



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/>

Received

JUN 27 2024

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 2-7-1 (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: Louis Dreyfus Company Agricultural Indus		2. Source ID: 085-00102
3. Mailing Address: 7344 SR 15 South		
City: Claypool	State: IN	ZIP Code: 46510-
4. Name of Emission Statement Preparer: Andre Tenorio		
5. Title of Emission Statement Preparer: (optional): SHE Manager		
6. Telephone Number: (574) 566-21	7. Facsimile Number (optional):	
8. Electronic Mail Address (optional): andre.tenorio@ldc.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
Carbon Monoxide (CO)	71.25
Lead (PB)	0.0004
Nitrogen Dioxide (NO2)	50.92
Particulate Matter <10 Microns (PM10)	33.04
Sulfur Dioxide (SO2)	0.51
Volatile Organic Compounds (VOC)	547.52

Part 70 Permit Billable Hazardous Air Pollutants (Plant Wide)	Tons Emitted
Tetrachloroethylene (Perc) (CAS#127184)	
Chlorine (CAS# 7782505)	
Hydrochloric Acid (CAS# 7647010)	
Hydrofluoric Acid (CAS# 7664393)	
Methyl Chloroform or 1,1,1-Trichloroethane (CAS# 71556)	
Methylene Chloride or Dichloromethane (CAS# 75092)	
Phosphine (CAS# 7803512)	
Mercury and Mercury Compounds (CAS#7439976 and TRI ID N458)	

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 preparers and on a reasonable inquiry into records and persons responsible for the operation of the source, and is true, accurate, and complete.

Kevin Meland

Name of Responsible Official (typed or printed)

DocuSigned by:

Kevin Meland

Signature of Responsible Official

NAM Regional SHE Manager

Title of Responsible Official

6/25/2024

Date (month, day, year)

Facility Emission Detail

Louis Dreyfus Company Agricultural Indu

Plant ID:1808500102

Report for 2023

Location: 7344 SR 15 S,Claypool,46510

NAICS: 311224 Soybean and Other Oilseed Processing

Facility Emissions Overview		
Pollutant	Pollutant Description	Emissions (Tons)
NH3	Ammonia	2.7240
CO	Carbon Monoxide	71.2574
7439921	Lead	0.0004
NOX	Nitrogen Oxides	50.9200
PM-CON	Primary PM Condensable Only (All Less Than 1 Micron)	15.8834
PM10-FIL	Primary PM10, Filterable Portion Only	17.1588
PM25-FIL	Primary PM2.5, Filterable Portion Only	15.0812
SO2	Sulfur Dioxide	0.5108
VOC	Volatile Organic Compounds	547.5213

Group ID: AF-1 & 2		Group Description: Grain Receiving/Meal Loadout		
Percent Quarterly Throughput				
Winter: 26	Spring: 26	Summer: 22	Fall: 26	
Days Per Week: 7	Weeks Per Year: 52	Hours Per Day: 24	Hours Per Year: 8760	
Process ID: AF-1		Process Description: AF-1 Receiving and Loadout Emissions		
SCC:	30200530	Stack:	AF-1	
	Food and Agriculture	Description:	Meal Loadout	
	Feed and Grain Terminal Elevators	Stack Type:	Vertical	
	Headhouse & Internal Handling (legs, belts, distributors, scale, etc.)	Height:	85	
Heat Content:	0	Diameter:	3.83	
Sulfur Content:	0	Temperature:	70	
Ash Content:	0	Velocity:	37.9	
Throughput:	8760 Hour	Gas Flow:	36000	
Material:	Grain	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	Site-Specific Emission Factor	0.11	0	0.4818
PM25-FIL	Site-Specific Emission Factor	0.11	0	0.4818
VOC	Site-Specific Emission Factor	5.1	0	22.338

