

Emission Sources - Maximum Allowable Emission Rates

Permit Number 8221A

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property covered by this permit. The emission rates shown are those derived from information submitted as part of the application for permit and are the maximum rates allowed for these facilities, sources, and related activities. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

Air Contaminants Data

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates (7) | |
|------------------------|---|--------------------------|--------------------|---------|
| | | | lbs/hour | TPY (4) |
| 1 | Milling #2 Oversized Baghouse Stack (6) | PM | 0.03 | 0.14 |
| | | PM ₁₀ | 0.03 | 0.14 |
| | | PM _{2.5} | 0.01 | 0.02 |
| 7A | T-820s Splits Transfer Out Baghouse Stack (6) | PM | 0.04 | 0.09 |
| | | PM ₁₀ | 0.04 | 0.09 |
| | | PM _{2.5} | 0.01 | 0.01 |
| 7B | T-820s Splits Transfer Out Baghouse Stack (6) | PM | 0.04 | 0.09 |
| | | PM ₁₀ | 0.04 | 0.09 |
| | | PM _{2.5} | 0.01 | 0.01 |
| 8 | T-820s Splits Transfer Out Baghouse Stack (6) | PM | 0.21 | 0.38 |
| | | PM ₁₀ | 0.21 | 0.38 |
| | | PM _{2.5} | 0.04 | 0.06 |
| 9 | Splits Railcar Unloading Baghouse Stack (6) | PM | 0.04 | 0.08 |
| | | PM ₁₀ | 0.04 | 0.08 |
| | | PM _{2.5} | 0.01 | 0.01 |
| 11 | New SMCA Mix Tank Baghouse Stack (6) | PM | 0.12 | 0.53 |
| | | PM ₁₀ | 0.12 | 0.53 |
| | | PM _{2.5} | 0.02 | 0.09 |
| 23 | TPS Bean Cleaner Baghouse Stack (6) | PM | 0.09 | 0.05 |
| | | PM ₁₀ | 0.09 | 0.05 |
| | | PM _{2.5} | 0.02 | 0.01 |
| 25 | TK 13-14 Outlet Baghouse Stack (6) | PM | 0.03 | 0.07 |
| | | PM ₁₀ | 0.03 | 0.07 |
| | | PM _{2.5} | 0.01 | 0.01 |
| 49A | TK No. 811A Baghouse Stack (6) | PM | 0.04 | 0.19 |
| | | PM ₁₀ | 0.04 | 0.19 |
| | | PM _{2.5} | 0.01 | 0.03 |

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| | | | | |
|-----|--|-------------------|-------|-------|
| 49B | TK No. 811B Baghouse Stack (6) | PM | 0.04 | 0.19 |
| | | PM ₁₀ | 0.04 | 0.19 |
| | | PM _{2.5} | 0.01 | 0.03 |
| 54 | TK No. 809A Baghouse Stack (6) | PM | 0.04 | 0.09 |
| | | PM ₁₀ | 0.04 | 0.09 |
| | | PM _{2.5} | 0.01 | 0.02 |
| 55 | TK No. 809B Baghouse Stack (6) | PM | 0.04 | 0.09 |
| | | PM ₁₀ | 0.04 | 0.09 |
| | | PM _{2.5} | 0.01 | 0.02 |
| 56 | TK No. 801A Baghouse Stack (6) | PM | 0.04 | 0.19 |
| | | PM ₁₀ | 0.04 | 0.19 |
| | | PM _{2.5} | 0.01 | 0.03 |
| 57 | TK No. 801B Baghouse Stack (6) | PM | 0.04 | 0.19 |
| | | PM ₁₀ | 0.04 | 0.19 |
| | | PM _{2.5} | 0.01 | 0.03 |
| 60A | M2 Exhaust Blower A (Food Grade) Cyclone Stack [Furnace] | PM | 0.87 | 3.60 |
| | | PM ₁₀ | 0.74 | 3.08 |
| | | PM _{2.5} | 0.16 | 0.66 |
| | | VOC | 0.03 | 0.12 |
| | | NO _x | 0.49 | 2.15 |
| | | CO | 0.41 | 1.80 |
| | | SO ₂ | 0.07 | 0.31 |
| 60B | M2 Exhaust Blower B (Food Grade) Cyclone Stack [Furnace] | PM | 0.87 | 3.60 |
| | | PM ₁₀ | 0.74 | 3.08 |
| | | PM _{2.5} | 0.16 | 0.66 |
| | | VOC | 0.03 | 0.12 |
| | | NO _x | 0.49 | 2.15 |
| | | CO | 0.41 | 1.80 |
| | | SO ₂ | 0.07 | 0.31 |
| 66 | M-2 Vacuum System Baghouse Stack (6) | PM | 0.01 | 0.01 |
| | | PM ₁₀ | 0.01 | 0.01 |
| | | PM _{2.5} | <0.01 | <0.01 |
| 67 | M-2 Fin. Product Baghouse Stack (6) | PM | 0.03 | 0.11 |
| | | PM ₁₀ | 0.03 | 0.11 |
| | | PM _{2.5} | <0.01 | 0.02 |

