

PUBLIC NOTICE

The Iowa Department of Natural Resources (DNR) is proposing to issue a Title V Operating Permit to Diamond V Mills, LLC. This facility is located at 2575 60th Ave SW, Cedar Rapids, IA. DNR is currently reviewing a permit application submitted by Diamond V Mills, LLC to operate their existing animal feed additive manufacturing facility.

Diamond V Mills, LLC is required to obtain a Title V Operating Permit pursuant to 567 Iowa Administrative Code (IAC) 24.101. This facility has the potential to emit the following air pollutants annually:

PM-2.5 (particulate matter 2.5 microns or less in diameter): 21.90 tons
PM-10 (particulate matter ten microns or less in diameter): 91.99 tons
Particulate Matter: 97.97 tons
Sulfur Dioxide: 0.32 tons
Nitrogen Oxides: 53.26 tons
Volatile Organic Compounds: 245 tons
Carbon Monoxide: 44.74 tons
Lead: 0.00 tons
Hazardous Air Pollutants: 9.4 (single) / 24.4 (total) tons

Based on the information provided in the Title V Operating Permit application, the DNR has made an initial determination that the facility meets all the applicable criteria for the issuance of an operating permit specified in 567 IAC 24.107.

A copy of the Fact Sheet (which describes the facility and summarizes the permit review) and a copy of the draft Title V Operating Permit are available on the DNR's Air Quality Bureau's and the Linn County Public Health Department's Air Quality Division's website's at:

www.iowadnr.gov/titlev-draft

<http://www.linncleanair.org/Business-and-Industry/Draft-Permits.aspx>

For additional information or for a copy of the draft permit or fact sheet contact:

Tony Daugherty
Linn County Public Health
Air Quality Branch
1020 6th Street SE
Cedar Rapids, IA 52401
Phone: (319) 892-6013
E-mail: Anthony.Daugherty@linncountyiowa.gov

A complete record of the permit review, including the permit application and the proposed permit, is available for public inspection Monday-Friday, 8:00 a.m. - 4:30 p.m., at the following offices:

Iowa Department of Natural Resources
Air Quality Bureau
6200 Park Ave, Ste #200
Des Moines, Iowa 50321

Linn County Public Health
Air Quality Division
1020 6th Street SE
Cedar Rapids, IA 52401

The public comment period for the draft permit will run from September 10, 2026 through October 9, 2026. During the public comment period, anyone may submit written comments on the permit. Mail signed comments to Tony Daugherty at the Linn County Public Health address shown above. The beginning date of this public comment period also serves as the beginning of the U.S. Environmental Protection Agency's (EPA) 45-day review period, provided the EPA does not seek a separate review period.

Written requests for a public hearing concerning the permit may also be submitted during the comment period. Any hearing request must state the person's interest in the subject matter, and the nature of the issues proposed to be raised at the hearing. DNR will hold a public hearing upon finding, on the basis of requests, a significant degree of relevant public interest in a draft permit. Mail hearing requests to Tony Daugherty at the Linn County Public Health address shown above.

DNR and Linn County will keep a record of the issues raised during the public participation process and will prepare written responses to all comments received. The comments and responses will be compiled into a responsiveness summary document. After the close of the public comment period, DNR will make a final decision on the permit application. The responsiveness summary and the final permit will be available to the public upon request.

Individuals with disabilities or limited English proficiency are encouraged to participate in all DNR activities, including submitting public comments. If a reasonable accommodation or language services are needed to participate, contact the Air Quality Bureau staff member listed or Relay Iowa TTY Service at 800-735-7942 in advance to advise them of your specific needs. DNR's language access and disability nondiscrimination plans are available at <https://www.iowadnr.gov/About-DNR/Environmental-Justice>.

Iowa Department of Natural Resources
Title V Operating Permit DRAFT

Name of Permitted Facility: Diamond V Mills, LLC

Facility Location: 2575 60th Ave SW, Cedar Rapids, IA 52404

Air Quality Operating Permit Number: XX-TV-000

Expiration Date: Month Day, Year

Permit Renewal Application Deadline: Month Day, Year

EIQ Number: 92-7025

Facility File Number: 57-01-237

Responsible Official

Name: Douglas Paulson

Title: BOSC Director

Mailing Address: 2575 60th Ave SW, Cedar Rapids, IA 52404

Phone #: (319) 866-7693

Permit Contact Person for the Facility

Name: Mat Scherbring

Title: Environmental Health & Safety Manager

Mailing Address: PO Box 74570 Cedar Rapids, IA 52407

Phone #: (319) 866-7614

This permit is issued in accordance with 567 Iowa Administrative Code Chapter 24 and is issued subject to the terms and conditions contained in this permit.

For the Director of the Department of Natural Resources

Corey McCoid, Supervisor of Air Operating Permits Section

Date

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Abbreviations

acfm	actual cubic feet per minute	LCCO	Linn County Code of Ordinances
ATI	authorization to install	MMcf/hr	million cubic feet per hour
bph	bushels per hour	MVAC	motor vehicle air conditioner
bpy	bushels per year	NG	natural gas
Btu	British thermal units	NAICS	North American Industry Classification System
CFR	Code of Federal Regulation		
CY1	concentrates yeast 1	NSPS	new source performance standard
CY2	concentrated yeast 2	ppm _v	parts per million by volume
CY3	concentrated yeast 3	PTO	permit to operate
CE	control equipment	lb/hr	pounds per hour
°F	degrees Fahrenheit	RTO	regenerative thermal oxidizer
dscfm	dry standard cubic feet per minute	scfm	standard cubic feet per minute
EIQ	emissions inventory questionnaire	SIC	standard Industrial Classification
EP	emission point	tph	tons per hour
EU	emission unit	tpy	tons per year
gpm	gallons per minute	USEPA	United States Environmental Protection Agency
gr./dscf	grains per dry standard cubic foot		
H	horizontal	V	vertical, unobstructed
IAC	Iowa Administrative Code	VR	vertical with rain cap or obstruction
IDNR	Iowa Department of Natural Resources	YC	yeast culture
LB	Lactobacillus	YGS	yeast growth system
LCPH	Linn County Public Health		

Pollutants

PM	particulate matter
PM ₁₀	particulate matter ten microns or less in diameter
PM _{2.5}	particulate matter two point five microns and less in diameter
SO ₂	sulfur dioxide
NO _x	nitrogen oxides
VOC	volatile organic compound
CO	carbon monoxide
HAP	hazardous air pollutant
SHAP	single hazardous air pollutant
THAP	total hazardous air pollutant

I. Facility Description and Equipment List

Facility Name: Diamond V Mills, LLC

Permit Number: XX-TV-000

Facility Description: Animal feed additive manufacturing (NAICS 31119; SIC 2048)

Table 1 – Equipment List

Emission Point #	Emission Unit #	Emission Unit Description	Construction Permit # LCPH ATI / PTO
201A	201A-EU1	Receiving Pit 1 Drag Conveyor	--
201B	201B-EU1	Receiving Pit 2 Drag Conveyor	--
201C	201C-EU1	Receiving Pit 101 Drag Conveyor	7273 / 7066
202A	202A-EU1	Grain Transfer to Day Bin 1	7125 / 6855
202B	202B-EU1	Grain Transfer to Day Bin 2	7126 / 6856
202C	202C-EU1	Grain Transfer to Day Bin 3	7127 / 6857
202D	202D-EU1	Grain Transfer to Day Bin 4	7128 / 6858
202E	202E-EU1	Grain Transfer to Day Bin 5	7129 / 6859
202F	202F-EU1	Grain Transfer to Day Bin 6	7130 / 6860
202G	202G-EU1	Grain Transfer to Day Bin 7	7131 / 6861
202H	202H-EU1	Grain Transfer to Day Bin 8	7132 / 6862
203A	203A-EU1	Pneumatic Grain Transfer	7133 / 6863
203B	203B-EU1	Hammermill 2	7134 / 6864
203C	203C-EU1	Hammermill 3	7170 / 7091
203D	203D-EU1	Tunnel Hammermill 155	7171 / 7092
203E	203E-EU1	Pneumatic Feed Transfer from Hammermill 155	7172 / 7093-R2
203H	203H-EU1	FP Pneumatic Transfer 2	7274 / 7067-R2
204A	204A-EU1	Batching Bins 1-16	7135 / 6865
204B	204B-EU1	Batching Bins 17-32	7136 / 6866
204C	204C-EU1	Batching Bins 33-48	7137 / 6867
204D	204D-EU1	Batching Bins 49-64	7138 / 6868
204E	204E-EU1	Batching Bins BB101-BB112	7311 / 7068
204E2	204E2-EU1	Batching Bin BB102	7465 / 7231
204E3	204E3-EU1	Batching Bin BB103	7466 / 7232
204E4	204E4-EU1	Batching Bin BB104	7467 / 7233
204E5	204E5-EU1	Batching Bin BB105	7468 / 7234
204E6	204E6-EU1	Batching Bin BB106	7469 / 7235
204E7	204E7-EU1	Batching Bin BB107	7470 / 7236
204E8	204E8-EU1	Batching Bin BB108	7471 / 7237
204E9	204E9-EU1	Batching Bin BB109	7472 / 7238
204E10	204E10-EU1	Batching Bin B110	7473 / 7239
204E11	204E11-EU1	Batching Bin B111	7474 / 7240
204E12	204E12-EU1	Batching Bin B12	7475 / 7241
204G	204G-EU1	Batching Bins BB113-BB120	7312 / 7094
204G2	204G2-EU1	Batching Bin BB114	7476 / 7242
204G3	204G3-EU1	Batching Bin BB115	7477 / 7243
204G4	204G4-EU1	Batching Bin BB116	7478 / 7244
204G5	204G5-EU1	Batching Bin BB117	7479 / 7245
204G6	204G6-EU1	Batching Bin BB118	7480 / 7246
204G7	204G7-EU1	Batching Bin BB119	7481 / 7247
204G8	204G8-EU1	Batching Bin BB120	7482 / 7248
204H	204H-EU1	Day Bin DB101	7276 / 7069
204H1	204H1-EU1	Batching Bin BB121	7505 / 7327
204H2	204H2-EU1	Batching Bin BB122	7506 / 7328
204H3	204H3-EU1	Batching Bin BB123	7507 / 7329

Emission Point #	Emission Unit #	Emission Unit Description	Construction Permit # LCPH ATI / PTO
204H4	204H4-EU1	Batching Bin BB124	7508 / 7330
204H5	204H5-EU1	Batching Bin BB125	7509 / 7331
204H6	204H6-EU1	Batching Bin BB126	7510 / 7332
204H7	204H7-EU1	Batching Bin BB127	7511 / 7333
204H8	204H8-EU1	Batching Bin BB128	7512 / 7334
204H9	204H9-EU1	Batching Bin BB129	7513 / 7335
204H10	204H10-EU1	Batching Bin BB130	7514 / 7337
204H11	204H11-EU1	Batching Bin BB131	7515 / 7337
204H12	204H12-EU1	Batching Bin BB132	7516 / 7338
204I	204I-EU1	Day Bin DB102	7277 / 7070
204J	204J-EU1	Day Bin DB103	7837 / 7607
204K	204K-EU1	Day Bin DB104	7838 / 7608
205A	205A-EU1	Weigh Hopper 1	7139 / 6869
205B	205B-EU1	Weigh Hopper 2	7140 / 6870
205C	205C-EU1	Weigh Hopper 3	7141 / 6871
205D	205D-EU1	Weigh Hopper 4	7142 / 6872
205E	205E-EU1	Weigh Hopper 5	7143 / 6873
205F	205F-EU1	Weigh Hopper 6	7144 / 6874
205G	205G-EU1	Weigh Hopper 7	7145 / 6875
205G1	205G1-EU1	Screw Conveyor 7	7146 / 6876
205H	205H-EU1	Weigh Hopper 8	7147 / 6877
205H1	205H1-EU1	Weigh Hopper 9	7759 / 7474
205I	205I-EU1	Batching Bin WH101	7839 / 7609
205J	205J-EU1	Batching Bin WH102	7840 / 7610
205K	205K-EU1	Weigh Hopper WH103	7174 / 7095
205K1	205K1-EU1	Weigh Hopper 104	7244 / 7104
205L	205L-EU1	Tunnel Weigh Hopper 105	7175 / 7096
205N	205N-EU1	Weigh Hopper 107	7279 / 7072
205O	205O-EU1	Weigh Hopper 108	7280 / 7073
205P	205P-EU1	Weigh Hopper 109	7281 / 7074
206A	206A-EU1	Surge Hopper 1	7148 / 6878
206B	206B-EU1	Surge Hopper 2	7149 / 6879
206C	206C-EU1	Surge Hopper 3	7150 / 6880
206D	206D-EU1	Surge Hopper 4	7151 / 6881
206G	206G-EU1	Surge Hopper 7	7152 / 6882
206H	206H-EU1	Surge Hopper 8	7153 / 6883
206I	206I-EU1	Surge Hopper SH-102	7700 / 7422
206J	206J-EU1	Surge Hopper SH-103	7701 / 7423
206K	206K-EU1	Surge Hopper SH-104	7841 / 7611
206L	206L-EU1	Tunnel Surge Hopper SH-105	7176 / 7097
206P	206P-EU1	Surge Hopper SH-109	7282 / 7075
207A	207A-EU1	Dryer 5	7823-R2 / 7593-R1
	207A-EU2	Dryer 5 Burner	
	207A-EU3	Dryer 6	
	207A-EU4	Dryer 6 Burner	
	207A-EU5	Dryer 5/6 RTO Burner	
207A1	207A-EU1	Dryer 5 Bypass	7849 / 7619-R1
207A2	207A-EU2	Dryer 6 Bypass	7850 / 7620-R1
207B	207B-EU1	Dryer 7	7824-R2 / 7594-R1
	207B-EU2	Dryer 7 Burner	
	207B-EU3	Dryer 8	
	207B-EU4	Dryer 8 Burner	
	207B-EU5	Dryer 7/8 RTO Burner	
207B1	207B-EU1	Dryer 7 Bypass	7851 / 7621-R1

Emission Point #	Emission Unit #	Emission Unit Description	Construction Permit # LCPH ATI / PTO
207B2	207B-EU3	Dryer 8 Bypass	7852 / 7622-R1
207C	207C-EU1	Dryer 9	7825-R2 / 7595-R1
	207C-EU2	Dryer 9 Burner	
	207C-EU3	Dryer 10	
	207C-EU4	Dryer 10 Burner	
	207C-EU5	Dryer 9/10 RTO Burner	
207C1	207C-EU1	Dryer 9 Bypass	7853 / 7623-R1
207C2	207C-EU3	Dryer 10 Bypass	7854 / 7624-R1
207D	207D-EU1	Dryer 11	7826-R2 / 7596-R1
	207D-EU2	Dryer 11 Burner	
	207D-EU3	Dryer 12	
	207D-EU4	Dryer 12 Burner	
	207D-EU5	Dryer 11/12 RTO Burner	
207D1	207D-EU1	Dryer 11 Bypass	7855 / 7625-R1
207D2	207D-EU3	Dryer 12 Bypass	7856 / 7626-R1
207E	207E-EU3	Dryer 14	7827-R2 / 7597-R1
	207E-EU4	Dryer 14 Burner	
	207E-EU5	Dryer 14 RTO Burner	
207E2	207E-EU3	Dryer 14 Bypass	7857 / 7627-R1
207F	207F-EU1	Dryer 15	7828-R2 / 7598-R1
	207F-EU2	Dryer 15 Burner	
	207F-EU3	Dryer 16	
	207F-EU4	Dryer 16 Burner	
	207F-EU5	Dryer 15/16 RTO Burner	
207F1	207F-EU1	Dryer 15 Bypass	7858 / 7628-R1
207F2	207F-EU3	Dryer 16 Bypass	7859 / 7629-R1
208A	208A-EU1	Cooler 5	7829 / 7599-R2
	208A-EU2	Impact Mill 5	
208B	208B-EU1	Cooler 6	7830 / 7600-R2
	208B-EU2	Impact Mill 6	
208B1	208B1-EU1	Pneumatic Transfer from Coolers 6/7	8540
208C	208C-EU1	Cooler 7	7831 / 7601-R2
	208C-EU2	Impact Mill 7	
208E	208E-EU1	Cooler 9	7832 / 7602-R2
	208E-EU2	Impact Mill 9	
208G	208G-EU1	Cooler 11	7833 / 7603-R2
	208G-EU2	Impact Mill 11	
208J	208J-EU1	Cooler 14	7834 / 7604-R2
208J1	208J1-EU1	Pneumatic Transfer from Cooler 14	7842 / 7612
208K	208K-EU1	Cooler 15	7835 / 7605-R2
208K1	208K1-EU1	Pneumatic Transfer from Cooler 15	7843 / 7613
208L	208L-EU1	Cooler 16	7836 / 7606-R2
208L1	208L1-EU1	Pneumatic Transfer from Cooler 16	7844 / 7614
209A	209A-EU1	Packaging Line 1	7154 / 6884
209B	209B-EU1	Packaging Line 2	7155 / 6885
209C	209C-EU1	Bulk Bag Filling Station Weigh	7156 / 6886
209D	209D-EU1	Packaging Line 3	7157 / 6887
209E	209E-EU1	Bulk Bag Filling Station Weigh	7158 / 6888
209F	209F-EU1	Packaging Line 4	7159 / 6889
209F2			7160 / 6890
209G	209G-EU1	Packaging Line 101	7180 / 7062
209G1	209G1-EU1	Packaging Bin 101	7181 / 7063
209G2	209G2-EU1	Packaging Line 101 Weigh Hopper	7400 / 7105
209H	209H-EU1	Packaging Line PL102	7284 / 7064

Emission Point #	Emission Unit #	Emission Unit Description	Construction Permit # LCPH ATI / PTO
209H1	209H1-EU1	Packaging Bin PB102	7285 / 7065
209H2	209H2-EU1	Packaging Line 102	7401 / 7106
209I	209I-EU1	Bulk Bag Filling Station SH105	7182 / 7101
211A	211A-EU1	Tunnel Bin 101	7845 / 7615
211B	211B-EU1	Tunnel Bin 102	7846 / 7616
211C	211C-EU1	Tunnel Bin TB103	7847 / 7617
211D	211D-EU1	Tunnel Bin TB104	7848 / 7618
212A	212A-EU1	Bulk Loadout Conveyor	7161 / 6891
213A	213A-EU1	Spray Dryer	6783-R1 / 6827-R2
	213A-EU2	Spray Dryer Burner	
	213A-EU3	Spray Dryer RTO Burner	
213A1	213A-EU1	Spray Dryer Bypass	7239 / 6950-R1
214A	214A-EU1	SD Pneumatic Conveying	7262 / 7090-R2
215A	215A-EU1	SD Weigh Hopper 1	7162 / 6892
216A	216A-EU1	Calcium Carbonate Pneumatic Transfer System	7485 / 7249
218A	218A-EU1	Blending Tunnel Bin BTB101	7581 / 7371
218B	218B-EU1	Blending Tunnel Bin BTB102	7291 / 7082
218C	218C-EU1	Blending Tunnel Bin BTB103	7292 / 7083
218D	218D-EU1	Blending Tunnel Bin BTB104	7293 / 7084
218E	218E-EU1	Blending Tunnel Bin BTB105	7294 / 7085
218F	218F-EU1	Blending Tunnel Bin BTB106	7295 / 7086
219A	219A-EU1	Loadout Bin LOB101	7313 / 7135
219B	219B-EU1	Loadout Bin LOB102	7314 / 7136
220A	220A-EU1	Bulk Loadout	7315 / 7137
221A	221A-EU1	Bag Break Station BBS-4960	7573 / 7348
300A	300A-EU1	YGS Bioreactor 1	8030-R1 / 7716-R1
300B	300B-EU1	YGS Bioreactor 2	8031 / 7717-R1

Table 2 – Insignificant Activities Equipment List

Emission Unit #	Emission Unit Description
YCT1	Yeast Cream Tank 1
YCT2	Yeast Cream Tank 2
YCT3	Yeast Cream Tank 3
YCT4	Yeast Cream Tank 4
DFT1	Dryer Feed Tank 1
DFT2	Dryer Feed Tank 2
DFT3	Dryer Feed Tank 3
DFT4	Dryer Feed Tank 4
DFT5	Dryer Feed Tank 5
DFT6	Dryer Feed Tank 6
SYT1	Selenium Yeast Tank 1
SYT2	Selenium Yeast Tank 2
MT1	Molasses Tank 1
MT2	Molasses Tank 2
MT3	Molasses Tank 3
MT4	Molasses Tank 4
N1T1	Nutrient 1 Tank 1
N1T2	Nutrient 1 Tank 2
N1T3	Nutrient 1 Tank 3
N1T4	Nutrient 1 Tank 4
N3T1	Nutrient 3 Tank 1
N3T2	Nutrient 3 Tank 2
N3T3	Nutrient 3 Tank 3
N3T4	Nutrient 3 Tank 4
210A-EU1	Boiler 1
210B-EU1	Boiler 2

II. Plant-Wide Conditions

Facility Name: Diamond V Mills, LLC

Permit Number: **XX-TV-000**

Permit conditions are established in accordance with 567 Iowa Administrative Code (IAC) rule 24.108.

Permit Duration

The term of this permit is: less than 5 years

Commencing on: **Month Day, Year**

Ending on: **Month Day, Year**

Amendments, modifications and reopenings of this permit shall be obtained in accordance with 567 IAC rules 24.110 – 24.114. Permits may be suspended, terminated, or revoked as specified in 567 IAC rules 24.115.

Plant-Wide Emission Limits

Unless specified otherwise in the Source Specific Conditions, the following limitations and supporting regulations apply to all emission points at this plant:

Table 3. Facility VOC/HAP Bubble Limit

The emissions from this facility shall not exceed the levels specified below.

EP	Pollutant	Emission Limit(s)
Facility-wide	VOC	245 tpy ¹
	Single HAP	9.4 tpy ²
	Total HAP	24.4 tpy ³

¹ Facility-wide emission limit established to limit the potential to emit (PTE) below 250 tons per year to remain classified as a 'synthetic minor for Prevention of Significant Deterioration (PSD) source'.

² Facility-wide emission limit established to remain an area source for Acetaldehyde.

³ Facility-wide emission limit established to remain classified as an 'area source'. This limit applies to all hazardous air pollutants; however, acetaldehyde is the HAP of interest. Demonstrating compliance with the individual limit of 9.4 tons per year ensures total HAP emissions at the facility will not exceed 24.4 tons per year.

Facility Operating Requirements with Associated Monitoring and Recordkeeping

- A. The owner or operator shall track and maintain monthly records of each parameter used to calculate emissions for all emission units at the facility that have the potential to emit VOC and/or HAP emissions (e.g., raw material inputs, fuel consumption, product throughput, hours of operation, emission factor, emission factor basis, etc.).
- B. The owner or operator shall maintain monthly records of the amount of each product dried at this facility.
- C. The owner or operator shall calculate the monthly total of VOC and HAP (e.g., Acetaldehyde) emissions. Each monthly total calculation must use a mass balance approach based on the most recent testing data collected from these emission sources at the facility for VOC and HAP, respectively. Tracking of process rates and other associated information will be completed via internal tracking methods. When calculating the VOC and HAP emissions, the owner or operator shall assume the following:
 - (1) A product-specific VOC emission factor must be determined using the arithmetic mean of the most recent product-specific compliance test results accepted by Linn County Public Health.
 - (2) A product-specific HAP emission factor must be determined using the arithmetic mean of the most recent product-specific compliance test results accepted by Linn County Public Health.
 - (3) Diamond V may only use emission factors developed by engineering testing until such time the product-specific compliance testing is required by the Department and subsequently completed.

- D. The owner or operator shall sum the most recent twelve (12) months of VOC emissions calculated in Condition C. (above) by the 10th day following the end of the calendar month.
- E. The owner or operator shall sum the most recent twelve (12) months of HAP emissions calculated in Condition C. (above) by the 10th day following the end of the calendar month.
- F. If, at any time, the monthly recordkeeping demonstrates the VOC and/or HAP emissions exceed 80% of their respective emissions limit, the owner or operator shall maintain daily records for this parameter. The owner or operator may use the monthly averages for the previous days not calculated on a daily basis. Daily calculations for VOC and/or HAP shall continue until the 12-month rolling totals drop below 80% of the associated operating and emission limit on the last day of the month. Note, the 80% threshold for VOC shall be 196 tons per 12-month rolling total and the 80% threshold for any individual HAP shall be 7.52 tons per 12-month rolling period.
- G. The owner or operator shall submit reports that identify all exceedances of the 12-month rolling emission limit. The report shall be submitted no later than 30 days from the end of the month in which the exceedance occurred.

Emission Limits

Unless specified otherwise in the Source Specific Conditions, the following limitations and supporting regulations apply to all emission points at this plant.

<u>Opacity (visible emissions):</u>	40% opacity
Authority for Requirement:	567 IAC 23.3(2)"d"
<u>Opacity (visible emissions):</u>	20% opacity (permits issued prior to May 30, 2026)
Authority for Requirement:	LCCO Sec. 10-60(a)
<u>Opacity (visible emissions):</u>	40% opacity (permits issued on or after May 30, 2026)
Authority for Requirement:	LCCO Sec. 10-60(a)
<u>Sulfur Dioxide (SO₂):</u>	500 parts per million by volume (ppmv)
Authority for Requirement:	567 IAC 23.3(3)"e" LCCO Sec. 10-65(a)(2)

Particulate Matter:

No person shall cause or allow the emission of particulate matter from any source in excess of the emission standards specified in this chapter, except as provided in 567 – Chapter 24. For sources constructed, modified or reconstructed after July 21, 1999, the emission of particulate matter from any process shall not exceed an emission standard of 0.1 grain per dry standard cubic foot (dscf) of exhaust gas, except as provided in 567—21.2(455B), 567—23.1(455B), 567—23.4(455B) and 567—Chapter 24.

For sources constructed, modified or reconstructed prior to July 21, 1999, the emission of particulate matter from any process shall not exceed the amount determined from Table I, or amount specified in a permit if based on an emission standard of 0.1 grain per standard cubic foot of exhaust gas, or established from standards provided in 567—23.1(455B) and 567—23.4(455B).

Authority for Requirement: 567 IAC 23.3(2)"a"

Particulate Matter:

No person shall permit, cause, suffer or allow the emission of particulate matter into the atmosphere in any one hour from any emission point from any process equipment at a rate in excess of that specified in Table 10-62-1 for the process weight rate allocated to such emission point. In any case, the emission of particulate matter from any process shall not exceed an emission standard of 0.1 grain per dry standard cubic foot of exhaust gas or Table 10-62-1 of [LCCO Sec. 10-62(a)], whichever would result in the lowest allowable emission rate.

Authority for Requirement: LCCO Sec. 10-62(a)

Fugitive Dust:

Attainment and Unclassified Areas - A person shall take reasonable precautions to prevent particulate matter from becoming airborne in quantities sufficient to cause a nuisance as defined in Iowa Code section 657.1 when the person allows, causes or permits any materials to be handled, transported or stored or a building, its appurtenances or a construction haul road to be used, constructed, altered, repaired or demolished, with the exception of farming operations or dust generated by ordinary travel on unpaved roads. Ordinary travel includes routine traffic and road maintenance activities such as scarifying, compacting, transporting road maintenance surfacing material, and scraping of the unpaved public road surface. (The preceding sentence is State only.) All persons, with the above exceptions, shall take reasonable precautions to prevent the discharge of visible emissions of fugitive dusts beyond the lot line of the property on which the emissions originate. The public highway authority shall be responsible for taking corrective action in those cases where said authority has received complaints of or has actual knowledge of dust conditions which require abatement pursuant to this subrule. Reasonable precautions may include, but not be limited to, the following procedures.

1. Use, where practical, of water or chemicals for control of dusts in the demolition of existing buildings or structures, construction operations, the grading of roads or the clearing of land.
2. Application of suitable materials, such as but not limited to asphalt, oil, water or chemicals on unpaved roads, material stockpiles, racetracks and other surfaces which can give rise to airborne dusts.
3. Installation and use of containment or control equipment, to enclose or otherwise limit the emissions resulting from the handling and transfer of dusty materials, such as but not limited to grain, fertilizer or limestone.
4. Covering, at all times when in motion, open-bodied vehicles transporting materials likely to give rise to airborne dusts.
5. Prompt removal of earth or other material from paved streets or to which earth or other material has been transported by trucking or earth-moving equipment, erosion by water or other means.
6. Reducing the speed of vehicles traveling over on-property surfaces as necessary to minimize the generation of airborne dusts.

Authority for Requirement: 567 IAC 23.3(2)"c"
LCCO Sec. 10-66

Regulatory Authority

This facility is located in Linn County, Iowa. Linn County Public Health, under agreement with the Iowa Department of Natural Resources (IDNR), is the primary regulatory agency in Linn County. This Title V permit is issued by the Iowa Department of Natural Resources, however, required contacts and information submittals referred to in this permit as required by "the Department" should continue to be directed to the Linn County Public Health office. This will include such items as stack test notification, stack test results submittal, oral and written excess emission reports, and reports and records required in the Linn County construction permits. Information specifically required by the Title V permit such as the annual EIQ and fees, annual compliance certification, semi-annual monitoring report and any Title V forms submitted for updates, modifications, renewals, etc. must be submitted to the Iowa DNR. Stack test notifications and test results for tests required as periodic monitoring in the Title V permit shall be submitted to Linn County Public Health. Stack test protocols and test results conducted as required by a PSD permit shall be submitted to the IDNR and Linn County Public Health Air Quality Division.

Authority for Requirement: 567 IAC 24.108

III. Emission Point-Specific Conditions

Facility Name: Diamond V Mills, LLC

Permit Number: **XX-TV-000**

Emission Point ID Number: 201A, 201B, 202A, 202B, 202C, 202D, 202E, 202F, 202G, 202H, 203A, 203B, 203C, 203D, 204A, 204B, 204C, 204D, 204E, 204E2, 204E3, 204E4, 204E5, 204E6, 204E7, 204E8, 204E9, 204E10, 204E11, 204E12, 204G, 204G2, 204G3, 204G4, 204G5, 204G6, 204G7, 204G8, 204H, 204H1, 204H2, 204H3, 204H4, 204H5, 204H6, 204H7, 204H8, 204H9, 204H10, 204H11, 204H12, 204I, 204J, 204K, 205A, 205B, 205C, 205D, 205E, 205F, 205G, 205G1, 205H, 205H1, 205I, 205J, 205K, 205K1, 205L, 205N, 205O, 205P, 206A, 206B, 206C, 206D, 206G, 206H, 206I, 206J, 206K, 206L, 206P, 209A, 209B, 209C, 209D, 209E, 209F, 209F2, 209G, 209G1, 209G2, 209H, 209H1, 209H2, 209I, 211A, 211B, 211C, 211D, 212A, 215A, 216A, 218A, 218B, 218C, 218D, 218E, 218F, 221A

Table 4. Associated Equipment (Indoor Vented Sources)

EP	EU	EU Description	Raw Material	Rated Capacity	CE ID	CE Description
201A	201A-EU1	Receiving Pit 1 Drag Conveyor	Grain	75 tph	--	--
201B	201B-EU1	Receiving Pit 2 Drag Conveyor	Grain	75 tph	--	--
202A	202A-EU1	Grain Transfer to Day Bin 1	Grain	75 tph	202A-CE1	Bin Vent Filter
202B	202B-EU1	Grain Transfer to Day Bin 2	Grain	75 tph	202B-CE1	Bin Vent Filter
202C	202C-EU1	Grain Transfer to Day Bin 3	Grain	75 tph	202C-CE1	Bin Vent Filter
202D	202D-EU1	Grain Transfer to Day Bin 4	Grain	75 tph	202D-CE1	Bin Vent Filter
202E	202E-EU1	Grain Transfer to Day Bin 5	Grain	75 tph	202E-CE1	Bin Vent Filter
202F	202F-EU1	Grain Transfer to Day Bin 6	Grain	75 tph	202F-CE1	Bin Vent Filter
202G	202G-EU1	Grain Transfer to Day Bin 7	Grain	75 tph	202G-CE1	Bin Vent Filter
202H	202H-EU1	Grain Transfer to Day Bin 8	Grain	75 tph	202H-CE1	Bin Vent Filter
203A	203A-EU1	Pneumatic Grain Transfer	Grain	30 tph	203A-CE1	Cyclone
					203A-CE2	Cyclone
					203A-CE3	Baghouse
					203A-CE4	Cyclone
203B	203B-EU1	Hammermill 2	Grain	50 tph	203B-CE1	Cartridge Filters
203C	203C-EU1	Hammermill 3	Grain	50 tph	203C-CE1	Baghouse
203D	203D-EU1	Tunnel Hammermill 155	Grain	25 tph	203D-CE1	Baghouse
204A	204A-EU1	Batching Bins 1-16	Grain	30 tph	204A-CE1	Bin Vent Filter
204B	204B-EU1	Batching Bins 17-32	Grain	30 tph	204B-CE1	Bin Vent Filter
204C	204C-EU1	Batching Bins 33-48	Grain	30 tph	204C-CE1	Bin Vent Filter
204D	204D-EU1	Batching Bins 49-64	Grain	30 tph	204D-CE1	Bin Vent Filter
204E	204E-EU1	Batching Bins BB101	Grain	50 tph ¹	204E-CE1	Bin Vent Filter
204E2	204E2-EU1	Batching Bin BB102	Grain	50 tph ¹	204E2-CE1	Bin Vent Filter
204E3	204E3-EU1	Batching Bin BB103	Grain	50 tph ¹	204E3-CE1	Bin Vent Filter
204E4	204E4-EU1	Batching Bin BB104	Grain	50 tph ¹	204E4-CE1	Bin Vent Filter