Facility Emission Detail

Louis Dreyfus Company Agricultural Indu

Plant ID:1808500102

Report for 2023

Location: 7344 SR 15 S,Claypool,46510

NAICS: 311224 Soybean and Other Oilseed Processing

Process ID: AF-2		Process Description: AF-2 Receiving and Loadout Emissions		
SCC:	30200530	Stack:	AF-2	
	Food and Agriculture	Description:	Grain Rec'g	
	Feed and Grain Terminal Elevators	Stack Type:	Vertical	
	Headhouse & Internal Handling (legs, belts, distributors, scale, etc.)	Height:	85	
Heat Content:	0	Diameter:	3.83	
Sulfur Content:	0	Temperature:	70	
Ash Content:	0	Velocity:	32.37	
Throughput:	8760 Hour	Gas Flow:	13728	
Material:	Grain	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	Site-Specific Emission Factor	0.02	0	0.0876
PM25-FIL	Site-Specific Emission Factor	0.02	0	0.0876
Process ID: Hull L		Process Description: Truck & Rail Loadout Bins		
SCC:	30200540	Stack:	Fugiti	
	Food and Agriculture	Description:	Fugitive Releases	
	Feed and Grain Terminal Elevators	Stack Type:	Fugitive	
	Storage Bin Vents	Height:	0	
Heat Content:	0	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	96323.47 Tons	Gas Flow:	0	
Material:	Grain	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	State/Local Emission Factor	0.00625	0	0.3010
PM25-FIL	EPA Emission Factor	0.0011	0	0.0530

Facility Emission Detail

Louis Dreyfus Company Agricultural Indu

Plant ID:1808500102

Report for 2023

Location: 7344 SR 15 S,Claypool,46510

NAICS: 311224 Soybean and Other Oilseed Processing

Process ID: Rail L		Process Description: Rail Car Loadout - Fugitives		
SCC:	30200803	Stack:	Fugiti	
	Food and Agriculture	Description:	Fugitive Releases	
	Feed Manufacture	Stack Type:	Fugitive	
	Shipping	Height:	0	
Heat Content:	0	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	46507.79 Tons	Gas Flow:	0	
Material:	Grain	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	EPA Emission Factor	0.0008	0	0.0186
PM25-FIL	Site-Specific Emission Factor	0.0008	0	0.0186
Process ID: Rail R		Process Description: Rail Rec'g - Fugitives		
SCC:	30200553	Stack:	Fugiti	
	Food and Agriculture	Description:	Fugitive Releases	
	Feed and Grain Terminal Elevators	Stack Type:	Fugitive	
	Unloading (Receiving) from Railcars	Height:	0	
Heat Content:	0	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	11325.09 Tons	Gas Flow:	0	
Material:	Grain	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	EPA Emission Factor	0.0078	0	0.0442
PM25-FIL	EPA Emission Factor	0.0013	0	0.0074

Facility Emission Detail

Louis Dreyfus Company Agricultural Indu

Plant ID:1808500102

Report for 2023

Location: 7344 SR 15 S,Claypool,46510

NAICS: 311224 Soybean and Other Oilseed Processing

Process ID: TD 1&2		Process Description: Truck Rec'g - Fugitives		
SCC:	30200551	Stack:	Fugiti	
	Food and Agriculture	Description:	Fugitive Releases	
	Feed and Grain Terminal Elevators	Stack Type:	Fugitive	
	Unloading (Receiving) from Straight Trucks	Height:	0	
Heat Content:	0	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	73171.98 Tons	Gas Flow:	0	
Material:	Grain	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	EPA Emission Factor	0.059	0	2.1586
PM25-FIL	EPA Emission Factor	0.01	0	0.3659
Process ID: TL 1&2		Process Description: Truck Loader 1&2 - Fugitives		
SCC:	30200791	Stack:	Fugiti	
	Food and Agriculture	Description:	Fugitive Releases	
	Grain Millings	Stack Type:	Fugitive	
	Soybean: Bulk Loading	Height:	0	
Heat Content:	0	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	17978.6 Tons	Gas Flow:	0	
Material:	Soybean Meal	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	State/Local Emission Factor	0.0675	0	0.6068
PM25-FIL	State/Local Emission Factor	0.0675	0	0.6068

