PORTABLE SYNTHETIC MINOR SOURCE PERMIT

SOURCE ID: 17749
Wells Cargo Lone Mountain Plant
(Source location as specified by current move notice)

ISSUED ON: April 7, 2021 EXPIRES ON: April 6, 2026

Revised on: TBD
Current action: Significant Revision

Issued to: Wells Cargo, Inc.
10191 West Park Run Drive
Las Vegas, Nevada 89145

Responsible Official: William Trent Scarlett
Executive Vice President
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Issued by the Clark County Department of Environment and Sustainability/Division of Air Quality in accordance with Section 12.1 of the Clark County Air Quality Regulations.

Theodore A. Lendis, Permitting Manager
EXECUTIVE SUMMARY

Wells Cargo Lone Mountain Plant is a portable aggregate crushing and screening plant and hot mix asphalt plant located in various locations throughout Clark County. This source consists of crushers, screens, stackers, conveyor belts, silos, a drum dryer, oil heater, drilling and blasting activities, stockpiles, haul roads, and continuous duty diesel-fired generators. The source also consists of an aboveground diesel tank and aboveground asphalt tanks as insignificant emission units. The source is categorized under SIC codes 1442, “Sand and Gravel,” and 2951, “Asphalt Paving Mixtures and Blocks,” and NAICS codes 212321, “Construction Sand and Gravel Mining” and 324121, “Hot Mix Asphalt”.

This is a synthetic minor source of PM$_{10}$, PM$_{2.5}$, and NO$_x$, CO, and SO$_2$, and a minor source of VOCs, subject to 40 CFR Part 60, Subpart I; 40 CFR Part 60, Subpart OOO; 40 CFR Part 60, Subpart IIII; and 40 CFR Part 63, Subpart ZZZZ. The source has taken a voluntarily accepted emission limits through operational limitations to avoid becoming a major source.

SOURCE-WIDE PTE SUMMARY: The facility is a synthetic minor source of PM$_{10}$, PM$_{2.5}$, NO$_x$, CO, and SO$_2$, and a minor source of VOCs.

Table 1. Potential to Emit (tons per year)

<table>
<thead>
<tr>
<th>Pollutant</th>
<th>PM$_{10}$</th>
<th>PM$_{2.5}$</th>
<th>NO$_x$</th>
<th>CO</th>
<th>SO$_2$</th>
<th>VOC</th>
<th>H$_2$S</th>
<th>Pb</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>42.36</td>
<td>11.83</td>
<td>74.93</td>
<td>68.24</td>
<td>17.54</td>
<td>20.04</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>
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COMMON ACRONYMS AND ABBREVIATIONS
(These terms may be seen in the permit)

ANFO  ammonium nitrate-fuel oil
AQR   Clark County Air Quality Regulation
bhp   brake horsepower
CFR   Code of Federal Regulations
CO    carbon monoxide
DAQ   Division of Air Quality
EPA   U.S. Environmental Protection Agency
EU    emission unit
gt/dscf grains per dry standard cubic foot
g/dscm grams per dry standard cubic meter
NO\textsubscript{x}  nitrogen oxides
O&M   operations and maintenance
Pb    lead
PM\textsubscript{2.5} particulate matter less than 2.5 microns in aerodynamic diameter
PM\textsubscript{10} particulate matter less than 10 microns in aerodynamic diameter
ppm   parts per million
PTE   potential to emit
SO\textsubscript{2} sulfur dioxide
TBD   to be determined
TSD   Technical Support Document
VAEL  Voluntarily Accepted Emission Limit
VMT   vehicle miles traveled
VOC   volatile organic compound
## 1.0 EQUIPMENT

### 1.1 EMISSION UNITS

The stationary source consists of the emission units (EUs) listed in Table 1-1. [AQR 12.1.4.1(b)]