EP	EU	EU Description	Raw Material	Rated Capacity	CE ID	CE Description
204E5	204E5-EU1	Batching Bin BB105	Grain	50 tph ¹	204E5-CE1	Bin Vent Filter
204E6	204E6-EU1	Batching Bin BB106	Grain	50 tph ¹	204E6-CE1	Bin Vent Filter
204E7	204E7-EU1	Batching Bin BB107	Grain	50 tph ¹	204E7-CE1	Bin Vent Filter
204E8	204E8-EU1	Batching Bin BB108	Grain	50 tph ¹	204E8-CE1	Bin Vent Filter
204E9	204E9-EU1	Batching Bin BB109	Grain	50 tph ¹	204E9-CE1	Bin Vent Filter
204E10	204E10-EU1	Batching Bin BB110	Grain	50 tph ¹	204E10-CE1	Bin Vent Filter
204E11	204E11-EU1	Batching Bin BB111	Grain	50 tph ¹	204E11-CE1	Bin Vent Filter
204E12	204E12-EU1	Batching Bin BB112	Grain	50 tph ¹	204E12-CE1	Bin Vent Filter
204G	204G-EU1	Batching Bins BB113	Grain	50 tph ¹	204G-CE1	Bin Vent Filter
204G2	204G2-EU1	Batching Bin BB114	Grain	50 tph ¹	204G2-CE1	Bin Vent Filter
204G3	204G3-EU1	Batching Bin BB115	Grain	50 tph ¹	204G3-CE1	Bin Vent Filter
204G4	204G4-EU1	Batching Bin BB116	Grain	50 tph ¹	204G4-CE1	Bin Vent Filter
204G5	204G5-EU1	Batching Bin BB117	Grain	50 tph ¹	204G5-CE1	Bin Vent Filter
204G6	204G6-EU1	Batching Bin BB118	Grain	50 tph ¹	204G6-CE1	Bin Vent Filter
204G7	204G7-EU1	Batching Bin BB119	Grain	50 tph ¹	20G7-CE1	Bin Vent Filter
204G8	204G8-EU1	Batching Bin BB120	Grain	50 tph ¹	204G8-CE1	Bin Vent Filter
204H	204H-EU1	Day Bin DB101	Grain	6 tph	204H-CE1	Bin Vent Filter
204H1	204H1-EU1	Batching Bin BB121	Grain	50 tph	204H1-CE1	Bin Vent Filter
204H2	204H2-EU1	Batching Bin BB122	Grain	50 tph	204H2-CE1	Bin Vent Filter
204H3	204H3-EU1	Batching Bin BB123	Grain	50 tph	204H3-CE1	Bin Vent Filter
204H4	204H4-EU1	Batching Bin BB124	Grain	50 tph	204H4-CE1	Bin Vent Filter
204H5	204H5-EU1	Batching Bin BB125	Grain	50 tph	204H5-CE1	Bin Vent Filter
204H6	204H6-EU1	Batching Bin BB126	Grain	50 tph	204H6-CE1	Bin Vent Filter
204H7	204H7-EU1	Batching Bin BB127	Grain	50 tph	204H7-CE1	Bin Vent Filter
204H8	204H8-EU1	Batching Bin BB128	Grain	50 tph	204H8-CE1	Bin Vent Filter
204H9	204H9-EU1	Batching Bin BB129	Grain	50 tph	204H9-CE1	Bin Vent Filter
204H10	204H10-EU1	Batching Bin BB130	Grain	50 tph	204H10-CE1	Bin Vent Filter
204H11	204H11-EU1	Batching Bin BB131	Grain	50 tph	204H11-CE1	Bin Vent Filter
204H12	204H12-EU1	Batching Bin BB132	Grain	50 tph	204H12-CE1	Bin Vent Filter
204I	204I-EU1	Day Bin DB102	Grain	6 tph	204I-CE1	Bin Vent Filter
204J	204J-EU1	Day Bin DB103	Grain	10.8 tph	204J-CE1	Bin Vent Filter
204K	204K-EU1	Day Bin DB104	Grain	10.8 tph	204K-CE1	Bin Vent Filter
205A	205A-EU1	Weigh Hopper 1	Grain	5.6 tph ²	205A-CE1	Bin Vent Filter
205B	205B-EU1	Weigh Hopper 2	Grain		205B-CE1	Bin Vent Filter
205C	205C-EU1	Weigh Hopper 3	Grain		205C-CE1	Bin Vent Filter
205D	205D-EU1	Weigh Hopper 4	Grain		205D-CE1	Bin Vent Filter
205E	205E-EU1	Weigh Hopper 5	Grain	5.6 tph ³	205E-CE1	Bin Vent Filter
205F	205F-EU1	Weigh Hopper 6	Grain	5.6 tph ³	205F-CE1	Bin Vent Filter
205G	205G-EU1	Weigh Hopper 7	Grain	11.2 tph ⁴	205G-CE1	Filter Sock
205G1	205G1-EU1	Screw Conveyor 7	Grain		205G1-CE1	Filter Sock
205H	205H-EU1	Weigh Hopper 8	Grain		205H-CE1	Filter Sock
205H1	205H1-EU1	Weigh Hopper 9	Grain	5.6 tph	205H1-CE1	Bin Vent Filter
205I	205I-EU1	Batching Bin WH101	Grain	7 tph	205I-CE1	Bin Vent Filter
205J	205J-EU1	Batching Bin WH102	Grain	7 tph	205J-CE1	Bin Vent Filter
205K	205K-EU1	Weigh Hopper 103	Grain	5.6 tph	205K-CE1	Bin Vent Filter
205K1	205K1-EU1	Weigh Hopper 104	Grain	5.6 tph	205K1-CE1	Bin Vent Filter
205L	205L-EU1	Tunnel Weigh Hopper 105	Grain	25 tph	205L-CE1	Bin Vent Filter
205N	205N-EU1	Weigh Hopper 107	Grain	10 tph	205N-CE1	Bin Vent Filter

EP	EU	EU Description	Raw Material	Rated Capacity	CE ID	CE Description
205O	205O-EU1	Weigh Hopper 108	Grain	10 tph	205O-CE1	Bin Vent Filter
205P	205P-EU1	Weigh Hopper 109	Grain	20 tph	205P-CE1	Bin Vent Filter
206A	206A-EU1	Surge Hopper 1	Grain	5.6 tph ²	206A-CE1	Bin Vent Filter
206B	206B-EU1	Surge Hopper 2	Grain		206B-CE1	Bin Vent Filter
206C	206C-EU1	Surge Hopper 3	Grain		206C-CE1	Bin Vent Filter
206D	206D-EU1	Surge Hopper 4	Grain		206D-CE1	Bin Vent Filter
206G	206G-EU1	Surge Hopper 7	Grain	5.6 tph	206G-CE1	Bin Vent Filter
206H	206H-EU1	Surge Hopper 8	Grain	5.6 tph	206H-CE1	Bin Vent Filter
206I	206I-EU1	Surge Hopper SH-102	Grain	5.6 tph	206I-CE1	Bin Vent Filter
206J	206J-EU1	Surge Hopper SH-103	Grain	5.6 tph	206J-CE1	Bin Vent Filter
206K	206K-EU1	Surge Hopper SH-104	Grain	7 tph	206K-CE1	Bin Vent Filter
206L	206L-EU1	Surge Hopper SH-105	Grain	25 tph	206L-CE1	Bin Vent Filter
206P	206P-EU1	Surge Hopper SH-109	Grain	20 tph	206P-CE1	Bin Vent Filter
209A	209A-EU1	Packaging Line 1	Grain	5.6 tph	209A-CE1	Baghouse
209B	209B-EU1	Packaging Line 2	Grain	5.6 tph	209B-CE1	Baghouse
209C	209C-EU1	Bulk Bag Filling Station Weigh	Grain	5.6 tph	209C-EU1	Bin Vent Filter
209D	209D-EU1	Packaging Line 3	Grain	8 tph	209D-CE1	Baghouse
209E	209E-EU1	Bulk Bag Filling Station Weigh	Grain	8 tph	209E-CE1	Bin Vent Filter
209F	209F-EU1	Packaging Line 4	Grain	1.5 tph – 3.7 tph ⁵	209F-CE1	Baghouse
209F2					209F-CE2	Bin Vent Filter
209G	209G-EU1	Packaging Line 101	Grain	16.5 tph	209G-CE1	Baghouse
209G1	209G1-EU1	Packaging Bin 101	Grain	25 tph	209G1-CE1	Bin Vent Filter
209G2	209G2-EU1	Packaging Line 101 Weigh Hopper	Grain	12 tph	209G2-CE1	Bin Vent Filter
209H	209H-EU1	Packaging Line PL102	Grain	12 tph	209H-CE1	Baghouse
209H1	209H1-EU1	Packaging Bin PB102	Grain	20 tph	209H1-CE1	Bin Vent Filter
209H2	209H2-EU1	Packaging Line 102	Grain	12 tph	209H2-CE1	Bin Vent Filter
209I	209I-EU1	Bulk Bag Filling Station SH105	Grain	5.6 tph	209I-CE1	Bin Vent Filter
211A	211A-EU1	Tunnel Bin 101	Grain	10.8 tph	211A-CE1	Bin Vent Filter
211B	211B-EU1	Tunnel Bin 102	Grain	10.8 tph	211B-CE1	Bin Vent Filter
211C	211C-EU1	Tunnel Bin TB103	Grain	10.8 tph	211C-CE1	Bin Vent Filter
211D	211D-EU1	Tunnel Bin TB104	Grain	10.8 tph	211D-CE1	Bin Vent Filter
212A	212A-EU1	Bulk Loadout Conveyor	Grain	80 tph	212A-CE1	Dust Suppression Hopper
215A	215A-EU1	SD Weigh Hopper 1	Grain	1 tph	215A-CE1	Bin Vent Filter
216A	216A-EU1	Calcium Carbonate Pneumatic Transfer System	Grain	1 tph	216A-CE1	Baghouse
218A	218A-EU1	Blending Tunnel Bin BTB101	Grain	50 tph	218A-CE1	Bin Vent Filter
218B	218B-EU1	Blending Tunnel Bin BTB102	Grain	50 tph	218B-CE1	Bin Vent Filter
218C	218C-EU1	Blending Tunnel Bin BTB103	Grain	50 tph	218C-CE1	Bin Vent Filter
218D	218D-EU1	Blending Tunnel Bin BTB104	Grain	50 tph	218D-CE1	Bin Vent Filter
218E	218E-EU1	Blending Tunnel Bin BTB105	Grain	50 tph	218E-CE1	Bin Vent Filter
218F	218F-EU1	Blending Tunnel Bin BTB106	Grain	50 tph	218F-CE1	Bin Vent Filter
221A	221A-EU1	Bag Break Station BBS-4960	Grain	6 tph	221A-CE1	Bin Vent Filter

¹ Each batching bin (BB101-BB120) is rated for 50 tons per hour (tph); however, only one can be filled at a time between BB101-BB120 and BB113-BB120.

² Total combined throughput of all four weigh / surge hoppers.

³ Each hopper can move 5.6 tph individually or 5.6 tph total from both weigh hoppers. One batch will not exceed 5.6 tph.

⁴ Total combined throughput for weigh hoppers 7 and 8.

⁵ Rate dependent upon product type.

Applicable Requirements

Table 5. General Emission Limits

The emissions from each emission point shall not exceed the levels specified below.

EP	Pollutant	Emission Limit(s)	Authority for Requirement	Authority for Requirement LCPH ATI / PTO
All ¹	PM	0.1 gr/dscf	LCO Sec. 10-62(a)(6)	See Footnote 2
	Opacity	No VE	LCO 10-58(c)(3)	
Special	PM	See Footnote 3		See Footnote 2
	PM ₁₀	See Footnote 3		See Footnote 2

¹ The emission limit does not apply to fugitive emission units 201A-EU1, 201B-EU1, and 212A-EU1.

² 7125 / 6855; 7126 / 6856; 7127 / 6857; 7128 / 6858; 7129 / 6859; 7130 / 6860; 7131 / 6861; 7132 / 6862; 7133 / 6863; 7134 / 6864; 7170 / 7091; 7171 / 7092; 7135 / 6865; 7136 / 6866; 7137 / 6867; 7138 / 6868; 7311 / 7068; 7465 / 7231; 7466 / 7232; 7467 / 7233; 7468 / 7234; 7469 / 7235; 7470 / 7236; 7471 / 7237; 7472 / 7238; 7473 / 7239; 7474 / 7240; 7475 / 7241; 7312 / 7094; 7476 / 7242; 7477 / 7243; 7478 / 7244; 7479 / 7245; 7480 / 7246; 7481 / 7247; 7482 / 7248; 7276 / 7069; 7505 / 7327; 7506 / 7328; 7507 / 7329; 7508 / 7330; 7509 / 7331; 7510 / 7332; 7511 / 7333; 7512 / 7334; 7513 / 7335; 7514 / 7336; 7515 / 7337; 7516 / 7338; 7277 / 7070; 7837 / 7607; 7838 / 7608; 7139 / 6869; 7140 / 6870; 7141 / 6871; 7142 / 6872; 7143 / 6873; 7144 / 6874; 7145 / 6875; 7146 / 6876; 7147 / 6877; 7759 / 7474; 7839 / 7609; 7840 / 7610; 7174 / 7095; 7244 / 7104; 7175 / 7096; 7279 / 7072; 7280 / 7073; 7281 / 7074; 7148 / 6878; 7149 / 6879; 7150 / 6880; 7151 / 6881; 7152 / 6882; 7153 / 6883; 7700 / 7422; 7701 / 7423; 7841 / 7611; 7176 / 7097; 7282 / 7075; 7154 / 6884; 7155 / 6885; 7156 / 6886; 7157 / 6887; 7158 / 6888; 7159 / 6889; 7160 / 6890; 7180 / 7062; 7181 / 7063; 7400 / 7105; 7284 / 7064; 7285 / 7065; 7401 / 7106; 7182 / 7101; 7845 / 7615; 7846 / 7616; 7847 / 7617; 7848 / 7618; 7161 / 6891; 7162 / 6892; 7485 / 7249; 7581 / 7371; 7291 / 7082; 7292 / 7083; 7293 / 7084; 7294 / 7085; 7295 / 7086; 7573 / 7348

³ The potential emissions are inherently limited applying emission factors from WebFIRE (using SCCs 30200503 or 30200540) and applying 99% control efficiency for PM and PM₁₀ for the associated control equipment of each emission point listed in Table 3 of this permit. Likewise, the potential emissions are inherently limited applying emission factors from WebFIRE (using SCC 30200803) for fugitive emission units 201A-EU1, 201B-EU1, and 212A-EU1.

Table 6. Emission Point Specific Emission Limits

The emissions from these emission points shall not exceed the levels specified below.

EP	Pollutant	Emission Limit(s)	Authority for Requirement LCPH ATI / PTO
203A	PM/PM ₁₀	0.5 lb/hr	7133 / 6863
203B	PM/PM ₁₀	0.6 lb/hr	7134 / 6864
203C	PM/PM ₁₀	0.27 lb/hr	7170 / 7091
203D	PM/PM ₁₀	0.17 lb/hr	7171 / 7092
209A	PM/PM ₁₀	0.06 lb/hr	7154 / 6884
209B	PM/PM ₁₀	0.06 lb/hr	7155 / 6885
209D	PM/PM ₁₀	0.06 lb/hr	7157 / 6887
209F	PM/PM ₁₀	0.1 lb/hr	7159 / 6889
209G	PM/PM ₁₀	0.09 lb/hr	7180 / 7062
209H	PM/PM ₁₀	0.06 lb/hr	7284 / 7064
216A	PM/PM ₁₀	0.03 lb/hr	7485 / 7249

Operating Limits and Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Operating Requirements and Associated Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Department. Records shall be legible and maintained in an orderly manner. The operating requirements and associated recordkeeping for this permit shall be:

- A. The control equipment shall be maintained according to the manufacturer's specifications and good operating practices. The owner or operator shall maintain a record of all maintenance completed on the control equipment.
- B. The differential pressure across each of the dust collectors listed in Table 4 will be maintained in the stated range while material is actively being transferred. A differential pressure outside of this range would not be considered a deviation if visible emissions are not present when the indicator is out of range and corrective actions are initiated as soon as possible but no longer than eight (8) hours from observation of the abnormal condition. This operating limit does not include periods of startup, shutdown, or cleaning of the control equipment.
 - (1) The owner or operator shall monitor and record the differential pressure across these dust collectors on a weekly basis.

Table 7 - Fugitive Emission Points which Vent Inside a Building

CE ID	ΔP (in. w.c.)	CE ID	ΔP (in. w.c.)
203A-CE3	0.1" and 8.0"	209B-CE1	0.1" and 8.0"
203B-CE1	0.1" and 8.0"	209D-CE1	0.1" and 8.0"
203C-CE1	0.1" and 10.0"	209F-CE1	0.1" and 8.0"
203D-CE1	0.1" and 9.0"	209G-CE1	0.1" and 9.0"
203E-CE1	0.1" and 9.0"	209H-CE1	0.1" and 9.0"
209A-CE1	0.1" and 8.0"		

Authority for Requirement (LCPH ATI / PTO):

7125 / 6855; 7126 / 6856; 7127 / 6857; 7128 / 6858; 7129 / 6859; 7130 / 6860; 7131 / 6861; 7132 / 6862; 7133 / 6863; 7134 / 6864; 7170 / 7091; 7171 / 7092; 7135 / 6865; 7136 / 6866; 7137 / 6867; 7138 / 6868; 7311 / 7068; 7465 / 7231; 7466 / 7232; 7467 / 7233; 7468 / 7234; 7469 / 7235; 7470 / 7236; 7471 / 7237; 7472 / 7238; 7473 / 7239; 7474 / 7240; 7475 / 7241; 7312 / 7094; 7476 / 7242; 7477 / 7243; 7478 / 7244; 7479 / 7245; 7480 / 7246; 7481 / 7247; 7482 / 7248; 7276 / 7069; 7505 / 7327; 7506 / 7328; 7507 / 7329; 7508 / 7330; 7509 / 7331; 7510 / 7332; 7511 / 7333; 7512 / 7334; 7513 / 7335; 7514 / 7336; 7515 / 7337; 7516 / 7338; 7277 / 7070; 7837 / 7607; 7838 / 7608; 7139 / 6869; 7140 / 6870; 7141 / 6871; 7142 / 6872; 7143 / 6873; 7144 / 6874; 7145 / 6875; 7146 / 6876; 7147 / 6877; 7759 / 7474; 7839 / 7609; 7840 / 7610; 7174 / 7095; 7244 / 7104; 7175 / 7096; 7279 / 7072; 7280 / 7073; 7281 / 7074; 7148 / 6878; 7149 / 6879; 7150 / 6880; 7151 / 6881; 7152 / 6882; 7153 / 6883; 7700 / 7422; 7701 / 7423; 7841 / 7611; 7176 / 7097; 7282 / 7075; 7154 / 6884; 7155 / 6885; 7156 / 6886; 7157 / 6887; 7158 / 6888; 7159 / 6889; 7160 / 6890; 7180 / 7062; 7181 / 7063; 7400 / 7105; 7284 / 7064; 7285 / 7065; 7401 / 7106; 7182 / 7101; 7845 / 7615; 7846 / 7616; 7847 / 7617; 7848 / 7618; 7161 / 6891; 7162 / 6892; 7485 / 7249; 7581 / 7371; 7291 / 7082; 7292 / 7083; 7293 / 7084; 7294 / 7085; 7295 / 7086; 7573 / 7348

Emission Point Characteristics

The emission points shall conform to the specifications listed below.

Table 8 - Emission Points with Passive Displacement Exhaust Flowrate, Ambient Exhaust Temperature, and Vent Inside a Building

EP ID	EP ID	EP ID	EP ID	EP ID	EP ID	EP ID	EP ID	EP ID
202A	202D	202G	204B	204E	204E4	204E7	204E10	204G
202B	202E	202H	204C	204E2	204E5	204E8	204E11	204G2
202C	202F	204A	204D	204E3	204E6	204E9	204E12	204G3

EP ID	EP ID	EP ID	EP ID	EP ID	EP ID	EP ID	EP ID	EP ID
204G4	204H3	204H11	205D	205K	206C	206P	209H1	216A
204G5	204H4	204H12	205E	205K1	206D	206Q	209H2	218A
204G6	204H5	204I	205G	205L	206G	206R	209I	218B
204G7	204H6	204J	205G1	205N	206H	209C	211A	218C
204G8	204H7	204K	205H	205O	206I	209E	211B	218D
204H	204H8	205A	205H1	205P	206J	209F2	211C	218E
204H1	204H9	205B	205I	206A	206K	209G1	211D	221A
204H2	204H10	205C	205J	206B	206L	209G2	215A	

Table 9 - Emission Points with Active Displacement Exhaust Flowrate, Ambient Exhaust Temperature, and Vent Inside a Building

EP ID	Exhaust Flowrate (scfm)	EP ID	Exhaust Flowrate (scfm)	EP ID	Exhaust Flowrate (scfm)
203A	2,850	209A	1,500	209G	2,000
203B	6,740	209B	1,500	209H	1,500
203C	6,240 acfm	209D	1,500	216A	740
203D	4,000 acfm	209F	2,400		

Table 10 – Fugitive Emission Points that Vent Inside a Building

EP ID
201A
201B
212A

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point characteristics above are different than the values stated, the owner or operator shall submit a request either by electronic mail or written correspondence to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Authority for Requirement (LCPH ATI / PTO):

7125 / 6855; 7126 / 6856; 7127 / 6857; 7128 / 6858; 7129 / 6859; 7130 / 6860; 7131 / 6861; 7132 / 6862; 7133 / 6863; 7134 / 6864; 7170 / 7091; 7171 / 7092; 7135 / 6865; 7136 / 6866; 7137 / 6867; 7138 / 6868; 7311 / 7068; 7465 / 7231; 7466 / 7232; 7467 / 7233; 7468 / 7234; 7469 / 7235; 7470 / 7236; 7471 / 7237; 7472 / 7238; 7473 / 7239; 7474 / 7240; 7475 / 7241; 7312 / 7094; 7476 / 7242; 7477 / 7243; 7478 / 7244; 7479 / 7245; 7480 / 7246; 7481 / 7247; 7482 / 7248; 7276 / 7069; 7505 / 7327; 7506 / 7328; 7507 / 7329; 7508 / 7330; 7509 / 7331; 7510 / 7332; 7511 / 7333; 7512 / 7334; 7513 / 7335; 7514 / 7336; 7515 / 7337; 7516 / 7338; 7277 / 7070; 7837 / 7607; 7838 / 7608; 7139 / 6869; 7140 / 6870; 7141 / 6871; 7142 / 6872; 7143 / 6873; 7144 / 6874; 7145 / 6875; 7146 / 6876; 7147 / 6877; 7759 / 7474; 7839 / 7609; 7840 / 7610; 7174 / 7095; 7244 / 7104; 7175 / 7096; 7279 / 7072; 7280 / 7073; 7281 / 7074; 7148 / 6878; 7149 / 6879; 7150 / 6880; 7151 / 6881; 7152 / 6882; 7153 / 6883; 7700 / 7422; 7701 / 7423; 7841 / 7611; 7176 / 7097; 7282 / 7075; 7154 / 6884; 7155 / 6885; 7156 / 6886; 7157 / 6887; 7158 / 6888; 7159 / 6889; 7160 / 6890; 7180 / 7062; 7181 / 7063; 7400 / 7105; 7284 / 7064; 7285 / 7065; 7401 / 7106; 7182 / 7101; 7845 / 7615; 7846 / 7616; 7847 / 7617; 7848 / 7618; 7161 / 6891; 7162 / 6892; 7485 / 7249; 7581 / 7371; 7291 / 7082; 7292 / 7083; 7293 / 7084; 7294 / 7085; 7295 / 7086; 7573 / 7348

Monitoring Requirements

The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack Testing

See Appendix C, Stack Testing Summary

Authority for Requirement: 567 IAC 24.108(14)

Agency Approved Operations & Maintenance Plan Required?

Yes ☐

No ☒

Facility Maintained Operation & Maintenance Plan Required?

Yes ☐

No ☒

Compliance Assurance Monitoring (CAM) Plan Required?

Yes ☐

No ☒

Authority for Requirement: 567 IAC 24.108(3)

Emission Point ID Number: 201C**Table 11. Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CE ID	CE Description
201C	201C-EU1	Receiving Pit 101 Drag Conveyor	Grain	50 tph	201C-CE1	Baghouse

Applicable Requirements**Table 12. Emission Limits**

The emissions from this emission point shall not exceed the levels specified below.

EP	Pollutant	Emission Limit(s)	Authority for Requirement	Authority for Requirement LCPH ATI / PTO
201C	Opacity	20%	LCO Sec. 10-60(a)	7273 / 6066
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCO Sec. 10-62(a)(7)	
	PM/PM ₁₀	0.21 lb/hr		

Operating Limits and Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Operating Requirements with Associated Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Department. Records shall be legible and maintained in an orderly manner. The operating requirements and associated recordkeeping for this permit shall be:

- A. The control equipment shall be maintained according to the manufacturer's specifications and good operating practices. The owner or operator shall maintain a record of all maintenance completed on the control equipment.
- B. The differential pressure across the control equipment shall be maintained between 0.1" and 8.0" w.c. when material is actively being transferred. A differential pressure outside this range would not be considered a deviation if visible emissions are not present when the indicator is out of range and corrective actions are initiated as soon as possible but no longer than eight (8) hours from observation of the abnormal condition. This operating limit does not include periods of startup, shutdown, or cleaning of the control equipment. The owner or operator shall monitor and record the differential pressure across the dust collector on a weekly basis.
- C. The owner or operator shall monitor and record 'no visible emissions' observations on a weekly basis. An exceedance of 'no visible emissions' will require the owner/operator to promptly investigate the emission unit, make corrections to operations or equipment associated with the exceedance, and record the corrective action taken.

Authority for Requirement (LCPH ATI / PTO): 7273 / 7066

Emission Point Characteristics

Table 13. Stack Characteristics

The emission point shall conform to the specifications listed below.

EP	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Temp (°F)	Flowrate (acfm)	Authority for Requirement
201C	24	VR	14	Ambient	5,000	LCPH ATI 7273 / PTO 7066

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point characteristics above are different than the values stated, the owner or operator shall submit a request either by electronic mail or written correspondence to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Opacity Monitoring

See Appendix B, Opacity Monitoring Summary.

Authority for Requirement: 567 IAC 24.108(14)

Agency Approved Operations & Maintenance Plan Required?

Yes ☐ No ☒

Facility Maintained Operation & Maintenance Plan Required?

Yes ☐ No ☒

Compliance Assurance Monitoring (CAM) Plan Required?

Yes ☐ No ☒

Authority for Requirement: 567 IAC 24.108(3)

Table 14. Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CE ID	CE Description
203E	203E-EU1	Pneumatic Feed Transfer from Hammermill 155	Grain	25 tph	203E-CE1	Baghouse
203H	203H-EU1	Finished Product Pneumatic Transfer 2	Feed	20 tph	203H-CE1	Filter Receiver
208B1	208B1-EU1	BLDG 1 to BLDG 2 Pneumatic Transfer	Grain	6 tph	208B1-CE1	Filter Receiver
208J1	208J1-EU1	Pneumatic Transfer from Cooler 14	Feed	3.6 tph	208J1-CE1	Baghouse
208K1	208K1-EU1	Pneumatic Transfer from Cooler 15	Feed	3.6 tph	208K1-CE1	Baghouse
208L1	208L1-EU1	Pneumatic Transfer from Cooler 16	Feed	3.6 tph	208L1-CE1	Bin Vent Filter
214A	214A-EU1	SD Pneumatic Conveying	Feed	0.4 tph	214A-CE1	Baghouse

Applicable Requirements**Table 15. Emission Limits**

The emissions from each emission point shall not exceed the levels specified below.

EP	Pollutant	Emission Limit(s)	Authority for Requirement	Authority for Requirement LCPH ATI / PTO
203E 203H 208B1 208J1 208K1 208L1 214A	Opacity	40%	567 IAC 23.3(2)"d" LCO Sec. 10-60(a)	7172 / 7093-R2 7274 / 7067-R2 8540 / 7751 7262 / 7090-R2
208J1 208K1 208L1	PM	0.1 gr/dscf	567 IAC 23.3(2)"a"(1) LCO Sec. 10-62(a)(7)	
208J1 208K1 208L1	Opacity	No VE	LCO Sec. 10-58(c)(3)	
203E	PM/PM ₁₀	0.18 lb/hr		
203H	PM/PM ₁₀	0.17 lb/hr		
208B1	PM/PM ₁₀	0.06 lb/hr		
208J1	PM/PM ₁₀	0.04 lb/hr		
208K1	PM/PM ₁₀	0.04 lb/hr		7842 / 7612
208L1	PM/PM ₁₀	0.04 lb/hr		7843 / 7613
214A	PM/PM ₁₀	0.086 lb/hr		7844 / 7614
203E	PM/PM ₁₀	0.18 lb/hr		7172 / 7093-R2
203H	PM/PM ₁₀	0.17 lb/hr		7274 / 7067-R2
208B1	PM/PM ₁₀	0.06 lb/hr		8540 / 7751
208J1	PM/PM ₁₀	0.04 lb/hr		7842 / 7612
208K1	PM/PM ₁₀	0.04 lb/hr		7843 / 7613
208L1	PM/PM ₁₀	0.04 lb/hr		7844 / 7614
214A	PM/PM ₁₀	0.086 lb/hr		7262 / 7090-R2

Operating Limits and Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

See Plant-Wide Conditions, Facility VOC/HAP Bubble Limits section, for facility operating requirements with associated monitoring and recordkeeping that apply to these emission points. **(EP214A only)**

Operating Requirements and Associated Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Department. Records shall be legible and maintained in an orderly manner. The operating requirements and associated recordkeeping for this permit shall be:

- A. The control equipment shall be maintained according to the manufacturer's specifications and good operating practices. The owner or operator shall maintain a record of all maintenance completed on the control equipment.
- B. The differential pressure across each of the following dust collectors in Table 16 shall be maintained in the stated range when material is actively being transferred. A differential pressure outside this range would not be considered a deviation if visible emissions are not present when the indicator is out of range and corrective actions are initiated as soon as possible but no longer than eight (8) hours from observation of the abnormal condition. This operating limit does not include periods of startup, shutdown, or cleaning of the control equipment. The owner or operator shall monitor and record the differential pressure across these dust collectors on a weekly basis.

Table 16. Summary of Differential Pressure Ranges for Control Equipment

CE ID	ΔP (in. w.c.)
203E-CE1	0.1" and 9.0"
203H-CE1	0.1" and 9.0"
208B1-CE1	0.1" and 9.0"
208J1-CE1	0.1" and 9.0"
208K1-CE1	0.1" and 9.0"
208L1-CE1	0.1" and 9.0"
214A-CE1	0.1" and 8"

- C. The owner or operator shall monitor and record 'no visible emissions' observations on a weekly basis. An exceedance of 'no visible emissions' will require the owner/operator to promptly investigate the emission unit, make corrections to operations or equipment associated with the exceedance, and record the corrective action taken. This requirement applies only to EP's: 203E, 203H, 208B1, and 214A.

Authority for Requirement (LCPH ATI / PTO): 7172 / 7093-R2; 7274 / 7067-R2; 8540 / 7751; 7842 / 7612; 7843 / 7613; 7844 / 7614; 7262 / 7090-R2

Emission Point Characteristics

The emission points shall conform to the specifications listed below.

Table 17. Stack Characteristics

EP	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Temp (°F)	Flowrate (scfm)	Authority for Requirement LCPH ATI / PTO
203E	41	H	12	Ambient	4,212	7172 / 7093-R2
203H	25	H	12	Ambient	4,000	7274 / 7067-R2
208B1	120	H	8	Ambient	1,400	8540 / 7751
208J1		Vents Internally			922	7842 / 7612
208K1		Vents Internally			922	7843 / 7613
208L1		Vents Internally			922	7844 / 7614
214A	66	V	8	115 ¹	1,242 ¹	7262 / 7090-R2

¹ Value is the average result observed during the 11/30/2017 compliance test.

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point characteristics above are different than the values stated, the owner or operator shall submit a request either by electronic mail or written correspondence to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack Testing

See Appendix C, Stack Testing Summary

Authority for Requirement: 567 IAC 24.108(14)

Agency Approved Operations & Maintenance Plan Required?

Yes ☐

No ☒

Facility Maintained Operation & Maintenance Plan Required?

Yes ☐

No ☒

Compliance Assurance Monitoring (CAM) Plan Required?

Yes ☐

No ☒

Authority for Requirement: 567 IAC 24.108(3)

Emission Point ID Number: 207A, 207A1, 207A2, 207B, 207B1, 207B2, 207C, 207C1, 207C2, 207D, 207D1, 207D2, 207E, 207E2, 207F, 207F1, 207F2, 213A, 213A1

Table 18. Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CE ID	CE Description
207A	207A-EU1	Dryer 5 Products	LB	0.65 tph	207A-CE1 207A-CE3	Baghouse RTO
			YC	3.6 tph		
			CY1	3.3 tph		
			CY2	1.9 tph		
			CY3	1.2 tph		
	207A-EU2	Dryer 5 Burner	NG	0.005 MMcf/hr	207A-CE2 207A-CE3	Baghouse RTO
	207A-EU3	Dryer 6 Products	LB	0.65 tph		
			YC	3.6 tph		
			CY1	3.3 tph		
			CY2	1.9 tph		
			CY3	1.2 tph		
	207A-EU4	Dryer 6 Burner	NG	0.005 MMcf/hr	207A-CE3	RTO
	207A-EU5	Dryers 5/6 RTO Burner	NG	0.006 MMcf/hr		
207A1	207A-EU1	Dryer 5	Feed	Varies ¹	207A-CE1	Baghouse
	207A-EU2	Dryer 5 Burner	NG	0.005 MMcf/hr		
207A2	207A-EU3	Dryer 6	Feed	Varies ¹	207A-CE2	Baghouse
	207A-EU4	Dryer 6 Burner	NG	0.005 MMcf/hr		
207B	207B-EU1	Dryer 7 Products	LB	0.65 tph	207B-CE1 207B-CE3	Baghouse RTO
			YC	2.8 tph		
			CY1	3.3 tph		
			CY2	1.9 tph		
			CY3	1.2 tph		
	207B-EU2	Dryer 7 Burner	NG	0.005 MMcf/hr	207B-CE2 207B-CE3	Baghouse RTO
	207B-EU3	Dryer 8 Products	LB	0.65 tph		
			YC	2.8 tph		
			CY1	3.3 tph		
			CY2	1.9 tph		
			CY3	1.2 tph		
	207B-EU4	Dryer 8 Burner	NG	0.005 MMcf/hr	207B-CE3	RTO
	207B-EU5	Dryers 7/8 RTO Burner	NG	0.006 MMcf/hr		
207B1	207B-EU1	Dryer 7	Feed	Varies	207B-CE1	Baghouse
	207B-EU2	Dryer 7 Burner	NG	0.005 MMcf/hr		
207B2	207B-EU3	Dryer 8	Feed	Varies	207B-CE2	Baghouse
	207B-EU4	Dryer 8 Burner	NG	0.005 MMcf/hr		
207C	207C-EU1	Dryer 9 Products	LB	0.65 tph	207C-CE1 207C-CE3	Baghouse RTO
			YC	2.8 tph		
			CY1	3.3 tph		
			CY2	2.25 tph		
			CY3	1.2 tph		
	207C-EU2	Dryer 9 Burner	NG	0.005 MMcf/hr	207C-CE2 207C-CE3	Baghouse RTO
	207C-EU3	Dryer 10 Products	LB	0.65 tph		
			YC	2.8 tph		
			CY1	3.3 tph		
			CY2	2.25 tph		
			CY3	1.2 tph		
	207C-EU4	Dryer 10 Burner	NG	0.005 MMcf/hr	207C-CE3	RTO
	207C-EU5	Dryers 9/10 RTO Burner	NG	0.006 MMcf/hr		
207C1	207C-EU1	Dryer 9	Feed	Varies	207C-CE1	Baghouse
	207C-EU2	Dryer 9 Burner	NG	0.005 MMcf/hr		

EP	EU	EU Description	Raw Material	Rated Capacity	CE ID	CE Description
207C2	207C-EU3	Dryer 10	Feed	Varies	207C-CE2	Baghouse
	207C-EU4	Dryer 10 Burner	NG	0.005 MMcf/hr		
207D	207D-EU1	Dryer 11 Products	LB	0.65 tph	207D-CE1 207D-CE3	Baghouse RTO
			YC	2.8 tph		
			CY1	3.3 tph		
			CY2	1.9 tph		
			CY3	1.2 tph		
	207D-EU2	Dryer 11 Burner	NG	0.005 MMcf/hr		
	207D-EU3	Dryer 12 Products	LB	0.65 tph	207D-CE2 207D-CE3	Baghouse RTO
			YC	2.8 tph		
			CY1	3.3 tph		
			CY2	1.9 tph		
			CY3	1.2 tph		
	207D-EU4	Dryer 12 Burner	NG	0.005 MMcf/hr		
	207D-EU5	Dryers 11/12 RTO Burner	NG	0.006 MMcf/hr	207D-CE3	RTO
207D1	207D-EU1	Dryer 11	Feed	Vaies	207D-CE1	Baghouse
	207D-EU2	Dryer 11 Burner	NG	0.005 MMcf/hr		
207D2	207D-EU3	Dryer 12	Feed	Varies	207D-CE2	Baghouse
	207D-EU4	Dryer 12 Burner	NG	0.005 MMcf/hr		
207E	207E-EU3	Dryer 14 Productds	LB	0.65 tph	207E-CE2 207E-CE3	Baghouse RTO
			YC	3.6 tph		
			CY1	3.3 tph		
			CY2	2.25 tph		
			CY3	1.2 tph		
	207E-EU4	Dryer 14 Burner	NG	0.008 MMcf/hr		
207E2	207E-EU5	Dryer 14 RTO Burner	NG	0.075 MMcf/hr	207E-CE3	RTO
	207E-EU3	Dryer 14	Feed	Varies	207E-CE2	Baghouse
	207E-EU4	Dryer 14 Burner	NG	0.008 MMcf/hr		
207F	207F-EU1	Dryer 15 Products	LB	0.65 tph	207F-CE1 207F-CE3	Baghouse RTO
			YC	3.6 tph		
			CY1	3.3 tph		
			CY2	2.25 tph		
			CY3	1.2 tph		
	207F-EU2	Dryer 15 Burner	NG	0.008 MMcf/hr		
	207F-EU3	Dryer 16 Products	LB	0.65 tph	207F-CE2 207F-CE3	Baghouse RTO
			YC	3.6 tph		
			CY1	3.3 tph		
			CY2	2.25 tph		
			CY3	1.2 tph		
	207F-EU4	Dryer 16 Burner	NG	0.008 MMcf/hr		
207F1	207F-EU5	Dryers 15/16 RTO Burner	NG	0.075 MMcf/hr	207F-CE3	RTO
	207F-EU1	Dryer 15	Feed	Varies	207F-CE1	Baghouse
	207F-EU2	Dryer 15 Burner	NG	0.008 MMcf/hr		
207F2	207F-EU3	Dryer 16	Feed	Varies	207F-CE2	Baghouse
	207F-EU4	Dryer 16 Burner	NG	0.008 MMcf/hr		
213A	213A-EU1	Spray Dryer	Feed	0.48 tph	213A-CE4	Baghouse
	213A-EU2	Spray Dryer Burner	NG	0.01 MMcf/hr	213A-CE2	RTO
	213A-EU3	Spray Dryer RTO Burner	NG	0.0096 MMcf/hr	213A-CE2	RTO
213A1	213A-EU1	Spray Dryer	Feed	0.48 tph	213A-CE4	Baghouse
	213A-EU2	Spray Dryer Burner	NG	0.01 MMcf/hr		

¹ Rated capacity is dependent on which product is dried (e.g., LB, YC, CY1, CY2, and CY3).