Facility Emission Detail

Louis Dreyfus Company Agricultural Indu

Plant ID:1808500102

Report for 2023

Location: 7344 SR 15 S,Claypool,46510

NAICS: 311224 Soybean and Other Oilseed Processing

Group ID: AF-11		Group Description: Temporary Flat Storage		
Percent Quarterly Throughput				
Winter: 10		Spring: 14		Summer: 10 Fall: 66
Days Per Week: 7		Weeks Per Year: 32		Hours Per Day: 4 Hours Per Year: 120
Process ID: Tempor		Process Description: Temporary Flat Storage		
SCC:	30200530	Stack:	AF-11	
	Food and Agriculture	Description:	Temporary Flat Storage	
	Feed and Grain Terminal Elevators	Stack Type:	Vertical	
	Headhouse & Internal Handling (legs, belts, distributors, scale, etc.)	Height:	25	
Heat Content:	0	Diameter:	2	
Sulfur Content:	0	Temperature:	72	
Ash Content:	0	Velocity:	159.15	
Throughput:	276880 Tons	Gas Flow:	30000	
Material:	Grain	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	Site-Specific Emission Factor	3E-05	0	0.0042
PM25-FIL	Site-Specific Emission Factor	3E-05	0	0.0042
Group ID: AF-3		Group Description: Prep Exhaust		
Percent Quarterly Throughput				
Winter: 26		Spring: 26		Summer: 22 Fall: 26
Days Per Week: 7		Weeks Per Year: 52		Hours Per Day: 24 Hours Per Year: 8052
Process ID: Grain		Process Description: Prep Exhaust		
SCC:	30200530	Stack:	AF-3	
	Food and Agriculture	Description:	Prep Exhaust	
	Feed and Grain Terminal Elevators	Stack Type:	Vertical	
	Headhouse & Internal Handling (legs, belts, distributors, scale, etc.)	Height:	125	
Heat Content:	0	Diameter:	3.82999992370605	
Sulfur Content:	0	Temperature:	90	
Ash Content:	0	Velocity:	10.67	
Throughput:	8052 Hour	Gas Flow:	7376	
Material:	Soybeans	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	Site-Specific Emission Factor	0.21	0	0.8455
PM25-FIL	Site-Specific Emission Factor	0.21	0	0.8455

Facility Emission Detail

Louis Dreyfus Company Agricultural Indu

Plant ID:1808500102

Report for 2023

Location: 7344 SR 15 S,Claypool,46510

NAICS: 311224 Soybean and Other Oilseed Processing

Group ID: AF-4		Group Description: Flakers	
Percent Quarterly Throughput			
Winter: 26	Spring: 26	Summer: 22	Fall: 26
Days Per Week: 6	Weeks Per Year: 52	Hours Per Day: 24	Hours Per Year: 8052

Process ID: Grain		Process Description: Flakers Aspiration	
SCC:	30200788	Stack:	AF-4
	Food and Agriculture	Description:	Flaker Aspiration
	Grain Millings	Stack Type:	Vertical
	Soybean: Flaking	Height:	45
Heat Content:	0	Diameter:	3
Sulfur Content:	0	Temperature:	120
Ash Content:	0	Velocity:	14.15
Throughput:	8052 Hour	Gas Flow:	6001
Material:	Soybeans	Input/Output:	Process Material Used (Input)

Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	Site-Specific Emission Factor	0.3	0	1.2078
PM25-FIL	Site-Specific Emission Factor	0.3	0	1.2078
PM-CON	Site-Specific Emission Factor	0.5	0	2.013

Group ID: AF-5		Group Description: Hot Dehulling	
Percent Quarterly Throughput			
Winter: 26	Spring: 26	Summer: 22	Fall: 26
Days Per Week: 6	Weeks Per Year: 52	Hours Per Day: 24	Hours Per Year: 8052

Process ID: Grain		Process Description: Hot Dehulling	
SCC:	30200785	Stack:	AF-5
	Food and Agriculture	Description:	Hot Dehulling
	Grain Millings	Stack Type:	Vertical
	Soybean: Cracking and Dehulling	Height:	125
Heat Content:	0	Diameter:	5.17000007629395
Sulfur Content:	0	Temperature:	125
Ash Content:	0	Velocity:	11.91
Throughput:	8052 Hour	Gas Flow:	15001
Material:	Soybeans	Input/Output:	Process Material Used (Input)

Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	Site-Specific Emission Factor	0.21	0	0.8455
PM25-FIL	Site-Specific Emission Factor	0.21	0	0.8455
PM-CON	Site-Specific Emission Factor	0.44	0	1.7714

