28</b>	<b>Fall: 28</b>	
<b>Days Per Week: 7</b>	<b>Weeks Per Year: 49</b>	<b>Hours Per Day: 24</b>	<b>Hours Per Year: 7313</b>	
<b>Process ID: S-36</b>		<b>Process Description: DC-419 Baghouse</b>		
<b>SCC:</b>	30200782	<b>Stack:</b>	36	
	Food and Agriculture	<b>Description:</b>	S-36 DC-419 Baghouse	
	Grain Millings	<b>Stack Type:</b>	Vertical	
	Soybean: Grain Handling	<b>Height:</b>	6	
<b>Heat Content:</b>	0	<b>Diameter:</b>	1.91	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	70	
<b>Ash Content:</b>	0	<b>Velocity:</b>	0.84	
<b>Throughput:</b>	7313.01 Hour	<b>Gas Flow:</b>	145.16	
<b>Material:</b>	Soybeans	<b>Input/Output:</b>	Process Material Used (Input)	
<b>Pollutant</b>	<b>Emission Method</b>	<b>Emission Factor</b>	<b>Overall Ctrl Efficiency</b>	<b>Emissions(Tons)</b>
PM10-FIL	Site-Specific Emission Factor	0.165	0	0.6033
PM25-FIL	Site-Specific Emission Factor	0.165	0	0.6033
<b>Group ID: S-4</b>		<b>Group Description:Hull Transfer, Pneumatic Hull Conveying System</b>		
<b>Percent Quarterly Throughput</b>				
<b>Winter: 23</b>	<b>Spring: 20</b>	<b>Summer: 28</b>	<b>Fall: 28</b>	
<b>Days Per Week: 7</b>	<b>Weeks Per Year: 49</b>	<b>Hours Per Day: 24</b>	<b>Hours Per Year: 7313</b>	
<b>Process ID: S-4</b>		<b>Process Description: Hull Transfer, Pneumatic Hull Conveying System</b>		
<b>SCC:</b>	30200782	<b>Stack:</b>	4	
	Food and Agriculture	<b>Description:</b>	S-4 Hull Conveying System, CY-706 Cyclone	
	Grain Millings	<b>Stack Type:</b>	Vertical	
	Soybean: Grain Handling	<b>Height:</b>	95	
<b>Heat Content:</b>	0	<b>Diameter:</b>	0.4	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	77	
<b>Ash Content:</b>	0	<b>Velocity:</b>	42.4	
<b>Throughput:</b>	7313.01 Hour	<b>Gas Flow:</b>	320	
<b>Material:</b>	Soybeans	<b>Input/Output:</b>	Process Material Used (Input)	
<b>Pollutant</b>	<b>Emission Method</b>	<b>Emission Factor</b>	<b>Overall Ctrl Efficiency</b>	<b>Emissions(Tons)</b>
PM10-FIL	Stack Test	0	0	0.0011
PM25-FIL	Stack Test	0	0	0.0011



# Facility Emission Detail

## Cargill Inc Soybean Processing Division

Plant ID:1815700038

Report for 2023

Location: 1502 Wabash Ave,Lafayette,47905

NAICS: 311225 Fats and Oils Refining and Blending

<b>Group ID:</b> S-5		<b>Group Description:</b> Flaker Aspiration Cyclone (Flaking Cyclone, Cyclone #4)		
<b>Percent Quarterly Throughput</b>				
<b>Winter:</b> 23		<b>Spring:</b> 20		<b>Summer:</b> 28
<b>Fall:</b> 28				
<b>Days Per Week:</b> 7		<b>Weeks Per Year:</b> 49		<b>Hours Per Day:</b> 24
<b>Hours Per Year:</b> 7313				
<b>Process ID:</b> S-5		<b>Process Description:</b> Flaker Aspiration Cyclone (Flaking Cyclone, Cyclone #4)		
<b>SCC:</b>	30200782	<b>Stack:</b>	5	
	Food and Agriculture	<b>Description:</b>	S-5 Flaker Aspiration Cyclone (Flaking Cyclone, Cyclone #4)	
	Grain Millings	<b>Stack Type:</b>	Vertical	
	Soybean: Grain Handling	<b>Height:</b>	45	
<b>Heat Content:</b>	0	<b>Diameter:</b>	2.11	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	120	
<b>Ash Content:</b>	0	<b>Velocity:</b>	36.2	
<b>Throughput:</b>	7313.01 Hour	<b>Gas Flow:</b>	7600	
<b>Material:</b>	Soybeans	<b>Input/Output:</b>	Process Material Used (Input)	
<b>Pollutant</b>	<b>Emission Method</b>	<b>Emission Factor</b>	<b>Overall Ctrl Efficiency</b>	<b>Emissions(Tons)</b>
PM25-FIL	Stack Test	0	0	1.5675
PM-CON	Stack Test	0	0	0.4969
PM10-FIL	Stack Test	0	0	1.5675