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| | | | | |
|------|--|-------------------|-------|-------|
| 70 | 901, 902, 903 Splits HB Baghouse Stack (6) | PM | 0.21 | 0.90 |
| | | PM ₁₀ | 0.21 | 0.90 |
| | | PM _{2.5} | 0.04 | 0.15 |
| 72 | Scrubber Vent | HAP | 0.95 | 5.07 |
| PP-3 | Pilot Plant VOC Vent | HAP | 0.01 | <0.01 |
| SC-1 | BigSky HAP Scrubber | HAP | <0.01 | <0.01 |
| SC-2 | Reactor Scrubber | HAP | 0.36 | 0.27 |
| 80 | Splits Receiving Before 902s and 903s Baghouse Stack (6) | PM | 0.07 | 0.30 |
| | | PM ₁₀ | 0.07 | 0.30 |
| | | PM _{2.5} | 0.01 | 0.05 |
| 131 | Mill 4A Product Receiving Cyclone Stack [Furnace] | PM | 1.59 | 6.57 |
| | | PM ₁₀ | 1.36 | 5.62 |
| | | PM _{2.5} | 0.26 | 1.07 |
| | | VOC | 0.04 | 0.11 |
| | | NO _x | 0.41 | 1.79 |
| | | CO | 0.34 | 1.50 |
| | | SO ₂ | 0.06 | 0.26 |
| 132 | Mill 4B Product Receiving Cyclone Stack [Furnace] | PM | 1.88 | 7.78 |
| | | PM ₁₀ | 1.60 | 6.61 |
| | | PM _{2.5} | 0.30 | 1.24 |
| | | VOC | 0.04 | 0.11 |
| | | NO _x | 0.41 | 1.79 |
| | | CO | 0.34 | 1.50 |
| | | SO ₂ | 0.06 | 0.26 |
| 133 | Mill 4D Product Receiving Cyclone Stack [Furnace] | PM | 1.31 | 5.41 |
| | | PM ₁₀ | 1.12 | 4.62 |
| | | PM _{2.5} | 0.22 | 0.90 |
| | | VOC | 0.04 | 0.11 |
| | | NO _x | 0.41 | 1.79 |
| | | CO | 0.34 | 1.50 |
| | | SO ₂ | 0.06 | 0.26 |
| 134 | Mill 4C Product Receiving Cyclone Stack [Furnace] | PM | 1.59 | 6.57 |
| | | PM ₁₀ | 1.36 | 5.62 |
| | | PM _{2.5} | 0.26 | 1.07 |