Facility Emission Detail

Louis Dreyfus Company Agricultural Indu

Plant ID:1808500102

Report for 2023

Location: 7344 SR 15 S,Claypool,46510

NAICS: 311224 Soybean and Other Oilseed Processing

Group ID: AF-6		Group Description:Meal Grinding		
Percent Quarterly Throughput				
Winter: 26	Spring: 26	Summer: 22	Fall: 26	
Days Per Week: 6	Weeks Per Year: 52	Hours Per Day: 24	Hours Per Year: 8052	
Process ID: Grain		Process Description: Meal Grinding		
SCC:	30200793	Stack:	AF-6	
	Food and Agriculture	Description:	Meal Grinding	
	Grain Millings	Stack Type:	Vertical	
	Soybean: Meal Grinder/Sizing	Height:	125	
Heat Content:	0	Diameter:	2.32999992370605	
Sulfur Content:	0	Temperature:	70	
Ash Content:	0	Velocity:	21.5	
Throughput:	8052 Hour	Gas Flow:	5500	
Material:	Soybeans	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	Site-Specific Emission Factor	0.26	0	1.0468
PM25-FIL	Site-Specific Emission Factor	0.26	0	1.0468
PM-CON	Site-Specific Emission Factor	0.94	0	3.7844
VOC	Site-Specific Emission Factor	22.5	0	90.585
Group ID: AF-7		Group Description:Pod Grinder/Destoner		
Percent Quarterly Throughput				
Winter: 26	Spring: 26	Summer: 22	Fall: 26	
Days Per Week: 7	Weeks Per Year: 52	Hours Per Day: 24	Hours Per Year: 8286	
Process ID: Grain		Process Description: Pod Grinder/Destoner		
SCC:	30200786	Stack:	AF-7	
	Food and Agriculture	Description:	Pod Grinder/Screenner Baghouse	
	Grain Millings	Stack Type:	Vertical	
	Soybean: Hull Grinding	Height:	45	
Heat Content:	0	Diameter:	3	
Sulfur Content:	0	Temperature:	70	
Ash Content:	0	Velocity:	2.95	
Throughput:	96311 Tons	Gas Flow:	1251	
Material:	Soybeans	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	State/Local Emission Factor	0.5	99	0.2408
PM25-FIL	State/Local Emission Factor	0.5	99	0.2408

Facility Emission Detail

Louis Dreyfus Company Agricultural Indu

Plant ID:1808500102

Report for 2023

Location: 7344 SR 15 S,Claypool,46510

NAICS: 311224 Soybean and Other Oilseed Processing

Group ID: Bean Storage		Group Description: Bean Storage Piles 1&2		
Percent Quarterly Throughput				
Winter: 25	Spring: 25	Summer: 25	Fall: 25	
Days Per Week: 7	Weeks Per Year: 5	Hours Per Day: 24	Hours Per Year: 1	
Process ID: Grain		Process Description: Bean Storage		
SCC:	30200530	Stack:	Fugiti	
	Food and Agriculture	Description:	Fugitive Releases	
	Feed and Grain Terminal Elevators	Stack Type:	Fugitive	
	Headhouse & Internal Handling (legs, belts, distributors, scale, etc.)	Height:	0	
Heat Content:	0	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	0 Tons	Gas Flow:	0	
Material:	Soybeans	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	EPA Emission Factor	0.034	0	0
PM25-FIL	EPA Emission Factor	0.0058	0	0