**Table 1-1. Summary of Emission Units**

<table>
<thead>
<tr>
<th>EU</th>
<th>Rating</th>
<th>Type</th>
<th>Make</th>
<th>Model No.</th>
<th>Serial No.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Crushing and Screening Plant</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BP01</td>
<td></td>
<td>Aggregate Loading</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BP02</td>
<td>1,200 TPH</td>
<td>Vibrating Grizzly Feeder</td>
<td>Cedarapids</td>
<td>3042</td>
<td>45378</td>
</tr>
<tr>
<td></td>
<td>400 TPH</td>
<td>with Jaw Crusher</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BP03</td>
<td></td>
<td>Conveyor System (4 Belts)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FP13</td>
<td></td>
<td>Splitter Box</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FP14</td>
<td>1,600 TPH</td>
<td>Dual Finishing Screen (3-Deck)</td>
<td>JCI</td>
<td>JCI720338</td>
<td>98H13E38</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>98H12E38</td>
<td></td>
</tr>
<tr>
<td>FP21</td>
<td>350 TPH</td>
<td>Screen (2-Deck)</td>
<td>TCI</td>
<td>Kimball EQ PTSC</td>
<td>18092674</td>
</tr>
<tr>
<td>FP22</td>
<td></td>
<td>Stacker with 2 Belts</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BP05</td>
<td></td>
<td>Stacker with 2 Belts</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BP06</td>
<td></td>
<td>Stacker with 2 Belts</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FP01</td>
<td></td>
<td>Tunnel Feeder</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FP08</td>
<td>400 TPH</td>
<td>Cone Crusher</td>
<td>Nordberg</td>
<td>HP400SX</td>
<td>HP400202</td>
</tr>
<tr>
<td>FP07</td>
<td></td>
<td>Conveyor System (2 Belts)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FP05</td>
<td>660 TPH</td>
<td>Scalping Screen (3-Deck) with Conveyor Belt</td>
<td>Cedarapids</td>
<td>6 x 20</td>
<td></td>
</tr>
<tr>
<td>FP06</td>
<td></td>
<td>Stacker with 2 Belts</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FP11</td>
<td></td>
<td>Surge Hopper with 2 Belts</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FP20</td>
<td>275 TPH</td>
<td>VSI Crusher (with conveyor)</td>
<td>Cemco</td>
<td>Turbo 80</td>
<td>AEV1019180</td>
</tr>
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</table>
## Minor Source Permit
Source Name: Wells Cargo Lone Mountain Plant.
ID: 17749

<table>
<thead>
<tr>
<th>EU</th>
<th>Rating</th>
<th>Type</th>
<th>Make</th>
<th>Model No.</th>
<th>Serial No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>FP09</td>
<td></td>
<td>Conveyor System (Belts)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FP12</td>
<td></td>
<td>Conveyor System (2 Belts)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BP04</td>
<td>1,000 TPH</td>
<td>Scalping Screen (3-Deck)</td>
<td>Terex</td>
<td>TSV820338</td>
<td>TRXV8203C</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>CRS8203</td>
<td>DUFF2088</td>
</tr>
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<td>Splitter Box (standby)</td>
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<td></td>
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<tr>
<td>BP09</td>
<td>275 TPH</td>
<td>Screen</td>
<td>Terex</td>
<td>TSV (5 x 16)</td>
<td>SM-5-16-2-560-21</td>
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<td>FP17</td>
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<td>Stacker with 2 Belts</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FP16</td>
<td></td>
<td>Stacker with Conveyor Belt</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FP18</td>
<td></td>
<td>Stacker with 2 Belts</td>
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<tr>
<td>FP19</td>
<td></td>
<td>Stacker with 2 Belts</td>
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### Asphalt Plant