Applicable Requirements

Table 19. Dryer Emission Limits

The emissions from each emission point shall not exceed the levels specified below.

EP	Pollutant	Emission Limit(s)	Authority for Requirement	Authority for Requirement LCPH ATI / PTO
207A 207B	Opacity	40%	567 IAC 23.3(2)"d" LCO Sec. 10-60(a)	7823-R2 / 7593-R1 7824-R2 / 7594-R1
207C 207D	PM	0.1 gr/dscf	567 IAC 23.3(2)"a"(1) LCO Sec. 10-62(a)(6)	7825-R2 / 7595-R1 7826-R2 / 7596-R1
207E 207F 213A	SO ₂	500 ppm _v ¹	567 IAC 23.3(3)"e" LCO Sec. 10-65(a)(2)	7827-R2 / 7597-R1 7828-R2 / 7598-R1 6783-R1 / 6827-R2
207A	PM/PM ₁₀	2.32 lb/hr		7823-R2 / 7593-R1
207B	PM/PM ₁₀	1.85 lb/hr		7824-R2 / 7594-R1
207C	PM/PM ₁₀	1.16 lb/hr		7825-R2 / 7595-R1
207D	PM/PM ₁₀	1.16 lb/hr		7826-R2 / 7596-R1
207E	PM/PM ₁₀	1.03 lb/hr		7827-R2 / 7597-R1
207F	PM/PM ₁₀	1.03 lb/hr		7828-R1 / 7598-R1
213A	PM/PM ₁₀	5.73 lb/hr		6783-R1 / 6827-R2

¹ The following emission units are inherently limited to combusting only natural gas: 207A-EU2, 207A-EU4, 207A-EU5, 207B-EU2, 207B-EU4, 207B-EU5, 207C-EU2, 207C-EU4, 207C-EU5, 207D-EU2, 207D-EU4, 207D-EU5, 207E-EU4, 207E-EU5, 207F-EU2, 207F-EU4, 207F-EU5, 213A-EU2, and 213A-EU3.

Table 20. Dryer Bypass Emission Limits

The emissions from each emission point shall not exceed the levels specified below.

EP	Pollutant	Emission Limit(s)	Authority for Requirement	Authority for Requirement LCPH ATI / PTO
207A1 207A2	Opacity	40%	567 IAC 23.3(2)"d" LCO Sec. 10-60(a)	7849 / 7619-R1 7850 / 7620-R1
207B1 207B2 207C1 207C2 207D1 207D2 207E2 207F1 207F2 213A1	PM	0.1 gr/dscf	567 IAC 23.3(2)"a"(1) LCO Sec. 10-62(a)(6)	7851 / 7621-R1 7852 / 7622-R1 7853 / 7623-R1 7854 / 7624-R1 7855 / 7625-R1 7856 / 7626-R1 7857 / 7627-R1 7858 / 7628-R1 7859 / 7629-R1 7239 / 6590-R1
207A1	PM/PM ₁₀	0.003 gr/dscf		7849 / 7619-R1
207A2	PM/PM ₁₀	0.003 gr/dscf		7850 / 7620-R1
207B1	PM/PM ₁₀	0.003 gr/dscf		7851 / 7621-R1
207B2	PM/PM ₁₀	0.003 gr/dscf		7852 / 7622-R1
207C1	PM/PM ₁₀	0.003 gr/dscf		7853 / 7623-R1
207C2	PM/PM ₁₀	0.003 gr/dscf		7854 / 7624-R1
207D1	PM/PM ₁₀	0.003 gr/dscf		7855 / 7625-R1
207D2	PM/PM ₁₀	0.003 gr/dscf		7856 / 7626-R1
207E2	PM/PM ₁₀	0.003 gr/dscf		7857 / 7627-R1
207F1	PM/PM ₁₀	0.003 gr/dscf		7858 / 7628-R1
207F2	PM/PM ₁₀	0.003 gr/dscf		7859 / 7629-R1
213A1	PM/PM ₁₀	0.003 gr/dscf		7239 / 6590-R1

Operating Limits and Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

See Plant-Wide Conditions, Facility VOC/HAP Bubble Limits section, for facility operating requirements with associated monitoring and recordkeeping that apply to these emission points.

Operating Requirements and Associated Recordkeeping (Dryers)

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Department. Records shall be legible and maintained in an orderly manner. The operating requirements and associated recordkeeping for this permit shall be:

- A. All control equipment included in Table 18 shall be maintained according to the manufacturer's specifications and good operating practices. The owner or operator shall record the date and description of all maintenance completed on the control equipment.
- B. A broken bag monitor shall be operated and maintained according to the manufacturer's specifications on each of the dust collectors in Table 21. The owner or operator shall record the date and description of all maintenance completed on the broken bag monitor for each dust collector.

Table 21 - Summary of Control Equipment Required to Operate Broken Bag Monitor

CE ID	CE ID	CE ID
207A-CE1	207C-CE1	207E-CE2
207A-CE2	207C-CE2	207F-CE1
207B-CE1	207D-CE1	207F-CE2
207B-CE2	207D-CE2	

- C. The differential pressure across each of the dust collectors shall be maintained within the range stated in Table 22 while material is actively being transferred. A differential pressure outside of this range would not be considered a deviation if visible emissions are not present when the indicator is out of range and corrective actions are initiated as soon as possible, but no later than eight (8) hours from observation of the abnormal condition. This operational limit does not include periods of startup, shutdown, or cleaning of the control equipment. The owner or operator shall monitor and record the differential pressure across the listed dust collectors on a weekly basis.

Table 22 - Summary of Differential Pressure Ranges for Control Equipment in this CAP

CE ID	ΔP	CE ID	ΔP
207A-CE1	0.1" and 8.0" w.c.	207D-CE1	0.1" and 8.0" w.c.
207A-CE2	0.1" and 8.0" w.c.	207D-CE2	0.1" and 8.0" w.c.
207B-CE1	0.1" and 8.0" w.c.	207E-CE2	0.1" and 9.0" w.c.
207B-CE2	0.1" and 8.0" w.c.	207F-CE1	0.1" and 8.0" w.c.
207C-CE1	0.1" and 8.0" w.c.	207F-CE2	0.1" and 8.0" w.c.
207C-CE2	0.1" and 8.0" w.c.	213A-CE4	0.1" and 20.0" w.c.

- D. The chamber temperature of each of the RTOs shall be maintained at or above the minimum temperature stated in Table 23. The owner or operator shall continuously monitor the 3-hour block average operating temperature of each RTO and record all 3-hour periods (during actual operations) when the average temperature of the RTO falls below the stated minimum temperature.

Table 23 - Summary of Compliant Chamber Temperature s for RTOs in this CAP

CE ID	Chamber Temperature (3-hour block average)	CE ID	Chamber Temperature (3-hour block average)
207A-CE3	≥ 1,510 °F	207E-CE3	≥ 1,475 °F
207B-CE3	≥ 1,510 °F	207F-CE3	≥ 1,475 °F
207C-CE3	≥ 1,510 °F	213A-CE2	≥ 1,510 °F
207D-CE3	≥ 1,510 °F		

- E. The owner or operator shall monitor and record 'no visible emissions' observations on a weekly basis. An exceedance of 'no visible emissions' will require the owner/operator to promptly investigate the emission unit, make corrections to operations or equipment associated with the exceedance, and record the corrective action taken.

Authority for Requirement (LCPH ATI / PTO): 7823-R2 / 7593-R1; 7824-R2 / 7594-R1; 7825-R2 / 7595-R1; 7826-R2 / 7596-R1; 7827-R2 / 7597-R1; 7828-R2 / 7598-R1; 6783-R1 / 6827-R2

Operating Requirements and Associated Recordkeeping (Dryer Bypass)

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Department. Records shall be legible and maintained in an orderly manner. The operating requirements and associated recordkeeping for this permit shall be:

- A. During startup, each Dryer included in Table 24 are limited to purging 50 hours per 12-month rolling period. Materials shall not be fed into the dryer during the purging process. For each dryer, the owner or operator shall record the duration of each startup purge event and calculate the monthly and 12-month rolling totals.

Table 24 – Summary of Dryers

EU ID	EU ID	EU ID	EU ID
207A-EU1	207B-EU3	207D-EU1	207F-EU1
207A-EU3	207C-EU1	207D-EU3	207F-EU3
207B-EU1	207C-EU3	207E-EU3	213A-EU1

Authority for Requirement (LCPH ATI / PTO): 7849 / 7619-R1; 7850 / 7620-R1; 7851 / 7621-R1; 7852 / 7622-R1; 7853 / 7623-R1; 7854 / 7624-R1; 7855 / 7625-R1; 7856 / 7626-R1; 7857 / 7627-R1; 7858 / 7628-R1; 7859 / 7629-R1; 7239 / 6590-R1

Emission Point Characteristics

The emission points shall conform to the specifications listed below

Table 25. Stack Characteristics

EP	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Temp (°F)	Flowrate (scfm)	Authority for Requirement (LCPH ATI / PTO)
207A	30	V	53 x 30	274	19,412	7823-R2 / 7593-R1
207A1	83.5	V	36	68	9,706	7849 / 7619-R1
207A2	83.5	V	36	68	9,706	7850 / 7620-R1
207B	30	V	53 x 30	274	19,412	7824-R2 / 7594-R1
207B1	83.5	V	36	68	9,706	7851 / 7621-R1
207B2	83.5	V	36	68	9,706	7852 / 7622-R1
207C	60	V	53 x 30	280	19,254	7825-R2 / 7595-R1
207C1	83.5	V	36	68	9,627	7853 / 7623-R1

EP	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Temp (°F)	Flowrate (scfm)	Authority for Requirement (LCPH ATI / PTO)
207C2	83.5	V	36	68	9,627	7854 / 7624-R1
207D	60	V	53 x 30	280	19,254	7826-R2 / 7596-R1
207D1	83.5	V	36	68	9,627	7855 / 7625-R1
207D2	83.5	V	36	68	9,627	7856 / 7626-R1
207E	30	V	36 x 78	250	40,000	7827-R2 / 7597-R1
207E2	83.5	V	36	68	20,000	7857 / 7627-R1
207F	30	V	36 x 78	350	40,000	7828-R2 / 7598-R1
207F1	83.5	V	36	68	20,000	7858 / 7628-R1
207F2	83.5	V	36	68	20,000	7859 / 7629-R1
213A	60	V	36 x 78	276	24,100	6783-R1 / 6827-R2
213A1	83.5	V	36	68	24,100	7239 / 6590-R1

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point characteristics above are different than the values stated, the owner or operator shall submit a request either by electronic mail or written correspondence to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack Testing

See Appendix C, Stack Testing Summary

Authority for Requirement: 567 IAC 24.108(14)

Agency Approved Operations & Maintenance Plan Required? Yes ☐ No ☒

Facility Maintained Operation & Maintenance Plan Required? Yes ☐ No ☒

Compliance Assurance Monitoring (CAM) Plan Required? Yes ☐ No ☒

Authority for Requirement: 567 IAC 24.108(3)

Emission Point ID Number: 208A, 208B, 208C, 208E, 208G, 208J, 208K, 208L

Table 26. Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CE ID	CE Description
208A	208A-EU1	Cooler 5	Feed	3.6 tph	208A-CE1	Cartridge Filters
	208A-EU2	Impact Mill 5	Feed	3.6 tph		
208B	208B-EU1	Cooler 6	Feed	3.6 tph	208B-CE1	Cartridge Filters
	208B-EU2	Impact Mill 6	Feed	3.6 tph		
208C	208C-EU1	Cooler 7	Feed	3.8 tph	208C-EU1	Cartridge Filters
	208C-EU2	Impact Mill 7	Feed	3.8 tph		
208E	208E-EU1	Cooler 9	Feed	4.5 tph	208E-CE1	Cartridge Filters
	208E-EU2	Impact Mill 9	Feed	4.5 tph		
208G	208G-EU1	Cooler 11	Feed	3.8 tph	208G-CE1	Cartridge Filters
	208G-EU2	Impact Mill 11	Feed	3.8 tph		
208J	208J-EU1	Cooler 14	Feed	3.6 tph	208J-CE1	Cartridge Filters
208K	208K-EU1	Cooler 15	Feed	3.6 tph	208K-CE1	Cartridge Filters
208L	208L-EU1	Cooler 16	Feed	3.6 tph	208L-CE1	Cartridge Filters

Applicable Requirements

Table 27. Emission Point Specific Emission Limits

The emissions from each emission point shall not exceed the levels specified below.

EP	Pollutant	Emission Limit(s)	Authority for Requirement	Authority for Requirement LCPH ATI / PTO
208A 208B 208C 208E 208G 208J 208K 208L	Opacity	40%	567 IAC 23.3(2)"d" LCO Sec. 10-60(a)	7829 / 7599-R2; 7830 / 7600-R2 7831 / 7601-R2; 7832 / 7602-R2 7833 / 7603-R2; 7834 / 7604-R2 7835 / 7605-R2; 7836 / 7606-R2
	PM	0.1 gr/dscf	567 IAC 23.3(2)"a"(1) LCO Sec. 10-62(a)(6)	
208A	PM/PM ₁₀	0.18 lb/hr		7829 / 7599-R2
208B	PM/PM ₁₀	0.18 lb/hr		7830 / 7600-R2
208C	PM/PM ₁₀	0.18 lb/hr		7831 / 7601-R2
208E	PM/PM ₁₀	0.18 lb/hr		7832 / 7602-R2
208G	PM/PM ₁₀	0.18 lb/hr		7833 / 7603-R2
208J	PM/PM ₁₀	0.26 lb/hr		7834 / 7604-R2
208K	PM/PM ₁₀	0.26 lb/hr		7835 / 7605-R2
208L	PM/PM ₁₀	0.26 lb/hr		7836 / 7606-R2

Operating Limits and Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

See Plant-Wide Conditions, Facility VOC/HAP Bubble Limits section, for facility operating requirements with associated monitoring and recordkeeping that apply to these emission points.

Operating Requirements with Associated Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Department. Records shall be legible and maintained in an orderly manner. The operating requirements and associated recordkeeping for this permit shall be:

- A. The control equipment shall be maintained according to the manufacturer's specifications and good operating practices. The owner or operator shall maintain a record of all maintenance completed on the control equipment.
- B. The differential pressure across each of the following cartridge filters in Table 28 shall be maintained in the stated range when material is actively being transferred. A differential pressure outside this range would not be considered a deviation if visible emissions are not present when the indicator is out of range and corrective actions are initiated as soon as possible, but no later than eight (8) hours from observation of the abnormal condition. This operating limit does not include periods of startup, shutdown, or cleaning of the equipment. The owner or operator shall monitor and record the differential pressure across these cartridge filters on a weekly basis.

Table 28 - Summary of Differential Pressure Ranges for Control Equipment

CE ID	ΔP (w.c.)	CE ID	ΔP (w.c.)	CE ID	ΔP (w.c.)
208A-CE1	0.1" and 8.0"	208E-CE1	0.1" and 8.0"	208K-CE1	0.1" and 8.0"
208B-CE1	0.1" and 8.0"	208G-CE1	0.1" and 8.0"	208L-CE1	0.1" and 8.0"
208C-CE1	0.1" and 20.0"	208J-CE1	0.1" and 10.0"		

- C. The owner or operator shall monitor and record 'no visible emissions' observations on a weekly basis. An exceedance of 'no visible emissions' will require the owner/operator to promptly investigate the emission unit, make corrections to operations or equipment associated with the exceedance, and record the corrective action taken.

Authority for Requirement (LCPH ATI / PTO): 7829 / 7599-R2; 7830 / 7600-R2; 7831 / 7601-R2; 7832 / 7602-R2; 7833 / 7603-R2; 7834 / 7604-R2; 7835 / 7605-R2; 7836 / 7606-R2

Emission Point Characteristics

Table 29. Stack Characteristics

The emission points shall conform to the specifications listed below.

EP	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Temp (°F)	Flowrate (scfm)	Authority for Requirement LCPH ATI / PTO
208A	65	V	12	110	2,700	7829 / 7599-R2
208B	65	V	12	110	2,700	7830 / 7600-R2
208C	65	V	12	110	2,700	7831 / 7601-R2
208E	65	V	12	110	2,700	7832 / 7602-R2
208G	65	V	12	110	2,700	7833 / 7603-R2
208J	83.5	V	12	110	3,000	7834 / 7604-R2
208K	75	V	12	110	3,000	7835 / 7605-R2
208L	40	V	12	110	3,000	7836 / 7606-R2

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point characteristics above are different than the values stated, the owner or operator shall submit a request either by electronic mail or written correspondence to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack Testing

See Appendix C, Stack Testing Summary

Authority for Requirement: 567 IAC 24.108(14)

Agency Approved Operations & Maintenance Plan Required? Yes ☐ No ☒

Facility Maintained Operation & Maintenance Plan Required? Yes ☐ No ☒

Compliance Assurance Monitoring (CAM) Plan Required? Yes ☐ No ☒

Authority for Requirement: 567 IAC 24.108(3)

Emission Point ID Number: 219A, 219B, 220A**Table 30. Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CE ID	CE Description
219A	219A-EU1	Loadout Bin LOB 101	Feed	50 tph	219A-CE1	Bin Vent Filter
219B	219B-EU1	Loadout Bin LOB 102	Feed	50 tph	219B-CE1	Bin Vent Filter
220A	220A-EU1	Bulk Loadout	Feed	50 tph	220A-CE1	Baghouse

Applicable Requirements**Table 31. Emission Limits**

The emissions from each emission point shall not exceed the levels specified below.

EP	Pollutant	Emission Limit(s)	Authority for Requirement	Authority for Requirement LCPH ATI / PTO
219A	Opacity	20%	LCO Sec. 10-60(a)	7313 / 7135
219B	PM	0.1 gr/dscf	567 IAC 23.3(2)"a"(1)	7314 / 7136
220A			LCO Sec. 10-62(a)(6)	7315 / 7137
220A	PM/PM ₁₀	0.005 gr/dscf		7315 / 7137

Operating Limits and Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Operating Requirements with Associated Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Department. Records shall be legible and maintained in an orderly manner. The operating requirements and associated recordkeeping for this permit shall be:

- A. All control equipment listed in Table 30 shall be maintained according to the manufacturer's specifications and good operating practices. The owner or operator shall maintain a record of all maintenance completed on all control equipment.
- B. The differential pressure across 220A-CE1 shall be maintained between 0.1" and 9.0" w.c. when material is actively being transferred. A differential pressure outside of this range would not be considered a deviation if visible emissions are not present when the indicator is out of range and corrective actions are initiated as soon as possible but no longer than eight (8) hours from observation of the abnormal condition. This operating limit does not include periods of startup, shutdown, or cleaning of the control equipment. The owner or operator shall monitor and record the differential pressure across 220A-CE1 on a weekly basis.
- C. The owner or operator shall monitor and record 'no visible emissions' observations on a weekly basis on all emission points in Table 30. An exceedance of 'no visible emissions' will require the owner/operator to promptly investigate the emission unit, make corrections to operations or equipment associated with the exceedance, and record the corrective action taken.

Authority for Requirement (LCPH ATI / PTO): 7313 / 7135; 7314 / 7136; 7315 / 7137

Emission Point Characteristics

Table 32. Stack Characteristics

The emission points shall conform to the specifications listed below.

EP	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Temp (°F)	Flowrate (acfm)	Authority for Requirement LCPH ATI / PTO
219A	43	VR	14	Ambient	Passive	7313 / 7135
219B	43	VR	14	Ambient	Passive	7314 / 7136
220A	43	VR	8	Ambient	1,050	7315 / 7137

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point characteristics above are different than the values stated, the owner or operator shall submit a request either by electronic mail or written correspondence to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Opacity Monitoring

See Appendix D, Opacity Monitoring Summary.

Authority for Requirement: 567 IAC 24.108(14)

Agency Approved Operations & Maintenance Plan Required? Yes ☐ No ☒

Facility Maintained Operation & Maintenance Plan Required? Yes ☐ No ☒

Compliance Assurance Monitoring (CAM) Plan Required? Yes ☐ No ☒

Authority for Requirement: 567 IAC 24.108(3)

Emission Point ID Number: 300A, 300B**Table 33. Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CE ID	CE Description
300A	300A-EU1	YGS Bioreactor 1	Yeast	0.257 tph	--	--
300B	300B-EU1	YGS Bioreactor 2	Yeast	0.257 tph	--	--

Applicable Requirements**Operating Limits and Requirements**

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

See Plant-Wide Conditions, Facility VOC/HAP Bubble Limits section, for facility operating requirements with associated monitoring and recordkeeping that apply to these emission points.

Operating Requirements with Associated Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Department. Records shall be legible and maintained in an orderly manner. The operating requirements and associated recordkeeping for this permit shall be:

- A. The facility is limited to producing a maximum of 1,150 tons (2.3 million pounds) of yeast in any rolling 12-month period.
 - (1) The owner or operator shall maintain the following monthly records:
 - a. The number of tons (or pounds) of yeast produced in EU300A-EU1.
 - b. The number of tons (or pounds) of yeast produced in EU300B-EU1.
 - c. The rolling 12-month total amount of yeast produced between EU300A-EU1 and EU300B-EU1.

Authority for Requirement (LCPH ATI / PTO): 8030-R1 / 7716-R1; 8031-R1 / 7717-R1

Emission Point Characteristics**Table 34. Stack Characteristics**

The emission points shall conform to the specifications listed below.

EP	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Temp (°F)	Flowrate (acfm)	Authority for Requirement LCPH ATI / PTO
300A	90	Downward	12	90	1,500	8030-R1 / 7716-R1
300B	90	Downward	12	90	1,500	8031-R1 / 7717-R1

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point characteristics above are different than the values stated, the owner or operator shall submit a request either by electronic mail or written correspondence to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Agency Approved Operations & Maintenance Plan Required? Yes ☐ No ☒
Facility Maintained Operation & Maintenance Plan Required? Yes ☐ No ☒
Compliance Assurance Monitoring (CAM) Plan Required? Yes ☐ No ☒
Authority for Requirement: 567 IAC 24.108(3)

IV. General Conditions

This permit is issued under the authority of the Iowa Code subsection 455B.133(8) and in accordance with 567 Iowa Administrative Code chapter 24 and Linn County Code of Ordinances (LCCO) Chapter 10 – Environment, Article III, Sec. 10-57.

G1. Duty to Comply

1. The permittee must comply with all conditions of the Title V permit. Any permit noncompliance constitutes a violation of the Act and is grounds for enforcement action; for a permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. 567 IAC 24.108(9)"a"
2. Any compliance schedule shall be supplemental to, and shall not sanction noncompliance with, the applicable requirements on which it is based. 567 IAC 24.105 (2)"h"(3)
3. Where an applicable requirement of the Act is more stringent than an applicable requirement of regulations promulgated under Title IV of the Act, both provisions shall be enforceable by the administrator and are incorporated into this permit. 567 IAC 24.108 (1)"b"
4. Unless specified as either "state enforceable only" or "local program enforceable only", all terms and conditions in the permit, including provisions to limit a source's potential to emit, are enforceable by the administrator and citizens under the Act. 567 IAC 24.108 (14)
5. It shall not be a defense for a permittee, in an enforcement action, that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit. 567 IAC 24.108 (9)"b"
6. For applicable requirements with which the permittee is in compliance, the permittee shall continue to comply with such requirements. For applicable requirements that will become effective during the permit term, the permittee shall meet such requirements on a timely basis. 567 IAC 24.108(15)"c"

G2. Permit Expiration

1. Except as provided in rule 567—24.104(455B), permit expiration terminates a source's right to operate unless a timely and complete application for renewal has been submitted in accordance with rule 567—24.105(455B). 567 IAC 24.116(2)
2. To be considered timely, the owner, operator, or designated representative (where applicable) of each source required to obtain a Title V permit shall submit on forms or electronic format specified by the Department to the Air Quality Bureau, Iowa Department of Natural Resources, Air Quality Bureau, Wallace State Office Building, 502 E 9th St., Des Moines, IA 50319-0034, two copies (three if your facility is located in Linn or Polk county) of a complete permit application, at least 6 months but not more than 18 months prior to the date of permit expiration. An additional copy must also be sent to U.S. EPA Region VII, Attention: Chief of Air Permitting & Standards Branch, 11201 Renner Blvd., Lenexa, KS 66219. Additional copies to local programs or EPA are not required for application materials submitted through the electronic format specified by the Department. The application must include all emission points, emission units, air pollution control equipment, and monitoring devices at the facility. All emissions generating activities, including fugitive emissions, must be included. The definition of a complete application is as indicated in 567 IAC 24.105(2). 567 IAC 24.105

G3. Certification Requirement for Title V Related Documents

Any application, report, compliance certification or other document submitted pursuant to this permit shall contain certification by a responsible official of truth, accuracy, and completeness. All certifications shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. 567 IAC 24.107 (4)

G4. Annual Compliance Certification

By March 31 of each year, the permittee shall submit compliance certifications for the previous calendar year. The certifications shall include descriptions of means to monitor the compliance status of all emissions sources including emissions limitations, standards, and work practices in accordance with applicable requirements. The certification for a source shall include the identification of each term or condition of the permit that is the basis of the certification; the compliance status; whether compliance was continuous or intermittent; the method(s) used for determining the

compliance status of the source, currently and over the reporting period consistent with all applicable department rules. For sources determined not to be in compliance at the time of compliance certification, a compliance schedule shall be submitted which provides for periodic progress reports, dates for achieving activities, milestones, and an explanation of why any dates were missed and preventive or corrective measures. The compliance certification shall be submitted to the administrator, director, and Linn County Public Health Air Quality Division. 567 IAC 24.108 (15)"e"

G5. Semi-Annual Monitoring Report

By March 31 and September 30 of each year, the permittee shall submit a report of any monitoring required under this permit for the 6 month periods of July 1 to December 31 and January 1 to June 30, respectively. All instances of deviations from permit requirements must be clearly identified in these reports, and the report must be signed by a responsible official, consistent with 567 IAC 24.107(4). The semi-annual monitoring report shall be submitted to the director and Linn County Public Health Air Quality Division. 567 IAC 24.108 (5)

G6. Annual Fees

1. The permittee is required under subrule 567 IAC 30.4(2) to pay an annual fee based on the total tons of actual emissions of each regulated air pollutant. Title V operating permit fees will be paid on July 1 of each year. The fee shall be based on emissions for the previous calendar year.
 - a. The fee amount shall be calculated based on the first 4,000 tons of each regulated air pollutant emitted each year. The fee to be charged per ton of pollutant will be available from the department by June 1 of each year. The Responsible Official will be advised of any change in the annual fee per ton of pollutant.
 - b. The emissions inventory shall be submitted annually by March 31 with forms specified by the department documenting actual emissions for the previous calendar year.
 - c. The fee shall be submitted annually by July 1 with forms specified by the department.
 - d. If there are any changes to the emission calculation form, the department shall make revised forms available to the public by January 1. If revised forms are not available by January 1, forms from the previous year may be used and the year of emissions documented changed. The department shall calculate the total statewide Title V emissions for the prior calendar year and make this information available to the public no later than April 30 of each year.
 - e. The fee for a portable emissions unit or stationary source which operates both in Iowa and out of state shall be calculated only for emissions from the source while operating in Iowa.
 - f. Failure to pay the appropriate Title V fee represents cause for revocation of the Title V permit as indicated in 567 IAC 24.115(1)"d".
2. The permittee is required under subrule 567 IAC 30.4(3) to pay an annual fee base fee based on the fee schedule approved by the commission and posted on the department's website. Beginning July 1, 2026, Title V operating base fees will be paid on July 1 of each year.

G7. Inspection of Premises, Records, Equipment, Methods and Discharges

Upon presentation of proper credentials and any other documents as may be required by law, the permittee shall allow the director or the director's authorized representative to:

1. Enter upon the permittee's premises where a Title V source is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit;
2. Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;
3. Inspect, at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and
4. Sample or monitor, at reasonable times, substances or parameters for the purpose of ensuring compliance with the permit or other applicable requirements. 567 IAC 24.108 (15)"b" and LCO Sec. 10-75

G8. Duty to Provide Information

The permittee shall furnish to the director, within a reasonable time, any information that the director may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee also shall furnish to the director copies of records required to be

kept by the permit, or for information claimed to be confidential, the permittee shall furnish such records directly to the administrator of EPA along with a claim of confidentiality. 567 IAC 24.108 (9)"e" and LCO Sec. 10-71 and 10-72

G9. General Maintenance and Repair Duties

The owner or operator of any air emission source or control equipment shall:

1. Maintain and operate the equipment or control equipment at all times in a manner consistent with good practice for minimizing emissions.
2. Remedy any cause of excess emissions in an expeditious manner.
3. Minimize the amount and duration of any excess emission to the maximum extent possible during periods of such emissions. These measures may include but not be limited to the use of clean fuels, production cutbacks, or the use of alternate process units or, in the case of utilities, purchase of electrical power until repairs are completed.
4. Schedule, at a minimum, routine maintenance of equipment or control equipment during periods of process shutdowns to the maximum extent possible. 567 IAC 24.2(1) and LCO Sec. 10-67(b)

G10. Recordkeeping Requirements for Compliance Monitoring

1. In addition to any source specific recordkeeping requirements contained in this permit, the permittee shall maintain the following compliance monitoring records, where applicable:
 - a. The date, place and time of sampling or measurements;
 - b. The date the analyses were performed;
 - c. The company or entity that performed the analyses;
 - d. The analytical techniques or methods used;
 - e. The results of such analyses;
 - f. The operating conditions as existing at the time of sampling or measurement; and
 - g. The records of quality assurance for continuous compliance monitoring systems (including but not limited to quality control activities, audits and calibration drifts).
2. The permittee shall retain records of all required compliance monitoring data and support information for a period of at least 5 years from the date of compliance monitoring sample, measurement report or application. Support information includes all calibration and maintenance records and all original strip chart recordings for continuous compliance monitoring, and copies of all reports required by the permit.
3. For any source which in its application identified reasonably anticipated alternative operating scenarios, the permittee shall:
 - a. Comply with all terms and conditions of this permit specific to each alternative scenario.
 - b. Maintain a log at the permitted facility of the scenario under which it is operating.
 - c. Consider the permit shield, if provided in this permit, to extend to all terms and conditions under each operating scenario. 567 IAC 24.108(4), 567 IAC 24.108(12)

G11. Evidence used in establishing that a violation has or is occurring.

Notwithstanding any other provisions of these rules, any credible evidence may be used for the purpose of establishing whether a person has violated or is in violation of any provisions herein.