Facility Emission Detail

Louis Dreyfus Company Agricultural Indu

Plant ID:1808500102

Report for 2023

Location: 7344 SR 15 S,Claypool,46510

NAICS: 311224 Soybean and Other Oilseed Processing

Group ID: Boiler B-1		Group Description:Boiler B-1		
Percent Quarterly Throughput				
Winter: 21		Spring: 17		Summer: 26
				Fall: 36
Days Per Week: 7		Weeks Per Year: 45		Hours Per Day: 24
				Hours Per Year: 5819
Process ID: natgas		Process Description: Natural Gas		
SCC:	10200601	Stack:	S-3	
	Industrial	Description:	Boiler B-1	
	Natural Gas	Stack Type:	Vertical	
	> 100 Million Btu/hr	Height:	125	
Heat Content:	1000	Diameter:	4.32000017166138	
Sulfur Content:	0	Temperature:	300	
Ash Content:	0	Velocity:	17.60	
Throughput:	810.39 Million Cubic Feet	Gas Flow:	15478	
Material:	Natural Gas	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
CO	EPA Emission Factor	84	0	34.0364
NH3	EPA Emission Factor	3.2	0	1.2966
NOX	CEMS - Continuous Emission Monitoring System	0	0	36.6211
PM10-FIL	EPA Emission Factor	1.9	0	0.7699
PM25-FIL	EPA Emission Factor	1.9	0	0.7699
PM-CON	EPA Emission Factor	5.7	0	2.3096
SO2	EPA Emission Factor	0.6	0	0.2431
VOC	EPA Emission Factor	5.5	0	2.2286
7439921	EPA Emission Factor	0.0005	0	0.0002

Facility Emission Detail

Louis Dreyfus Company Agricultural Indu

Plant ID:1808500102

Report for 2023

Location: 7344 SR 15 S,Claypool,46510

NAICS: 311224 Soybean and Other Oilseed Processing

Group ID: Boiler B-2		Group Description: Boiler B-2		
Percent Quarterly Throughput				
Winter: 100	Spring: 0	Summer: 0	Fall: 0	
Days Per Week: 1	Weeks Per Year: 1	Hours Per Day: 1	Hours Per Year: 300	
Process ID: natgas		Process Description: Natural Gas		
SCC:	10200601	Stack:	B-2	
	Industrial	Description:	Boiler B-2	
	Natural Gas	Stack Type:	Vertical	
	> 100 Million Btu/hr	Height:	125	
Heat Content:	1000	Diameter:	4.32	
Sulfur Content:	0	Temperature:	300	
Ash Content:	0	Velocity:	17.6	
Throughput:	49.68 Million Cubic Feet	Gas Flow:	15478	
Material:	Natural Gas	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
CO	Vender Emission Factor	74	0	1.8382
NH3	EPA Emission Factor	3.2	0	0.0795
NOX	Vender Emission Factor	33	0	0.8197
PM10-FIL	EPA Emission Factor	1.9	0	0.0472
PM25-FIL	EPA Emission Factor	1.9	0	0.0472
PM-CON	EPA Emission Factor	5.7	0	0.1416
SO2	EPA Emission Factor	0.6	0	0.0149
VOC	Vender Emission Factor	4.5	0	0.1118
7439921	EPA Emission Factor	0.0005	0	0.0000

Facility Emission Detail

Louis Dreyfus Company Agricultural Indu

Plant ID:1808500102

Report for 2023

Location: 7344 SR 15 S,Claypool,46510

NAICS: 311224 Soybean and Other Oilseed Processing

Group ID: MLBF-1		Group Description: Meal Loadout Bin Filter-1		
Percent Quarterly Throughput				
Winter: 26		Spring: 26		Summer: 22
				Fall: 26
Days Per Week: 6		Weeks Per Year: 52		Hours Per Day: 24
				Hours Per Year: 8760
Process ID: Meal C		Process Description: Captured Meal Loadout		
SCC:	30200803	Stack:	MLBF-1	
	Food and Agriculture	Description:	Meal Loadout Bin Filter -1	
	Feed Manufacture	Stack Type:	Vertical	
	Shipping	Height:	45	
Heat Content:	0	Diameter:	3	
Sulfur Content:	0	Temperature:	70	
Ash Content:	0	Velocity:	2.95	
Throughput:	1289728 Tons	Gas Flow:	1251	
Material:	Grain	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	State/Local Emission Factor	0.0063	99.97	0.0012
PM25-FIL	State/Local Emission Factor	0.0063	99.97	0.0012
VOC	Site-Specific Emission Factor	0.0509	0	32.8236
Process ID: Meal F		Process Description: Fugitive Meal loadout bins		
SCC:	30200803	Stack:	Fugiti	
	Food and Agriculture	Description:	Fugitive Releases	
	Feed Manufacture	Stack Type:	Fugitive	
	Shipping	Height:	0	
Heat Content:	0	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	64486.39 Tons	Gas Flow:	0	
Material:	Grain	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	State/Local Emission Factor	0.0063	0	0.2031
PM25-FIL	State/Local Emission Factor	0.0063	0	0.2031