<table>
<thead>
<tr>
<th>EU</th>
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<th>Type</th>
<th>Make</th>
<th>Model No.</th>
<th>Serial No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>D01</td>
<td></td>
<td>6-Compartment Feed Bin (Loading)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D02</td>
<td></td>
<td>Conveyor Belt</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D03</td>
<td>400 TPH</td>
<td>Screen</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D04</td>
<td></td>
<td>Conveyor Belt</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D05</td>
<td></td>
<td>Pugmill</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D06</td>
<td></td>
<td>Lime Silo</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D07</td>
<td></td>
<td>Conveyor Belt</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D08</td>
<td></td>
<td>RAP Feed Bin (Loading)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D09</td>
<td></td>
<td>Conveyor Belt</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D10</td>
<td>200 TPH</td>
<td>RAP Screen</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D11</td>
<td></td>
<td>Conveyor Belt</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D12</td>
<td>400 TPH</td>
<td>Asphalt Drum Dryer with Baghouse</td>
<td>Astec Industries</td>
<td>TBD</td>
<td>TBD</td>
</tr>
<tr>
<td>D13</td>
<td></td>
<td>Fines Silo with Baghouse</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D14</td>
<td></td>
<td>Silo Filling (3 Silos)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D15</td>
<td></td>
<td>Truck Loadout</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Fugitives

<table>
<thead>
<tr>
<th>EU</th>
<th>Rating</th>
<th>Type</th>
<th>Make</th>
<th>Model No.</th>
<th>Serial No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>A01</td>
<td>18.0 acres</td>
<td>Stockpiles</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A02</td>
<td>1.10 miles RT</td>
<td>Unpaved Haul Road</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C01</td>
<td></td>
<td>Drilling</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C02</td>
<td></td>
<td>Blasting</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Power Generation

<table>
<thead>
<tr>
<th>EU</th>
<th>Rating</th>
<th>Type</th>
<th>Make</th>
<th>Model No.</th>
<th>Serial No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>B05</td>
<td>50 kW</td>
<td>Continuous-Duty Generator</td>
<td>Generac</td>
<td>SD50</td>
<td>3003971065</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>D3400TGEN1</td>
<td>TP9H00422</td>
</tr>
<tr>
<td>B06</td>
<td>2,000 kW</td>
<td>Continuous-Duty Generator</td>
<td>Caterpillar</td>
<td>SR4B</td>
<td>G6A00840</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3516C</td>
<td>SBJ01089</td>
</tr>
<tr>
<td>B07</td>
<td>1,500 kW</td>
<td>Continuous-Duty Generator</td>
<td>Caterpillar</td>
<td>SR4B</td>
<td>G5X00324</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3512C</td>
<td>EBG00892</td>
</tr>
<tr>
<td>B08</td>
<td>175 kW</td>
<td>Continuous-Duty Generator</td>
<td>SWP</td>
<td>175RSTH66DWL PR</td>
<td>702914</td>
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<tr>
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<td></td>
<td></td>
<td></td>
<td>1106D-E66TAG4</td>
<td>U043460Y</td>
</tr>
</tbody>
</table>

Note: DOM = date of manufacture; hp = horsepower; kW = kilowatt; MMBtu = millions of British thermal units; TPH = tons per hour; RT = round trip; SCR = selective catalytic reduction.

### 1.2 INsignificant Activities

The following units/activities are insignificant emission sources under AQR 12.1.2(c).

#### Table 1-2. Insignificant Activities and/or Units

<table>
<thead>
<tr>
<th>Rating</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>350 gallons</td>
<td>Aboveground Storage Tank – Diesel</td>
</tr>
<tr>
<td>30,000 gallons</td>
<td>Aboveground Storage Tank - Asphalt</td>
</tr>
<tr>
<td>15,000 gallons</td>
<td>Aboveground Storage Tank - Asphalt</td>
</tr>
</tbody>
</table>
When added to the source PTE, emissions from these units will not subject the source to major-source requirements for any pollutant. Pursuant to AQR 12.1.2(a), all exempt and insignificant units and activities shall remain subject to any other applicable requirements.