1. Information from the use of the following methods is presumptively credible evidence of whether a violation has occurred at a source:
 - a. A monitoring method approved for the source and incorporated in an operating permit pursuant to 567 Chapter 24;
 - b. Compliance test methods specified in 567 Chapter 25; or
 - c. Testing or monitoring methods approved for the source in a construction permit issued pursuant to 567 Chapter 24.
2. The following testing, monitoring or information gathering methods are presumptively credible testing, monitoring, or information gathering methods:
 - a. Any monitoring or testing methods provided in these rules; or

- b. Other testing, monitoring, or information gathering methods that produce information comparable to that produced by any method in subrule 21.5(1) or this subrule. 567 IAC 21.5(1)-567 IAC 21.5(2) and LCO Sec. 10-69(1)

G12. Prevention of Accidental Release: Risk Management Plan Notification and Compliance Certification

If the permittee is required to develop and register a risk management plan pursuant to section 112(r) of the Act, the permittee shall notify the department of this requirement. The plan shall be filed with all appropriate authorities by the deadline specified by EPA. A certification that this risk management plan is being properly implemented shall be included in the annual compliance certification of this permit. 567 IAC 24.108(6)

G13. Hazardous Release

The permittee must report any situation involving the actual, imminent, or probable release of a hazardous substance into the atmosphere which, because of the quantity, strength and toxicity of the substance, creates an immediate or potential danger to the public health, safety or to the environment. A verbal report shall be made to the department at (515) 725-8694 and to the local police department or the office of the sheriff of the affected county as soon as possible but not later than six hours after the discovery or onset of the condition. This verbal report must be followed up with a written report as indicated in 567 IAC 131.2(2). 567 IAC Chapter 131-State Only

G14. Excess Emissions and Excess Emissions Reporting Requirements

1. Excess Emissions. Excess emission during a period of startup, shutdown, or cleaning of control equipment is not a violation of the emission standard if the startup, shutdown or cleaning is accomplished expeditiously and in a manner consistent with good practice for minimizing emissions. Cleaning of control equipment which does not require the shutdown of the process equipment shall be limited to one six-minute period per one-hour period. An incident of excess emission (other than an incident during startup, shutdown or cleaning of control equipment) is a violation. If the owner or operator of a source maintains that the incident of excess emission was due to a malfunction, the owner or operator must show that the conditions which caused the incident of excess emission were not preventable by reasonable maintenance and control measures. Determination of any subsequent enforcement action will be made following review of this report. If excess emissions are occurring, either the control equipment causing the excess emission shall be repaired in an expeditious manner or the process generating the emissions shall be shutdown within a reasonable period of time. An expeditious manner is the time necessary to determine the cause of the excess emissions and to correct it within a reasonable period of time. A reasonable period of time is eight hours plus the period of time required to shut down the process without damaging the process equipment or control equipment. A variance from this subrule may be available as provided for in Iowa Code section 455B.143. In the case of an electric utility, a reasonable period of time is eight hours plus the period of time until comparable generating capacity is available to meet consumer demand with the affected unit out of service, unless, the director shall, upon investigation, reasonably determine that continued operation constitutes an unjustifiable environmental hazard and issue an order that such operation is not in the public interest and require a process shutdown to commence immediately.
2. Excess Emissions Reporting
 - a. Initial Reporting of Excess Emissions. An incident of excess emission (other than an incident of excess emission during a period of startup, shutdown, or cleaning) shall be reported to the appropriate field office of the department within eight hours of, or at the start of the first working day following the onset of the incident. The reporting exemption for an incident of excess emission during startup, shutdown or cleaning does not relieve the owner or operator of a source with continuous monitoring equipment of the obligation of submitting reports required in 567-subrule 25.1(6). An initial report of excess emission is not required for a source with operational continuous monitoring equipment (as specified in 567-subrule 25.1(1)) if the incident of excess emission continues for less than 30 minutes and does not exceed the applicable emission standard by more than 10 percent or the applicable visible emission standard by more than 10 percent opacity. The initial report may be made by electronic mail (E-mail), in person, or by telephone and shall include as a minimum the following:

- i. The identity of the equipment or source operation from which the excess emission originated and the associated stack or emission point.
 - ii. The estimated quantity of the excess emission.
 - iii. The time and expected duration of the excess emission.
 - iv. The cause of the excess emission.
 - v. The steps being taken to remedy the excess emission.
 - vi. The steps being taken to limit the excess emission in the interim period.
- b. Written Reporting of Excess Emissions. A written report of an incident of excess emission shall be submitted as a follow-up to all required initial reports to the department within seven days of the onset of the upset condition, and shall include as a minimum the following:
 - i. The identity of the equipment or source operation point from which the excess emission originated and the associated stack or emission point.
 - ii. The estimated quantity of the excess emission.
 - iii. The time and duration of the excess emission.
 - iv. The cause of the excess emission.
 - v. The steps that were taken to remedy and to prevent the recurrence of the incident of excess emission.
 - vi. The steps that were taken to limit the excess emission.
 - vii. If the owner claims that the excess emission was due to malfunction, documentation to support this claim. 567 IAC 21.7(1)-567 IAC 21.7(4) and LCO Sec. 10-67
- 3. Emergency Defense for Excess Emissions. For the purposes of this permit, an “emergency” means any situation arising from sudden and reasonably unforeseeable events beyond the control of the source, including acts of God, which situation requires immediate corrective action to restore normal operation, and that causes the source to exceed a technology-based emission limitation under the permit due to unavoidable increases in emissions attributable to the emergency. An emergency shall not include non-compliance, to the extent caused by improperly designed equipment, lack of preventive maintenance, careless or improper operation or operator error. An emergency constitutes an affirmative defense to an action brought for non-compliance with technology based limitations if it can be demonstrated through properly signed contemporaneous operating logs or other relevant evidence that:
 - a. An emergency occurred and that the permittee can identify the cause(s) of the emergency;
 - b. The facility at the time was being properly operated;
 - c. During the period of the emergency, the permittee took all reasonable steps to minimize levels of emissions that exceeded the emissions standards or other requirements of the permit; and
 - d. The permittee submitted notice of the emergency to the director by certified mail within two working days of the time when the emissions limitations were exceeded due to the emergency. This notice fulfills the requirement of paragraph 22.108(5)"b." – See G15. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

In any enforcement proceeding, the permittee seeking to establish the occurrence of an emergency has the burden of proof. This provision is in addition to any emergency or upset provision contained in any applicable requirement. 567 IAC 24.108(16)

G15. Permit Deviation Reporting Requirements

A deviation is any failure to meet a term, condition or applicable requirement in the permit. Reporting requirements for deviations that result in a hazardous release or excess emissions have been indicated above (see G13 and G14). Unless more frequent deviation reporting is specified in the permit, any other deviation shall be documented in the semi-annual monitoring report and the annual compliance certification (see G4 and G5). 567 IAC 24.108(5)"b"

G16. Notification Requirements for Sources That Become Subject to NSPS and NESHAP Regulations

During the term of this permit, the permittee must notify the department of any source that becomes subject to a standard or other requirement under 567-subrule 23.1(2) (standards of performance of new stationary sources) or section 111 of the Act; or 567-subrule 23.1(3) (emissions standards for hazardous air pollutants), 567-subrule 23.1(4) (emission standards for hazardous air pollutants for source categories) or section 112 of the Act. This notification shall be submitted in writing to the department pursuant to the notification requirements in 40 CFR Section 60.7, 40 CFR Section 61.07, and/or 40 CFR

Section 63.9. 567 IAC 23.1(2), 567 IAC 23.1(3), 567 IAC 23.1(4) This notification must be made to Linn County Air Quality Division, in lieu of the Department, upon adoption of the NSPS or NESHAP into Chapter 10.

G17. Requirements for Making Changes to Emission Sources That Do Not Require Title V Permit Modification

1. Off Permit Changes to a Source. Pursuant to section 502(b)(10) of the CAAA, the permittee may make changes to this installation/facility without revising this permit if:
 - a. The changes are not major modifications under any provision of any program required by section 110 of the Act, modifications under section 111 of the act, modifications under section 112 of the act, or major modifications as defined in 567 IAC Chapter 24.
 - b. The changes do not exceed the emissions allowable under the permit (whether expressed therein as a rate of emissions or in terms of total emissions);
 - c. The changes are not modifications under any provisions of Title I of the Act and the changes do not exceed the emissions allowable under the permit (whether expressed therein as a rate of emissions or as total emissions);
 - d. The changes are not subject to any requirement under Title IV of the Act (revisions affecting Title IV permitting are addressed in rules 567—24.140(455B) through 567 - 24.144(455B));.
 - e. The changes comply with all applicable requirements.
 - f. For each such change, the permitted source provides to the department and the administrator by certified mail, at least 30 days in advance of the proposed change, a written notification, including the following, which must be attached to the permit by the source, the department and the administrator:
 - i. A brief description of the change within the permitted facility,
 - ii. The date on which the change will occur,
 - iii. Any change in emission as a result of that change,
 - iv. The pollutants emitted subject to the emissions trade
 - v. If the emissions trading provisions of the state implementation plan are invoked, then Title V permit requirements with which the source shall comply; a description of how the emissions increases and decreases will comply with the terms and conditions of the Title V permit.
 - vi. A description of the trading of emissions increases and decreases for the purpose of complying with a federally enforceable emissions cap as specified in and in compliance with the Title V permit; and
 - viii. Any permit term or condition no longer applicable as a result of the change. 567 IAC 24.110(1)
2. Such changes do not include changes that would violate applicable requirements or contravene federally enforceable permit terms and conditions that are monitoring (including test methods), record keeping, reporting, or compliance certification requirements. 567 IAC 24.110(2)
3. Notwithstanding any other part of this rule, the director may, upon review of a notice, require a stationary source to apply for a Title V permit if the change does not meet the requirements of subrule 24.110(1). 567 IAC 24.110(3)
4. The permit shield provided in subrule 24.108(18) shall not apply to any change made pursuant to this rule. Compliance with the permit requirements that the source will meet using the emissions trade shall be determined according to requirements of the state implementation plan authorizing the emissions trade. 567 IAC 24.110(4)
5. No permit revision shall be required, under any approved economic incentives, marketable permits, emissions trading and other similar programs or processes, for changes that are provided for in this permit. 567 IAC 24.108(11)

G18. Duty to Modify a Title V Permit

1. Administrative Amendment.
 - a. An administrative permit amendment is a permit revision that does any of the following:
 - i. Correct typographical errors;
 - ii. Identify a change in the name, address, or telephone number of any person identified in the permit, or provides a similar minor administrative change at the source;
 - iii. Require more frequent monitoring or reporting by the permittee; or

- iv. Allow for a change in ownership or operational control of a source where the director determines that no other change in the permit is necessary, provided that a written agreement containing a specific date for transfer of permit responsibility, coverage and liability between the current and new permittee has been submitted to the director.
 - b. The permittee may implement the changes addressed in the request for an administrative amendment immediately upon submittal of the request. The request shall be submitted to the director.
 - c. Administrative amendments to portions of permits containing provisions pursuant to Title IV of the Act shall be governed by regulations promulgated by the administrator under Title IV of the Act.
2. Minor Title V Permit Modification.
- a. Minor Title V permit modification procedures may be used only for those permit modifications that satisfy all of the following:
 - i. Do not violate any applicable requirement;
 - ii. Do not involve significant changes to existing monitoring, reporting or recordkeeping requirements in the Title V permit;
 - iii. Do not require or change a case by case determination of an emission limitation or other standard, or an increment analysis;
 - iv. Do not seek to establish or change a permit term or condition for which there is no corresponding underlying applicable requirement and that the source has assumed in order to avoid an applicable requirement to which the source would otherwise be subject. Such terms and conditions include any federally enforceable emissions caps which the source would assume to avoid classification as a modification under any provision under Title I of the Act; and an alternative emissions limit approved pursuant to regulations promulgated under section 112(i)(5) of the Act;
 - v. Are not modifications under any provision of Title I of the Act; and
 - vi. Are not required to be processed as significant modification under rule 567 - 24.113(455B).
 - b. An application for minor permit revision shall be on the minor Title V modification application form and shall include at least the following:
 - i. A description of the change, the emissions resulting from the change, and any new applicable requirements that will apply if the change occurs;
 - ii. The permittee's suggested draft permit;
 - iii. Certification by a responsible official, pursuant to 567 IAC 24.107(4), that the proposed modification meets the criteria for use of minor permit modification procedures and a request that such procedures be used; and
 - iv. Completed forms to enable the department to notify the administrator and the affected states as required by 567 IAC 24.107(7).
 - c. The permittee may make the change proposed in its minor permit modification application immediately after it files the application. After the permittee makes this change and until the director takes any of the actions specified in 567 IAC 24.112(4) "a" to "c", the permittee must comply with both the applicable requirements governing the change and the proposed permit terms and conditions. During this time, the permittee need not comply with the existing permit terms and conditions it seeks to modify. However, if the permittee fails to comply with its proposed permit terms and conditions during this time period, the existing permit terms and conditions it seeks to modify may be enforced against the facility.
3. Significant Title V Permit Modification.
- a. Significant Title V modification procedures shall be used for applications requesting Title V permit modifications that do not qualify as minor Title V modifications or as administrative amendments. These include but are not limited to all significant changes in monitoring permit terms, every relaxation of reporting or recordkeeping permit terms, and any change in the method of measuring compliance with existing requirements. Significant Title V modifications shall meet all requirements of 567 IAC Chapter 24, including those for applications, public participation, review by affected states, and review by the administrator, as those requirements that apply to Title V issuance and renewal.
 - b. The permittee shall submit an application for a significant permit modification not later than three months after commencing operation of the changed source unless the existing Title V permit would prohibit such

construction or change in operation, in which event the operation of the changed source may not commence until the department revises the permit. 567 IAC 24.111-567 IAC 24.113

G19. Duty to Obtain Construction Permits

Unless exempted in 567 IAC 24.1(2) or to meet the parameters established in 567 IAC 24.1(1)"c", the permittee shall not construct, install, reconstruct or alter any equipment, control equipment or anaerobic lagoon without first obtaining a construction permit, or conditional permit, or permit pursuant to rule 567 IAC 22.8, or permits required pursuant to rules 567 IAC 22.4, 567 IAC 22.5, 567 IAC 31.3, and 567 IAC 33.3 as required in 567 IAC 22.1(1). A permit shall be obtained prior to the initiation of construction, installation or alteration of any portion of the stationary source or anaerobic lagoon. 567 IAC 22.1(1) and LCCO Sec. 10-58

G20. Asbestos

The permittee shall comply with 567 IAC 23.1(3)"a", and 567 IAC 23.2(3)"g" when activities involve asbestos mills, surfacing of roadways, manufacturing operations, fabricating, insulating, waste disposal, spraying applications, demolition and renovation operations (567 IAC 23.1(3)"a"); training fires and controlled burning of a demolished building (567 IAC 23.2).

G21. Open Burning

The permittee is prohibited from conducting open burning, except as provided in LCCO Sec. 10-63.

G22. Acid Rain (Title IV) Emissions Allowances

The permittee shall not exceed any allowances that it holds under Title IV of the Act or the regulations promulgated there under. Annual emissions of sulfur dioxide in excess of the number of allowances to emit sulfur dioxide held by the owners and operators of the unit or the designated representative of the owners and operators is prohibited. Exceedances of applicable emission rates are prohibited. "Held" in this context refers to both those allowances assigned to the owners and operators by USEPA, and those allowances supplementally acquired by the owners and operators. The use of any allowance prior to the year for which it was allocated is prohibited. Contravention of any other provision of the permit is prohibited. 567 IAC 24.108(7)

G23. Stratospheric Ozone and Climate Protection (Title VI) Requirements

1. The permittee shall comply with the standards for labeling of products using ozone-depleting substances pursuant to 40 CFR Part 82, Subpart E:
 - a. All containers in which a class I or class II substance is stored or transported, all products containing a class I substance, and all products directly manufactured with a class I substance must bear the required warning statement if it is being introduced into interstate commerce pursuant to § 82.106.
 - b. The placement of the required warning statement must comply with the requirements pursuant to § 82.108.
 - c. The form of the label bearing the required warning statement must comply with the requirements pursuant to § 82.110.
 - d. No person may modify, remove, or interfere with the required warning statement except as described in § 82.112.
2. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for MVACs in Subpart B:
 - a. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to § 82.156.
 - b. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to § 82.158.
 - c. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to § 82.161.
 - d. Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with reporting and recordkeeping requirements pursuant to § 82.166. ("MVAC-like appliance" as defined at § 82.152)
 - e. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to § 82.156.

- f. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to § 82.166.
3. If the permittee manufactures, transforms, imports, or exports a class I or class II substance, the permittee is subject to all the requirements as specified in 40 CFR part 82, Subpart A, Production and Consumption Controls.
4. If the permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners. The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo, or system used on passenger buses using HCFC-22 refrigerant,
5. The permittee shall be allowed to switch from any ozone-depleting or greenhouse gas generating substances to any alternative that is listed in the Significant New Alternatives Program (SNAP) promulgated pursuant to 40 CFR part 82, Subpart G, Significant New Alternatives Policy Program. 40 CFR part 82

G24. Permit Reopenings

1. This permit may be modified, revoked, reopened, and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. 567 IAC 24.108(9)"c"
2. Additional applicable requirements under the Act become applicable to a major part 70 source with a remaining permit term of 3 or more years. Revisions shall be made as expeditiously as practicable, but not later than 18 months after the promulgation of such standards and regulations.
 - a. Reopening and revision on this ground is not required if the permit has a remaining term of less than three years;
 - b. Reopening and revision on this ground is not required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions have been extended pursuant to 40 CFR 70.4(b)(10)(i) or (ii) as amended to May 15, 2001.
 - c. Reopening and revision on this ground is not required if the additional applicable requirements are implemented in a general permit that is applicable to the source and the source receives approval for coverage under that general permit. 567 IAC 24.108(17)"a", 567 IAC 24.108(17)"b"
3. A permit shall be reopened and revised under any of the following circumstances:
 - a. The department receives notice that the administrator has granted a petition for disapproval of a permit pursuant to 40 CFR 70.8(d) as amended to July 21, 1992, provided that the reopening may be stayed pending judicial review of that determination;
 - b. The department or the administrator determines that the Title V permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the Title V permit;
 - c. Additional applicable requirements under the Act become applicable to a Title V source, provided that the reopening on this ground is not required if the permit has a remaining term of less than three years, the effective date of the requirement is later than the date on which the permit is due to expire, or the additional applicable requirements are implemented in a general permit that is applicable to the source and the source receives approval for coverage under that general permit. Such a reopening shall be complete not later than 18 months after promulgation of the applicable requirement.
 - d. Additional requirements, including excess emissions requirements, become applicable to a Title IV affected source under the acid rain program. Upon approval by the administrator, excess emissions offset plans shall be deemed to be incorporated into the permit.
 - e. The department or the administrator determines that the permit must be revised or revoked to ensure compliance by the source with the applicable requirements. 567 IAC 24.114
4. Proceedings to reopen and reissue a Title V permit shall follow the procedures applicable to initial permit issuance and shall effect only those parts of the permit for which cause to reopen exists. 567 IAC 24.114
5. A notice of intent shall be provided to the Title V source at least 30 days in advance of the date the permit is to be reopened, except that the director may provide a shorter time period in the case of an emergency. 567 IAC 24.114

G25. Permit Shield

1. The director may expressly include in a Title V permit a provision stating that compliance with the conditions of the permit shall be deemed compliance with any applicable requirements as of the date of permit issuance, provided that:
 - a. Such applicable requirements are included and are specifically identified in the permit; or
 - b. The director, in acting on the permit application or revision, determines in writing that other requirements specifically identified are not applicable to the source, and the permit includes the determination or a concise summary thereof.
2. A Title V permit that does not expressly state that a permit shield exists shall be presumed not to provide such a shield.
3. A permit shield shall not alter or affect the following:
 - a. The provisions of Section 303 of the Act (emergency orders), including the authority of the administrator under that section;
 - b. The liability of an owner or operator of a source for any violation of applicable requirements prior to or at the time of permit issuance;
 - c. The applicable requirements of the acid rain program, consistent with Section 408(a) of the Act;
 - d. The ability of the department or the administrator to obtain information from the facility pursuant to Section 114 of the Act. 567 IAC 24.108 (18)

G26. Severability

The provisions of this permit are severable and if any provision or application of any provision is found to be invalid by this department or a court of law, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected by such finding. 567 IAC 24.108 (8)

G27. Property Rights

The permit does not convey any property rights of any sort, or any exclusive privilege. 567 IAC 24.108 (9)"d"

G28. Transferability

This permit is not transferable from one source to another. If title to the facility or any part of it is transferred, an administrative amendment to the permit must be sought consistent with the requirements of 567 IAC 24.111(1). 567 IAC 24.111 (1)"d"

G29. Disclaimer

No review has been undertaken on the engineering aspects of the equipment or control equipment other than the potential of that equipment for reducing air contaminant emissions. 567 IAC 22.3(3)"c"

G30. Notification and Reporting Requirements for Stack Tests or Monitor Certification

The permittee shall notify the department's stack test contact in writing not less than 30 days before a required test or performance evaluation of a continuous emission monitor is performed to determine compliance with applicable requirements of 567 – Chapter 23 or a permit condition. Such notice shall include the time, the place, the name of the person who will conduct the test and other information as required by the department. If the owner or operator does not provide timely notice to the department, the department shall not consider the test results or performance evaluation results to be a valid demonstration of compliance with applicable rules or permit conditions. Upon written request, the department may allow a notification period of less than 30 days. At the department's request, a pretest meeting shall be held not later than 15 days prior to conducting the compliance demonstration. A testing protocol shall be submitted to the department no later than 15 days before the owner or operator conducts the compliance demonstration. A representative of the department shall be permitted to witness the tests. Results of the tests shall be submitted in writing to the department's stack test contact in the form of a comprehensive report within six weeks of the completion of the testing. Compliance tests conducted pursuant to this permit shall be conducted with the source operating in a normal manner at its maximum continuous output as rated by the equipment manufacturer, or the rate specified by the owner as the maximum production rate at which the source shall be operated. In cases where compliance is to be demonstrated at less than the maximum continuous output as rated by the equipment manufacturer, and it is the owner's intent to limit the capacity to that rating, the owner may submit evidence to the department that the source has been physically altered so that capacity cannot be

exceeded, or the department may require additional testing, continuous monitoring, reports of operating levels, or any other information deemed necessary by the department to determine whether such source is in compliance.

Stack test notifications, reports and correspondence shall be sent to:

Linn County Public Health
Air Quality Division
1020 6th St. SE
Cedar Rapids, IA 52401
(319) 892-6000

567 IAC 25.1(7)"a", 567 IAC 25.1(9) and LCCO Sec. 10-70

G31. Prevention of Air Pollution Emergency Episodes

The permittee shall comply with the provisions of 567 IAC Chapter 26 in the prevention of excessive build-up of air contaminants during air pollution episodes, thereby preventing the occurrence of an emergency due to the effects of these contaminants on the health of persons. 567 IAC 26.1(1)

G32. Contacts List

The current address and phone number for reports and notifications to the EPA administrator is:

Iowa Compliance Officer
Air Branch
Enforcement and Compliance Assurance Division
U.S. EPA Region 7
Air Permits and Compliance Branch
11201 Renner Blvd.
Lenexa, KS 66219
(913) 551-7020

The current address and phone number for reports and notifications to the department or the Director is:

Chief, Air Quality Bureau
Iowa Department of Natural Resources
Wallace State Office Building
502 E 9th St.
Des Moines, IA 50319-0034
(515) 725-8200

Reports or notifications to the Linn County local program shall be directed to the supervisor at the Linn County local program. The current address and phone number is:

Linn County Public Health
Air Quality Division
1020 6th Street SE
Cedar Rapids, IA 52401
(319) 892-6000

Appendix A: Applicable Federal Standards

There are no applicable federal standards.

Appendix B: Opacity Monitoring Summary

Opacity Monitoring

The facility shall check the opacity weekly during a period when the emission unit listed in Opacity Monitoring Table 35 is operating with product at or near full capacity and record the reading. Maintain a written record of the observation and any action resulting from the observation for a minimum of five years. Opacity shall be observed to ensure that no visible emissions occur during the material handling operation of the unit. If visible emissions are observed corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If corrective action does not return the observation to no visible emissions, then a Method 9 observation will be required.

If an opacity >20 % is observed, this would be a violation and corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If weather conditions prevent the observer from conducting an opacity observation, the observer shall note such conditions on the data observation sheet. At least three attempts shall be made to retake opacity readings at approximately 2-hour intervals throughout the day. If all observation attempts for a week have been unsuccessful due to weather, an observation shall be made the next operating day where weather permits.

Table 35 - Opacity Monitoring Table

EP	EU ID	EP	EU ID
201C	201C-EU1	219A	219A-EU1
219B	219B-EU1	220A	220A-EU1

Authority for Requirement: 567 IAC 24.108(14)

Appendix C: Stack Testing Summary

Table 36 - Stack Testing Summary

EP	EU Description	Pollutant	Compliance Methodology	Completion Deadline	Test Method
203A	Pneumatic Grain Transfer	PM	Stack Test	w/in 3 years	40 CFR 60, Appendix A, Method 5 40 CFR 51, Appendix M, Method 202
203B	Hammermill 2	PM	Stack Test	w/in 3 years	40 CFR 60, Appendix A, Method 5 40 CFR 51, Appendix M, Method 202
Multiple	Dryer ^{1,2}	PM	Stack Test	w/in 3 years	40 CFR 60, Appendix A, Method 5 40 CFR 51, Appendix M, Method 202
Multiple	Cooler ^{3,4}	VOC	Stack Test	w/in 3 years	40 CFR 63, Appendix A, Method 320 or 40 CFR 60, Appendix A, Method 18
Multiple	Cooler	HAP	Stack Test	w/in 3 years	40 CFR 63, Appendix A, Method 320 or 40 CFR 60, Appendix A, Method 18

¹ The owner or operator shall either conduct representative compliance testing for EP207A (Dryers 5/6), EP207B (Dryers 7/8), EP207C (Dryers 9/10), EP207D (Dryers 11/12), or EP207F (Dryers 15/16) or conduct compliance testing on all five (5) emission points.

² If the owner or operator decides to conduct representative compliance testing, it shall conduct testing on one (1) of the of the following emission points: EP207A (Dryers 5/6), EP207B (Dryers 7/8), EP207C (Dryers 9/10), EP207D (Dryers 11/12), or EP207F (Dryers 15/16). The compliance test results from that test shall be considered representative for the other listed emission points. If the tested emission point indicates non-compliance, the facility will be considered in violation of the emission limits set for the other emission points, or they may be tested independently to verify compliance.

³ The owner or operator shall either conduct representative compliance testing for EP208A (Cooler 5), EP208B (Cooler 6), EP208C (Cooler 7), EP208E (Cooler 9), EP208G (Cooler 11), EP208J (Cooler 14), EP208K (Cooler 15), or EP208L (Cooler 16) or conduct compliance testing on all eight (8) emission points.

⁴ If the owner or operator decides to conduct representative compliance testing, it shall conduct testing on one (1) of the following emission points: EP208A (Cooler 5), EP208B (Cooler 6), EP208C (Cooler 7), EP208E (Cooler 9), EP208G (Cooler 11), EP208J (Cooler 14), EP208K (Cooler 15), or EP208L (Cooler 16). The compliance test results from that test shall be considered representative for the other listed emission points. If the tested emission point indicates non-compliance, the facility will be considered in violation of the emission limits set for the other emission points, or they may be tested independently to verify compliance.

The owner of this equipment or the owner's authorized agent shall provide written notice to the Director, not less than 30 days before a required stack test or performance evaluation of a continuous emission monitor. Results of the test shall be submitted in writing to the Director in the form of a comprehensive report within 6 weeks of completion of the testing.
567 IAC 25.1(7)

Authority for Requirement – 567 IAC 24.108(3) (All)

Iowa Department of Natural Resources

Draft Title V Operating Permit Fact Sheet

This document has been prepared to fulfill the public participation requirements of 40 CFR Part 70 and 567 Iowa Administrative Code (IAC) 24.107(6). 40 CFR Part 70 contains operating permit regulations pursuant to Title V of the Clean Air Act.

The Iowa Department of Natural Resources (DNR) finds that:

1. Diamond V Mills, LLC, located at 2575 60th Ave SW, Cedar Rapids, IA has applied for a Title V Operating Permit. The designated responsible official of this facility is Douglas Paulson.
2. Diamond V Mills, LLC is an animal feed additive manufacturing facility. This facility consists of 167 emission units with potential emissions of:

Pollutant	Abbreviation	Potential Emissions (Tons per Year)
Particulate Matter ($\leq 2.5 \mu\text{m}$)	PM _{2.5}	21.90
Particulate Matter ($\leq 10 \mu\text{m}$)	PM ₁₀	91.99
Particulate Matter	PM	97.97
Sulfur Dioxide	SO ₂	0.32
Nitrogen Oxides	NO _x	53.26
Volatile Organic Compounds	VOC	245
Carbon Monoxide	CO	44.74
Lead	Lead	0.00
Hazardous Air Pollutants ⁽¹⁾	HAP	9.4 (single) / 24.4 (total)

⁽¹⁾ May include the following: acetaldehyde, formaldehyde, hexane, and other individual HAP emitted as byproducts from combustion of natural gas.

3. Diamond V Mills, LLC submitted a Title V Operating Permit application on November 24, 2025 and any additional information describing the facility on June 12, 2026. Based on the information provided in these documents, DNR has made an initial determination that the facility meets all the applicable criteria for the issuance of an operating permit specified in 567 IAC 24.107.
4. DNR has complied with the procedures set forth in 567 IAC 24.107, including those regarding public notice, opportunity for public hearing, and notification of EPA and surrounding state and local air pollution programs.

DNR procedures for reaching a final decision on the draft permit:

1. The public comment period for the draft permit will run from September 10, 2026 through October 9, 2026. During the public comment period, anyone may submit written comments on the permit. Mail signed comments to Tony Daugherty at the Linn County address shown below. The beginning date of this public comment period also serves as the beginning of the U.S. Environmental Protection Agency's (EPA) 45-day review period, provided the EPA does not seek a separate review period.
2. Written requests for a public hearing concerning the permit may also be submitted during the comment period. Any hearing request must state the person's interest in the subject matter, and the nature of the issues proposed to be raised at the hearing. DNR will hold a public hearing upon finding, on the basis of requests, a significant degree of relevant public interest in a draft permit. Mail hearing requests to Tony Daugherty at the Linn County address shown below.
3. DNR will keep a record of the issues raised during the public participation process, and will prepare written responses to all comments received. The comments and responses will be compiled into a responsiveness summary document. After the close of the public comment period, DNR will make a final decision on the permit application. The responsiveness summary and the final permit will be available to the public upon request.

Tony Daugherty
Linn County Public Health
Air Quality Division
1020 6th Street SE
Cedar Rapids, IA 52401
Phone: (319) 892-6013
E-mail: Anthony.Daugherty@linncountyiowa.gov

DNR concludes that:

1. DNR has authority under 455B.133 Code of Iowa to promulgate rules contained in 567 IAC Chapters 21-33, including, but not limited to, rules containing emission limits, providing for compliance schedules, compliance determination methods and issuance of permits.
2. DNR has the authority to issue operating permits for air contaminant sources and to include conditions in such permits under 455B.134 Code of Iowa.
3. The emission limits included in this permit are authorized by 455B.133 Code of Iowa and 567 IAC Chapters 21-33.
4. DNR is required to comply with 567 IAC Chapter 24 in conjunction with issuing a Title V Operating Permit.
5. The issuance of this permit does not preclude the DNR from pursuing enforcement action for any violation.

Permit Reviewer Notes
For the issuance of Diamond V Mills, LLC **Initial** Title V Operating Permit

Permitting Authority

Iowa Department of Natural Resources
Air Quality Bureau
6200 Park Ave, Suite 200
Des Moines, IA 50321

Applicant

Diamond V Mills, LLC
2575 60th Avenue SW
Cedar Rapids, IA 52404

EIQ#: 92-7025

Facility File Number: 57-01-237

Permit Writer

Anthony J. Daugherty
Senior Air Quality Scientist
Linn County Public Health
Air Quality Division
1020 6th Street SE
Cedar Rapids, IA 52401

Process Description and SIC/NAICS Codes

NAICS Description: Other Animal Feed Food Manufacturing

Principal NAICS Code: 311119

SIC Description: Prepared Feed and Feed Ingredients for Animals and Fowls, Except Dogs and Cats

Principal SIC Code: 2048

Attainment Status

Diamond V Mills, LLC operates in Cedar Rapids in Linn County, Iowa. The attainment status for this location is provided below. Areas classified as attainment are those that meet all ambient air quality standards for a designated criteria pollutant. Visit EPA's [SIP Status Tools](#) website for the current status of any areas in Iowa designated as nonattainment.

Table 1 - Attainment Status

Pollutant	Averaging Period	Attainment Status
PM ₁₀ (150 µg/m ³)	24-hour	Attainment
PM _{2.5} (12.0 µg/m ³)	Annual	Attainment
PM _{2.5} (35 µg/m ³)	24-hour	Attainment
Ozone (0.070 ppm)	8-hour	Attainment
SO ₂ (75 ppb)	1-hour	Attainment
SO ₂ (1,300 µg/m ³) (0.5 ppm)	3-hour	Attainment
CO (10 mg/m ³) (9 ppm)	8-hour	Attainment
CO (40 mg/m ³) (35 ppm)	1-hour	Attainment
NO ₂ (100 µg/m ³) (0.053 ppm)	Annual	Attainment
NO ₂ (100 ppb)	1-hour	Attainment
Lead (0.15 µg/m ³)	Rolling 3-Month Average	Attainment

Facility Compliance Status

The facilities are currently in compliance with all applicable federal, state and local air pollution regulations.

Background

Diamond V Mills, LLC has applied for a Part 70 Title V Operating Permit. The facility is an animal feed additive manufacturing facility. The facility consists of 26 insignificant emission units and 167 significant emission units.

Table 2 - Facility Contacts

Diamond V Mills, LLC Facility Contact	Diamond V Mills, LLC Responsible Official ¹
Matt Scherbring EH&S Manager	Douglas Paulson BOSC Director
2575 60 th Avenue SW Cedar Rapids, IA 52404	2575 60 th Avenue SW Cedar Rapids, IA 52404
(319) 866-7614 matt_scherbring@diamondv.com	(319) 866-7693 dpaulson@diamondv.com

¹ Individual listed meets the requirements outlined in 567 IAC 24.100.

The company submitted its initial application on November 24, 2025. Additional information was received on June 12, 2026.

Regulatory Status

The facility is defined as a major source according to 567 IAC 24.100 and LCO Sec. 10-55 for the pollutants checked below. The table below identifies the pollutants major for Title V that are emitted from the Diamond V Mills, LLC facility.

Table 3 - Regulatory Status

Pollutant	Major for Title V?	Potential to Emit (tons per year)
PM _{2.5}	☐	21.90
PM ₁₀	☐	91.99
SO ₂	☐	0.32
NO _x	☐	53.26
VOC	☒	245
CO	☐	44.74
Lead	☐	0.00
Individual HAP	☐	9.4
Total HAPs	☐	24.4

General Facility Requirements

[NSPS \(40 CFR Part 60\)](#)

Table 4 - NSPS (40 CFR Part 60)

NSPS Subpart	Affected Emission Unit(s)
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[NESHAP \(40 CFR Part 61\)](#)

Table 5 - NESHAP (40 CFR Part 61)

NESHAP Subpart	Affected Emission Unit(s)
M – Asbestos	Entire Facility – Demolition and Renovation Projects

[NESHAP \(40 CFR Part 63\)](#)

The facility is classified as an 'area' source of hazardous air pollutants. This facility has the potential to emit less than 10 tons per year of a single HAP and less than 25 tons per year of total combined HAP.

Table 6 - NESHAP (40 CFR Part 63)

NESHAP Subpart	Affected Emission Unit(s)
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The two small boilers are of the source category for Subpart JJJJJJ (National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources; 40 CFR §63.11193 – §63.11237). However, the boilers are not subject because they are classified as gas-fired boilers and are exempt pursuant to 40 CFR §63.11195(e).

The facility is of the source category for Subpart DDDDDDD (National Emission Standards for Hazardous Air Pollutants Area Source Standards for Prepared Feeds Manufacturing; 40 CFR §63.11619 – §63.11627). However, the facility is not subject because it does not meet the applicability criteria specified in 40 CFR §63.11619. Specifically, materials containing chromium or manganese are not used.

[PSD \(40 CFR Part 52.21\)](#)

A source that is one of the 28 listed source categories is classified as a major stationary source for the NSR permit program if the potential-to-emit (PTE) is greater than 100 tons per year of any one of the pollutants regulated by the Clean Air Act (CAA). In addition, fugitive emissions, to the extent quantifiable, are considered the major source applicability determination.

If a source is not one of the 28 listed source categories, then it is classified as a major stationary source for both the NSR and Title V permit programs if the PTE is greater than 250 tons per year of any one of the pollutants regulated by the CAA. In addition, fugitive emissions are not considered in the major source applicability determination except for stationary source categories which were being regulated under Section 111 (NSPS) or 112 (NESHAP) of the Clean Air Act as of August 7, 1980.

Diamond V Mills, LLC is not one of the 28 listed source categories, and no single pollutant has a PTE greater than 250 tons per year. Diamond V Mills, LLC is not subject to PSD.

[112\(r\) \(40 CFR Part 68\)](#)

The facility is NOT subject to 112r requirements since it does not meet the applicability criteria listed below. A plant, factory, or other facility is subject to the provisions of Section 313 if it meets all three of the following criteria:

- 1) It is included in Standard Industrial Classification (SIC) code of 20; and
- 2) It has 10 or more full-time employees; and
- 3) It manufactures, imports, processes, or otherwise uses any of the EPCRA section 313 chemicals listed greater than the "threshold" quantity.

[NAAQS \(40 CFR Part 50\)](#)

The facility is in an attainment area. Modeling is not required as part of the Title V permit review process, however it has previously demonstrated attainment with the 24-hour PM₁₀ NAAQS, 24-hour and annual PM_{2.5} NAAQS.