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| | | | | |
|------|---|-------------------|-------|------|
| | | VOC | 0.04 | 0.11 |
| | | NO _x | 0.41 | 1.79 |
| | | CO | 0.34 | 1.50 |
| | | SO ₂ | 0.06 | 0.26 |
| 135 | Mill 4 Side A Sifter Baghouse Stack (6) | PM | 0.05 | 0.20 |
| | | PM ₁₀ | 0.05 | 0.20 |
| | | PM _{2.5} | 0.01 | 0.03 |
| 136 | Mill 4 Side B Sifter Baghouse Stack (6) | PM | 0.05 | 0.20 |
| | | PM ₁₀ | 0.05 | 0.20 |
| | | PM _{2.5} | 0.01 | 0.03 |
| 137 | Mill 4 Side A Product Receiving Baghouse Stack (6) | PM | 0.02 | 0.09 |
| | | PM ₁₀ | 0.02 | 0.09 |
| | | PM _{2.5} | <0.01 | 0.01 |
| 138 | Mill 4 Side B Product Receiving Baghouse Stack (6) | PM | 0.02 | 0.09 |
| | | PM ₁₀ | 0.02 | 0.09 |
| | | PM _{2.5} | <0.01 | 0.01 |
| 139A | Mill 4 Product Receiving Cyclone Stack | PM | 0.08 | 0.34 |
| | | PM ₁₀ | 0.07 | 0.29 |
| | | PM _{2.5} | 0.01 | 0.05 |
| 139B | Mill 4 Product Receiving Cyclone Stack | PM | 0.08 | 0.34 |
| | | PM ₁₀ | 0.07 | 0.29 |
| | | PM _{2.5} | 0.01 | 0.05 |
| 140 | Old Bulk 10K Headbin Baghouse Stack (Food Grade) (6) | PM | 0.13 | 0.54 |
| | | PM ₁₀ | 0.13 | 0.54 |
| | | PM _{2.5} | 0.02 | 0.09 |
| 141 | Food Grade 40K Storage Tank Baghouse Stack (6) | PM | 0.13 | 0.13 |
| | | PM ₁₀ | 0.13 | 0.13 |
| | | PM _{2.5} | 0.02 | 0.02 |
| 143 | Old Bulk 20K Blender Baghouse Stack (6) | PM | 0.13 | 0.54 |
| | | PM ₁₀ | 0.13 | 0.54 |
| | | PM _{2.5} | 0.02 | 0.09 |
| 146A | Old Bulk Bagging Station 20K Blender Baghouse Stack (6) | PM | 0.20 | 0.82 |
| | | PM ₁₀ | 0.20 | 0.82 |
| | | PM _{2.5} | 0.03 | 0.14 |
| 146B | Old Bulk Bagging Station | PM | 0.20 | 0.82 |

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| | | | | |
|------|---|-------------------|------|-------|
| | 20K Blender Baghouse Stack (6) | PM ₁₀ | 0.20 | 0.82 |
| | | PM _{2.5} | 0.03 | 0.14 |
| 152 | Old Bulk Dump Back Station Baghouse Stack (6) | PM | 0.09 | 0.04 |
| | | PM ₁₀ | 0.09 | 0.04 |
| | | PM _{2.5} | 0.01 | 0.01 |
| 153 | Food Grade 40K Storage Tank Baghouse Stack (6) | PM | 0.13 | 0.13 |
| | | PM ₁₀ | 0.13 | 0.13 |
| | | PM _{2.5} | 0.02 | 0.02 |
| 155 | Food Grade 10K Blender Baghouse Stack (6) | PM | 0.13 | 0.13 |
| | | PM ₁₀ | 0.13 | 0.13 |
| | | PM _{2.5} | 0.02 | 0.02 |
| 157A | Dry Enzyme Dump Station Baghouse Stack (6) | PM | 0.07 | 0.09 |
| | | PM ₁₀ | 0.07 | 0.09 |
| | | PM _{2.5} | 0.01 | 0.02 |
| 157B | Dry Enzyme Dump Station Baghouse Stack (6) | PM | 0.04 | 0.05 |
| | | PM ₁₀ | 0.04 | 0.05 |
| | | PM _{2.5} | 0.01 | 0.01 |
| 158 | Food Grade Dump Back Station Baghouse Stack (6) | PM | 0.07 | 0.07 |
| | | PM ₁₀ | 0.07 | 0.07 |
| | | PM _{2.5} | 0.01 | 0.01 |
| 160 | Bulk 1 10K Weighbin Baghouse Stack (6) | PM | 0.20 | 0.79 |
| | | PM ₁₀ | 0.20 | 0.79 |
| | | PM _{2.5} | 0.03 | 0.13 |
| 161 | Bulk 1 10K Blender Baghouse Stack (6) | PM | 0.08 | 0.37 |
| | | PM ₁₀ | 0.08 | 0.37 |
| | | PM _{2.5} | 0.01 | 0.06 |
| 162 | Bulk 1 20K Blender Baghouse Stack (6) | PM | 0.07 | 0.31 |
| | | PM ₁₀ | 0.07 | 0.31 |
| | | PM _{2.5} | 0.01 | 0.05 |
| 164 | Bulk 1 Offline Bagging Baghouse Stack (6) | PM | 0.07 | 0.29 |
| | | PM ₁₀ | 0.07 | 0.29 |
| | | PM _{2.5} | 0.01 | 0.05 |
| 165 | Bulk 1 Tank 1 Baghouse Stack (6) | PM | 0.03 | 0.02 |
| | | PM ₁₀ | 0.03 | 0.02 |
| | | PM _{2.5} | 0.01 | <0.01 |