1.3 NONROAD ENGINES

Pursuant to Title 40, Part 1068.30 of the Code of Federal Regulations (40 CFR Part 1068.30), nonroad engines shall not remain at a location for more than 12 consecutive months; otherwise, the engine(s) will constitute a stationary reciprocating internal combustion engine (RICE) and be subject to the applicable requirements of 40 CFR Part 63, Subpart ZZZZ; 40 CFR Part 60, Subpart IIII; and/or 40 CFR Part 60, Subpart JJJJ. Stationary RICE shall be permitted as emission units upon commencing operation at this stationary source.

Records of location changes for portable or transportable nonroad engines shall be maintained, and shall be made available to the Control Officer upon request. These records are not required for engines owned and operated by a contractor for maintenance and construction activities as long as records are maintained demonstrating that such work took place at the stationary source for periods of less than 12 consecutive months.

Nonroad engines used on self-propelled equipment do not have this 12-month limitation or the associated recordkeeping requirements.
2.0 CONTROLS

2.1 CONTROL DEVICES

The permittee shall operate emissions control devices for individual emission units as indicated in Table 2-1 and in accordance with the control requirements listed in this permit.

Table 2-1. Summary of Add-On Control Devices

<table>
<thead>
<tr>
<th>EU</th>
<th>Device Type</th>
<th>Manufacturer</th>
<th>Model No.</th>
<th>Serial No.</th>
<th>Pollutant</th>
</tr>
</thead>
<tbody>
<tr>
<td>D12, D13</td>
<td>Baghouse</td>
<td>Astec Industries</td>
<td>D-PRPBH-80,498</td>
<td>TBD</td>
<td>PM$_{10}$</td>
</tr>
<tr>
<td>B06</td>
<td>SCR</td>
<td>Miratech</td>
<td>3516C SCR</td>
<td>TBD</td>
<td>NO$_x$</td>
</tr>
</tbody>
</table>

2.2 CONTROL REQUIREMENTS

Mineral Processing Equipment [AQR 12.1.4.1(c)&(f)]

1. The permittee shall incorporate, and maintain in good operating condition at all times, an effective water suppression system to control visible emissions within allowable opacity limits for the following EUs: BP01 – BP06, BP08, BP09, FP01, FP05 – FP09, FP11 – FP14, FP16 – FP22, and D01 – D05, D07 – D11, and D15.

Asphalt Plant [AQR 12.1.4.1(c)&(f)]

2. The permittee shall utilize a bin vent on the lime silo (EU: D06) to effectively control particulate emissions at all times the processing equipment is operating, or for silos, during silo loading and unloading operations.

3. The permittee shall direct particulate emissions from the asphalt drum and fines silo to a baghouse at all times the processing equipment is operating (EUs: D12 and D13).

4. The permittee shall maintain and operate the baghouse on the asphalt silos (EUs: D12 and D13) to effectively control particulate emissions at all times the processing equipment is operating.

5. The permittee shall maintain the pressure drop across the baghouse within the range of 2.0 to 6.0 inches of the water column (EUs: D12 and D13).

6. The permittee shall employ and operate blue smoke eliminator devices on the asphalt silos (EU: D14) during all silo filling operations.

7. The permittee shall combust only diesel fuel in the hot oil heater (EU: D16).
Haul Roads/Stockpiles [AQR 12.1.4.1(c)&(f)]

8. The permittee shall maintain unpaved roads located on the stationary source, including roads providing exclusive access, by stabilizing loose materials to ensure visible emissions are within allowable opacity limits. Maintenance may consist of watering, chemical or organic dust suppression, or equivalent control measures (EU: A02).

9. The permittee shall incorporate, and maintain in good operating condition at all times, and effective water suppression system to control visible emissions within allowable opacity limits for the stockpiles (EU: A01).

Drilling and Blasting [AQR 12.1.4.1(c)&(f)]

10. The permittee shall prewater surface soils and maintain them in a stabilized condition where drills, support equipment, and vehicles will operate.