Facility Emission Detail

Louis Dreyfus Company Agricultural Indu

Plant ID:1808500102

Report for 2023

Location: 7344 SR 15 S,Claypool,46510

NAICS: 311224 Soybean and Other Oilseed Processing

Group ID: S-1		Group Description: VSC cyclones		
Percent Quarterly Throughput				
Winter: 26		Spring: 26		Summer: 22
				Fall: 26
Days Per Week: 7		Weeks Per Year: 52		Hours Per Day: 24
				Hours Per Year: 8052
Process ID: S-1 Je		Process Description: Jet Dryer/VSC		
SCC:	30200787	Stack:	S-1	
	Food and Agriculture	Description:	VSC and Jet	
	Grain Millings	Stack Type:	Vertical	
	Soybean: Bean Conditioning	Height:	125	
Heat Content:	0	Diameter:	5	
Sulfur Content:	0	Temperature:	70	
Ash Content:	0	Velocity:	37	
Throughput:	8052 Hour	Gas Flow:	43590	
Material:	Soybeans	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	Site-Specific Emission Factor	0.76	0	3.0598
PM25-FIL	Site-Specific Emission Factor	0.76	0	3.0598
PM-CON	Site-Specific Emission Factor	0.49	0	1.9727
Process ID: vsc		Process Description: VSC		
SCC:	30200787	Stack:	S-6	
	Food and Agriculture	Description:	VSC Cyclone #2	
	Grain Millings	Stack Type:	Vertical	
	Soybean: Bean Conditioning	Height:	125	
Heat Content:	0	Diameter:	5	
Sulfur Content:	0	Temperature:	125	
Ash Content:	0	Velocity:	7.64	
Throughput:	8052 Hour	Gas Flow:	9001	
Material:	Soybeans	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	Site-Specific Emission Factor	0.59	0	2.3753
PM25-FIL	Site-Specific Emission Factor	0.59	0	2.3753
PM-CON	Site-Specific Emission Factor	0.37	0	1.4896

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Report for 2023

Location: 7344 SR 15 S,Claypool,46510

NAICS: 311224 Soybean and Other Oilseed Processing

Group ID: S-2 & 4		Group Description: S-2 & 4 Extraction		
Percent Quarterly Throughput				
Winter: 26		Spring: 26		Summer: 22
				Fall: 26
Days Per Week: 7		Weeks Per Year: 52		Hours Per Day: 24
				Hours Per Year: 8052
Process ID: Fugiti		Process Description: Fugitives		
SCC:	30201997	Stack:	Fugiti	
	Food and Agriculture	Description:	Fugitive Releases	
	Vegetable Oil Processing	Stack Type:	Fugitive	
	Soybean Oil Production: Complete Process-Solvent Loss (Plant-specific)	Height:	0	
Heat Content:	0	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	8052 Hour	Gas Flow:	0	
Material:	Product	Input/Output:	Process Material Produced (Outut)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
VOC	Material Balance	0	0	272.1886
Process ID: S-2 DC		Process Description: S-2 DC Deck Cyclones		
SCC:	30200789	Stack:	S-2	
	Food and Agriculture	Description:	DC Deck	
	Grain Millings	Stack Type:	Vertical	
	Soybean: Meal Dryer	Height:	125	
Heat Content:	0	Diameter:	5.17000007629395	
Sulfur Content:	0	Temperature:	130	
Ash Content:	0	Velocity:	14.20	
Throughput:	8052 Hour	Gas Flow:	17898	
Material:	Soybean Meal	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	Site-Specific Emission Factor	0.5	0	2.013
PM25-FIL	Site-Specific Emission Factor	0.5	0	2.013
VOC	Site-Specific Emission Factor	23.85	0	96.0201