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| | | | | |
|------|---|-------------------|-------|-------|
| 166 | Bulk 1 Tank 2 Baghouse Stack (6) | PM | 0.03 | 0.02 |
| | | PM ₁₀ | 0.03 | 0.02 |
| | | PM _{2.5} | 0.01 | <0.01 |
| 167 | Bulk 1 Tank 3 Baghouse Stack (6) | PM | 0.03 | 0.02 |
| | | PM ₁₀ | 0.03 | 0.02 |
| | | PM _{2.5} | 0.01 | <0.01 |
| 168 | Bulk 1 Tank 4 Baghouse Stack (6) | PM | 0.03 | 0.02 |
| | | PM ₁₀ | 0.03 | 0.02 |
| | | PM _{2.5} | 0.01 | <0.01 |
| 169 | Bulk 1 Tank 5 Baghouse Stack (6) | PM | 0.03 | 0.02 |
| | | PM ₁₀ | 0.03 | 0.02 |
| | | PM _{2.5} | 0.01 | <0.01 |
| 170 | Bulk 1 Tank 6 Baghouse Stack (6) | PM | 0.03 | 0.02 |
| | | PM ₁₀ | 0.03 | 0.02 |
| | | PM _{2.5} | 0.01 | <0.01 |
| 171 | Bulk 1 Tank 7 Baghouse Stack (6) | PM | 0.03 | 0.02 |
| | | PM ₁₀ | 0.03 | 0.02 |
| | | PM _{2.5} | 0.01 | <0.01 |
| 172 | Bulk 1 Tank 8 Baghouse Stack (6) | PM | 0.03 | 0.02 |
| | | PM ₁₀ | 0.03 | 0.02 |
| | | PM _{2.5} | 0.01 | <0.01 |
| 173 | Bulk 1 Dump Back Station Baghouse Stack (6) | PM | 0.08 | 0.32 |
| | | PM ₁₀ | 0.08 | 0.32 |
| | | PM _{2.5} | 0.01 | 0.05 |
| 176 | Bulk 1 Vacuum System Baghouse Stack (6) | PM | 0.02 | 0.01 |
| | | PM ₁₀ | 0.02 | 0.01 |
| | | PM _{2.5} | <0.01 | <0.01 |
| 180A | Bulk 2 10K Weighbin Baghouse Stack (6) | PM | 0.01 | 0.06 |
| | | PM ₁₀ | 0.01 | 0.06 |
| | | PM _{2.5} | <0.01 | 0.01 |
| 180B | Bulk 2 10K Weighbin Baghouse Stack (6) | PM | 0.01 | 0.06 |
| | | PM ₁₀ | 0.01 | 0.06 |
| | | PM _{2.5} | <0.01 | 0.01 |
| 181 | Bulk 2 10K Blender | PM | 0.07 | 0.31 |