11. The permittee shall have a water source available and utilized during all drilling and blasting operations to minimize emissions.

12. The permittee shall document current and predicted weather conditions, as provided by the National Weather Service, before setting explosive charges in holes.

13. If the current forecast is for wind gusts of 25 mph or greater or if winds are forecast to be 25 mph or greater within the next 24 hours, the permittee shall not charge any blast holes.

14. Blasting shall not occur when wind gusts of 25 mph or more are forecast by the National Weather Service, or during the duration of a DAQ-issued construction notice or dust advisory, unless holes were already charged at the time of the forecast.

15. The permittee shall not conduct blasting within 1,500 feet of a residential area, occupied building, or major roadway when the wind direction could affect these areas.

16. The permittee shall water the disturbed soils or blast material to stabilize the area immediately following the blast and all-clear signal.

17. The permittee shall conduct all blasting in a manner designed to facilitate a continuous process, with detonation occurring as soon as possible, following the loading of all ammonium nitrate-fuel oil (ANFO). If the loaded rounds of ANFO are in place and the blast is expected to be delayed for more than 72 hours, the permittee shall notify the appropriate Mine Safety and Health Administration district office of the delay.

Generators/Engines [AQR 12.1.4.1(c)&(f)]

18. The permittee shall only combust diesel fuel with a maximum sulfur content of 15 ppm and either a minimum cetane index of 40 or a maximum aromatic content of 35% by volume in each generator (EUs: B05 – B08). [40 CFR 60.4207(b), 40 CFR 63.6604(b)]
19. The permittee shall operate each diesel-fired generator engine with a turbocharger and aftercooler (EUs: B05, B07, and B08).

20. The permittee shall operate the diesel-fired generator engine with a turbocharger, aftercooler, and a selective catalytic reduction (SCR) system (EU: B06). [	extit{AQR 12.1.7(a) (VAEL)}]

21. The permittee shall operate and maintain each diesel-fired generator set in accordance with the manufacturer’s operations and maintenance (O&M) manual for emissions-related components (EUs: B05 – B08).

22. The permittee shall operate the SCR system to achieve a control efficiency for NO\textsubscript{x} emissions of 90.9\% (EU: B06). (VAEL)

23. The permittee shall operate and maintain the SCR system in accordance with the manufacturer’s O&M manual (EU: B06).

	extit{General} [\textit{AQR 12.1.4.1(c)&(f)}]

24. The permittee shall not cause, suffer or allow the source to discharge air contaminants (or other material) in quantities that will cause a nuisance, including excessive odors. [\textit{AQR 40} & \textit{AQR 43}]

25. The permittee shall not cause or permit the handling, transporting, or storage of any material in a manner which allows or may allow controllable particulate matter to become airborne. [\textit{AQR 41.1.2}]

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3.0 LIMITATIONS

3.1 OPERATIONAL LIMITS

1. The permittee shall limit the throughput of material to the crushing and screening plant (EUs: BP01-BP06, BP08, BP09, FP01, FP05-FP09, FP11-FP14, and FP16-FP22) to 1,800,000 tons in any consecutive 12-month period. [AQR 12.1.4.1(c)\&(f) and AQR 12.1.7(a) (VAEL)]

2. The permittee shall limit the throughput of material to the asphalt plant (EUs: D01 – D15) to 600,000 tons in any consecutive 12-month period. [AQR 12.1.4.1(c)\&(f) and AQR 12.1.7(a) (VAEL)]

3. The permittee shall limit the total stockpile area (EU: A01) to 18.0 acres at any given time. [AQR 12.1.4.1(c)\&(f)]

4. The permittee shall limit the vehicle miles traveled (VMT) per year on unpaved roads (EU: A08) to 49,500 miles in any consecutive 12-month period. [AQR 12.1.4.1(c)\&(f)]

5. The permittee shall limit the total number of drilled holes (EU: C01) to 3,600 holes in any consecutive 12-month period. [AQR 12.1.4.1(c)\&(f)]