Title IV (40 CFR Part 72)

The facility is not subject to the Acid Rain Program.

Stratospheric Ozone (40 CFR Part 82)

The facility is subject to the Stratospheric Ozone requirements (1990 Clean Air Act, as amended, Sections 601-618).

CAM (40 CFR Part 64)

The following emission units meet CAM applicability requirements for one or more pollutants. However, these emission units are not subject to CAM applicability requirements since this is Diamond V's initial Title V application.

Table 7 – CAM Applicable EUs

EP	EU ID	EU Description
207A	207A-EU1	Dryer 5
	207A-EU3	Dryer 6
207B	207B-EU1	Dryer 7
	207B-EU3	Dryer 8
207C	207C-EU1	Dryer 9
	207C-EU3	Dryer 10
207D	207D-EU1	Dryer 11
	207D-EU3	Dryer 12
207E	207E-EU1	Dryer 14
207F	207F-EU1	Dryer 15
	207F-EU3	Dryer 16
213A	213A-EU1	Spray Dryer

Note: The application indicated the following emission units would be subject to CAM (PM or PM and PM₁₉) for the renewal: 203A-EU1, 203B-EU1, 203C-EU1, 208J1-EU1, 2088K-EU1, 208L-EU1.

The discrepancy lies in the emission factor used when calculating potential emissions and how that compares to the uncontrolled emission rate. The applicant conservatively used the permitted emission rate as the emission factor in lieu of using the 95% confidence interval from a stack test or using established emission factors in AP-42 to then back calculate the uncontrolled emission rate.

Agency O&M Plans Summary

The following emission unit(s) are subject to Agency O&M requirements:

Table 8 - Agency O&M Plans

EP	EU ID	EU Description
		No emission units are subject to an Agency O&M Plan

Facility O&M Plans Summary

The following emission unit(s) are subject to Facility O&M requirements:

Table 9 - Facility O&M Plans

EP	EU ID	EU Description
207A	207A-EU1	Dryer 5
	207A-EU3	Dryer 6
207B	207B-EU1	Dryer 7
	207B-EU3	Dryer 8
207C	207C-EU1	Dryer 9
	207C-EU3	Dryer 10
207D	207D-EU1	Dryer 11
	207D-EU3	Dryer 12
207E	207E-EU3	Dryer 14
207F	207F-EU1	Dryer 15
	207F-EU3	Dryer 16
208A	208A-EU1	Cooler 5
208B	208B-EU1	Cooler 6
208C	208C-EU1	Cooler 7
208E	208E-EU1	Cooler 9
208G	208G-EU1	Cooler 11
208J	208J-EU1	Cooler 14
208K	208K-EU1	Cooler 15
208L	208L-EU1	Cooler 16
213A	213A-EU1	Spray Dryer

Note: The emission units in Table 9 will not be required to develop a Facility O&M plan as these units meet the criteria established in 40 CFR §70.6(a)(3)(i)(b):

Where the applicable requirement does not require periodic testing or instrumental or noninstrumental monitoring (which may consist of recordkeeping designed to serve as monitoring), periodic monitoring sufficient to yield reliable data from the relevant time period that are representative of the source's compliance with the permit, as reported pursuant to paragraph (a)(3)(iii) of this section. Such monitoring requirements shall assure use of terms, test methods, units, averaging periods, and other statistical conventions consistent with the applicable requirement. Recordkeeping provisions may be sufficient to meet the requirements of this paragraph (a)(3)(i)(B) of this section;

General Comments

A spreadsheet titled "7025calcs" has been developed which contains most of the information used to base decisions relevant to the issuance of this renewal Title V permit. These reviewer notes are intended to supplement the information contained in this spreadsheet. This spreadsheet includes the following tabs:

EU INFO - Identifies each emission point, emission unit, control equipment, continuous monitoring system (if applicable), rated capacity, and permit numbers.

PTE-CALCS – Includes PTE-Rule, PTE-EF, and PTE-Uncontrolled emissions calculations. Details on all three are as follows:

PTE-Rule: Includes calculations of potential emissions based on the following local, state or federal regulations (as applicable): Linn County Code of Ordinances, Iowa Administrative Code, and Code of Federal Regulations. In addition, the emissions are based on construction/operating (ATI/PTO) permit allowables, or by calculating the emission rate based on the equipment's rated capacity and published emission factors where no emission limit for a pollutant subject to regulation is listed and there is not an applicable Federal, State or Local regulation limiting the potential emissions. Lastly, the potential emissions may be based on a consent agreement or administrative order.

PTE-EF: Includes calculations of potential emissions using published emission factors from webfire, AP-42, site-specific stack test data, or engineering estimates.

PTE-UNCONTROLLED – Includes calculations of uncontrolled potential emissions to determine which sources are major, significant or minor by estimating emissions pre-control for proposed monitoring requirements pursuant to DNR's periodic monitoring guidance.

2025 ACTUALS - Summarizes the amount of emissions emitted from the facility in calendar year 2025.

Source Tests - Summarizes all the sources and pollutants tested. This supports the emission factors used in the "PTE-EF" tab.

Monitoring - Identifies which sources are subject to Compliance Assurance Monitoring (CAM), an Agency or Facility O&M plan and which have opacity monitoring associated with them.

Form 1.3 - Summarizes the insignificant activities listed in Form 1.3 of the permittee's application.

PTE-GHG – Summarizes the facility's carbon footprint.

Milestones – Important dates related to the application, permit review and issuance.

Dispersion Modeling Info – Facility EP info for dispersion modeling analyses.

Opacity Monitoring

The "Monitoring" tab also identifies which sources require opacity monitoring. Weekly opacity monitoring is required on particulate-emitting sources at this facility because the opacity limit in Linn County is 20%, which is less than the state limit of 40%. The facility requested the no visible emissions action level instead of the Method 9 readings for all units in this initial Title V operating permit. It is noted that the construction permits require opacity monitoring on a weekly basis.

On May 30, 2026, Linn County's amended Code of Ordinances became effective. Since that date, the construction permits for the EPs in red below in Table 10 were modified to align facility-wide VOC and HAP emission limits and associated monitoring and recordkeeping requirements. This also allowed the Department to incorporate the current opacity limit of 40%. For this reason, the sources in red are not subject to the Title V Operating Permit Opacity Monitoring requirements. However, these sources are still subject to the 'no visible emissions' monitoring requirements established in the Linn County construction permits.

The sources which require opacity monitoring are listed in Table 10.

Table 10 - Opacity Monitoring Table

Emission Point											
201C	203E	203H	207A	207B	207C	207D	207E	207F	208A	208B	208B1
208C	208E	208G	208J	208K	208L	213A	214A	219A	219B	220A	--

Weekly opacity monitoring is required on particulate-emitting sources at this facility because the opacity limit in Linn County is 20%, which is less than the state limit of 40%.

Monitoring (Source Testing) Determination Basis:

For purposes of this renewal permit to determine which sources and the total number of sources to be tested the following criteria were considered:

- 1) Has the source already been tested?
- 2) How recently was the source tested?
- 3) Are the potential controlled emissions (based on the approved emission factor) from the source in excess of 1 ton/year?
- 4) Is the source subject to a CAM plan?
- 5) Is the source already subject to a Federal Regulation such as an NSPS or NESHAP?
- 6) What is the current permitted emission allowable and how close to that allowable are actual emissions?
- 7) What are DNR's Periodic Monitoring Guidance guidelines?

It should be noted that only because the afore-mentioned criteria was selected in determining which sources should potentially be tested for the purposes of this renewal, the Department maintains the authority to require source testing of other sources pursuant to DNR's periodic monitoring guidance, the IAC and LCO at the

Department's discretion for future renewals. Furthermore, the Department maintains the authority to require testing of existing equipment pursuant to LCO Sec. 10-70(e)(2)(b). Specifically, LCO Sec. 10-70(e)(2)(b) states:

"The Air Pollution Control Officer may require the owner or the operator's authorized agent to conduct an emission test on any equipment if the Air Pollution Control Officer has reason to believe that the equipment does not comply with the applicable requirements. Grounds for requiring such a demonstration for compliance include a modification of control or process equipment, age of equipment, or observation of opacities or other parameters outside the range of those indicative of properly maintained and operated equipment. Testing may be required as necessary to determine actual emissions from a source where that source is believed to have a significant impact on the public health or ambient air quality of an area. The Air Pollution Control Officer shall provide the owner or agent not less than 30 days to perform the compliance demonstration and shall provide written notice of the requirement."

PM/PM₁₀

One hundred thirty-seven emission units have the potential to emit PM and PM₁₀. Most of the sources have well established EPA emission factors and the uncontrolled emissions are negligible. The largest emitting emission units are the dryers.

PM_{2.5}

One hundred thirty-seven emission units have the potential to emit PM_{2.5}. Currently there are no PM_{2.5} emission limits in any of the affected PM_{2.5}-emitting sources air permits. PM_{2.5} testing of any source will not be required in this permit.

SO₂

There are no emission units present at the facility that have a maximum heat input > 10 MMBtu/hr. Potential SO₂ emissions from these emission units are insignificant therefore no SO₂ source tests will be required.

NO_x

There are no emission units present at the facility that have a maximum heat input > 10 MMBtu/hr. Potential NO_x emissions from these emission units are insignificant therefore no NO_x source tests will be required.

CO

There are no emission units present at the facility that have a maximum heat input > 10 MMBtu/hr. Potential CO emissions from these emission units are insignificant therefore no CO source tests will be required.

VOC

Nineteen emission units have the potential to emit VOC. Diamond V conducted engineering and compliance stack tests for each of the products dried and has well established emission factors for the VOC emitted from the drying of these products. Since these tests were completed in 2025 on dryers, VOC testing of any dryer will not be required in this permit. Potential VOC emissions are emitted from the pneumatic transfer system emission unit associated with the spray dryer system, with the last test completed in 2017. Potential VOC emissions are negligible from the other pneumatic transfer systems associated with the other dryers as these units follow the coolers. The product at this stage is near ambient temperature. Potential VOC emissions are emitted from the coolers, with the last compliance test completed in 2012. A representative VOC test will be required on one of the coolers. The renewal permit will revisit requiring testing VOC emissions of each of the products produced.

HAP

Nineteen emission units have the potential to emit HAP. Diamond V conducted engineering and compliance stack tests for each of the products dried and has well established emission factors for the HAP emitted from the drying of these products. Since these tests were completed in 2025 on dryers, HAP testing on any dryer will not be required in this permit. Potential HAP emissions are emitted from the pneumatic transfer system emission unit associated with the spray dryer system, with the last test completed in 2017. Potential HAP emissions are negligible from the other pneumatic transfer systems associated with the other dryers as these

units follow the coolers. The product at this stage is near ambient temperature. Potential HAP emissions are emitted from the coolers, with the last compliance test completed in 2012. A representative HAP test will be required on one of the coolers. The renewal permit will revisit requiring testing HAP emissions of each of the products produced.

Pollutant Testing Summary

A total number of 5 one-time tests (per the duration of this initial permit) will be required in the issuance of this renewal Title V operating permit.

Table 11 - Pollutant Testing Summary

EP	EU Description	Pollutant	Compliance Methodology	Completion Deadline	Test Method
203A	Pneumatic Grain Transfer	PM	Stack Test	w/in 3 years of issuance	40 CFR 60, Appendix A, Method 5 40 CFR 51, Appendix M Method 202
203B	Hammermill 2	PM	Stack Test	w/in 3 years of issuance	40 CFR 60, Appendix A, Method 5 40 CFR 51, Appendix M Method 202
Multiple	Dryer ^{1,2}	PM	Stack Test	w/in 3 years of issuance	40 CFR 60, Appendix A, Method 5 40 CFR 51, Appendix M Method 202
Multiple	Cooler ^{3,4}	VOC	Stack Test	w/in 3 years of issuance	40 CFR 63, Appendix A, Method 320 or 40 CFR 60, Appendix A, Method 18
Multiple	Cooler ^{3,4}	HAP	Stack Test	w/in 3 years of issuance	40 CFR 63, Appendix A, Method 320 or 40 CFR 60, Appendix A, Method 18

¹ The owner or operator shall either conduct representative compliance testing for EP207A (Dryers 5/6), EP207B (Dryers 7/8), EP207C (Dryers 9/10), EP207D (Dryers 11/12), or EP207F (Dryers 15/16) or conduct compliance testing on all five (5) emission points.

² If the owner or operator decides to conduct representative compliance testing, it shall conduct testing on one (1) of the of the following emission points: EP207A (Dryers 5/6), EP207B (Dryers 7/8), EP207C (Dryers 9/10), EP207D (Dryers 11/12), or EP207F (Dryers 15/16). The compliance test results from that test shall be considered representative for the other listed emission points. If the tested emission point indicates non-compliance, the facility will be considered in violation of the emission limits set for the other emission points, or they may be tested independently to verify compliance.

³ The owner or operator shall either conduct representative compliance testing for EP208A (Cooler 5), EP208B (Cooler 6), EP208C (Cooler 7), EP208E (Cooler 9), EP208G (Cooler 11), EP208J (Cooler 14), EP208K (Cooler 15), or EP208L (Cooler 16) or conduct compliance testing on all eight (8) emission points.

⁴ If the owner or operator decides to conduct representative compliance testing, it shall conduct testing on one (1) of the following emission points: EP208A (Cooler 5), EP208B (Cooler 6), EP208C (Cooler 7), EP208E (Cooler 9), EP208G (Cooler 11), EP208J (Cooler 14), EP208K (Cooler 15), or EP208L (Cooler 16). The compliance test results from that test shall be considered representative for the other listed emission points. If the tested emission point indicates non-compliance, the facility will be considered in violation of the emission limits set for the other emission points, or they may be tested independently to verify compliance.

Actual Emissions

All emission factors for the 2025 EIQ were reviewed. The emission factors used are from source test data, [webfire](#), and [AP-42](#). Chapter 9.13.4 of AP-42 lists approximately 20% of total VOC emissions from yeast propagation as acetaldehyde. Diamond V assumes acetaldehyde emissions to be 21% of the total VOC emissions.

EU Info

DIAMOND V MILLS, LLC																
EIQ# 92-7025		Facility# 57-01-237														
EP ID	EU ID	Emission Unit Description	CE ID	CE Description	Temp (°F)	ACFM	SCFM	ATI	PTO	PTO Issuance Date	Raw Material	SCC	Rated Capacity	Capacity Units	Operating Limits	Operating Limits Units
													FACILITYWIDE TOTALS:			
201A	201A-EU1	201A Receiving Pit 1 Drag Conveyor	--	Indoor (uncontrolled)	70			--	--	--	Grain	30200552	75	ton/hour		
201B	201B-EU1	201B Receiving Pit 2 Drag Conveyor	--	Indoor (uncontrolled)	70			--	--	--	Grain	30200802	75	ton/hour		
201C	201C-EU1	201C Receiving Pit 101 Drag Conveyor	201C-CE1	Baghouse	68	13,000	5,000	7273	7066	07/07/2020	Grain	30200802	50	ton/hour		
202A	202A-EU1	202A Grain Transfer to Day Bin 1	202A-CE1	Bin Vent Filter	70			7125	6855	06/04/2018	Grain	30200530	75	ton/hour		
202B	202B-EU1	202B Grain Transfer to Day Bin 2	202B-CE1	Bin Vent Filter	70			7126	6856	06/04/2018	Grain	30200530	75	ton/hour		
202C	202C-EU1	202C Grain Transfer to Day Bin 3	202C-CE1	Bin Vent Filter	70			7127	6857	06/04/2018	Grain	30200530	75	ton/hour		
202D	202D-EU1	202D Grain Transfer to Day Bin 4	202D-CE1	Bin Vent Filter	70			7128	6858	06/04/2018	Grain	30200530	75	ton/hour		
202E	202E-EU1	202E Grain Transfer to Day Bin 5	202E-CE1	Bin Vent Filter	70			7129	6859	06/04/2018	Grain	30200530	75	ton/hour		
202F	202F-EU1	202F Grain Transfer to Day Bin 6	202F-CE1	Bin Vent Filter	70			7130	6860	06/04/2018	Grain	30200530	75	ton/hour		
202G	202G-EU1	202G Grain Transfer to Day Bin 7	202G-CE1	Bin Vent Filter	70			7131	6861	06/04/2018	Grain	30200530	75	ton/hour		
202H	202H-EU1	202H Grain Transfer to Day Bin 8	202H-CE1	Bin Vent Filter	70			7132	6862	06/04/2018	Grain	30200530	75	ton/hour		
203A	203A-EU1	203A Pneumatic Grain Transfer	203A-CE1 203A-CE2 203A-CE3 203A-CE4	Cyclone Cyclone Baghouse Cyclone	68		2,850	7133	6863	06/04/2018	Grain	30200530	30	ton/hour		
203B	203B-EU1	203B Hammermill 2	203B-CE1	Cartridge Filters	70		6,740	7134	6864	06/04/2018	Grain	30200817	50	ton/hour		
203C	203C-EU1	203C Hammermill 3	203C-CE1	Baghouse	70		6,240	7170	7091	07/07/2020	Grain	30200817	50	ton/hour		
203D	203D-EU1	203D Tunnel Hammermill 155	203D-CE1	Baghouse	70		4,000	7171	7092	07/07/2020	Grain	30200817	25	ton/hour		
203E	203E-EU1	203E Pneumatic Feed Transfer from Hammermill 155	203E-CE1	Baghouse	68		4,212	7172	7093-R2	07/09/2026	Grain	30200817	25	ton/hour		
203H	203H-EU1	203H FP Pneumatic Transfer 2	203H-CE1	Filter Receiver	70		4,000	7274	7067-R2	07/09/2026	Feed	30200530	20	ton/hour		
204A	204A-EU1	204A Batching Bins 1-16	204A-CE1	Bin Vent Filter	70			7135	6865	06/04/2018	Grain	30200540	30	ton/hour		
204B	204B-EU1	204B Batching Bins 17-32	204B-CE1	Bin Vent Filter	70			7136	6866	06/04/2018	Grain	30200540	30	ton/hour		
204C	204C-EU1	204C Batching Bins 33-48	204C-CE1	Bin Vent Filter	70			7137	6867	06/04/2018	Grain	30200540	30	ton/hour		
204D	204D-EU1	204D Batching Bins 49-64	204D-CE1	Bin Vent Filter	70			7138	6868	06/04/2018	Grain	30200540	30	ton/hour		
204E	204E-EU1	204E Batching Bins BB101	204E-CE1	Bin Vent Filter	70			7311	7068	01/09/2020	Grain	30200540	50	ton/hour		
204E2	204E2-EU1	204E2 Batching Bin BB102	204E2-CE1	Bin Vent Filter	70			7465	7231	03/12/2021	Grain	30200540	50	ton/hour		
204E3	204E3-EU1	204E3 Batchin Bin BB103	204E3-CE1	Bin Vent Filter	70			7466	7232	03/12/2021	Grain	30200540	50	ton/hour		
204E4	204E4-EU1	204E4 Batching Bin BB104	204E4-CE1	Bin Vent Filter	70			7467	7233	03/12/2021	Grain	30200540	50	ton/hour		
204E5	204E5-EU1	204E5 Batching Bin BB105	204E5-CE1	Bin Vent Filter	70			7468	7234	03/12/2021	Grain	30200540	50	ton/hour		
204E6	204E6-EU1	204E6 Batching Bin BB106	204E6-CE1	Bin Vent Filter	70			7469	7235	03/12/2021	Grain	30200540	50	ton/hour		
204E7	204E7-EU1	204E7 Batching Bin BB107	204E7-CE1	Bin Vent Filter	70			7470	7236	03/12/2021	Grain	30200540	50	ton/hour		
204E8	204E8-EU1	204E8 Batching Bin BB108	204E8-CE1	Bin Vent Filter	70			7471	7237	03/12/2021	Grain	30200540	50	ton/hour		
204E9	204E9-EU1	204E9 Batching Bin BB109	204E9-CE1	Bin Vent Filter	50			7472	7238	03/12/2021	Grain	30200540	50	ton/hour		
204E10	204E10-EU1	204E10 Batching Bin BB110	204E10-CE1	Bin Vent Filter	50			7473	7239	03/12/2021	Grain	30200540	50	ton/hour		
204E11	204E11-EU1	204E11 Batching Bin BB111	204E11-CE1	Bin Vent Filter	70			7474	7240	03/12/2021	Grain	30200540	50	ton/hour		
204E12	204E12-EU1	204E12 Batching Bin BB112	204E12-CE1	Bin Vent Filter	70			7475	7241	03/12/2021	Grain	30200540	50	ton/hour		
204G	204G-EU1	204G Batching Bins BB113	204G-CE1	Bin Vent Filter	70			7312	7094	07/07/2020	Grain	30200540	50	ton/hour		
204G2	204G2-EU1	204G2 Batching Bin BB114	204G2-CE1	Bin Vent Filter	70			7476	7242	03/12/2021	Grain	30200540	50	ton/hour		
204G3	204G3-EU1	204G3 Batching Bin BB115	204G3-CE1	Bin Vent Filter	70			7477	7243	03/12/2021	Grain	30200540	50	ton/hour		
204G4	204G4-EU1	204G4 Batching Bin BB116	204G4-CE1	Bin Vent Filter	70			7478	7244	03/12/2021	Grain	30200540	50	ton/hour		
204G5	204G5-EU1	204G5 Batching Bin BB117	204G5-CE1	Bin Vent Filter	70			7479	7245	03/12/2021	Grain	30200540	50	ton/hour		
204G6	204G6-EU1	204G6 Batching Bin BB118	204G6-CE1	Bin Vent Filter	70			7480	7246	03/12/2021	Grain	30200540	50	ton/hour		
204G7	204G7-EU1	204G7 Batching Bin BB119	204G7-CE1	Bin Vent Filter	70			7481	7247	03/12/2021	Grain	30200540	50	ton/hour		
204G8	204G8-EU1	204G8 Batching Bin BB120	204G8-CE1	Bin Vent Filter	70			7482	7248	03/12/2021	Grain	30200540	50	ton/hour		
204H	204H-EU1	204H Day Bin DB101	204H-CE1	Bin Vent Filter	70			7276	7069	01/09/2020	Grain	30200540	6	ton/hour		
204H1	204H1-EU1	204H1 Batching Bin BB121	204H1-CE1	Bin Vent Filter	70			7505	7327	12/29/2021	Grain	30200540	50	ton/hour		
204H2	204H2-EU1	204H2 Batching Bin BB122	204H2-CE1	Bin Vent Filter	70			7506	7328	12/29/2021	Grain	30200540	50	ton/hour		
204H3	204H3-EU1	204H3 Batching Bin BB123	204H3-CE1	Bin Vent Filter	70			7507	7329	12/29/2021	Grain	30200540	50	ton/hour		
204H4	204H4-EU1	204H4 Batching Bin BB124	204H4-CE1	Bin Vent Filter	70			7508	7330	12/29/2021	Grain	30200540	50	ton/hour		
204H5	204H5-EU1	204H5 Batching Bin BB125	204H5-CE1	Bin Vent Filter	70			7509	7331	12/29/2021	Grain	30200540	50	ton/hour		
204H6	204H6-EU1	204H6 Batching Bin BB126	204H6-CE1	Bin Vent Filter	70			7510	7332	12/29/2021	Grain	30200540	50	ton/hour		
204H7	204H7-EU1	204H7 Batching Bin BB127	204H7-CE1	Bin Vent Filter	70			7511	7333	12/29/2021	Grain	30200540	50	ton/hour		
204H8	204H8-EU1	204H8 Batching Bin BB128	204H8-CE1	Bin Vent Filter	70			7512	7334	12/29/2021	Grain	30200540	50	ton/hour		
204H9	204H9-EU1	204H9 Batching Bin BB129	204H9-CE1	Bin Vent Filter	70			7513	7335	12/29/2021	Grain	30200540	50	ton/hour		
204H10	204H10-EU1	204H10 Batching Bin BB130	204H10-CE1	Bin Vent Filter	70			7514	7336	12/29/2021	Grain	30200540	50	ton/hour		
204H11	204H11-EU1	204H11 Batching Bin BB131	204H11-CE1	Bin Vent Filter	70			7515	7337	12/29/2021	Grain	30200540	50	ton/hour		

EU Info

DIAMOND V MILLS, LLC																		
EIQ# 92-7025		Facility# 57-01-237																
EP ID	EU ID	Emission Unit Description	CE ID	CE Description	Temp (°F)	ACFM	SCFM	ATI	PTO	PTO Issuance Date	Raw Material	SCC	Rated Capacity	Capacity Units	Operating Limits	Operating Limits Units		
													FACILITYWIDE TOTALS:					
	207B-EU3-1	Yeast Culture	207A-CE3								Natural Gas	10200603	2.8	ton/hour				
	207B-EU3-2	CY1											3.3	ton/hour				
	207B-EU3-3	LB											0.65	ton/hour				
	207B-EU3-5	CY2											1.9	ton/hour				
	207B-EU3-6	CY3											1.2	ton/hour				
	207B-EU4	Dryer 8 Burner											0.005	mmcf/hour				
	207B1	207B1 - Dryer 7 Bypass	207B-CE1	Baghouse	68		9,706	7851	7621-R1	TBD	Natural Gas	10200603	0.006	mmcf/hour	50	hours/year		
207B2	207B2	207B2 - Dryer 8 Bypass	207B-CE2	Baghouse	68		9,706	7852	7622-R1	TBD					50	hours/year		
207C	207C-EU1	Dryer 9	207C-CE1	Baghouse	280		19,254	7825-R2	7595-R1	TBD	Feed	30200930	Various	ton/hour				
	207C-EU1-1	Yeast Culture	207C-CE2								Natural Gas	10200603	2.8	ton/hour				
	207C-EU1-2	CY1											3.3	ton/hour				
	207C-EU1-3	LB											0.65	ton/hour				
	207C-EU1-5	CY2											2.25	ton/hour				
	207C-EU1-6	CY3											1.2	ton/hour				
	207C-EU2	Dryer 9 Burner											0.005	mmcf/hour				
	207C-EU3	Dryer 10		Baghouse							Natural Gas	10200603	Various	ton/hour				
	207C-EU3-1	Yeast Culture											2.8	ton/hour				
	207C-EU3-2	CY1											3.3	ton/hour				
	207C-EU3-3	LB											0.65	ton/hour				
	207C-EU3-5	CY2											2.25	ton/hour				
	207C-EU3-6	CY3											1.2	ton/hour				
	207C-EU4	Dryer 10 Burner											0.005	mmcf/hour				
	207C-EU5	Dryer 9/10 RTO Burner		RTO									0.005	mmcf/hour				
207C1	207C-EU1-4	207C1 - Dryer 9 Bypass	207C-CE1	Baghouse	68		9,627	7853	7623-R1	TBD					50	hours/year		
207C2	207C-EU3-4	207C2 - Dryer 10 Bypass	207C-CE2	Baghouse	68		9,627	7854	7624-R1	TBD					50	hours/year		
207D	207D-EU1	207D - Dryer 11	207D-CE1		280		19,254	7826-R2	7596-R1	TBD	Feed	30200930	Various	ton/hour				
	207D-EU1-1	Yeast Culture	207D-CE2								Natural Gas	10200603	2.8	ton/hour				
	207D-EU1-2	CY1											3.3	ton/hour				
	207D-EU1-3	LB											0.65	ton/hour				
	207D-EU1-5	CY2											1.9	ton/hour				
	207D-EU1-6	CY3											1.2	ton/hour				
	207D-EU2	Dryer 11 Burner											0.005	mmcf/hour				
	207D-EU3	Dryer 12									Natural Gas	10200603	Various	ton/hour				
	207D-EU3-1	Yeast Culture											2.8	ton/hour				
	207D-EU3-2	CY1											3.3	ton/hour				
	207D-EU3-3	LB											0.65	ton/hour				
	207D-EU3-5	CY2											1.9	ton/hour				
	207D-EU3-6	CY3											1.2	ton/hour				
	207D-EU4	Dryer 12 Burner											0.005	mmcf/hour				
	207D-EU5	Dryer 11/12 RTO Burner											0.006	mmcf/hour				
207D1	207D-EU1-4	207D1 - Dryer 11 Bypass	207D-CE1	Baghouse	68		9,627	7855	7625-R1	TBD					50	hours/year		
207D2	207D-EU3-4	207D2 - Dryer 12 Bypass	207D-CE2	Baghouse	68		9,627	7856	7626-R1	TBD					50	hours/year		
207E	207E-EU3	207E - Dryer 14	207E-CE2	Baghouse	250		40,000	7827-R2	7597-R1	TBD	Feed	30200930	Various	ton/hour				
	207E-EU3-1	Yeast Culture	207E-CE3								Natural Gas	10200603	3.6	ton/hour				
	207E-EU3-2	LB											0.65	ton/hour				
	207E-EU3-3	CY1											3.3	ton/hour				
	207E-EU3-5	CY2											2.25	ton/hour				
	207E-EU3-6	CY3											1.2	ton/hour				
	207E-EU4	Dryer 14 Burner											0.008	mmcf/hour				
	207E-EU5	Dryer 14 RTO Burner		RTO									0.0075	mmcf/hour				
207E2	207E-EU3-4	207E2 - Dryer 14 Bypass	207E-CE2	Baghouse	68		20,000	7857	7627-R1	TBD	Natural Gas	10300603			50	hours/year		
	207F-EU1	Dryer 15	207F-CE1	Bagouse	350		40,000	7828-R2	7598-R1	TBD	Feed	30200930	Various	ton/hour				
	207F-EU1-1	Yeast Culture											3.6	ton/hour				
	207F-EU1-2	CY1											3.3	ton/hour				
	207F-EU1-3	LB											0.65	ton/hour				
	207F-EU1-5	CY2											2.25	ton/hour				
	207F-EU1-6	CY3											1.2	ton/hour				

EU Info

DIAMOND V MILLS, LLC																
EIQ# 92-7025		Facility# 57-01-237														
EP ID	EU ID	Emission Unit Description	CE ID	CE Description	Temp (°F)	ACFM	SCFM	ATI	PTO	PTO Issuance Date	Raw Material	SCC	Rated Capacity	Capacity Units	Operating Limits	Operating Limits Units
													FACILITYWIDE TOTALS:			
207F	207F-EU2	Dryer 15 Burner	207F-CE2	Baghouse							Natural Gas	10200603	0.008	mmcf/hour		
	207F-EU3	Dryer 16									Feed	30200930	Various	ton/hour		
	207F-EU3-1	Yeast Culture												3.6	ton/hour	
	207F-EU3-2	CY1												3.3	ton/hour	
	207F-EU3-3	LB												2.25	ton/hour	
	207F-EU3-5	CY2												1.2	ton/hour	
	207F-EU3-6	CY3												0.65	ton/hour	
	207F-EU4	Dryer 16 Burner									Natural Gas	10200603	0.008	mmcf/hour		
	207F-EU5	Dryer 15/16 RTO Burner									Natural Gas	10200603	0.0075	mmcf/hour		
	207F1	207F-EU1-4									207F1 - Dryer 15 Bypass	207F-CE1	Baghouse	68		20,000
207F2	207F-EU3-4	207F2 - Dryer 16 Bypass	207F-CE2	Baghouse	68		20,000	7859	7629-R1	TBD				50	hours/year	
208A	208A-EU1	208A - Cooler 5	208A-CE1	Cartridge Filters	110		2,700	7829	7599-R2	TBD	Feed	30200816	3.6	ton/hour		
	208A-EU1-1	Yeast Culture									3.6	ton/hour				
	208A-EU1-2	CY1									3.6	ton/hour				
	208A-EU1-3	LB									3.6	ton/hour				
	208A-EU1-4	CY2									3.6	ton/hour				
	208A-EU1-5	CY3									3.6	ton/hour				
	208A-EU2	Impact Mill 5									Feed	30200818	3.6	ton/hour		
208B	208B-EU1	208B - Cooler 6	208B-CE1	Cartridge Filters	110		2,700	7830	7600-R2	TBD	Feed	30200816	3.6	ton/hour		
	208B-EU1	Yeast Culture									3.6	ton/hour				
	208B-EU1-2	CY1									3.6	ton/hour				
	208B-EU1-3	LB									3.6	ton/hour				
	208B-EU1-4	CY2									3.6	ton/hour				
	208B-EU1-5	CY3									3.6	ton/hour				
	208B-EU2	Impact Mill 6									Feed	30200818	3.6	ton/hour		
208B1	208B1-EU1	208B1 Pneumatic Transfer from Coolers 6/7	208B1-CE1	Filter Receiver	70		1,400	8540			Grain	30200530	6	ton/hour		
208C	208C-EU1	208C - Cooler 7	208C-CE1	Cartridge Filters	110		2,700	7831	7601-R2	TBD	Feed	30200816	3.8	ton/hour		
	208C-EU1-1	Yeast Culture									3.8	ton/hour				
	208C-EU1-2	CY1									3.8	ton/hour				
	208C-EU1-3	LB									3.8	ton/hour				
	208C-EU1-4	CY2									3.8	ton/hour				
	208C-EU1-5	CY3									3.8	ton/hour				
	208C-EU2	Impact Mill 7									Feed	30200818	3.8	ton/hour		
208E	208E-EU1	208E - Cooler 9	208E-CE1	Cartridge Filters	110		2,700	7832	7602-R2	TBD	Feed	30200816	4.5	ton/hour		
	208E-EU1-1	Yeast Culture									4.5	ton/hour				
	208E-EU1-2	CY1									4.5	ton/hour				
	208E-EU1-3	LB									4.5	ton/hour				
	208E-EU1-4	CY2									4.5	ton/hour				
	208E-EU1-5	CY3									4.5	ton/hour				
	208E-EU2	Impact Mill 9									Feed	30200818	4.5	ton/hour		
208G	208G-EU1	208G - Cooler 11	208G-CE1	Cartridge Filters	110		2,700	7833	7603-R2	TBD	Feed	30200816	3.8	ton/hour		
	208G-EU1-1	Yeast Culture									3.8	ton/hour				
	208G-EU1-2	CY1									3.8	ton/hour				
	208G-EU1-3	LB									3.8	ton/hour				
	208G-EU1-4	CY2									3.8	ton/hour				
	208G-EU1-5	CY3									3.8	ton/hour				
	208G-EU2	Impact Mill 11									Feed	30200818	3.8	ton/hour		
208J	208J-EU1	208J - Cooler 14	208J-CE1	Cartridge Filters	110		3,000	7834	7604-R2	TBD	Feed	30200816	3.6	ton/hour		
	208J-EU1-1	Yeast Culture									3.6	ton/hour				
	208J-EU1-2	LB									3.6	ton/hour				
	208J-EU1-3	CY1									3.6	ton/hour				
	208J-EU1-4	CY2									3.6	ton/hour				
	208J-EU1-5	CY3									3.6	ton/hour				
208J1	208J1-EU1	208J1 - Pneumatic Transfer from Cooler 14	208J1-CE1	Baghouse	68		922	7842	7612	03/03/2025	Feed	30200530	3.6	ton/hour		
208K	208K-EU1	208K - Cooler 15	208K-CE1	Cartridge Filters	110		3,000	7835	7605-R2	TBD	Feed	30200816	3.6	ton/hour		
	208K-EU1-1	Yeast Culture									3.6	ton/hour				
	208K-EU1-2	CY1									3.6	ton/hour				
	208K-EU1-3	LB									3.6	ton/hour				