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| | | | | |
|-----|---|-------------------|-------|------|
| | Baghouse Stack (6) | PM ₁₀ | 0.07 | 0.31 |
| | | PM _{2.5} | 0.01 | 0.05 |
| 182 | Bulk 2 Vacuum System Baghouse Stack (6) | PM | 0.01 | 0.06 |
| | | PM ₁₀ | 0.01 | 0.06 |
| | | PM _{2.5} | <0.01 | 0.01 |
| 183 | Bulk 3 Vacuum System Baghouse Stack (6) | PM | 0.01 | 0.06 |
| | | PM ₁₀ | 0.01 | 0.06 |
| | | PM _{2.5} | <0.01 | 0.01 |
| 184 | Bulk 2 Offline Bagging East Baghouse Stack (6) | PM | 0.07 | 0.29 |
| | | PM ₁₀ | 0.07 | 0.29 |
| | | PM _{2.5} | 0.01 | 0.05 |
| 186 | Bulk 2 Offline Bagging East Baghouse Stack (6) | PM | 0.13 | 0.52 |
| | | PM ₁₀ | 0.13 | 0.52 |
| | | PM _{2.5} | 0.02 | 0.09 |
| 188 | Bulk 2 Dump Back Station Baghouse Stack (6) | PM | 0.06 | 0.06 |
| | | PM ₁₀ | 0.06 | 0.06 |
| | | PM _{2.5} | 0.01 | 0.01 |
| 189 | Bulk 2 Tank 16 Baghouse Stack (6) | PM | 0.07 | 0.27 |
| | | PM ₁₀ | 0.07 | 0.27 |
| | | PM _{2.5} | 0.01 | 0.05 |
| 190 | Bulk 2 Tank 15 Baghouse Stack (6) | PM | 0.07 | 0.04 |
| | | PM ₁₀ | 0.07 | 0.04 |
| | | PM _{2.5} | 0.01 | 0.01 |
| 191 | Bulk 2 Tank 14 Baghouse Stack (6) | PM | 0.07 | 0.04 |
| | | PM ₁₀ | 0.07 | 0.04 |
| | | PM _{2.5} | 0.01 | 0.01 |
| 192 | Bulk 2 Tank 13 Baghouse Stack (6) | PM | 0.07 | 0.04 |
| | | PM ₁₀ | 0.07 | 0.04 |
| | | PM _{2.5} | 0.01 | 0.01 |
| 193 | Bulk 2 Tank 12 Baghouse Stack (6) | PM | 0.07 | 0.04 |
| | | PM ₁₀ | 0.07 | 0.04 |
| | | PM _{2.5} | 0.01 | 0.01 |
| 194 | Bulk 2 Tank 11 Baghouse Stack (6) | PM | 0.07 | 0.04 |
| | | PM ₁₀ | 0.07 | 0.04 |
| | | PM _{2.5} | 0.01 | 0.01 |

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| | | | | |
|-----|--|------------------------|------|--------|
| 195 | Bulk 2 Tank 10 Baghouse Stack (6) | PM | 0.07 | 0.04 |
| | | PM ₁₀ | 0.07 | 0.04 |
| | | PM _{2.5} | 0.01 | 0.01 |
| 196 | Bulk 2 Tank 9 Baghouse Stack (6) | PM | 0.07 | 0.04 |
| | | PM ₁₀ | 0.07 | 0.04 |
| | | PM _{2.5} | 0.01 | 0.01 |
| 202 | Quaternary Amine Storage Tank | VOC (Quaternary Amine) | 0.07 | < 0.01 |
| 203 | Boiler No. 1 Stack | PM | 0.14 | 0.61 |
| | | PM ₁₀ | 0.14 | 0.61 |
| | | PM _{2.5} | 0.14 | 0.61 |
| | | VOC | 0.10 | 0.44 |
| | | NO _x | 1.83 | 8.01 |
| | | CO | 1.54 | 6.73 |
| | | SO ₂ | 0.27 | 1.16 |
| 204 | Boiler No. 2 Stack | PM | 0.14 | 0.61 |
| | | PM ₁₀ | 0.14 | 0.61 |
| | | PM _{2.5} | 0.14 | 0.61 |
| | | VOC | 0.10 | 0.44 |
| | | NO _x | 1.83 | 8.01 |
| | | CO | 1.54 | 6.73 |
| | | SO ₂ | 0.27 | 1.16 |
| 206 | Propane Tank | VOC | 0.02 | 0.09 |
| 210 | Brine Maker Operation | PM | 0.07 | 0.02 |
| | | PM ₁₀ | 0.04 | 0.01 |
| | | PM _{2.5} | 0.01 | <0.01 |
| 220 | Mill 5 A Product Receiving Cyclone Stack | PM | 0.05 | 0.19 |
| | | PM ₁₀ | 0.04 | 0.16 |
| | | PM _{2.5} | 0.01 | 0.03 |
| 221 | Mill 5 B Product Receiving Cyclone Stack | PM | 0.05 | 0.19 |
| | | PM ₁₀ | 0.04 | 0.16 |
| | | PM _{2.5} | 0.01 | 0.03 |
| 222 | Mill 5 A Product Receiving Cyclone Stack [Furnace] | PM | 1.31 | 5.43 |
| | | PM ₁₀ | 1.12 | 4.64 |
| | | PM _{2.5} | 0.22 | 0.93 |