# Facility Emission Detail

## Cargill Inc Soybean Processing Division

Plant ID:1815700038

Report for 2023

Location: 1502 Wabash Ave,Lafayette,47905

NAICS: 311225 Fats and Oils Refining and Blending

<b>Group ID:</b> S-6		<b>Group Description:</b> Meal Sizing and Screening Baghouse (Meal Grinding and Sifting, Baghouse #2)		
<b>Percent Quarterly Throughput</b>				
<b>Winter:</b> 23		<b>Spring:</b> 20		<b>Summer:</b> 28
				<b>Fall:</b> 28
<b>Days Per Week:</b> 7		<b>Weeks Per Year:</b> 49		<b>Hours Per Day:</b> 24
				<b>Hours Per Year:</b> 7313
<b>Process ID:</b> S-6		<b>Process Description:</b> Meal Sizing and Screening Baghouse (Meal Grinding and Sifting, Baghouse #2)		
<b>SCC:</b>	30200786	<b>Stack:</b>	6	
	Food and Agriculture	<b>Description:</b>	S-6 Meal Grinding and Sifting, Baghouse #2	
	Grain Millings	<b>Stack Type:</b>	Vertical	
	Soybean: Hull Grinding	<b>Height:</b>	35	
<b>Heat Content:</b>	0	<b>Diameter:</b>	2.11	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	95	
<b>Ash Content:</b>	0	<b>Velocity:</b>	66.73	
<b>Throughput:</b>	7313.01 Hour	<b>Gas Flow:</b>	14000	
<b>Material:</b>	Soybeans	<b>Input/Output:</b>	Process Material Used (Input)	
<b>Pollutant</b>	<b>Emission Method</b>	<b>Emission Factor</b>	<b>Overall Ctrl Efficiency</b>	<b>Emissions(Tons)</b>
PM10-FIL	Site-Specific Emission Factor	0.165	0	0.6033
PM25-FIL	Site-Specific Emission Factor	0.165	0	0.6033
<b>Group ID:</b> S-7		<b>Group Description:</b> Dehulling Dust Collector (Cracking System Baghouse, Baghouse #3)		
<b>Percent Quarterly Throughput</b>				
<b>Winter:</b> 23		<b>Spring:</b> 20		<b>Summer:</b> 28
				<b>Fall:</b> 28
<b>Days Per Week:</b> 7		<b>Weeks Per Year:</b> 49		<b>Hours Per Day:</b> 24
				<b>Hours Per Year:</b> 7313
<b>Process ID:</b> S-7		<b>Process Description:</b> Dehulling Dust Collector (Cracking System Baghouse, Baghouse #3)		
<b>SCC:</b>	30200785	<b>Stack:</b>	7	
	Food and Agriculture	<b>Description:</b>	S-7 Dehulling Dust Collector (Cracking System Baghouse, Baghouse #3)	
	Grain Millings	<b>Stack Type:</b>	Vertical	
	Soybean: Cracking and Dehulling	<b>Height:</b>	28	
<b>Heat Content:</b>	0	<b>Diameter:</b>	2.7	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	77	
<b>Ash Content:</b>	0	<b>Velocity:</b>	46.6	
<b>Throughput:</b>	7313.01 Hour	<b>Gas Flow:</b>	16000	
<b>Material:</b>	Soybeans	<b>Input/Output:</b>	Process Material Used (Input)	
<b>Pollutant</b>	<b>Emission Method</b>	<b>Emission Factor</b>	<b>Overall Ctrl Efficiency</b>	<b>Emissions(Tons)</b>
PM10-FIL	Site-Specific Emission Factor	0.63	0	2.3036
PM25-FIL	Site-Specific Emission Factor	0.63	0	2.3036