EU Info

DIAMOND V MILLS, LLC																				
EIQ# 92-7025		Facility# 57-01-237																		
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													FACILITYWIDE TOTALS:							
	208K-EU1-4	CY2																		
	208K-EU1-5	CY3																		
208K1	208K1-EU1	208K1 - Pneumatic Transfer from Cooler 15	208K1-CE1	Baghouse	68		922	7843	7613	03/03/2025	Feed	30200530	3.6	ton/hour						
208L	208L-EU1	208L - Cooler 16	208L-CE1	Cartridge Filters	110		3,000	7836	7606-R2	TBD	Feed	30200816	3.6	ton/hour						
	208L-EU1-1	Yeast Culture																		
	208L-EU1-2	CY1																		
	208L-EU1-3	LB																		
	208L-EU1-4	CY2																		
	208L-EU1-5	CY3																		
208L1	208L1-EU1	208L1 - Pneumatic Transfer from Cooler 16	208L1-CE1	Baghouse	68		922	7844	7614	03/03/2025	Feed	30200816	3.6	ton/hour						
209A	209A-EU1	209A Packaging Line 1	209A-CE1	Baghouse	68		1,500	7154	6884	06/04/2018	Feed	30200803	5.6	ton/hour						
209B	209B-EU1	209B Packaging Line 2	209B-CE1	Baghouse	68		1,500	7155	6885	06/04/2018	Feed	30200803	5.6	ton/hour						
209C	209C-EU1	209C Bulk Bag Filling Station Weigh	209C-CE1	Bin Vent Filter	70			7156	6886	06/04/2018	Feed	30200803	5.6	ton/hour						
209D	209D-EU1	209D Packaging Line 3	209D-CE1	Baghouse	70		1,500	7157	6887	06/04/2018	Feed	30200803	8	ton/hour						
209E	209E-EU1	209E Bulk Bag Filling Station Weigh	209E-CE1	Bin Vent Filter	70			7158	6888	06/04/2018	Feed	30200803	8	ton/hour						
209F	209F-EU1	209F Packaging Line 4	209F-CE1	Baghouse	70		2,400	7159	6889	06/04/2018	Feed	30200803	3.7	ton/hour						
209F2		209F2 Packaging Line 4	209F-CE2	Bin Vent Filter	70			7160	6890	06/04/2018										
209G	209G-EU1	209G Packaging Line 101	209G-CE1	Baghouse	70		2,000	7180	7062	12/06/2019	Feed	30200803	16.5	ton/hour						
209G1	209G1-EU1	209G1 Packaging Bin 101	209G1-CE1	Bin Vent Filter	70			7181	7063	12/06/2019	Feed	30200803	25	ton/hour						
209G2	209G2-EU1	209G2 Packaging Line 101 Weigh Hopper	209G2-CE1	Bin Vent Filter	70			7400	7105	07/07/2020	Feed	30200803	12	ton/hour						
209H	209H-EU1	209H Packaging Line PL102	209H-CE1	Bin Vent Filter	70		1,500	7284	7064	12/06/2019	Feed	30200803	12	ton/hour						
209H1	209H1-EU1	209H1 Packaging Bin PB102	209H1-CE1	Bin Vent Filter	70			7285	7065	12/06/2019	Feed	30200803	20	ton/hour						
209H2	209H2-EU1	209H2 Packaging Line 102	209H2-CE1	Bin Vent Filter	70			7401	7106	07/07/2020	Feed	30200803	12	ton/hour						
209I	209I-EU1	209I Bulk Bag Filling Station SH105	209I-CE1	Bin Vent Filter	70		2,000	7182	7101	07/07/2020	Feed	30200803	5.6	ton/hour						
210A	210A-EU1	Natural Gas Boiler	--	--							Natural Gas	10200603	3.348	mmcf/hour						
210B	210B-EU1	Natural Gas Boiler	--	--							Natural Gas	10200603	3.348	mmcf/hour						
211A	211A-EU1	211A - Tunnel Bin 101	211A-CE1	Bin Vent Filter	70			7845	7615	03/03/2025	Feed	30200540	10.8	ton/hour						
211B	211B-EU1	211B - Tunnel Bin 102	211B-CE1	Bin Vent Filter	70			7846	7616	03/03/2025	Feed	30200540	10.8	ton/hour						
211C	211C-EU1	211C - Tunnel Bin TB103	211C-CE1	Bin Vent Filter	70			7847	7617	03/03/2025	Feed	30200540	10.8	ton/hour						
211D	211D-EU1	211D - Tunnel Bin TB104	211D-CE1	Bin Vent Filter	70			7848	7618	03/03/2025	Feed	30200540	10.8	ton/hour						
212A	212A-EU1	212A Bulk Loadout Conveyor	212A-CE1	Dust Suppression Hoppe	70			7161	6891	06/04/2018	Feed	30200803	80	ton/hour						
213A	213A-EU1	213A - Spray Dryer	213A-CE4	Baghouse	276		24,100	6783-R1	6827-R2	TBD	Feed	30201413	0.48	ton/hour						
	213A-EU2	Spray Dryer Burner									Natural Gas	10200603	0.01	mmcf/hour						
	213A-EU3	Spray Dryer RTO Burner	213A-CE2	RTO							Natural Gas	10200603	0.0096	mmcf/hour						
213A1	213A-EU1	213A1 - Spray Dryer Bypass Stack			68		24,100	7239	6950-R1	TBD					50	hours/year				
214A	214A-EU1	214A SD Pneumatic Conveying	214A-CE1	Cartridge Filters	90		1,076	7262	7090-R2	07/09/2026	Feed	30200530	0.4	ton/hour						
215A	215A-EU1	215A SD Weigh Hopper 1	215A-CE1	Bin Vent Filter	70			7162	6892	06/04/2018	Feed	30200540	1	ton/hour						
216A	216A-EU1	216A CALCIUM CARBONATE Pneumatic Transfer System	216A-CE1	Baghouse	70			7485	7249	03/12/2021	Calcium Carbonate	30200530	1	ton/hour						
218A	218A-EU1	218A Blending Tunnel Bin BTB101	218A-CE1	Cartridge Filters	70			7581	7371	04/05/2022	Feed	30200540	50	ton/hour						
218B	218B-EU1	218B Blending Tunnel Bin BTB102	218B-CE1	Bin Vent Filter	70			7291	7082	01/09/2020	Feed	30200540	50	ton/hour						
218C	218C-EU1	218C Blending Tunnel Bin BTB103	218C-CE1	Bin Vent Filter	70			7292	7083	01/09/2020	Feed	30200540	50	ton/hour						
218D	218D-EU1	218D Blending Tunnel Bin BTB104	218D-CE1	Bin Vent Filter	70			7293	7084	01/09/2020	Feed	30200540	50	ton/hour						
218E	218E-EU1	218E Blending Tunnel Bin BTB105	218E-CE1	Bin Vent Filter	70			7294	7085	01/09/2020	Feed	30200540	50	ton/hour						
218F	218F-EU1	218F Blending Tunnel Bin BTB106	218F-CE1	Bin Vent Filter	70			7295	7086	01/09/2020	Feed	30200540	50	ton/hour						
219A	219A-EU1	219A Loadout Bin LOB101	219A-CE1	Bin Vent Filter	70			7313	7135	07/15/2020	Feed	30200803	50	ton/hour						
219B	219B-EU1	219B Loadout Bin LOB102	219B-CE1	Bin Vent Filter	70			7314	7136	07/15/2020	Feed	30200803	50	ton/hour						
220A	220A-EU1	220A Bulk Loadout	220A-CE1	Bin Vent Filter	70			7315	7137	07/15/2020	Feed	30200803	50	ton/hour						
221A	221A-EU1	221A Bag Break Station BBS-4960	221A-CE1	Bin Vent Filter	70			7573	7348	12/29/2021	Grain	30200803	6	ton/hour						
300A	300A-EU1	300A - YGS Bioreactor 1	--	None	90	1,500	1,445	8030-R1	7716-R1	TBD	Yeast	30200941	0.257	ton/hour	1150	tons				
300B	300B-EU1	300B - YGS Bioreactor 2	--	None	90	1,500	1,445	8031	7717-R1	TBD	Yeast	30200941	0.257	ton/hour	See 300A	See 300A				

PTE-RULE

DIAMOND V MILLS, LLC				8760	hours/year									
EIQ# 92-7025		Facility# 57-01-237		2000	lbs/ton									
						PM								
						PTE-RULE			PTE-EF			PTE-UNCONTROLLED		
EP ID	EU ID	Emission Unit Description	Raw Material	Rated Capacity	Capacity Units	EF	EF Units	TPY	EF	EF Units	TPY	EF	EF Units	TPY
0	0	0	0	0	FACILITYWIDE TOTALS:			97.98			158.56			13371.30
201A	201A-EU1	201A Receiving Pit 1 Drag Conveyor	Grain	75	ton/hour	0.017	lb/ton	5.58	0.017	lb/ton	5.58	0.017	lb/ton	5.58
201B	201B-EU1	201B Receiving Pit 2 Drag Conveyor	Grain	75	ton/hour	0.017	lb/ton	5.58	0.017	lb/ton	5.58	0.017	lb/ton	5.58
201C	201C-EU1	201C Receiving Pit 101 Drag Conveyor	Grain	50	ton/hour	0.21	lb/hr	0.92	0.00017	lb/ton	0.04	0.017	lb/ton	3.72
202A	202A-EU1	202A Grain Transfer to Day Bin 1	Grain	75	ton/hour	0.00061	lb/ton	0.20	0.00061	lb/ton	0.20	4.58	lb/ton	20.04
202B	202B-EU1	202B Grain Transfer to Day Bin 2	Grain	75	ton/hour	0.00061	lb/ton	0.20	0.00061	lb/ton	0.20	4.58	lb/ton	20.04
202C	202C-EU1	202C Grain Transfer to Day Bin 3	Grain	75	ton/hour	0.00061	lb/ton	0.20	0.00061	lb/ton	0.20	4.58	lb/ton	20.04
202D	202D-EU1	202D Grain Transfer to Day Bin 4	Grain	75	ton/hour	0.00061	lb/ton	0.20	0.00061	lb/ton	0.20	4.58	lb/ton	20.04
202E	202E-EU1	202E Grain Transfer to Day Bin 5	Grain	75	ton/hour	0.00061	lb/ton	0.20	0.00061	lb/ton	0.20	4.58	lb/ton	20.04
202F	202F-EU1	202F Grain Transfer to Day Bin 6	Grain	75	ton/hour	0.00061	lb/ton	0.20	0.00061	lb/ton	0.20	4.58	lb/ton	20.04
202G	202G-EU1	202G Grain Transfer to Day Bin 7	Grain	75	ton/hour	0.00061	lb/ton	0.20	0.00061	lb/ton	0.20	4.58	lb/ton	20.04
202H	202H-EU1	202H Grain Transfer to Day Bin 8	Grain	75	ton/hour	0.00061	lb/ton	0.20	0.00061	lb/ton	0.20	4.58	lb/ton	20.04
203A	203A-EU1	203A Pneumatic Grain Transfer	Grain	30	ton/hour	0.5	lb/hr	2.19	0.00061	lb/ton	0.08	1.83	lb/ton	8.02
203B	203B-EU1	203B Hammermill 2	Grain	50	ton/hour	0.6	lb/hr	2.63	0.00	lb/ton	0.03	0.01	lb/ton	2.63
203C	203C-EU1	203C Hammermill 3	Grain	50	ton/hour	0.27	lb/hr	1.18	0.00	lb/ton	0.03	0.01	lb/ton	2.63
203D	203D-EU1	203D Tunnel Hammermill 155	Grain	25	ton/hour	0.17	lb/hr	0.74	0.00	lb/ton	0.01	0.01	lb/ton	1.31
203E	203E-EU1	203E Pneumatic Feed Transfer from Hammermill 155	Grain	25	ton/hour	0.18	lb/hr	0.79	0.00061	lb/ton	0.07	1.53	lb/ton	6.68
203H	203H-EU1	203H FP Pneumatic Transfer 2	Feed	20	ton/hour	0.17	lb/hr	0.74	0.00061	lb/ton	0.05	1.22	lb/ton	5.34
204A	204A-EU1	204A Batching Bins 1-16	Grain	30	ton/hour	0.00025	lb/ton	0.03	0.00025	lb/ton	0.03	0.03	lb/ton	3.29
204B	204B-EU1	204B Batching Bins 17-32	Grain	30	ton/hour	0.00025	lb/ton	0.03	0.00025	lb/ton	0.03	0.03	lb/ton	3.29
204C	204C-EU1	204C Batching Bins 33-48	Grain	30	ton/hour	0.00025	lb/ton	0.03	0.00025	lb/ton	0.03	0.03	lb/ton	3.29
204D	204D-EU1	204D Batching Bins 49-64	Grain	30	ton/hour	0.00025	lb/ton	0.03	0.00025	lb/ton	0.03	0.03	lb/ton	3.29
204E	204E-EU1	204E Batching Bins BB101	Grain	50	ton/hour	0.00025	lb/ton	0.05	0.00025	lb/ton	0.05	0.03	lb/ton	5.48
204E2	204E2-EU1	204E2 Batching Bin BB102	Grain	50	ton/hour	0.00025	lb/ton	0.05	0.00025	lb/ton	0.05	0.03	lb/ton	5.48
204E3	204E3-EU1	204E3 Batchin Bin BB103	Grain	50	ton/hour	0.00025	lb/ton	0.05	0.00025	lb/ton	0.05	0.03	lb/ton	5.48
204E4	204E4-EU1	204E4 Batching Bin BB104	Grain	50	ton/hour	0.00025	lb/ton	0.05	0.00025	lb/ton	0.05	0.03	lb/ton	5.48
204E5	204E5-EU1	204E5 Batching Bin BB105	Grain	50	ton/hour	0.00025	lb/ton	0.05	0.00025	lb/ton	0.05	0.03	lb/ton	5.48
204E6	204E6-EU1	204E6 Batching Bin BB106	Grain	50	ton/hour	0.00025	lb/ton	0.05	0.00025	lb/ton	0.05	0.03	lb/ton	5.48
204E7	204E7-EU1	204E7 Batching Bin BB107	Grain	50	ton/hour	0.00025	lb/ton	0.05	0.00025	lb/ton	0.05	0.03	lb/ton	5.48
204E8	204E8-EU1	204E8 Batching Bin BB108	Grain	50	ton/hour	0.00025	lb/ton	0.05	0.00025	lb/ton	0.05	0.03	lb/ton	5.48
204E9	204E9-EU1	204E9 Batching Bin BB109	Grain	50	ton/hour	0.00025	lb/ton	0.05	0.00025	lb/ton	0.05	0.03	lb/ton	5.48
204E10	204E10-EU1	204E10 Batching Bin BB110	Grain	50	ton/hour	0.00025	lb/ton	0.05	0.00025	lb/ton	0.05	0.03	lb/ton	5.48
204E11	204E11-EU1	204E11 Batching Bin BB111	Grain	50	ton/hour	0.00025	lb/ton	0.05	0.00025	lb/ton	0.05	0.03	lb/ton	5.48
204E12	204E12-EU1	204E12 Batching Bin BB112	Grain	50	ton/hour	0.00025	lb/ton	0.05	0.00025	lb/ton	0.05	0.03	lb/ton	5.48
204G	204G-EU1	204G Batching Bins BB113	Grain	50	ton/hour	0.00025	lb/ton	0.05	0.00025	lb/ton	0.05	0.03	lb/ton	5.48
204G2	204G2-EU1	204G2 Batching Bin BB114	Grain	50	ton/hour	0.00025	lb/ton	0.05	0.00025	lb/ton	0.05	0.03	lb/ton	5.48
204G3	204G3-EU1	204G3 Batching Bin BB115	Grain	50	ton/hour	0.00025	lb/ton	0.05	0.00025	lb/ton	0.05	0.03	lb/ton	5.48
204G4	204G4-EU1	204G4 Batching Bin BB116	Grain	50	ton/hour	0.00025	lb/ton	0.05	0.00025	lb/ton	0.05	0.03	lb/ton	5.48
204G5	204G5-EU1	204G5 Batching Bin BB117	Grain	50	ton/hour	0.00025	lb/ton	0.05	0.00025	lb/ton	0.05	0.03	lb/ton	5.48
204G6	204G6-EU1	204G6 Batching Bin BB118	Grain	50	ton/hour	0.00025	lb/ton	0.05	0.00025	lb/ton	0.05	0.03	lb/ton	5.48
204G7	204G7-EU1	204G7 Batching Bin BB119	Grain	50	ton/hour	0.00025	lb/ton	0.05	0.00025	lb/ton	0.05	0.03	lb/ton	5.48
204G8	204G8-EU1	204G8 Batching Bin BB120	Grain	50	ton/hour	0.00025	lb/ton	0.05	0.00025	lb/ton	0.05	0.03	lb/ton	5.48
204H	204H-EU1	204H Day Bin DB101	Grain	6	ton/hour	0.00025	lb/ton	0.01	0.00025	lb/ton	0.01	0.03	lb/ton	0.66
204H1	204H1-EU1	204H1 Batching Bin BB121	Grain	50	ton/hour	0.00025	lb/ton	0.05	0.00025	lb/ton	0.05	0.03	lb/ton	5.48
204H2	204H2-EU1	204H2 Batching Bin BB122	Grain	50	ton/hour	0.00025	lb/ton	0.05	0.00025	lb/ton	0.05	0.03	lb/ton	5.48
204H3	204H3-EU1	204H3 Batching Bin BB123	Grain	50	ton/hour	0.00025	lb/ton	0.05	0.00025	lb/ton	0.05	0.03	lb/ton	5.48
204H4	204H4-EU1	204H4 Batching Bin BB124	Grain	50	ton/hour	0.00025	lb/ton	0.05	0.00025	lb/ton	0.05	0.03	lb/ton	5.48
204H5	204H5-EU1	204H5 Batching Bin BB125	Grain	50	ton/hour	0.00025	lb/ton	0.05	0.00025	lb/ton	0.05	0.03	lb/ton	5.48
204H6	204H6-EU1	204H6 Batching Bin BB126	Grain	50	ton/hour	0.00025	lb/ton	0.05	0.00025	lb/ton	0.05	0.03	lb/ton	5.48
204H7	204H7-EU1	204H7 Batching Bin BB127	Grain	50	ton/hour	0.00025	lb/ton	0.05	0.00025	lb/ton	0.05	0.03	lb/ton	5.48
204H8	204H8-EU1	204H8 Batching Bin BB128	Grain	50	ton/hour	0.00025	lb/ton	0.05	0.00025	lb/ton	0.05	0.03	lb/ton	5.48
204H9	204H9-EU1	204H9 Batching Bin BB129	Grain	50	ton/hour	0.00025	lb/ton	0.05	0.00025	lb/ton	0.05	0.03	lb/ton	5.48
204H10	204H10-EU1	204H10 Batching Bin BB130	Grain	50	ton/hour	0.00025	lb/ton	0.05	0.00025	lb/ton	0.05	0.03	lb/ton	5.48
204H11	204H11-EU1	204H11 Batching Bin BB131	Grain	50	ton/hour	0.00025	lb/ton	0.05	0.00025	lb/ton	0.05	0.03	lb/ton	5.48

PTE-RULE

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PTE-RULE

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PTE-RULE

DIAMOND V MILLS, LLC				8760	hours/year									
EIQ# 92-7025		Facility# 57-01-237		2000	lbs/ton									
						PM								
						PTE-RULE			PTE-EF			PTE-UNCONTROLLED		
EP ID	EU ID	Emission Unit Description	Raw Material	Rated Capacity	Capacity Units	EF	EF Units	TPY	EF	EF Units	TPY	EF	EF Units	TPY
0	0	0	0	0	FACILITYWIDE TOTALS:			97.98			158.56			13371.30
204H12	204H12-EU1	204H12 Batching Bin BB132	Grain	50	ton/hour	0.00025	lb/ton	0.05	0.00025	lb/ton	0.05	0.03	lb/ton	5.48
204I	204I-EU1	204I Day Bin DB102	Grain	6	ton/hour	0.00025	lb/ton	0.01	0.00025	lb/ton	0.01	0.03	lb/ton	0.66
204J	204J-EU1	204J - Day Bin DB103	Grain	10.8	ton/hour	0.00025	lb/ton	0.01	0.00025	lb/ton	0.01	0.03	lb/ton	1.18
204K	204K-EU1	204K - Day Bin DB104	Grain	10.8	ton/hour	0.00025	lb/ton	0.01	0.00025	lb/ton	0.01	0.03	lb/ton	1.18
205A	205A-EU1	205A Weigh Hopper 1	Grain	5.6	ton/hour	0.00025	lb/ton	0.01	0.00025	lb/ton	0.01	0.03	lb/ton	0.61
205B	205B-EU1	205B Weigh Hopper 2	Grain	5.6	ton/hour	0.00025	lb/ton	0.01	0.00025	lb/ton	0.01	0.03	lb/ton	0.61
205C	205C-EU1	205C Weigh Hopper 3	Grain	5.6	ton/hour	0.00025	lb/ton	0.01	0.00025	lb/ton	0.01	0.03	lb/ton	0.61
205D	205D-EU1	205D Weigh Hopper 4	Grain	5.6	ton/hour	0.00025	lb/ton	0.01	0.00025	lb/ton	0.01	0.03	lb/ton	0.61
205E	205E-EU1	205E Weigh Hopper 5	Grain	5.6	ton/hour	0.00025	lb/ton	0.01	0.00025	lb/ton	0.01	0.03	lb/ton	0.61
205F	205F-EU1	205F Weigh Hopper 6	Grain	5.6	ton/hour	0.00025	lb/ton	0.01	0.00025	lb/ton	0.01	0.03	lb/ton	0.61
205G	205G-EU1	205G Weigh Hopper 7	Grain	11.2	ton/hour	0.00025	lb/ton	0.01	0.00025	lb/ton	0.01	0.03	lb/ton	1.23
205G1	205G1-EU1	205G1 Screw Conveyor 7	Grain	11.2	ton/hour	0.00025	lb/ton	0.01	0.00025	lb/ton	0.01	0.03	lb/ton	1.23
205H	205H-EU1	205H Weigh Hopper 8	Grain	11.2	ton/hour	0.00025	lb/ton	0.01	0.00025	lb/ton	0.01	0.03	lb/ton	1.23
205H1	205H1-EU1	205H1 Weigh Hopper 9	Grain	5.6	ton/hour	0.00025	lb/ton	0.01	0.00025	lb/ton	0.01	0.03	lb/ton	0.61
205I	205I-EU1	205I - Batching Bin WH101	Grain	7	ton/hour	0.00025	lb/ton	0.01	0.00025	lb/ton	0.01	0.03	lb/ton	0.77
205J	205J-EU1	205J - Batching Bin WH102	Grain	7	ton/hour	0.00025	lb/ton	0.01	0.00025	lb/ton	0.01	0.03	lb/ton	0.77
205K	205K-EU1	205K Weigh Hopper 103	Grain	5.6	ton/hour	0.00025	lb/ton	0.01	0.00025	lb/ton	0.01	0.03	lb/ton	0.61
205K1	205K1-EU1	205K1 Weigh Hopper 104	Grain	5.6	ton/hour	0.00025	lb/ton	0.01	0.00025	lb/ton	0.01	0.03	lb/ton	0.61
205L	205L-EU1	205L Tunnel Weigh Hopper 105	Grain	25	ton/hour	0.00025	lb/ton	0.03	0.00025	lb/ton	0.03	0.03	lb/ton	2.74
205N	205N-EU1	205N Weigh Hopper 107	Grain	10	ton/hour	0.00025	lb/ton	0.01	0.00025	lb/ton	0.01	0.03	lb/ton	1.10
205O	205O-EU1	205O Weigh Hopper 108	Grain	10	ton/hour	0.00025	lb/ton	0.01	0.00025	lb/ton	0.01	0.03	lb/ton	1.10
205P	205P-EU1	205P Weigh Hopper 109	Grain	20	ton/hour	0.00025	lb/ton	0.02	0.00025	lb/ton	0.02	0.03	lb/ton	2.19
206A	206A-EU1	206A Surge Hopper 1	Grain	5.6	ton/hour	0.00025	lb/ton	0.01	0.00025	lb/ton	0.01	0.03	lb/ton	0.61
206B	206B-EU1	206B Surge Hopper 2	Grain	5.6	ton/hour	0.00025	lb/ton	0.01	0.00025	lb/ton	0.01	0.03	lb/ton	0.61
206C	206C-EU1	206C Surge Hopper 3	Grain	5.6	ton/hour	0.00025	lb/ton	0.01	0.00025	lb/ton	0.01	0.03	lb/ton	0.61
206D	206D-EU1	206D Surge Hopper 4	Grain	5.6	ton/hour	0.00025	lb/ton	0.01	0.00025	lb/ton	0.01	0.03	lb/ton	0.61
206G	206G-EU1	206G Surge Hopper 7	Grain	5.6	ton/hour	0.00025	lb/ton	0.01	0.00025	lb/ton	0.01	0.03	lb/ton	0.61
206H	206H-EU1	206H Surge Hopper 8	Grain	5.6	ton/hour	0.00025	lb/ton	0.01	0.00025	lb/ton	0.01	0.03	lb/ton	0.61
206I	206I-EU1	206I - Surge Hopper SH-102	Grain	5.6	ton/hour	0.00025	lb/ton	0.01	0.00025	lb/ton	0.01	0.03	lb/ton	0.61
206J	206J-EU1	206J Surge Hoopper SH-103	Grain	5.6	ton/hour	0.00025	lb/ton	0.01	0.00025	lb/ton	0.01	0.03	lb/ton	0.61
206K	206K-EU1	206K - Surge Hopper SH-104	Grain	7	ton/hour	0.00025	lb/ton	0.01	0.00025	lb/ton	0.01	0.03	lb/ton	0.77
206L	206L-EU1	206L Tunnel Surge Hopper SH-105	Grain	25	ton/hour	0.00025	lb/ton	0.03	0.00025	lb/ton	0.03	0.03	lb/ton	2.74
206P	206P-EU1	206P Surge Hopper SH-109	Grain	20	ton/hour	0.00025	lb/ton	0.02	0.00025	lb/ton	0.02	0.03	lb/ton	2.19
207A	207A-EU1	Dryer 5	Feed	Various	ton/hour	2.32	lb/hr	10.16						
	207A-EU1-1	Yeast Culture	0	3.6	ton/hour	-	-	-	0.24	lb/ton	3.78	0.24	lb/ton	378.43
	207A-EU1-2	CY1	0	3.3	ton/hour	-	-	-	0.24	lb/ton	3.47	0.24	lb/ton	346.90
	207A-EU1-3	LB	0	0.65	ton/hour	-	-	-	0.24	lb/ton	0.68	0.24	lb/ton	68.33
	207A-EU1-5	CY2	0	1.9	ton/hour	-	-	-	0.24	lb/ton	2.00	0.24	lb/ton	199.73
	207A-EU1-6	CY3	0	1.2	ton/hour	-	-	-	0.24	lb/ton	1.26	0.24	lb/ton	126.14
	207A-EU2	Dryer 5 Burner	Natural Gas	0.005	mmcf/hour	*	*	*	7.6	lb/mmcf	0.17	7.6	lb/mmcf	0.17
	207A-EU3	Dryer 6	Feed	Various	ton/hour	*	*	*						
	207A-EU3-1	Yeast Culture	0	3.6	ton/hour	-	-	-	0.24	lb/ton	3.78	0.24	lb/ton	378.43
	207A-EU3-2	CY1	0	3.3	ton/hour	-	-	-	0.24	lb/ton	3.47	0.24	lb/ton	346.90
	207A-EU3-3	LB	0	0.65	ton/hour	-	-	-	0.24	lb/ton	0.68	0.24	lb/ton	68.33
	207A-EU3-5	CY2	0	1.9	ton/hour	-	-	-	0.24	lb/ton	2.00	0.24	lb/ton	199.73
	207A-EU3-6	CY3	0	1.2	ton/hour	-	-	-	0.24	lb/ton	1.26	0.24	lb/ton	126.14
	207A-EU4	Dryer 6 Burner	Natural Gas	0.005	mmcf/hour	*	*	*	7.6	lb/mmcf	0.17	7.6	lb/mmcf	0.17
	207A-EU5	Dryer 5/6 RTO Burner	Natural Gas	0.006	mmcf/hour	*	*	*	7.6	lb/mmcf	0.20	7.6	lb/mmcf	0.20
207A1	207A-EU1-4	207A1 - Dryer 5 Bypass	0	0	0	0.003	gr/dscf	0.01	0.003	gr/dscf	0.01	0.003	gr/dscf	0.01
207A2	207A-EU3-4	207A2 - Dryer 6 Bypass	0	0	0	0.003	gr/dscf	0.01	0.003	gr/dscf	0.01	0.003	gr/dscf	0.01
	207B-EU1	Dryer 7	Feed	Various	ton/hour	1.85	lb/hr	8.10						
	207B-EU1-1	Yeast Culture	0	2.8	ton/hour	-	-	-	0.24	lb/ton	2.94	0.24	lb/ton	294.34
	207B-EU1-2	CY1	0	3.3	ton/hour	-	-	-	0.24	lb/ton	3.47	0.24	lb/ton	346.90
	207B-EU1-3	LB	0	0.65	ton/hour	-	-	-	0.24	lb/ton	0.68	0.24	lb/ton	68.33
	207B-EU1-5	CY2	0	1.9	ton/hour	-	-	-	0.24	lb/ton	2.00	0.24	lb/ton	199.73

PTE-RULE

[illegible]

PTE-RULE

DIAMOND											
EIQ# 92-70											
	NH ₃			HAPs		ACEHY					
	PTE-EF			PTE-Single	PTE-Total	PTE-EF			PTE-UNCONTROLLED		
EP ID	EF	EF UNITS	TPY	TPY	TPY	EF	EF Units	TPY	EF	EF Units	TPY
0			1.70	9.40	24.40			93.63			1482.92
204H12											
204I											
204J											
204K											
205A											
205B											
205C											
205D											
205E											
205F											
205G											
205G1											
205H											
205H1											
205I											
205J											
205K											
205K1											
205L											
205N											
205O											
205P											
206A											
206B											
206C											
206D											
206G											
206H											
206I											
206J											
206K											
206L											
206P											
207A											
						0.113	lb/ton	1.78	0.113	lb/ton	35.64
						0.048	lb/ton	0.69	0.048	lb/ton	13.88
						0.47	lb/ton	1.34	0.47	lb/ton	26.76
						0.108	lb/ton	0.90	0.108	lb/ton	17.98
						0.22	lb/ton	1.16	0.22	lb/ton	23.13
	3.2	lb/mmcf	0.07008								
						0.113	lb/ton	1.78	0.113	lb/ton	35.64
						0.048	lb/ton	0.69	0.048	lb/ton	13.88
						0.47	lb/ton	1.34	0.47	lb/ton	26.76
						0.108	lb/ton	0.90	0.108	lb/ton	17.98
						0.22	lb/ton	1.16	0.22	lb/ton	23.13
	3.2	lb/mmcf	0.07008								
	3.2	lb/mmcf	0.0841								
207A1						0.008	lb/ton	0.00	0.008	lb/ton	0.00
207A2						0.008	lb/ton	0.00	0.008	lb/ton	0.00
						0.113	lb/ton	1.39	0.113	lb/ton	27.72
						0.048	lb/ton	0.69	0.048	lb/ton	13.88
						0.47	lb/ton	1.34	0.47	lb/ton	26.76
						0.108	lb/ton	0.90	0.108	lb/ton	17.98

PTE-RULE

DIAMOND																		
EIQ# 92-70																		
	FORMALDEHYDE						HEXANE						LEAD					
	PTE-EF			PTE-UNCONTROLLED			PTE-EF			PTE-UNCONTROLLED			PTE-EF			PTE-UNCONTROLLED		
EP ID	EF	EF Units	TPY	EF	EF Units	TPY	EF	EF Units	TPY	EF	EF Units	TPY	EF	EF Units	TPY	EF	EF Units	TPY
0			6.44			128.16			0.90			0.90			0.00			0.00
204H12																		
204I																		
204J																		
204K																		
205A																		
205B																		
205C																		
205D																		
205E																		
205F																		
205G																		
205G1																		
205H																		
205H1																		
205I																		
205J																		
205K																		
205K1																		
205L																		
205N																		
205O																		
205P																		
206A																		
206B																		
206C																		
206D																		
206G																		
206H																		
206I																		
206J																		
206K																		
206L																		
206P																		
207A																		
	0.00	lb/ton	0.05	0.00	lb/ton	0.93												
	0.00	lb/ton	0.05	0.00	lb/ton	0.96												
	0.02	lb/ton	0.05	0.02	lb/ton	0.95												
	0.03	lb/ton	0.25	0.03	lb/ton	4.96												
	0.03	lb/ton	0.15	0.03	lb/ton	2.98												
	0.075	lb/mmcf	0.00	0.08	lb/mmcf	0.00	1.8	lb/mmcf	0.04	1.8	lb/mmcf	0.04	5.00E-04	lb/mmcf	1.10E-05	5.00E-04	lb/mmcf	1.10E-05
	0.00	lb/ton	0.05	0.00	lb/ton	0.93												
	0.00	lb/ton	0.05	0.00	lb/ton	0.96												
	0.02	lb/ton	0.05	0.02	lb/ton	0.95												
	0.03	lb/ton	0.25	0.03	lb/ton	4.96												
	0.03	lb/ton	0.15	0.03	lb/ton	2.98												
	0.075	lb/mmcf	0.00	0.08	lb/mmcf	0.00	1.8	lb/mmcf	0.04	1.8	lb/mmcf	0.04	5.00E-04	lb/mmcf	1.10E-05	5.00E-04	lb/mmcf	1.10E-05
	0.075	lb/mmcf	0.00	0.08	lb/mmcf	0.00	1.8	lb/mmcf	0.05	1.8	lb/mmcf	0.05	5.00E-04	lb/mmcf	1.31E-05	5.00E-04	lb/mmcf	1.31E-05
207A1																		
207A2																		
	0.00	lb/ton	0.04	0.00	lb/ton	0.72												
	0.00	lb/ton	0.05	0.00	lb/ton	0.96												
	0.02	lb/ton	0.05	0.02	lb/ton	0.95												
	0.03	lb/ton	0.25	0.03	lb/ton	4.96												

