

Emission Sources - Maximum Allowable Emission Rates

Permit Number 56523

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 | |
|------------------------|--|--------------------------|----------------|---------|
| | | | lbs/hour | TPY (4) |
| AP-C1 | Aggregate Plant Primary Crusher | PM | 0.23 | 1.02 |
| | | PM ₁₀ | 0.11 | 0.46 |
| | | PM _{2.5} | 0.02 | 0.09 |
| AP-C2 | Aggregate Plant Secondary Crusher | PM | 1.05 | 4.61 |
| | | PM ₁₀ | 0.47 | 2.05 |
| | | PM _{2.5} | 0.07 | 0.31 |
| WP-C | Wash Plant Tertiary Crusher | PM | 0.14 | 0.63 |
| | | PM ₁₀ | 0.06 | 0.28 |
| | | PM _{2.5} | 0.01 | 0.05 |
| P-C1 | Portable Crusher | PM | 0.32 | 1.42 |
| | | PM ₁₀ | 0.14 | 0.63 |
| | | PM _{2.5} | 0.02 | 0.10 |
| AP-S | Aggregate Plant Screen | PM | 0.43 | 1.88 |
| | | PM ₁₀ | 0.14 | 0.63 |
| | | PM _{2.5} | 0.01 | 0.04 |
| WP-S1 | Wash Plant Grizzly Screen at Feeding Unloading | PM | 0.04 | 0.17 |
| | | PM ₁₀ | 0.01 | 0.06 |
| | | PM _{2.5} | <0.01 | <0.01 |
| WP-S2 | Wash Plant Grizzly Screen at Crusher | PM | 0.04 | 0.17 |
| | | PM ₁₀ | 0.01 | 0.06 |
| | | PM _{2.5} | <0.01 | <0.01 |

Emission Sources - Maximum Allowable Emission Rates

| | | | | |
|-------|---|-------------------|-------|-------|
| WP-S3 | Wash Plant Wet Screen No. 1 | PM | 0.04 | 0.17 |
| | | PM ₁₀ | 0.01 | 0.06 |
| | | PM _{2.5} | <0.01 | <0.01 |
| WP-S4 | Wash Plant Wet Screen No. 2 | PM | 0.03 | 0.12 |
| | | PM ₁₀ | <0.01 | 0.04 |
| | | PM _{2.5} | <0.01 | <0.01 |
| AL-S | Portable AgLime Screen | PM | 0.11 | 0.16 |
| | | PM ₁₀ | 0.04 | 0.05 |
| | | PM _{2.5} | <0.01 | <0.01 |
| PS-S | Portable Power Screen, Grizzly and 2-Deck | PM | 0.56 | 2.46 |
| | | PM ₁₀ | 0.20 | 0.86 |
| | | PM _{2.5} | 0.03 | 0.13 |
| P-S1 | Portable 3-Deck Screen | PM | 1.50 | 6.57 |
| | | PM ₁₀ | 0.52 | 2.29 |
| | | PM _{2.5} | 0.08 | 0.35 |
| AP-T1 | Aggregate Plant Feed Unloading | PM | 0.04 | 0.19 |
| | | PM ₁₀ | 0.02 | 0.09 |
| | | PM _{2.5} | 0.02 | 0.09 |
| AP-T2 | Aggregate Plant Truck Loadout | PM | 0.27 | 1.20 |
| | | PM ₁₀ | 0.13 | 0.57 |
| | | PM _{2.5} | 0.13 | 0.57 |
| WP-T1 | Wash Plant Truck Unloading | PM | 0.03 | 0.11 |
| | | PM ₁₀ | 0.01 | 0.05 |
| | | PM _{2.5} | 0.01 | 0.05 |
| WP-T2 | Wash Plant Truck Loadout | PM | 0.01 | 0.06 |
| | | PM ₁₀ | <0.01 | 0.03 |
| | | PM _{2.5} | <0.01 | 0.03 |