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| | | | | |
|-----|--|-------------------|-------|------|
| | | VOC | 0.03 | 0.12 |
| | | NO _x | 0.49 | 2.15 |
| | | CO | 0.41 | 1.80 |
| | | SO ₂ | 0.07 | 0.31 |
| 223 | Mill 5 B Product Receiving Cyclone Stack [Furnace] | PM | 1.31 | 5.43 |
| | | PM ₁₀ | 1.12 | 4.64 |
| | | PM _{2.5} | 0.22 | 0.93 |
| | | VOC | 0.03 | 0.12 |
| | | NO _x | 0.49 | 2.15 |
| | | CO | 0.41 | 1.80 |
| | | SO ₂ | 0.07 | 0.31 |
| 224 | Mill 5 A Product Receiving Cyclone Stack [Furnace] | PM | 1.31 | 5.43 |
| | | PM ₁₀ | 1.12 | 4.64 |
| | | PM _{2.5} | 0.22 | 0.93 |
| | | VOC | 0.03 | 0.12 |
| | | NO _x | 0.49 | 2.15 |
| | | CO | 0.41 | 1.80 |
| | | SO ₂ | 0.07 | 0.31 |
| 225 | Mill 5 B Product Receiving Cyclone Stack [Furnace] | PM | 1.31 | 5.43 |
| | | PM ₁₀ | 1.12 | 4.64 |
| | | PM _{2.5} | 0.22 | 0.93 |
| | | VOC | 0.03 | 0.12 |
| | | NO _x | 0.49 | 2.15 |
| | | CO | 0.41 | 1.80 |
| | | SO ₂ | 0.07 | 0.31 |
| 226 | Mill 5 A Sect Recycle Collector Baghouse Stack (6) | PM | 0.04 | 0.16 |
| | | PM ₁₀ | 0.04 | 0.16 |
| | | PM _{2.5} | 0.01 | 0.03 |
| 227 | Mill 5 B Sect Recycle Collector Baghouse Stack (6) | PM | 0.04 | 0.16 |
| | | PM ₁₀ | 0.04 | 0.16 |
| | | PM _{2.5} | 0.01 | 0.03 |
| 228 | Mill 5 A Sect Product Receiver Baghouse Stack (6) | PM | 0.02 | 0.06 |
| | | PM ₁₀ | 0.02 | 0.06 |
| | | PM _{2.5} | <0.01 | 0.01 |
| 229 | Mill 5 B Sect Producer | PM | 0.02 | 0.06 |