PTE-RULE

DIAMOND V MILLS, LLC				8760	hours/year									
EQ# 92-7025		Facility# 57-01-237		2000	lbs/ton									
						PM								
						PTE-RULE			PTE-EF			PTE-UNCONTROLLED		
EP ID	EU ID	Emission Unit Description	Raw Material	Rated Capacity	Capacity Units	EF	EF Units	TPY	EF	EF Units	TPY	EF	EF Units	TPY
0	0	0	0	0	FACILITYWIDE TOTALS:			97.98			158.56			13371.30
207B	207B-EU1-6	CY3	0	1.2	ton/hour	-	-	-	0.24	lb/ton	1.26	0.24	lb/ton	126.14
	207B-EU2-4	Dryer 7 Burner	Natural Gas	0.005	mmcf/hour	*	*	*	7.6	lb/mmcf	0.17	7.6	lb/mmcf	0.17
	207B-EU3	Dryer 8	Feed	Various	ton/hour	*	*	*						
	207B-EU3-1	Yeast Culture	0	2.8	ton/hour	-	-	-	0.24	lb/ton	2.94	0.24	lb/ton	294.34
	207B-EU3-2	CY1	0	3.3	ton/hour	-	-	-	0.24	lb/ton	3.47	0.24	lb/ton	346.90
	207B-EU3-3	LB	0	0.65	ton/hour	-	-	-	0.24	lb/ton	0.68	0.24	lb/ton	68.33
	207B-EU3-5	CY2	0	1.9	ton/hour	-	-	-	0.24	lb/ton	2.00	0.24	lb/ton	199.73
	207B-EU3-6	CY3	0	1.2	ton/hour	-	-	-	0.24	lb/ton	1.26	0.24	lb/ton	126.14
	207B-EU4	Dryer 8 Burner	Natural Gas	0.005	mmcf/hour	*	*	*	7.6	lb/mmcf	0.17	7.6	lb/mmcf	0.17
	207B-EU5	Dryer 7/8 RTO Burner	Natural Gas	0.006	mmcf/hour	*	*	*	7.6	lb/mmcf	0.20	7.6	lb/mmcf	0.20
207B1	207B-EU1-4	207B1 - Dryer 7 Bypass	0	0	0	0.003	gr/dscf	0.01	0.003	gr/dscf	0.01	0.003	gr/dscf	0.01
207B2	207B-EU3-4	207B2 - Dryer 8 Bypass	0	0	0	0.003	gr/dscf	0.01	0.003	gr/dscf	0.01	0.003	gr/dscf	0.01
207C	207C-EU1	Dryer 9	Feed	Various	ton/hour	1.16	lb/hr	5.08						
	207C-EU1-1	Yeast Culture	0	2.8	ton/hour	-	-	-	0.24	lb/ton	2.94	0.24	lb/ton	294.34
	207C-EU1-2	CY1	0	3.3	ton/hour	-	-	-	0.24	lb/ton	3.47	0.24	lb/ton	346.90
	207C-EU1-3	LB	0	0.65	ton/hour	-	-	-	0.24	lb/ton	0.68	0.24	lb/ton	68.33
	207C-EU1-5	CY2	0	2.25	ton/hour	-	-	-	0.24	lb/ton	2.37	0.24	lb/ton	236.52
	207C-EU1-6	CY3	0	1.2	ton/hour	-	-	-	0.24	lb/ton	1.26	0.24	lb/ton	126.14
	207C-EU2	Dryer 9 Burner	Natural Gas	0.005	mmcf/hour	*	*	*	7.6	lb/mmcf	0.17	7.6	lb/mmcf	0.17
	207C-EU3	Dryer 10	Feed	Various	ton/hour	*	*	*						
	207C-EU3-1	Yeast Culture	0	2.8	ton/hour	-	-	-	0.24	lb/ton	2.94	0.24	lb/ton	294.34
	207C-EU3-2	CY1	0	3.3	ton/hour	-	-	-	0.24	lb/ton	3.47	0.24	lb/ton	346.90
	207C-EU3-3	LB	0	0.65	ton/hour	-	-	-	0.24	lb/ton	0.68	0.24	lb/ton	68.33
	207C-EU3-5	CY2	0	2.25	ton/hour	-	-	-	0.24	lb/ton	2.37	0.24	lb/ton	236.52
	207C-EU3-6	CY3	0	1.2	ton/hour	-	-	-	0.24	lb/ton	1.26	0.24	lb/ton	126.14
	207C-EU4	Dryer 10 Burner	Natural Gas	0.005	mmcf/hour	*	*	*	7.6	lb/mmcf	0.17	7.6	lb/mmcf	0.17
	207C-EU5	Dryer 9/10 RTO Burner	Natural Gas	0.005	mmcf/hour	*	*	*	7.6	lb/mmcf	0.17	7.6	lb/mmcf	0.17
207C1	207C-EU1-4	207C1 - Dryer 9 Bypass	0	0	0	0.003	gr/dscf	0.01	0.003	gr/dscf	0.01	0.003	gr/dscf	0.01
207C2	207C-EU3-4	207C2 - Dryer 10 Bypass	0	0	0	0.003	gr/dscf	0.01	0.003	gr/dscf	0.01	0.003	gr/dscf	0.01
207D	207D-EU1	207D - Dryer 11	Feed	Various	ton/hour	1.16	lb/hr	5.08						
	207D-EU1-1	Yeast Culture	0	2.8	ton/hour	-	-	-	0.24	lb/ton	2.94	0.24	lb/ton	294.34
	207D-EU1-2	CY1	0	3.3	ton/hour	-	-	-	0.24	lb/ton	3.47	0.24	lb/ton	346.90
	207D-EU1-3	LB	0	0.65	ton/hour	-	-	-	0.24	lb/ton	0.68	0.24	lb/ton	68.33
	207D-EU1-5	CY2	0	1.9	ton/hour	-	-	-	0.24	lb/ton	2.00	0.24	lb/ton	199.73
	207D-EU1-6	CY3	0	1.2	ton/hour	-	-	-	0.24	lb/ton	1.26	0.24	lb/ton	126.14
	207D-EU2	Dryer 11 Burner	Natural Gas	0.005	mmcf/hour	*	*	*						
	207D-EU3	Dryer 12	Feed	Various	ton/hour	*	*	*						
	207D-EU3-1	Yeast Culture	0	2.8	ton/hour	-	-	-	0.24	lb/ton	2.94	0.24	lb/ton	294.34
	207D-EU3-2	CY1	0	3.3	ton/hour	-	-	-	0.24	lb/ton	3.47	0.24	lb/ton	346.90
	207D-EU3-3	LB	0	0.65	ton/hour	-	-	-	0.24	lb/ton	0.68	0.24	lb/ton	68.33
	207D-EU3-5	CY2	0	1.9	ton/hour	-	-	-	0.24	lb/ton	2.00	0.24	lb/ton	199.73
	207D-EU3-6	CY3	0	1.2	ton/hour	-	-	-	0.24	lb/ton	1.26	0.24	lb/ton	126.14
	207D-EU4	Dryer 12 Burner	Natural Gas	0.005	mmcf/hour	*	*	*	7.6	lb/mmcf	0.17	7.6	lb/mmcf	0.17
	207D-EU5	Dryer 11/12 RTO Burner	Natural Gas	0.006	mmcf/hour	*	*	*	7.6	lb/mmcf	0.20	7.6	lb/mmcf	0.20
207D1	207D-EU1-4	207D1 - Dryer 11 Bypass	0	0	0	0.003	gr/dscf	0.01	0.003	gr/dscf	0.01	0.003	gr/dscf	0.01
207D2	207D-EU3-4	207D2 - Dryer 12 Bypass	0	0	0	0.003	gr/dscf	0.01	0.003	gr/dscf	0.01	0.003	gr/dscf	0.01
207E	207E-EU3	207E - Dryer 14	Feed	Various	ton/hour	1.03	lb/hr	4.51						
	207E-EU3-1	Yeast Culture	0	3.6	ton/hour	-	-	-	0.24	lb/ton	3.78	0.24	lb/ton	378.43
	207E-EU3-2	LB	0	0.65	ton/hour	-	-	-	0.24	lb/ton	0.68	0.24	lb/ton	68.33
	207E-EU3-3	CY1	0	3.3	ton/hour	-	-	-	0.24	lb/ton	3.47	0.24	lb/ton	346.90
	207E-EU3-5	CY2	0	2.25	ton/hour	-	-	-	0.24	lb/ton	2.37	0.24	lb/ton	236.52
	207E-EU3-6	CY3	0	1.2	ton/hour	-	-	-	0.24	lb/ton	1.26	0.24	lb/ton	126.14

PTE-RULE

[illegible]

PTE-RULE

DIAMOND											
EIQ# 92-70											
	NH ₃			HAPs		ACEHY					
	PTE-EF			PTE-Single	PTE-Total	PTE-EF			PTE-UNCONTROLLED		
EP ID	EF	EF UNITS	TPY	TPY	TPY	EF	EF Units	TPY	EF	EF Units	TPY
0			1.70	9.40	24.40			93.63			1482.92
207B						0.22	lb/ton	1.16	0.22	lb/ton	23.13
	3.2	lb/mmcf	0.07008								
						0.113	lb/ton	1.39	0.113	lb/ton	27.72
						0.048	lb/ton	0.69	0.048	lb/ton	13.88
						0.47	lb/ton	1.34	0.47	lb/ton	26.76
						0.108	lb/ton	0.90	0.108	lb/ton	17.98
						0.22	lb/ton	1.16	0.22	lb/ton	23.13
	3.2	lb/mmcf	0.07008								
	3.2	lb/mmcf	0.0841								
207B1						0.008	lb/ton	0.00	0.008	lb/ton	0.00
207B2						0.008	lb/ton	0.00	0.008	lb/ton	0.00
207C											
						0.113	lb/ton	1.39	0.113	lb/ton	27.72
						0.048	lb/ton	0.69	0.048	lb/ton	13.88
						0.47	lb/ton	1.34	0.47	lb/ton	26.76
						0.108	lb/ton	1.06	0.108	lb/ton	21.29
						0.22	lb/ton	1.16	0.22	lb/ton	23.13
	3.2	lb/mmcf	0.07008								
						0.113	lb/ton	1.39	0.113	lb/ton	27.72
						0.048	lb/ton	0.69	0.048	lb/ton	13.88
						0.47	lb/ton	1.34	0.47	lb/ton	26.76
						0.108	lb/ton	1.06	0.108	lb/ton	21.29
						0.22	lb/ton	1.16	0.22	lb/ton	23.13
	3.2	lb/mmcf	0.07008								
	3.2	lb/mmcf	0.07008								
207C1						0.008	lb/ton	0.00	0.008	lb/ton	0.00
207C2						0.008	lb/ton	0.00	0.008	lb/ton	0.00
207D											
						0.113	lb/ton	1.39	0.113	lb/ton	27.72
						0.048	lb/ton	0.69	0.048	lb/ton	13.88
						0.47	lb/ton	1.34	0.47	lb/ton	26.76
						0.108	lb/ton	0.90	0.108	lb/ton	17.98
						0.22	lb/ton	1.16	0.22	lb/ton	23.13
	3.2	lb/mmcf	0.07008								
						0.113	lb/ton	1.39	0.113	lb/ton	27.72
						0.048	lb/ton	0.69	0.048	lb/ton	13.88
						0.47	lb/ton	1.34	0.47	lb/ton	26.76
						0.108	lb/ton	0.90	0.108	lb/ton	17.98
						0.22	lb/ton	1.16	0.22	lb/ton	23.13
	3.2	lb/mmcf	0.07008								
	3.2	lb/mmcf	0.0841								
207D1						0.008	lb/ton	0.00	0.008	lb/ton	0.00
207D2						0.008	lb/ton	0.00	0.008	lb/ton	0.00
207E											
						0.113	lb/ton	1.78	0.113	lb/ton	35.64
						0.048	lb/ton	0.14	0.048	lb/ton	2.73
						0.47	lb/ton	6.79	0.47	lb/ton	135.87
						0.108	lb/ton	1.06	0.108	lb/ton	21.29
						0.22	lb/ton	1.16	0.22	lb/ton	23.13

PTE-RULE

DIAMOND																		
EIQ# 92-70																		
	FORMALDEHYDE						HEXANE						LEAD					
	PTE-EF			PTE-UNCONTROLLED			PTE-EF			PTE-UNCONTROLLED			PTE-EF			PTE-UNCONTROLLED		
EP ID	EF	EF Units	TPY	EF	EF Units	TPY	EF	EF Units	TPY	EF	EF Units	TPY	EF	EF Units	TPY	EF	EF Units	TPY
0			6.44			128.16			0.90			0.90			0.00			0.00
207B	0.03	lb/ton	0.15	0.03	lb/ton	2.98												
	0.075	lb/mmcf	0.00	0.08	lb/mmcf	0.00	1.8	lb/mmcf	0.04	1.8	lb/mmcf	0.04	5.00E-04	lb/mmcf	1.10E-05	5.00E-04	lb/mmcf	1.10E-05
	0.00	lb/ton	0.04	0.00	lb/ton	0.72												
	0.00	lb/ton	0.05	0.00	lb/ton	0.96												
	0.02	lb/ton	0.05	0.02	lb/ton	0.95												
	0.03	lb/ton	0.25	0.03	lb/ton	4.96												
	0.03	lb/ton	0.15	0.03	lb/ton	2.98												
	0.075	lb/mmcf	0.00	0.08	lb/mmcf	0.00	1.8	lb/mmcf	0.04	1.8	lb/mmcf	0.04	5.00E-04	lb/mmcf	1.10E-05	5.00E-04	lb/mmcf	1.10E-05
0.075	lb/mmcf	0.00	0.08	lb/mmcf	0.00	1.8	lb/mmcf	0.05	1.8	lb/mmcf	0.05	5.00E-04	lb/mmcf	1.31E-05	5.00E-04	lb/mmcf	1.31E-05	
207B1																		
207B2																		
207C																		
	0.00	lb/ton	0.04	0.00	lb/ton	0.72												
	0.00	lb/ton	0.05	0.00	lb/ton	0.96												
	0.02	lb/ton	0.05	0.02	lb/ton	0.95												
	0.03	lb/ton	0.29	0.03	lb/ton	5.88												
	0.03	lb/ton	0.15	0.03	lb/ton	2.98												
	0.075	lb/mmcf	0.00	0.08	lb/mmcf	0.00	1.8	lb/mmcf	0.04	1.8	lb/mmcf	0.04	5.00E-04	lb/mmcf	1.10E-05	5.00E-04	lb/mmcf	1.10E-05
	0.00	lb/ton	0.04	0.00	lb/ton	0.72												
	0.00	lb/ton	0.05	0.00	lb/ton	0.96												
	0.02	lb/ton	0.05	0.02	lb/ton	0.95												
	0.03	lb/ton	0.29	0.03	lb/ton	5.88												
	0.03	lb/ton	0.15	0.03	lb/ton	2.98												
	0.075	lb/mmcf	0.00	0.08	lb/mmcf	0.00	1.8	lb/mmcf	0.04	1.8	lb/mmcf	0.04	5.00E-04	lb/mmcf	1.10E-05	5.00E-04	lb/mmcf	1.10E-05
0.075	lb/mmcf	0.00	0.08	lb/mmcf	0.00	1.8	lb/mmcf	0.04	1.8	lb/mmcf	0.04	5.00E-04	lb/mmcf	1.10E-05	5.00E-04	lb/mmcf	1.10E-05	
207C1																		
207C2																		
207D																		
	0.00	lb/ton	0.04	0.00	lb/ton	0.72												
	0.00	lb/ton	0.05	0.00	lb/ton	0.96												
	0.02	lb/ton	0.05	0.02	lb/ton	0.95												
	0.03	lb/ton	0.25	0.03	lb/ton	4.96												
	0.03	lb/ton	0.15	0.03	lb/ton	2.98												
	0.075	lb/mmcf	0.00	0.08	lb/mmcf	0.00	1.8	lb/mmcf	0.04	1.8	lb/mmcf	0.04	5.00E-04	lb/mmcf	1.10E-05	5.00E-04	lb/mmcf	1.10E-05
	0.00	lb/ton	0.04	0.00	lb/ton	0.72												
	0.00	lb/ton	0.05	0.00	lb/ton	0.96												
	0.02	lb/ton	0.05	0.02	lb/ton	0.95												
	0.03	lb/ton	0.25	0.03	lb/ton	4.96												
	0.03	lb/ton	0.15	0.03	lb/ton	2.98												
	0.075	lb/mmcf	0.00	0.08	lb/mmcf	0.00	1.8	lb/mmcf	0.04	1.8	lb/mmcf	0.04	5.00E-04	lb/mmcf	1.10E-05	5.00E-04	lb/mmcf	1.10E-05
0.075	lb/mmcf	0.00	0.08	lb/mmcf	0.00	1.8	lb/mmcf	0.05	1.8	lb/mmcf	0.05	5.00E-04	lb/mmcf	1.31E-05	5.00E-04	lb/mmcf	1.31E-05	
207D1																		
207D2																		
207E																		
	0.00	lb/ton	0.05	0.00	lb/ton	0.93												
	0.00	lb/ton	0.01	0.00	lb/ton	0.19												
	0.02	lb/ton	0.24	0.02	lb/ton	4.82												
	0.03	lb/ton	0.29	0.03	lb/ton	5.88												
	0.03	lb/ton	0.15	0.03	lb/ton	2.98												

PTE-RULE

[illegible]

PTE-RULE

DIAMOND			Minor	Significant	Major																						
EIQ# 92-70																											
	PM ₁₀									PM _{2.5}									SO ₂								
	PTE-RULE			PTE-EF			PTE-UNCONTROLLED			PTE-RULE			PTE-EF			PTE-UNCONTROLLED			PTE-RULE			PTE-EF			PTE-UNCONTROLLED		
EP ID	EF	EF Units	TPY	EF	EF Units	TPY	EF	EF Units	TPY	EF	EF Units	TPY	EF	EF Units	TPY	EF	EF Units	TPY	EF	EF Units	TPY	EF	EF Units	TPY	EF	EF Units	TPY
0			91.99			143.49			2759.78			21.90			40.48			725.37			0.32			0.32			0.32
	*	*	*	7.6	lb/mmc	0.27	7.6	lb/mmc	0.27				7.6	lb/mmc	0.266	7.6	lb/mmc	0.27	0.6	lb/mmc	0.02102	0.6	lb/mmc	0.02102	0.6	lb/mmc	0.02102
	*	*	*	7.6	lb/mmc	0.25	7.6	lb/mmc	0.25				7.6	lb/mmc	0.25	7.6	lb/mmc	0.25	0.6	lb/mmc	0.01971	0.6	lb/mmc	0.01971	0.6	lb/mmc	0.01971
207E2	0.003	gr/dscf	0.01	0.003	gr/dscf	0.01	0.003	gr/dscf	0.01	0.00141	gr/dscf	0.006043	0.00141	gr/dscf	0.006	0.00141	gr/dscf	0.01									
207F	1.03	lb/hr	4.51							0.2781	lb/hr	1.218078															
	-	-	-	0.24	lb/ton	3.78	0.24	lb/ton	75.69				0.0648	lb/ton	1.022	0.0648	lb/ton	20.44									
	-	-	-	0.24	lb/ton	3.47	0.24	lb/ton	69.38				0.0648	lb/ton	0.937	0.0648	lb/ton	18.73									
	-	-	-	0.24	lb/ton	0.68	0.24	lb/ton	13.67				0.0648	lb/ton	0.184	0.0648	lb/ton	3.69									
	-	-	-	0.24	lb/ton	2.37	0.24	lb/ton	47.30				0.0648	lb/ton	0.639	0.0648	lb/ton	12.77									
	-	-	-	0.24	lb/ton	1.26	0.24	lb/ton	25.23				0.0648	lb/ton	0.341	0.0648	lb/ton	6.81									
	-	-	-	7.6	lb/mmc	0.27	7.6	lb/mmc	0.27				7.6	lb/mmc	0.266	7.6	lb/mmc	0.27	0.6	lb/mmc	0.02102	0.6	lb/mmc	0.02102	0.6	lb/mmc	0.02102
	-	-	-	0.24	lb/ton	3.78	0.24	lb/ton	75.69				0.0648	lb/ton	1.022	0.0648	lb/ton	20.44									
	-	-	-	0.24	lb/ton	0.68	0.24	lb/ton	13.67				0.0648	lb/ton	0.184	0.0648	lb/ton	3.69									
	-	-	-	0.24	lb/ton	3.47	0.24	lb/ton	69.38				0.0648	lb/ton	0.937	0.0648	lb/ton	18.73									
	-	-	-	0.24	lb/ton	2.37	0.24	lb/ton	47.30				0.0648	lb/ton	0.639	0.0648	lb/ton	12.77									
	-	-	-	0.24	lb/ton	1.26	0.24	lb/ton	25.23				0.0648	lb/ton	0.341	0.0648	lb/ton	6.81									
	*	*	*	7.6	lb/mmc	0.27	7.6	lb/mmc	0.27				7.6	lb/mmc	0.266	7.6	lb/mmc	0.27	0.6	lb/mmc	0.02102	0.6	lb/mmc	0.02102	0.6	lb/mmc	0.02102
	*	*	*	7.6	lb/mmc	0.25	7.6	lb/mmc	0.25				7.6	lb/mmc	0.25	7.6	lb/mmc	0.25	0.6	lb/mmc	0.01971	0.6	lb/mmc	0.01971	0.6	lb/mmc	0.01971
207F1	0.003	gr/dscf	0.01	0.003	gr/dscf	0.01	0.003	gr/dscf	0.01	0.00141	gr/dscf	0.006043	0.00141	gr/dscf	0.006	0.00141	gr/dscf	0.01									
207F2	0.003	gr/dscf	0.01	0.003	gr/dscf	0.01	0.003	gr/dscf	0.01	0.00141	gr/dscf	0.006043	0.00141	gr/dscf	0.006	0.00141	gr/dscf	0.01									
208A	0.18	lb/hr	0.79	0.14	lb/hr	0.61	0.14	lb/hr	12.26	0.0306	lb/hr	0.134028	0.0238	lb/hr	0.104	0.0238	lb/hr	2.08									
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
208B	0.18	lb/hr	0.79	0.14	lb/hr	0.61	0.14	lb/hr	12.26	0.0306	lb/hr	0.134028	0.0238	lb/hr	0.104	0.0238	lb/hr	2.08									
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
208B1	0.06	lb/hr	0.26	0.002	lb/ton	0.04	0.034	lb/hr	0.89	0.0003	lb/ton	0.008	0.00	lb/ton	0.01	0.01	lb/ton	0.15									
208C	0.18	lb/hr	0.79	0.14	lb/hr	0.61	0.14	lb/hr	12.26	0.0306	lb/hr	0.134028	0.0238	lb/hr	0.104	0.0238	lb/hr	2.08									
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
208E	0.18	lb/hr	0.79	0.14	lb/hr	0.61	0.14	lb/hr	12.26	0.0306	lb/hr	0.134028	0.0238	lb/hr	0.104	0.0238	lb/hr	2.08									
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
208G	0.18	lb/hr	0.79	0.14	lb/hr	0.61	0.14	lb/hr	12.26	0.0306	lb/hr	0.134028	0.0238	lb/hr	0.104	0.0238	lb/hr	2.08									
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									

PTE-RULE

DIAMOND																											
EIQ# 92-70																											
	NOx									VOC									CO								
	PTE-RULE			PTE-EF			PTE-UNCONTROLLED			PTE-RULE			PTE-EF			PTE-UNCONTROLLED			PTE-RULE			PTE-EF			PTE-UNCONTROLLED		
EP ID	EF	EF Units	TPY	EF	EF Units	TPY	EF	EF Units	TPY	EF	EF Units	TPY	EF	EF Units	TPY	EF	EF Units	TPY	EF	EF Units	TPY	EF	EF Units	TPY	EF	EF Units	TPY
0			53.26			53.26			53.26			245.00			701.83			9278.44			44.74			44.74			44.74
	100	lb/mmcf	3.504	100	lb/mmcf	3.504	100	lb/mmcf	3.504	5.5	lb/mmcf	0.19	5.5	lb/mmcf	0.19	5.5	lb/mmcf	0.19	84	lb/mmcf	2.94	84	lb/mmcf	2.94	84	lb/mmcf	2.94
	100	lb/mmcf	3.285	100	lb/mmcf	3.285	100	lb/mmcf	3.285	5.5	lb/mmcf	0.18	5.5	lb/mmcf	0.18	5.5	lb/mmcf	0.18	84	lb/mmcf	2.76	84	lb/mmcf	2.76	84	lb/mmcf	2.76
207E2										0.06	lb/ton	0.01	0.06	lb/ton	0.01	0.06	lb/ton	0.01									
207F										0.441	lb/ton	6.95	0.441	lb/ton	6.95	0.441	lb/ton	139.07									
										0.776	lb/ton	11.22	0.776	lb/ton	11.22	0.776	lb/ton	224.33									
										0.74	lb/ton	2.11	0.74	lb/ton	2.11	0.74	lb/ton	42.14									
										0.833	lb/ton	8.21	0.833	lb/ton	8.21	0.833	lb/ton	164.18									
										2.564	lb/ton	13.48	2.564	lb/ton	13.48	2.564	lb/ton	269.53									
	100	lb/mmcf	3.504	100	lb/mmcf	3.504	100	lb/mmcf	3.504	5.5	lb/mmcf	0.19	5.5	lb/mmcf	0.19	5.5	lb/mmcf	0.19	84	lb/mmcf	2.94	84	lb/mmcf	2.94	84	lb/mmcf	2.94
										0.441	lb/ton	6.95	0.441	lb/ton	6.95	0.441	lb/ton	139.07									
										0.776	lb/ton	2.21	0.776	lb/ton	2.21	0.776	lb/ton	44.19									
										0.74	lb/ton	10.70	0.74	lb/ton	10.70	0.74	lb/ton	213.92									
										0.833	lb/ton	8.21	0.833	lb/ton	8.21	0.833	lb/ton	164.18									
										2.564	lb/ton	13.48	2.564	lb/ton	13.48	2.564	lb/ton	269.53									
	100	lb/mmcf	3.504	100	lb/mmcf	3.504	100	lb/mmcf	3.504	5.5	lb/mmcf	0.19	5.5	lb/mmcf	0.19	5.5	lb/mmcf	0.19	84	lb/mmcf	2.94	84	lb/mmcf	2.94	84	lb/mmcf	2.94
	100	lb/mmcf	3.285	100	lb/mmcf	3.285	100	lb/mmcf	3.285	5.5	lb/mmcf	0.18	5.5	lb/mmcf	0.18	5.5	lb/mmcf	0.18	84	lb/mmcf	2.76	84	lb/mmcf	2.76	84	lb/mmcf	2.76
207F1										0.06	lb/ton	0.01	0.06	lb/ton	0.01	0.06	lb/ton	0.01									
207F2										0.06	lb/ton	0.01	0.06	lb/ton	0.01	0.06	lb/ton	0.01									
208A										0.06	lb/ton	0.95	0.06	lb/ton	0.95	0.06	lb/ton	0.95									
										0.189	lb/ton	2.98	0.189	lb/ton	2.98	0.189	lb/ton	2.98									
										0.105	lb/ton	1.66	0.105	lb/ton	1.66	0.105	lb/ton	1.66									
										0.278	lb/ton	4.38	0.278	lb/ton	4.38	0.278	lb/ton	4.38									
										0.647	lb/ton	10.20	0.647	lb/ton	10.20	0.647	lb/ton	10.20									
0																											
208B										0.647	lb/ton	10.20	0.647	lb/ton	10.20	0.647	lb/ton	10.20									
										0.06	lb/ton	0.95	0.06	lb/ton	0.95	0.06	lb/ton	0.95									
										0.189	lb/ton	2.98	0.189	lb/ton	2.98	0.189	lb/ton	2.98									
										0.105	lb/ton	1.66	0.105	lb/ton	1.66	0.105	lb/ton	1.66									
										0.278	lb/ton	4.38	0.278	lb/ton	4.38	0.278	lb/ton	4.38									
										0.647	lb/ton	10.20	0.647	lb/ton	10.20	0.647	lb/ton	10.20									
0																											
208B1										0.058	lb/ton	1.52	0.058	lb/ton	0.06	0.058	lb/ton	1.52									
208C										0.647	lb/ton	10.77	0.647	lb/ton	10.77	0.647	lb/ton	10.77									
										0.06	lb/ton	1.00	0.06	lb/ton	1.00	0.06	lb/ton	1.00									
										0.189	lb/ton	3.15	0.189	lb/ton	3.15	0.189	lb/ton	3.15									
										0.105	lb/ton	1.75	0.105	lb/ton	1.75	0.105	lb/ton	1.75									
										0.278	lb/ton	4.63	0.278	lb/ton	4.63	0.278	lb/ton	4.63									
										0.647	lb/ton	10.77	0.647	lb/ton	10.77	0.647	lb/ton	10.77									
0																											
208E										0.647	lb/ton	12.75	0.647	lb/ton	12.75	0.647	lb/ton	12.75									
										0.06	lb/ton	1.18	0.06	lb/ton	1.18	0.06	lb/ton	1.18									
										0.189	lb/ton	3.73	0.189	lb/ton	3.73	0.189	lb/ton	3.73									
										0.105	lb/ton	2.07	0.105	lb/ton	2.07	0.105	lb/ton	2.07									
										0.278	lb/ton	5.48	0.278	lb/ton	5.48	0.278	lb/ton	5.48									
										0.647	lb/ton	12.75	0.647	lb/ton	12.75	0.647	lb/ton	12.75									
0																											
208G										0.647	lb/ton	10.77	0.647	lb/ton	10.77	0.647	lb/ton	10.77									
										0.06	lb/ton	1.00	0.06	lb/ton	1.00	0.06	lb/ton	1.00									
										0.189	lb/ton	3.15	0.189	lb/ton	3.15	0.189	lb/ton	3.15									
										0.105	lb/ton	1.75	0.105	lb/ton	1.75	0.105	lb/ton	1.75									
										0.278	lb/ton	4.63	0.278	lb/ton	4.63	0.278	lb/ton	4.63									
										0.647	lb/ton	10.77	0.647	lb/ton	10.77	0.647	lb/ton	10.77									

PTE-RULE

DIAMOND											
EIQ# 92-70											
	NH ₃			HAPs		ACEHY					
	PTE-EF			PTE-Single	PTE-Total	PTE-EF			PTE-UNCONTROLLED		
EP ID	EF	EF UNITS	TPY	TPY	TPY	EF	EF Units	TPY	EF	EF Units	TPY
0			1.70	9.40	24.40			93.63			1482.92
	3.2	lb/mmcF	0.11213								
	3.2	lb/mmcF	0.10512								
207E2						0.008	lb/ton	0.00	0.008	lb/ton	0.00
207F						0.113	lb/ton	1.78	0.113	lb/ton	35.64
						0.048	lb/ton	0.69	0.048	lb/ton	13.88
						0.47	lb/ton	1.34	0.47	lb/ton	26.76
						0.108	lb/ton	1.06	0.108	lb/ton	21.29
						0.22	lb/ton	1.16	0.22	lb/ton	23.13
	3.2	lb/mmcF	0.11213								
						0.113	lb/ton	1.78	0.113	lb/ton	35.64
						0.048	lb/ton	0.14	0.048	lb/ton	2.73
						0.47	lb/ton	6.79	0.47	lb/ton	135.87
						0.108	lb/ton	1.06	0.108	lb/ton	21.29
						0.22	lb/ton	1.16	0.22	lb/ton	23.13
	3.2	lb/mmcF	0.11213								
	3.2	lb/mmcF	0.10512								
207F1						0.008	lb/ton	0.00	0.008	lb/ton	0.00
207F2						0.008	lb/ton	0.00	0.008	lb/ton	0.00
208A											
						0.01	lb/ton	0.16	0.01	lb/ton	0.16
						0.02	lb/ton	0.32	0.02	lb/ton	0.32
						0.004	lb/ton	0.06	0.004	lb/ton	0.06
						0.02	lb/ton	0.32	0.02	lb/ton	0.32
						0.054	lb/ton	0.85	0.054	lb/ton	0.85
0											
208B						0.054	lb/ton	0.85	0.054	lb/ton	0.85
						0.01	lb/ton	0.16	0.01	lb/ton	0.16
						0.02	lb/ton	0.32	0.02	lb/ton	0.32
						0.004	lb/ton	0.06	0.004	lb/ton	0.06
						0.02	lb/ton	0.32	0.02	lb/ton	0.32
						0.054	lb/ton	0.85	0.054	lb/ton	0.85
0											
208B1											
208C						0.054	lb/ton	0.90	0.054	lb/ton	0.90
						0.01	lb/ton	0.17	0.01	lb/ton	0.17
						0.02	lb/ton	0.33	0.02	lb/ton	0.33
						0.004	lb/ton	0.07	0.004	lb/ton	0.07
						0.02	lb/ton	0.33	0.02	lb/ton	0.33
						0.054	lb/ton	0.90	0.054	lb/ton	0.90
0											
208E						0.054	lb/ton	1.06	0.054	lb/ton	1.06
						0.01	lb/ton	0.20	0.01	lb/ton	0.20
						0.02	lb/ton	0.39	0.02	lb/ton	0.39
						0.004	lb/ton	0.08	0.004	lb/ton	0.08
						0.02	lb/ton	0.39	0.02	lb/ton	0.39
						0.054	lb/ton	1.06	0.054	lb/ton	1.06
0											
208G						0.054	lb/ton	0.90	0.054	lb/ton	0.90
						0.01	lb/ton	0.17	0.01	lb/ton	0.17
						0.02	lb/ton	0.33	0.02	lb/ton	0.33
						0.004	lb/ton	0.07	0.004	lb/ton	0.07
						0.02	lb/ton	0.33	0.02	lb/ton	0.33
						0.054	lb/ton	0.90	0.054	lb/ton	0.90

PTE-RULE

[illegible]