6. The permittee shall limit the total blasting area (EU: C02) to 67,500 square feet per blast. [AQR 12.1.4.1(c)\&(f)]

7. The permittee shall limit the total number of blasts (EU: C02) to 40 blasts in any consecutive 12-month period. [AQR 12.1.4.1(c)\&(f)]

8. The permittee shall limit the use of ammonium nitrate-fuel oil (ANFO) explosive (EU: C02) to 380 tons in any consecutive 12-month period. [AQR 12.1.4.1(c)\&(f)]

9. The permittee shall limit the hours of operation of the continuous-duty diesel generator (EU: B06) to 3,800 hours in any consecutive 12-month period. [AQR 12.1.4.1(c)\&(f) and AQR 12.1.7(a) (VAEL)]

10. The permittee shall limit the hours of operation of the continuous-duty diesel generator (EU: B07) to 2,400 hours in any consecutive 12-month period. [AQR 12.1.4.1(c)\&(f) and AQR 12.1.7(a) (VAEL)]

3.2 EMISSION LIMITS

1. The permittee shall not allow the actual emissions from the stationary source to exceed the PTE listed in Table 3-1 in any consecutive 12-month period, except for emission units intended only for use in emergencies and as provided in AQR 12.1.6(b). [AQR 12.1.4.1(c)]
Table 3-1. Potential to Emit (tons per year)

<table>
<thead>
<tr>
<th>Pollutant</th>
<th>PM$_{10}$</th>
<th>PM$_{2.5}$</th>
<th>NO$_x$</th>
<th>CO</th>
<th>SO$_2$</th>
<th>VOC</th>
<th>H$_2$S</th>
<th>Pb</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>42.36</td>
<td>11.83</td>
<td>74.93</td>
<td>68.24</td>
<td>17.54</td>
<td>20.04</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

2. The permittee shall not allow the actual emissions from the following individual emission units to exceed the PTE listed in Table 3-2 in any consecutive 12-month period, except for emission units intended only for use in emergencies and as provided in AQR 12.1.6(b). [AQR 12.1.4.1(c)]

Table 3-2. Source-Wide Emission Unit PTE Summary (tons per year)

<table>
<thead>
<tr>
<th>EU</th>
<th>Condition$^1$</th>
<th>PM$_{10}$</th>
<th>PM$_{2.5}$</th>
<th>NO$_x$</th>
<th>CO</th>
<th>SO$_2$</th>
<th>VOC</th>
<th>H$_2$S</th>
<th>Pb</th>
</tr>
</thead>
<tbody>
<tr>
<td>BP01</td>
<td>1,800,000 tons/yr</td>
<td>0.09</td>
<td>0.03</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>BP02</td>
<td>1,800,000 tons/yr</td>
<td>0.67</td>
<td>0.05</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>BP03</td>
<td>900,000 tons/yr</td>
<td>0.24</td>
<td>0.05</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>BP02</td>
<td>1,800,000 tons/yr</td>
<td>0.04</td>
<td>0.01</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>BP03</td>
<td>1,800,000 tons/yr</td>
<td>0.04</td>
<td>0.01</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>BP03</td>
<td>1,800,000 tons/yr</td>
<td>0.04</td>
<td>0.01</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>BP03</td>
<td>1,800,000 tons/yr</td>
<td>0.04</td>
<td>0.01</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>BP03</td>
<td>1,800,000 tons/yr</td>
<td>0.04</td>
<td>0.01</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>FP08</td>
<td>1,800,000 tons/yr</td>
<td>0.06</td>
<td>0.01</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>FP07</td>
<td>1,800,000 tons/yr</td>
<td>0.06</td>
<td>0.01</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>FP07</td>
<td>1,800,000 tons/yr</td>
<td>0.06</td>
<td>0.01</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>FP05</td>
<td>1,800,000 tons/yr</td>
<td>0.04</td>
<td>0.01</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>BP04</td>
<td>1,800,000 tons/yr</td>
<td>0.67</td>
<td>0.05</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>BP09</td>
<td>1,800,000 tons/yr</td>
<td>0.67</td>
<td>0.05</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>BP17</td>
<td>1,800,000 tons/yr</td>
<td>0.04</td>
<td>0.01</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>BP04</td>
<td>1,800,000 tons/yr</td>
<td>0.04</td>
<td>0.01</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>
3. The permittee shall not allow actual emissions from each emission unit to exceed the rates listed in Table 3-3. [*AQR 12.1.4.1(c)*]
Table 3-3. Emission Rate