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|------|--|-------------------|-------|------|
| | Receiver Baghouse Stack (6) | PM ₁₀ | 0.02 | 0.06 |
| | | PM _{2.5} | <0.01 | 0.01 |
| 240 | Bulk 3 20K Headbin Baghouse Stack (6) | PM | 0.12 | 0.47 |
| | | PM ₁₀ | 0.12 | 0.47 |
| | | PM _{2.5} | 0.02 | 0.08 |
| 241 | Bulk 3 Bagging Station Baghouse Stack (6) | PM | 0.07 | 0.29 |
| | | PM ₁₀ | 0.07 | 0.29 |
| | | PM _{2.5} | 0.01 | 0.05 |
| 242 | Bulk 3 Bagging Station Baghouse Stack (6) | PM | 0.44 | 1.76 |
| | | PM ₁₀ | 0.44 | 1.76 |
| | | PM _{2.5} | 0.07 | 0.30 |
| 243 | Bulk 3 Air Mix Blender Baghouse Stack (6) | PM | 0.05 | 0.20 |
| | | PM ₁₀ | 0.05 | 0.20 |
| | | PM _{2.5} | 0.01 | 0.03 |
| 244 | Bulk 2 Dry Chem Additive Station Baghouse Vent (6) | PM | 0.14 | 0.25 |
| | | PM ₁₀ | 0.14 | 0.25 |
| | | PM _{2.5} | 0.02 | 0.04 |
| 245 | Granulated Guar Process Baghouse Stack (6) | PM | 0.26 | 0.13 |
| | | PM ₁₀ | 0.26 | 0.13 |
| | | PM _{2.5} | 0.04 | 0.02 |
| 254 | Cooling Tower C Stack | PM | 0.05 | 0.20 |
| | | PM ₁₀ | 0.05 | 0.20 |
| | | PM _{2.5} | 0.05 | 0.20 |
| 255 | Cooling Tower D Stack | PM | 0.05 | 0.20 |
| | | PM ₁₀ | 0.05 | 0.20 |
| | | PM _{2.5} | 0.05 | 0.20 |
| 258 | Bulk 3 Dumpback Station Baghouse Stack (6) | PM | 0.10 | 0.10 |
| | | PM ₁₀ | 0.10 | 0.10 |
| | | PM _{2.5} | 0.02 | 0.02 |
| PP-1 | Pilot Plant Primary Cyclone Stack | PM | 0.04 | 0.09 |
| | | PM ₁₀ | 0.04 | 0.07 |
| | | PM _{2.5} | 0.01 | 0.01 |
| PP-2 | Pilot Plant Secondary Cyclone Stack | PM | 0.04 | 0.09 |
| | | PM ₁₀ | 0.04 | 0.07 |
| | | PM _{2.5} | 0.01 | 0.01 |

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| | | | | |
|--------|--|-----------------------|-------|-------|
| 260 | Milling 4 Vacuum System Baghouse Stack (6) | PM | 0.03 | 0.14 |
| | | PM ₁₀ | 0.03 | 0.14 |
| | | PM _{2.5} | 0.01 | 0.02 |
| 261 | Milling 5 Vacuum System Baghouse Stack (6) | PM | 0.02 | 0.08 |
| | | PM ₁₀ | 0.02 | 0.08 |
| | | PM _{2.5} | <0.01 | 0.01 |
| 263 | TK#809A Discharge Baghouse Stack | PM | <0.01 | <0.01 |
| | | PM ₁₀ | <0.01 | <0.01 |
| | | PM _{2.5} | <0.01 | <0.01 |
| 264 | TK#809B Discharge Baghouse Stack | PM | <0.01 | <0.01 |
| | | PM ₁₀ | <0.01 | <0.01 |
| | | PM _{2.5} | <0.01 | <0.01 |
| 265 | TK#811A Discharge Baghouse Stack | PM | <0.01 | <0.01 |
| | | PM ₁₀ | <0.01 | <0.01 |
| | | PM _{2.5} | <0.01 | <0.01 |
| 266 | TK#811B Discharge Baghouse Stack | PM | <0.01 | <0.01 |
| | | PM ₁₀ | <0.01 | <0.01 |
| | | PM _{2.5} | <0.01 | <0.01 |
| 267 | Milling 2 Gel Cyclones Stack | PM | 0.04 | 0.18 |
| | | PM ₁₀ | 0.04 | 0.15 |
| | | PM _{2.5} | 0.01 | 0.03 |
| FV-101 | Prox Equipment Leak Fugitives (5) | HAP (propylene oxide) | 0.94 | 4.11 |

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources, use area name or fugitive source name.
- (3) VOC
 - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
 - NO_x
 - total oxides of nitrogen
 - SO₂
 - sulfur dioxide
 - PM
 - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
 - PM₁₀
 - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
 - PM_{2.5}
 - particulate matter equal to or less than 2.5 microns in diameter
 - CO
 - carbon monoxide
 - HAP
 - hazardous air pollutant as listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) Bag or pleated filter replacement is an authorized maintenance activity. The emissions associated with this maintenance activity are de minimis.

Emission Sources – Maximum Allowable Emission Rates

- (7) Planned startup and shutdown emissions are included. Maintenance activities, except for bag or pleated filter replacement, are not authorized by this permit.

Date: January 24, 2018