Emission Sources - Maximum Allowable Emission Rates

| | | | | |
|-------|--|-------------------|-------|-------|
| AL-T1 | Portable AgLime Plant Unloading | PM | 0.01 | 0.02 |
| | | PM ₁₀ | <0.01 | 0.01 |
| | | PM _{2.5} | <0.01 | <0.01 |
| AL-T2 | Portable AgLime Plant Loadout | PM | 0.01 | 0.02 |
| | | PM ₁₀ | <0.01 | 0.01 |
| | | PM _{2.5} | <0.01 | <0.01 |
| PS-T1 | Portable Power Screen Unloading | PM | 0.03 | 0.14 |
| | | PM ₁₀ | 0.02 | 0.07 |
| | | PM _{2.5} | 0.02 | 0.07 |
| PS-T2 | Portable Power Screen Loadout | PM | 0.03 | 0.14 |
| | | PM ₁₀ | 0.02 | 0.07 |
| | | PM _{2.5} | 0.02 | 0.07 |
| P-T1 | Portable Crusher Unloading | PM | 0.08 | 0.37 |
| | | PM ₁₀ | 0.04 | 0.18 |
| | | PM _{2.5} | 0.04 | 0.18 |
| P-T2 | Portable Crusher Loadout | PM | 0.08 | 0.37 |
| | | PM ₁₀ | 0.04 | 0.18 |
| | | PM _{2.5} | 0.04 | 0.18 |
| RS-T | Front-end Loader Dump into Open Railcars | PM | 0.04 | 0.18 |
| | | PM ₁₀ | 0.02 | 0.09 |
| | | PM _{2.5} | 0.02 | 0.09 |
| R-T1 | Truck Dump onto Rail Conveyor | PM | 0.02 | 0.09 |
| | | PM ₁₀ | 0.01 | 0.04 |
| | | PM _{2.5} | 0.01 | 0.04 |
| R-T2 | Rail Conveyor to Railcar Transfer Dust Collector | PM | 0.26 | 1.14 |
| | | PM ₁₀ | 0.26 | 1.14 |
| | | PM _{2.5} | 0.04 | 0.18 |

Emission Sources - Maximum Allowable Emission Rates

| | | | | |
|----------|--|-------------------|-------|-------|
| MHFUG | Aggregate Handling | PM | 4.74 | 20.64 |
| | | PM ₁₀ | 1.74 | 7.57 |
| | | PM _{2.5} | 0.12 | 0.51 |
| SPFUG | Stockpiles | PM | 3.30 | 14.45 |
| | | PM ₁₀ | 1.65 | 7.23 |
| | | PM _{2.5} | 0.25 | 1.09 |
| AL-ENG | AgLime Plant Diesel Generator | PM | 0.30 | --- |
| | | PM ₁₀ | 0.30 | --- |
| | | PM _{2.5} | 0.30 | --- |
| | | NO _x | 4.26 | --- |
| | | CO | 0.92 | --- |
| | | SO ₂ | <0.01 | --- |
| | | VOC | 0.35 | --- |
| PS-ENG | Power Screen Diesel Generator | PM | 0.43 | --- |
| | | PM ₁₀ | 0.43 | --- |
| | | PM _{2.5} | 0.43 | --- |
| | | NO _x | 6.17 | --- |
| | | CO | 1.33 | --- |
| | | SO ₂ | <0.01 | --- |
| | | VOC | 0.50 | --- |
| ENGs-CAP | AgLime + Power Screen Diesel Engines / Generators Annual Emissions Cap | PM | --- | 1.09 |
| | | PM ₁₀ | --- | 1.09 |
| | | PM _{2.5} | --- | 1.09 |
| | | NO _x | --- | 15.46 |
| | | CO | --- | 3.33 |
| | | SO ₂ | --- | 0.01 |
| | | VOC | --- | 1.26 |

Emission Sources - Maximum Allowable Emission Rates

| | | | | |
|-------|--------------------------------|-------------------|-------|-------|
| P-ENG | Portable Crusher Diesel Engine | PM | 0.17 | 0.59 |
| | | PM ₁₀ | 0.17 | 0.59 |
| | | PM _{2.5} | 0.17 | 0.59 |
| | | NO _x | 3.12 | 10.93 |
| | | CO | 2.92 | 10.24 |
| | | SO ₂ | <0.01 | 0.03 |
| | | VOC | 0.25 | 0.89 |

- (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
- (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) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

Date: August 9, 2021