PTE-RULE

DIAMOND V MILLS, LLC				8760	hours/year									
EIQ# 92-7025		Facility# 57-01-237		2000	lbs/ton									
						PM								
						PTE-RULE			PTE-EF			PTE-UNCONTROLLED		
EP ID	EU ID	Emission Unit Description	Raw Material	Rated Capacity	Capacity Units	EF	EF Units	TPY	EF	EF Units	TPY	EF	EF Units	TPY
0	0	0	0	0	FACILITYWIDE TOTALS:			97.98			158.56			13371.30
0	208G-EU2	Impact Mill 11	Feed	3.8	ton/hour	-	-	-	-	-	-	-	-	-
208J	208J-EU1	208J - Cooler 14	Feed	3.6	ton/hour	0.26	lb/hr	1.14	0.14	lb/hr	0.63	0.14	lb/hr	62.66
	208J-EU1-1	Yeast Culture	0	3.6	ton/hour	-	-	-	-	-	-	-	-	-
	208J-EU1-2	LB	0	3.6	ton/hour	-	-	-	-	-	-	-	-	-
	208J-EU1-3	CY1	0	3.6	ton/hour	-	-	-	-	-	-	-	-	-
	208J-EU1-4	CY2	0	3.6	ton/hour	-	-	-	-	-	-	-	-	-
	208J-EU1-5	CY3	0	3.6	ton/hour	-	-	-	-	-	-	-	-	-
208J1	208J1-EU1	208J1 - Pneumatic Transfer from Cooler 14	Feed	3.6	ton/hour	0.04	lb/hr	0.18	0.00061	lb/ton	0.01	0.22	lb/ton	0.96
208K	208K-EU1	208K - Cooler 15	Feed	3.6	ton/hour	0.26	lb/hr	1.14	0.14	lb/hr	0.63	0.14	lb/hr	62.66
	208K-EU1-1	Yeast Culture	0	3.6	ton/hour	-	-	-	-	-	-	-	-	-
	208K-EU1-2	CY1	0	3.6	ton/hour	-	-	-	-	-	-	-	-	-
	208K-EU1-3	LB	0	3.6	ton/hour	-	-	-	-	-	-	-	-	-
	208K-EU1-4	CY2	0	3.6	ton/hour	-	-	-	-	-	-	-	-	-
	208K-EU1-5	CY3	0	3.6	ton/hour	-	-	-	-	-	-	-	-	-
208K1	208K1-EU1	208K1 - Pneumatic Transfer from Cooler 15	Feed	3.6	ton/hour	0.04	lb/hr	0.18	0.00061	lb/ton	0.01	0.22	lb/ton	0.96
208L	208L-EU1	208L - Cooler 16	Feed	3.6	ton/hour	0.26	lb/hr	1.14	0.14	lb/hr	0.63	0.14	lb/hr	62.66
	208L-EU1-1	Yeast Culture	0	3.6	ton/hour	-	-	-	-	-	-	-	-	-
	208L-EU1-2	CY1	0	3.6	ton/hour	-	-	-	-	-	-	-	-	-
	208L-EU1-3	LB	0	3.6	ton/hour	-	-	-	-	-	-	-	-	-
	208L-EU1-4	CY2	0	3.6	ton/hour	-	-	-	-	-	-	-	-	-
	208L-EU1-5	CY3	0	3.6	ton/hour	-	-	-	-	-	-	-	-	-
208L1	208L1-EU1	208L1 - Pneumatic Transfer from Cooler 16	Feed	3.6	ton/hour	0.04	lb/hr	0.18	0.00061	lb/ton	0.01	0.22	lb/ton	0.96
209A	209A-EU1	209A Packaging Line 1	Feed	5.6	ton/hour	0.06	lb/hr	0.26	0.00	lb/ton	0.00	0.0033	lb/ton	0.08
209B	209B-EU1	209B Packaging Line 2	Feed	5.6	ton/hour	0.06	lb/hr	0.26	0.00	lb/ton	0.00	0.0033	lb/ton	0.08
209C	209C-EU1	209C Bulk Bag Filling Station Weigh	Feed	5.6	ton/hour	0.000033	lb/ton	0.00	0.00	lb/ton	0.00	0.0033	lb/ton	0.08
209D	209D-EU1	209D Packaging Line 3	Feed	8	ton/hour	0.06	lb/hr	0.26	0.00	lb/ton	0.00	0.0033	lb/ton	0.12
209E	209E-EU1	209E Bulk Bag Filling Station Weigh	Feed	8	ton/hour	0.000033	lb/ton	0.00	0.00	lb/ton	0.00	0.0033	lb/ton	0.12
209F	209F-EU1	209F Packaging Line 4	Feed	3.7	ton/hour	0.1	lb/hr	0.44	0.00	lb/ton	0.00	0.0033	lb/ton	0.05
209F2	0	209F2 Packaging Line 4	0	0	0									
209G	209G-EU1	209G Packaging Line 101	Feed	16.5	ton/hour	0.09	lb/hr	0.39	0.00	lb/ton	0.00	0.0033	lb/ton	0.24
209G1	209G1-EU1	209G1 Packaging Bin 101	Feed	25	ton/hour	0.000033	lb/ton	0.00	0.00003	lb/ton	0.00	0.0033	lb/ton	0.36
209G2	209G2-EU1	209G2 Packaging Line 101 Weigh Hopper	Feed	12	ton/hour	0.000033	lb/ton	0.00	0.00003	lb/ton	0.00	0.0033	lb/ton	0.17
209H	209H-EU1	209H Packaging Line PL102	Feed	12	ton/hour	0.06	lb/hr	0.26	0.00	lb/ton	0.00	0.0033	lb/ton	0.17
209H1	209H1-EU1	209H1 Packaging Bin PB102	Feed	20	ton/hour	0.000033	lb/ton	0.00	0.00003	lb/ton	0.00	0.0033	lb/ton	0.29
209H2	209H2-EU1	209H2 Packaging Line 102	Feed	12	ton/hour	0.000033	lb/ton	0.00	0.00003	lb/ton	0.00	0.0033	lb/ton	0.17
209I	209I-EU1	209I Bulk Bag Filling Station SH105	Feed	5.6	ton/hour	0.000033	lb/ton	0.00	0.00003	lb/ton	0.00	0.0033	lb/ton	0.08
211A	211A-EU1	211A - Tunnel Bin 101	Feed	10.8	ton/hour	0.00025	lb/ton	0.01	0.00025	lb/ton	0.01	0.03	lb/ton	1.18
211B	211B-EU1	211B - Tunnel Bin 102	Feed	10.8	ton/hour	0.00025	lb/ton	0.01	0.00025	lb/ton	0.01	0.03	lb/ton	1.18
211C	211C-EU1	211C - Tunnel Bin TB103	Feed	10.8	ton/hour	0.00025	lb/ton	0.01	0.00025	lb/ton	0.01	0.03	lb/ton	1.18
211D	211D-EU1	211D - Tunnel Bin TB104	Feed	10.8	ton/hour	0.00025	lb/ton	0.01	0.00025	lb/ton	0.01	0.03	lb/ton	1.18
212A	212A-EU1	212A Bulk Loadout Conveyor	Feed	80	ton/hour	0.000033	lb/ton	0.01	0.00003	lb/ton	0.01	0.0033	lb/ton	1.16
213A	213A-EU1	213A - Spray Dryer	Feed	0.48	ton/hour	5.73	lb/hr	25.10	1.91	lb/ton	4.02	1.91	lb/ton	401.56
0	213A-EU2	Spray Dryer Burner	Natural Gas	0.01	mmcf/hour	*	*	*	7.6	lb/mmcf	0.33	7.6	lb/mmcf	0.33
0	213A-EU3	Spray Dryer RTO Burner	Natural Gas	0.0096	mmcf/hour	*	*	*	7.6	lb/mmcf	0.32	7.6	lb/mmcf	0.32
213A1	213A-EU1	213A1 - Spray Dryer Bypass Stack	0	0	0	0.003	gr/dscf	0.02	0.003	gr/dscf	0.02	0.003	gr/dscf	0.02
214A	214A-EU1	214A SD Pneumatic Conveying	Feed	0.4	ton/hour	0.086	lb/hr	0.38	0.00061	lb/ton	0.00	0.02	lb/ton	0.11
215A	215A-EU1	215A SD Weigh Hopper 1	Feed	1	ton/hour	0.00025	lb/ton	0.00	0.00	lb/ton	0.00	0.03	lb/ton	0.11
216A	216A-EU1	216A CALCIUM CARBONATE Pneumatic Transfer System	Calcium Carbonate	1	ton/hour	0.03	lb/hr	0.13	0.00061	lb/ton	0.00	0.06	lb/ton	0.27
218A	218A-EU1	218A Blending Tunnel Bin BTB101	Feed	50	ton/hour	0.00025	lb/ton	0.05	0.00025	lb/ton	0.05	0.03	lb/ton	5.48
218B	218B-EU1	218B Blending Tunnel Bin BTB102	Feed	50	ton/hour	0.00025	lb/ton	0.05	0.00025	lb/ton	0.05	0.03	lb/ton	5.48
218C	218C-EU1	218C Blending Tunnel Bin BTB103	Feed	50	ton/hour	0.00025	lb/ton	0.05	0.00025	lb/ton	0.05	0.03	lb/ton	5.48
218D	218D-EU1	218D Blending Tunnel Bin BTB104	Feed	50	ton/hour	0.00025	lb/ton	0.05	0.00025	lb/ton	0.05	0.03	lb/ton	5.48
218E	218E-EU1	218E Blending Tunnel Bin BTB105	Feed	50	ton/hour	0.00025	lb/ton	0.05	0.00025	lb/ton	0.05	0.03	lb/ton	5.48

PTE-RULE

[illegible]

PTE-RULE

DIAMOND											
EIQ# 92-70											
	NH ₃			HAPs		ACEHY					
	PTE-EF			PTE-Single	PTE-Total	PTE-EF			PTE-UNCONTROLLED		
EP ID	EF	EF UNITS	TPY	TPY	TPY	EF	EF Units	TPY	EF	EF Units	TPY
0			1.70	9.40	24.40			93.63			1482.92
0											
208J						0.054	lb/ton	0.85	0.054	lb/ton	0.85
						0.01	lb/ton	0.16	0.01	lb/ton	0.16
						0.02	lb/ton	0.32	0.02	lb/ton	0.32
						0.004	lb/ton	0.06	0.004	lb/ton	0.06
						0.02	lb/ton	0.32	0.02	lb/ton	0.32
						0.054	lb/ton	0.85	0.054	lb/ton	0.85
208J1											
208K						0.054	lb/ton	0.85	0.054	lb/ton	0.85
						0.01	lb/ton	0.16	0.01	lb/ton	0.16
						0.02	lb/ton	0.32	0.02	lb/ton	0.32
						0.004	lb/ton	0.06	0.004	lb/ton	0.06
						0.02	lb/ton	0.32	0.02	lb/ton	0.32
						0.054	lb/ton	0.85	0.054	lb/ton	0.85
208K1											
208L						0.054	lb/ton	0.85	0.054	lb/ton	0.85
						0.01	lb/ton	0.16	0.01	lb/ton	0.16
						0.02	lb/ton	0.32	0.02	lb/ton	0.32
						0.004	lb/ton	0.06	0.004	lb/ton	0.06
						0.02	lb/ton	0.32	0.02	lb/ton	0.32
						0.054	lb/ton	0.85	0.054	lb/ton	0.85
208L1											
209A											
209B											
209C											
209D											
209E											
209F											
209F2											
209G											
209G1											
209G2											
209H											
209H1											
209H2											
209I											
211A											
211B											
211C											
211D											
212A											
213A						0.15	lb/ton	0.32	0.15	lb/ton	6.31
0	3.2	lb/mmcf	0.14016								
0	3.2	lb/mmcf	0.13455								
213A1						0.008	lb/ton	0.00	0.008	lb/ton	0.00
214A											
215A											
216A											
218A											
218B											
218C											
218D											
218E											

PTE-RULE

DIAMOND																		
EIQ# 92-70																		
	FORMALDEHYDE						HEXANE						LEAD					
	PTE-EF			PTE-UNCONTROLLED			PTE-EF			PTE-UNCONTROLLED			PTE-EF			PTE-UNCONTROLLED		
EP ID	EF	EF Units	TPY	EF	EF Units	TPY	EF	EF Units	TPY	EF	EF Units	TPY	EF	EF Units	TPY	EF	EF Units	TPY
0			6.44			128.16			0.90			0.90			0.00			0.00
0																		
208J																		
208J1																		
208K																		
208K1																		
208L																		
208L1																		
209A																		
209B																		
209C																		
209D																		
209E																		
209F																		
209F2																		
209G																		
209G1																		
209G2																		
209H																		
209H1																		
209H2																		
209I																		
211A																		
211B																		
211C																		
211D																		
212A																		
213A																		
0	0.075	lb/mmcf	0.00	0.08	lb/mmcf	0.00	1.8	lb/mmcf	0.08	1.8	lb/mmcf	0.08	5.00E-04	lb/mmcf	2.19E-05	5.00E-04	lb/mmcf	2.19E-05
0	0.075	lb/mmcf	0.00	0.08	lb/mmcf	0.00	1.8	lb/mmcf	0.08	1.8	lb/mmcf	0.08	5.00E-04	lb/mmcf	2.10E-05	5.00E-04	lb/mmcf	2.10E-05
213A1																		
214A																		
215A																		
216A																		
218A																		
218B																		
218C																		
218D																		
218E																		

PTE-RULE

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PTE-RULE

[illegible]

PTE-RULE

[illegible]

PTE-GHG

DIAMOND V MILLS, LLC
EIQ# 92-7025

Facility# 57-01-237

Data from Tables C-1 and C-2 to Subpart C of Part 98 as identified in IDNR's GHG Estimation of GHG Emissions

	HHV, MMBtu/gallon	CO ₂ Emission Factor	CH ₄ Emission Factor	N ₂ O Emission Factor
	HHV, MMBtu/scf for Nat Gas	lb CO ₂ /MMBtu	lb CH ₄ /MMBtu	lb N ₂ O/MMBtu
Natural Gas	0.001026	116.98	0.0022	0.00022
Diesel, #2	0.138	163.05	0.0066	0.0013

Conversion Factors	
2.20462	lbs = 1 kg
0.90718	metric tons = 1 ton

EP	EU	Rated Capacity	Units	Metric Tons CO ₂	Short Tons CO ₂	Metric Tons CH ₄	Short Tons CH ₄	Metric Tons N ₂ O	Short Tons N ₂ O	Notes
207A	207A-EU2 Dryer 5 Burner	5	MMBtu/hr	2324.07	2561.86	0.04	0.05	0.00	0.00	
207A	207A-EU4 Dryer 6 Burner	5	MMBtu/hr	2324.07	2561.86	0.04	0.05	0.00	0.00	
207A	207A-EU5 Dryer 5/6 RTO	6	MMBtu/hr	2788.88	3074.23	0.05	0.06	0.01	0.01	
207B	207B-EU2 Dryer 7 Burner	5	MMBtu/hr	2324.07	2561.86	0.04	0.05	0.00	0.00	
207B	207B-EU4 Dryer 8 Burner	5	MMBtu/hr	2324.07	2561.86	0.04	0.05	0.00	0.00	
207B	207B-EU5 Dryer 7/8 RTO	6	MMBtu/hr	2788.88	3074.23	0.05	0.06	0.01	0.01	
207C	207C-EU2 Dryer 9 Burner	5	MMBtu/hr	2324.07	2561.86	0.04	0.05	0.00	0.00	
207C	207C-EU4 Dryer 10 Burner	5	MMBtu/hr	2324.07	2561.86	0.04	0.05	0.00	0.00	
207C	207C-EU5 Dryer 9/10 RTO	6	MMBtu/hr	2788.88	3074.23	0.05	0.06	0.01	0.01	
207D	207D-EU2 Dryer 11 Burner	5	MMBtu/hr	2324.07	2561.86	0.04	0.05	0.00	0.00	
207D	207D-EU4 Dryer 12 Burner	5	MMBtu/hr	2324.07	2561.86	0.04	0.05	0.00	0.00	
207D	207D-EU5 Dryer 11/12 RTO	6	MMBtu/hr	2788.88	3074.23	0.05	0.06	0.01	0.01	
207E	207E-EU4 Dryer 14 Burner	8	MMBtu/hr	3718.51	4098.98	0.07	0.08	0.01	0.01	
207E	207E-EU5 Dryer 14 RTO	7.5	MMBtu/hr	3486.10	3842.79	0.07	0.07	0.01	0.01	
207F	207F-EU2 Dryer 15 Burner	8	MMBtu/hr	3718.51	4098.98	0.07	0.08	0.01	0.01	
207F	207F-EU4 Dryer 16 Burner	8	MMBtu/hr	3718.51	4098.98	0.07	0.08	0.01	0.01	
207F	207F-EU5 Dryer 15/16 RTO	7.5	MMBtu/hr	3486.10	3842.79	0.07	0.07	0.01	0.01	
213A	213A-EU2 Spray Dryer Burner	10	MMBtu/hr	4648.14	5123.72	0.09	0.10	0.01	0.01	
213A	213A-EU3 Spray Dryer RTO	9.6	MMBtu/hr	4462.21	4918.78	0.08	0.09	0.01	0.01	
210A	Boiler	3.348	MMBtu/hr	1556.20	1715.42	0.03	0.03	0.00	0.00	
210B	Boiler	3.348	MMBtu/hr	1556.20	1715.42	0.03	0.03	0.00	0.00	
GHG Totals:				60098.59	66247.70	1.13	1.25	0.11	0.12	
CO ₂ Equivalents:				60098.59	66247.70	28.26	31.15	33.68	37.13	
GHG Mass Basis :				60099.83	66249.07					
CO₂e Basis Totals:				60160.53	66315.98					

CO ₂ e	GWP CO ₂ = 1 CH ₄ = 25 N ₂ O = 298
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2025ACTUALS

[illegible]

2025ACTUALS

DIAMOND V MILLS, LLC

EQ# 92-7025

Facility# 57-01-237

[illegible]

DIAMOND										0.00				0.00				0.00							
EIQ# 92																									

Monitoring

EP	EU	EU	Opacity Monitoring	Controlled Minor	Controlled Significant	Controlled Major	Uncontrolled Minor	Uncontrolled Significant	Uncontrolled Major	O&M Type	Test (#/Pollutant)	Notes
201A	201A-EU1	201A Receiving Pit 1 Drag Conveyor	No	--	--	--	PM PM10 PM2.5	--	--	None		
201B	201B-EU1	201B Receiving Pit 2 Drag Conveyor	No	--	--	--	PM PM10 PM2.5	--	--	None		
201C	201C-EU1	201C Receiving Pit 101 Drag Conveyor	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
202A	202A-EU1	202A Grain Transfer to Day Bin 1	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
202B	202B-EU1	202B Grain Transfer to Day Bin 2	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
202C	202C-EU1	202C Grain Transfer to Day Bin 3	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
202D	202D-EU1	202D Grain Transfer to Day Bin 4	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
202E	202E-EU1	202E Grain Transfer to Day Bin 5	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
202F	202F-EU1	202F Grain Transfer to Day Bin 6	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
202G	202G-EU1	202G Grain Transfer to Day Bin 7	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
202H	202H-EU1	202H Grain Transfer to Day Bin 8	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
203A	203A-EU1	203A Pneumatic Grain Transfer	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None	PM	Definitively confirm CAM applicability for rene
203B	203B-EU1	203B Hammermill 2	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None	PM	Definitively confirm CAM applicability for rene
203C	203C-EU1	203C Hammermill 3	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
203D	203D-EU1	203D Tunnel Hammermill 155	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
203E	203E-EU1	203E Pneumatic Feed Transfer from Hammermill 155	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
203H	203H-EU1	203H FP Pneumatic Transfer 2	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
204A	204A-EU1	204A Batching Bins 1-16	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
204B	204B-EU1	204B Batching Bins 17-32	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
204C	204C-EU1	204C Batching Bins 33-48	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
204D	204D-EU1	204D Batching Bins 49-64	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
204E	204E-EU1	204E Batching Bins BB101	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
204E2	204E2-EU1	204E2 Batching Bin BB102	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
204E3	204E3-EU1	204E3 Batchin Bin BB103	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
204E4	204E4-EU1	204E4 Batching Bin BB104	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
204E5	204E5-EU1	204E5 Batching Bin BB105	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
204E6	204E6-EU1	204E6 Batching Bin BB106	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
204E7	204E7-EU1	204E7 Batching Bin BB107	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
204E8	204E8-EU1	204E8 Batching Bin BB108	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
204E9	204E9-EU1	204E9 Batching Bin BB109	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
204E10	204E10-EU1	204E10 Batching Bin BB110	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
204E11	204E11-EU1	204E11 Batching Bin BB111	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
204E12	204E12-EU1	204E12 Batching Bin BB112	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
204G	204G-EU1	204G Batching Bins BB113	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
204G2	204G2-EU1	204G2 Batching Bin BB114	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
204G3	204G3-EU1	204G3 Batching Bin BB115	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
204G4	204G4-EU1	204G4 Batching Bin BB116	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
204G5	204G5-EU1	204G5 Batching Bin BB117	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
204G6	204G6-EU1	204G6 Batching Bin BB118	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
204G7	204G7-EU1	204G7 Batching Bin BB119	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
204G8	204G8-EU1	204G8 Batching Bin BB120	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
204H	204H-EU1	204H Day Bin DB101	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
204H1	204H1-EU1	204H1 Batching Bin BB121	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
204H2	204H2-EU1	204H2 Batching Bin BB122	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
204H3	204H3-EU1	204H3 Batching Bin BB123	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
204H4	204H4-EU1	204H4 Batching Bin BB124	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
204H5	204H5-EU1	204H5 Batching Bin BB125	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
204H6	204H6-EU1	204H6 Batching Bin BB126	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
204H7	204H7-EU1	204H7 Batching Bin BB127	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
204H8	204H8-EU1	204H8 Batching Bin BB128	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
204H9	204H9-EU1	204H9 Batching Bin BB129	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
204H10	204H10-EU1	204H10 Batching Bin BB130	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		

Monitoring

EP	EU	EU	Opacity Monitoring	Controlled Minor	Controlled Significant	Controlled Major	Uncontrolled Minor	Uncontrolled Significant	Uncontrolled Major	O&M Type	Test (#/Pollutant)	Notes
204H11	204H11-EU1	204H11 Batching Bin BB131	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
204H12	204H12-EU1	204H12 Batching Bin BB132	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
204I	204I-EU1	204I Day Bin DB102	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
204J	204J-EU1	204J - Day Bin DB103	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
204K	204K-EU1	204K - Day Bin DB104	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
205A	205A-EU1	205A Weigh Hopper 1	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
205B	205B-EU1	205B Weigh Hopper 2	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
205C	205C-EU1	205C Weigh Hopper 3	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
205D	205D-EU1	205D Weigh Hopper 4	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
205E	205E-EU1	205E Weigh Hopper 5	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
205F	205F-EU1	205F Weigh Hopper 6	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
205G	205G-EU1	205G Weigh Hopper 7	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
205G1	205G1-EU1	205G1 Screw Conveyor 7	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
205H	205H-EU1	205H Weigh Hopper 8	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
205H1	205H1-EU1	205H1 Weigh Hopper 9	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
205I	205I-EU1	205I - Batching Bin WH101	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
205J	205J-EU1	205J - Batching Bin WH102	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
205K	205K-EU1	205K Weigh Hopper 103	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
205K1	205K1-EU1	205K1 Weigh Hopper 104	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
205L	205L-EU1	205L Tunnel Weigh Hopper 105	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
205N	205N-EU1	205N Weigh Hopper 107	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
205O	205O-EU1	205O Weigh Hopper 108	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
205P	205P-EU1	205P Weigh Hopper 109	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
206A	206A-EU1	206A Surge Hopper 1	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
206B	206B-EU1	206B Surge Hopper 2	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
206C	206C-EU1	206C Surge Hopper 3	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
206D	206D-EU1	206D Surge Hopper 4	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
206G	206G-EU1	206G Surge Hopper 7	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
206H	206H-EU1	206H Surge Hopper 8	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
206I	206I-EU1	206I - Surge Hopper SH-102	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
206J	206J-EU1	206J Surge Hoopper SH-103	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
206K	206K-EU1	206K - Surge Hopper SH-104	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
206L	206L-EU1	206L Tunnel Surge Hopper SH-105	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
206P	206P-EU1	206P Surge Hopper SH-109	No	PM+E200+E6/E91+E+E8/E91	--	--	PM PM10 PM2.5	--	--	None		
207A	207A-EU1	Dryer 5	No	PM PM10 PM2.5 VOC HAP	--	--	NOx CO SO2	PM10 PM2.5	PM VOC HAP	Facility	PM	PTO meets 40 CFR §70.6(a)(3)(i)(b) criteria; Rejected PM Test
	207A-EU2	Dryer 5 Burner										
	207A-EU3	Dryer 6										
	207A-EU4	Dryer 6 Burner										
	207A-EU5	Dryer 5/6 RTO Burner										
207A1	207A-EU1-4	207A1 - Dryer 5 Bypass	No	--	--	--	PM PM10 PM2.5 VOC HAP	--	--	None		
207A2	207A-EU3-4	207A2 - Dryer 6 Bypass	No	--	--	--	PM PM10 PM2.5 VOC HAP	--	--	None		
207B	207B-EU1	Dryer 7	No	PM PM10 PM2.5 VOC HAP	--	--	NOx CO SO2	PM10 PM2.5	PM VOC HAP	Facility	PM	PTO meets 40 CFR §70.6(a)(3)(i)(b) criteria; Rejected PM Test
	207B-EU2-4	Dryer 7 Burner										
	207B-EU3	Dryer 8										

Monitoring

EP	EU	EU	Opacity Monitoring	Controlled Minor	Controlled Significant	Controlled Major	Uncontrolled Minor	Uncontrolled Significant	Uncontrolled Major	O&M Type	Test (#/Pollutant)	Notes
	207B-EU4 207B-EU5	Dryer 8 Burner Dryer 7/8 RTO Burner										
207B1	207B-EU1-4	207B1 - Dryer 7 Bypass	No	--	--	--	PM PM10 PM2.5 VOC HAP	--	--	None		
207B2	207B-EU3-4	207B2 - Dryer 8 Bypass	No	--	--	--	PM PM10 PM2.5 VOC HAP	--	--	None		
207C	207C-EU1	Dryer 9	No	PM PM10 PM2.5 VOC HAP	--	--	NOx CO SO2	PM10 PM2.5	PM VOC HAP	Facility	PM	PTO meets 40 CFR §70.6(a)(3)(i)(b) criteria; Rej PM Test
	207C-EU2 207C-EU3 207C-EU4 207C-EU5	Dryer 9 Burner Dryer 10 Dryer 10 Burner Dryer 9/10 RTO Burner										
207C1	207C-EU1-4	207C1 - Dryer 9 Bypass	No	--	--	--	PM PM10 PM2.5 VOC HAP	--	--	None		
207C2	207C-EU3-4	207C2 - Dryer 10 Bypass	No	--	--	--	PM PM10 PM2.5 VOC HAP	--	--	None		
207D	207D-EU1	207D - Dryer 11	No	PM PM10 PM2.5 VOC HAP	--	--	NOx CO SO2	PM10 PM2.5	PM VOC HAP	Facility	PM	PTO meets 40 CFR §70.6(a)(3)(i)(b) criteria; Rej PM Test
	207D-EU2 207D-EU3 207D-EU4 207D-EU5	Dryer 11 Burner Dryer 12 Dryer 12 Burner Dryer 11/12 RTO Burner										
207D1	207D-EU1-4	207D1 - Dryer 11 Bypass	No	--	--	--	PM PM10 PM2.5 VOC HAP	--	--	None		
207D2	207D-EU3-4	207D2 - Dryer 12 Bypass	No	--	--	--	PM PM10 PM2.5 VOC HAP	--	--	None		
207E	207E-EU3	207E - Dryer 14	No	PM PM10 PM2.5 VOC HAP	--	--	NOx CO SO2	PM10 PM2.5	PM VOC HAP	Facility	PM	PTO meets 40 CFR §70.6(a)(3)(i)(b) criteria; Rej PM Test (will not be included since only a singl currently installed)
	207E-EU4 207E-EU5	Dryer 14 Burner Dryer 14 RTO Burner										
207E2	207E-EU3-4	207E2 - Dryer 14 Bypass	No	--	--	--	PM PM10 PM2.5 VOC HAP	--	--	None		
207F	207F-EU1	Dryer 15	No	PM PM10 PM2.5 VOC HAP	--	--	NOx CO SO2	PM10 PM2.5	PM VOC HAP	Facility	PM	PTO meets 40 CFR §70.6(a)(3)(i)(b) criteria; Rej PM Test
	207F-EU2 207F-EU3 207F-EU4 207F-EU5	Dryer 15 Burner Dryer 16 Dryer 16 Burner Dryer 15/16 RTO Burner										
207F1	207F-EU1-4	207F1 - Dryer 15 Bypass	No	--	--	--	PM PM10 PM2.5 VOC HAP	--	--	None		

Monitoring

EP	EU	EU	Opacity Monitoring	Controlled Minor	Controlled Significant	Controlled Major	Uncontrolled Minor	Uncontrolled Significant	Uncontrolled Major	O&M Type	Test (#/Pollutant)	Notes
207F2	207F-EU3-4	207F2 - Dryer 16 Bypass	No	--	--	--	PM PM10 PM2.5 VOC HAP	--	--	None		
208A	208A-EU1	208A - Cooler 5	No	PM PM10 PM2.5	--	--	PM10 PM2.5 VOC HAP	PM	--	Facility	VOC/HAP	PTO meets 40 CFR §70.6(a)(3)(i)(b) criteria; Rej VOC/HAP Test
	208A-EU2	Impact Mill 5										
208B	208B-EU1	208B - Cooler 6	No	PM PM10 PM2.5	--	--	PM10 PM2.5 VOC HAP	PM	--	Facility	VOC/HAP	PTO meets 40 CFR §70.6(a)(3)(i)(b) criteria; Rej VOC/HAP Test
	208B-EU2	Impact Mill 6										
208B1	208B1-EU1	208B1 Pneumatic Transfer from Coolers 6/7	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5 VOC HAP	--	--	None		
208C	208C-EU1	208C - Cooler 7	No	PM PM10 PM2.5	--	--	PM10 PM2.5 VOC HAP	PM	-	Facility	VOC/HAP	PTO meets 40 CFR §70.6(a)(3)(i)(b) criteria; Rej VOC/HAP Test
	208C-EU2	Impact Mill 7										
208E	208E-EU1	208E - Cooler 9	No	PM PM10 PM2.5	--	--	PM10 PM2.5 VOC HAP	PM	--	Facility	VOC/HAP	PTO meets 40 CFR §70.6(a)(3)(i)(b) criteria; Rej VOC/HAP Test
	208E-EU2	Impact Mill 9										
208G	208G-EU1	208G - Cooler 11	No	PM PM10 PM2.5	--	--	PM10 PM2.5 VOC HAP	PM	--	Facility	VOC/HAP	PTO meets 40 CFR §70.6(a)(3)(i)(b) criteria; Rej VOC/HAP Test
	208G-EU2	Impact Mill 11										
208J	208J-EU1	208J - Cooler 14	No	PM PM10 PM2.5	--	--	PM10 PM2.5 VOC HAP	PM	--	Facility	VOC/HAP	PTO meets 40 CFR §70.6(a)(3)(i)(b) criteria; Rej VOC/HAP Test
208J1	208J1-EU1	208J1 - Pneumatic Transfer from Cooler 14	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5 VOC HAP	--	--	None		
208K	208K-EU1	208K - Cooler 15	No	PM PM10 PM2.5	--	--	PM10 PM2.5 VOC HAP	PM	--	Facility	VOC/HAP	PTO meets 40 CFR §70.6(a)(3)(i)(b) criteria; Rej VOC/HAP Test
208K1	208K1-EU1	208K1 - Pneumatic Transfer from Cooler 15	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5 VOC HAP	--	--	None		
208L	208L-EU1	208L - Cooler 16	No	PM PM10 PM2.5	--	--	PM10 PM2.5 VOC HAP	PM	--	Facility	VOC/HAP	PTO meets 40 CFR §70.6(a)(3)(i)(b) criteria; Rej VOC/HAP Test
208L1	208L1-EU1	208L1 - Pneumatic Transfer from Cooler 16	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5 VOC HAP	--	--	None		
209A	209A-EU1	209A Packaging Line 1	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
209B	209B-EU1	209B Packaging Line 2	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
209C	209C-EU1	209C Bulk Bag Filling Station Weigh	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
209D	209D-EU1	209D Packaging Line 3	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
209E	209E-EU1	209E Bulk Bag Filling Station Weigh	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
209F	209F-EU1	209F Packaging Line 4	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
209F2		209F2 Packaging Line 4	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
209G	209G-EU1	209G Packaging Line 101	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
209G1	209G1-EU1	209G1 Packaging Bin 101	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
209G2	209G2-EU1	209G2 Packaging Line 101 Weigh Hopper	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
209H	209H-EU1	209H Packaging Line PL102	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
209H1	209H1-EU1	209H1 Packaging Bin PB102	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
209H2	209H2-EU1	209H2 Packaging Line 102	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
209I	209I-EU1	209I Bulk Bag Filling Station SH105	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
211A	211A-EU1	211A - Tunnel Bin 101	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
211B	211B-EU1	211B - Tunnel Bin 102	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		

Monitoring

EP	EU	EU	Opacity Monitoring	Controlled Minor	Controlled Significant	Controlled Major	Uncontrolled Minor	Uncontrolled Significant	Uncontrolled Major	O&M Type	Test (#/Pollutant)	Notes
211C	211C-EU1	211C - Tunnel Bin TB103	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
211D	211D-EU1	211D - Tunnel Bin TB104	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
212A	212A-EU1	212A Bulk Loadout Conveyor	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
213A	213A-EU1	213A - Spray Dryer	No	PM PM10 PM2.5 VOC	--	--	HAP	PM10 PM2.5	PM VOC	Facility		PTO meets 40 CFR §70.6(a)(3)(i)(b) criteria
	213A-EU2	Spray Dryer Burner										
	213A-EU3	Spray Dryer RTO Burner										
213A1	213A-EU1	213A1 - Spray Dryer Bypass Stack	No	--	--	--	PM PM10 PM2.5 VOC HAP	--	--	None		
214A	214A-EU1	214A SD Pneumatic Conveying	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
215A	215A-EU1	215A SD Weigh Hopper 1	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
216A	216A-EU1	216A CALCIUM CARBONATE Pneumatic Transfer System	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
218A	218A-EU1	218A Blending Tunnel Bin BTB101	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
218B	218B-EU1	218B Blending Tunnel Bin BTB102	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
218C	218C-EU1	218C Blending Tunnel Bin BTB103	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
218D	218D-EU1	218D Blending Tunnel Bin BTB104	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
218E	218E-EU1	218E Blending Tunnel Bin BTB105	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
218F	218F-EU1	218F Blending Tunnel Bin BTB106	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
219A	219A-EU1	219A Loadout Bin LOB101	Yes	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
219B	219B-EU1	219B Loadout Bin LOB102	Yes	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
220A	220A-EU1	220A Bulk Loadout	Yes	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
221A	221A-EU1	221A Bag Break Station BBS-4960	No	PM PM10 PM2.5	--	--	PM PM10 PM2.5	--	--	None		
300A	300A-EU1	300A - YGS Bioreactor 1	No	--	--	--	VOC	--	--	None		
300B	300B-EU1	300B - YGS Bioreactor 2	No	--	--	--	VOC	--	--	None		
153	276											

Summary			PM	PM _{2.5}	PM ₁₀	SO ₂	NO _x	CO	VOC	HAP
Total Stack tests (per DNR PM Policy)			20	7	0	0	0	0	7	6
Total Stack Tests required:			5	3					1	1
O&M Plans Agency			0							
Facility			15	Note: All 15 sources operate under PTOs and meet 70.6(a)(3)(i)(b) criteria, therefore they will not be required to have a Facility O&M Plan.						
CAM			0	Note: CAM will apply to 7 sources the first renewal.						
Opacity Monitoring			3							

EU#		Pounds/Year													
		CO	NO _x	SO ₂	Total PM	PM ₁₀	PM _{2.5}	VOC	Lead	High Risk Toxics	Toxics - not High Risk Group	Fluorides	Reduced Sulfur Cpds	Sulfur Acid Mists	Hydrogen Sulfide
YCT1	YEAST CREAM TANK 1				0	0	0	0							
YCT2	YEAST CREAM TANK 2				0	0	0	0							
YCT3	YEAST CREAM TANK 3				0	0	0	0							
YCT4	YEAST CREAM TANK 4				0	0	0	0							
DFT1	DRYER FEED TANK 1				0	0	0	2							
DFT2	DRYER FEED TANK 2				0	0	0	2							
DFT3	DRYER FEED TANK 3				0	0	0	2							
DFT4	DRYER FEED TANK 4				0	0	0	2							
DFT5	DRYER FEED TANK 5				0	0	0	2							
DFT6	DRYER FEED TANK 6				0	0	0	2							
SYT1	SELENIUM YEAST TANK 1				0	0	0	0							
SYT2	SELENIUM YEAST TANK 2				0	0	0	0							
MT1	MOLASSES TANK 1				0	0	0	0							
MT2	MOLASSES TANK 2				0	0	0	0							
MT3	MOLASSES TANK 3				0	0	0	0							
MT4	MOLASSES TANK 4				0	0	0	0							
N1T1	NUTRIENT 1 TANK 1				0	0	0	0							
N1T2	NUTRIENT 1 TANK 2				0	0	0	0							
N1T3	NUTRIENT 1 TANK 3				0	0	0	0							
N1T4	NUTRIENT 1 TANK 4				0	0	0	0							
N3T1	NUTRIENT 3 TANK 1				0	0	0	0							
N3T2	NUTRIENT 3 TANK 2				0	0	0	0							
N3T3	NUTRIENT 3 TANK 3				0	0	0	0							
N3T4	NUTRIENT 3 TANK 4				0	0	0	0							
210A-EU1	BOILER 1	4415	5256	32	399	399	399	289	0		98				
210B-EU1	BOILER 2	4415	5256	32	399	399	399	289	0		98				
Totals (Pounds/Year)		8830	10512	64	798	798	798	590	0	0	196	0	0	0	0
Total (Tons/Year)		4.42	5.26	0.03	0.40	0.40	0.40	0.30	0.00	0.00	0.10	0.00	0.00	0.00	0.00

Insignificant
Activities
Exclusion
Reference
(567 IAC)

26 INSIGNIFICANT UNITS.
26 insignificant units. The other units listed in Form 1.3 can be excluded from Form 1.3 per 567 IAC 24.103(1).