<table>
<thead>
<tr>
<th>EU</th>
<th>PM_{10}</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>D12, D13</td>
<td>9.20</td>
<td>90 mg/dscm (0.04 gr/dscf)</td>
</tr>
<tr>
<td>B06</td>
<td>NO\textsubscript{x}</td>
<td>0.60 g/bhp-hr</td>
</tr>
</tbody>
</table>

4. The permittee shall not discharge into the atmosphere, from any emission unit, any air contaminant in excess of an average of 20 percent opacity for more than six consecutive minutes. \([AQR 26.1]\)

5. The permittee shall not cause or allow fugitive dust from trackout, which includes accumulation of mud or dirt on curbs, gutters, sidewalks, or paved surfaces, or from the handling, transport, or storage of any material in a manner that allows visible emissions of particulate matter to: \([AQR 94.14(a) & AQR 94.14(e)]\)
   a. Exceed 20% opacity using the Time Averaged Method (AQR 94.15.2) or the Intermittent Emissions Method (AQR 94.15.3);
   b. Exceed 50% opacity using the Instantaneous Method (AQR 94.15.4);
   c. Extend more than 100 feet; or
   d. Cross a property line.

6. The permittee shall not allow fugitive dust emissions from unpaved parking lots or storage areas of more than 5,000 square feet to exceed: \([AQR 92.4(a)]\)
   a. 20% opacity based on the Opacity Test Method (AQR 92.6.1); or
   b. 50% opacity based on the Instantaneous Method (AQR 92.6.2).

7. The permittee shall not allow a fugitive dust plume from an unpaved parking lot or storage area of more than 5,000 square feet to cross a property line. \([AQR 92.4(b)]\)

8. The permittee shall not exhibit fugitive emissions with an average opacity in excess of 10 percent, based on the average of five 6-minute averages, from screens and transfer points on belt conveyors (except transfers to stockpiles) that commenced construction, modification, or reconstruction after August 31, 1983, but before April 22, 2008 (EUs: FP14). \([40 CFR Part 60.672, 40 CFR Part 60.675, 40 CFR Part 60.11 & AQR 12.1.4.1(c)]\)

9. The permittee shall not exhibit fugitive emissions with an average opacity in excess of seven percent, based on the average of five 6-minute averages, from screens and transfer points on belt conveyors (except transfers to stockpiles) that commenced construction, modification, or reconstruction after April 22, 2008 (EUs: BP03, BP04, BP05, BP06, BP08, BP09, FP01, FP05, FP06, FP07, FP09, FP11, FP12, FP13, FP16, FP17, FP18, FP19, FP21, and FP22). \([40 CFR Part 60.672, 40 CFR Part 60.675, 40 CFR Part 60.11 & AQR 12.1.4.1(c)]\)
10. The permittee shall not exhibit fugitive emissions with an average opacity in excess of 15 percent, based on the average of five 6-minute averages, from crushers that commenced construction, modification, or reconstruction after August 31, 1983, but before April 22, 2008 (EUs: BP02 and FP08). [40 CFR Part 60.672, 40 CFR Part 60.675, 40 CFR Part 60.11 & AQR 12.1.4.1(c)]