Facility Emission Detail

Louis Dreyfus Company Agricultural Indu

Plant ID:1808500102

Report for 2023

Location: 7344 SR 15 S,Claypool,46510

NAICS: 311224 Soybean and Other Oilseed Processing

Process ID: S-4 mi		Process Description: S-4 Mineral Oil Absorber		
SCC:	30201916	Stack:	S-4	
	Food and Agriculture	Description:	Mineral Oil Absorber	
	Vegetable Oil Processing	Stack Type:	Vertical	
	Oil Extraction	Height:	125	
Heat Content:	0	Diameter:	0.5	
Sulfur Content:	0	Temperature:	80	
Ash Content:	0	Velocity:	19.86	
Throughput:	8052 Hour	Gas Flow:	234	
Material:	Extractor Feed Cake	Input/Output:	Process Material Produced (Outut)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
VOC	Site-Specific Emission Factor	6.52	0	26.2495
Group ID: S-5		Group Description: Biodiesel Process		
Percent Quarterly Throughput				
Winter: 25	Spring: 26	Summer: 23	Fall: 26	
Days Per Week: 6	Weeks Per Year: 52	Hours Per Day: 24	Hours Per Year: 8245	
Process ID: Fugiti		Process Description: Biodiesel Fugitives		
SCC:	30299998	Stack:	Fugiti	
	Food and Agriculture	Description:	Fugitive Releases	
	Other Not Specified	Stack Type:	Fugitive	
	Other Not Classified	Height:	0	
Heat Content:	0	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	8245 Hour	Gas Flow:	0	
Material:	Solvent	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
VOC	Site-Specific Emission Factor	0.64	0	2.6384

Facility Emission Detail

Louis Dreyfus Company Agricultural Indu

Plant ID:1808500102

Report for 2023

Location: 7344 SR 15 S,Claypool,46510

NAICS: 311224 Soybean and Other Oilseed Processing

Process ID: Methan		Process Description: Methanol Unloading		
SCC:	30299998	Stack:	S-5	
	Food and Agriculture	Description:	Min Oil Abs and Water Abs	
	Other Not Specified	Stack Type:	Vertical	
	Other Not Classified	Height:	50	
Heat Content:	0	Diameter:	0.330000013113022	
Sulfur Content:	0	Temperature:	70	
Ash Content:	0	Velocity:	6.63	
Throughput:	371 Hour	Gas Flow:	34	
Material:	Solvent	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
VOC	Site-Specific Emission Factor	0.007	0	0.0013
Process ID: no met		Process Description: No Methanol Unloading		
SCC:	30299998	Stack:	S-5	
	Food and Agriculture	Description:	Min Oil Abs and Water Abs	
	Other Not Specified	Stack Type:	Vertical	
	Other Not Classified	Height:	50	
Heat Content:	0	Diameter:	0.330000013113022	
Sulfur Content:	0	Temperature:	70	
Ash Content:	0	Velocity:	6.63	
Throughput:	7874 Hour	Gas Flow:	34	
Material:	Solvent	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
VOC	Site-Specific Emission Factor	0.005	0	0.0197

Facility Emission Detail

Louis Dreyfus Company Agricultural Indu

Plant ID:1808500102

Report for 2023

Location: 7344 SR 15 S,Claypool,46510

NAICS: 311224 Soybean and Other Oilseed Processing

Group ID: Temp Boilers		Group Description: Temporary Mobile Boiler		
Percent Quarterly Throughput				
Winter: 29		Spring: 36		Summer: 18
				Fall: 17
Days Per Week: 7		Weeks Per Year: 52		Hours Per Day: 24
				Hours Per Year: 8760
Process ID: P41796		Process Description: Temporary Mobile Boiler		
SCC:	10200602	Stack:	B-T	
	Industrial	Description:	Temporary Mobile Boiler	
	Natural Gas	Stack Type:	Vertical	
	10-100 Million Btu/hr	Height:	12	
Heat Content:	1000	Diameter:	4.57999992370605	
Sulfur Content:	0	Temperature:	373	
Ash Content:	0	Velocity:	17.60	
Throughput:	842.45 Million Cubic Feet	Gas Flow:	17397	
Material:	Natural Gas	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
CO	EPA Emission Factor	84	0	35.3829
NH3	EPA Emission Factor	3.2	0	1.3479
NOX	State/Local Emission Factor	32	0	13.4792
PM10-FIL	EPA Emission Factor	1.9	0	0.8003
PM25-FIL	EPA Emission Factor	1.9	0	0.8003
PM-CON	EPA Emission Factor	5.7	0	2.4010
SO2	EPA Emission Factor	0.6	0	0.2527
VOC	EPA Emission Factor	5.5	0	2.3167
7439921	EPA Emission Factor	0.0005	0	0.0002