11. The permittee shall not exhibit fugitive emissions with an average opacity in excess of 12 percent, based on the average of five 6-minute averages, from crushers that commenced construction, modification, or reconstruction after April 22, 2008 (EU: FP20). [40 CFR Part 60.672, 40 CFR Part 60.675, 40 CFR Part 60.11 & AQR 12.1.4.1(c)]

12. The permittee shall not allow visible emissions from the asphalt plant in excess of 20% opacity, based on a six-minute average (EUs: D01 – D16). [40 CFR Part 60.92(a)(2) & 40 CFR Part 60.11]

13. The permittee shall not discharge from the asphalt plant (EUs: D01 – D16) into the atmosphere any gases that contain particulate matter in excess of 0.04 grains per dry standard cubic foot (g/dscf). [40 CFR Part 60.92(a)(1)]
4.0 COMPLIANCE DEMONSTRATION REQUIREMENTS

4.1 MONITORING

Visible Emissions [AQR 12.1.4.1(d)]

1. The responsible official shall sign and adhere to the Visible Emissions Check Guidebook and keep a copy of the signed guide on-site at all times.

2. The permittee shall conduct a daily visual check for visible emissions from the facility while it is in operation.

3. If no plume appears to exceed the opacity standard during the visible emissions check, the date, location, and results shall be recorded, along with the viewer’s name.

4. If a plume appears to exceed the opacity standard, the permittee shall do one of the following:

   a. Immediately correct the perceived exceedance, then record the first and last name of the person who performed the emissions check, the date the check was performed, the unit(s) observed, and the results of the observation; or

   b. Call a certified Visible Emissions Evaluation (VEE) reader to perform a U.S. Environmental Protection Agency (EPA) Method 9 evaluation.

      i. For sources required to have a certified reader on-site, the reader shall start Method 9 observations within 15 minutes of the initial observation. For all other sources, the reader shall start Method 9 observations within 30 minutes of the initial observation.

      ii. If no opacity exceedance is observed, the certified VEE reader shall record the first and last name of the person who performed the VEE, the date the VEE was performed, the unit(s) evaluated, and the results. A Method 9 VEE form shall be completed for each emission unit that was initially perceived to have exceeded the opacity limit, and the record shall also indicate:

         (1) The cause of the perceived exceedance;

         (2) The color of the emissions; and

         (3) Whether the emissions were light or heavy.

      iii. If an opacity exceedance is observed, the certified VEE reader shall take immediate action to correct the exceedance. The reader shall then record the first and last name of the person performing the VEE, the date the VEE was
performed, the unit(s) evaluated, and the results. A Method 9 VEE form shall be completed for each reading identified, and the record shall also indicate:

1. The cause of the exceedance;
2. The color of the emissions;
3. Whether the emissions were light or heavy;
4. The duration of the emissions; and
5. The corrective actions taken to resolve the exceedance.

5. Any scenario of visible emissions noncompliance can and may lead to enforcement action.

**Mineral Processing Equipment [AQR 12.1.4.1(d)]**

6. The permittee shall visually inspect the water spray system daily at all emission units controlled through water suppression and monitor its effectiveness. Inspections shall include, but not be limited to, flow rates, leaks, and nozzle conditions, as applicable.

7. The permittee shall monitor daily the throughput of all mineral products at the crushing and screening plant and calculate, on a monthly basis, the throughput as a consecutive 12-month total.

**Asphalt Plant [AQR 12.1.4.1(d)]**

8. The permittee shall monitor daily the throughput of all asphalt products and calculate, on a monthly basis, the throughput as a consecutive 12-month total.

**Haul Roads/Stockpiles [AQR 12.1.4.1(d)]**

9. The permittee shall monitor daily the number of VMT on unpaved haul roads on-site by haul trucks entering and leaving, and calculate, on a monthly basis, the VMT as a consecutive 12-month total (EU: A02).

10. The permittee shall monitor daily the total stockpile area at each location (EU: A01).

**Drilling and Blasting [AQR 12.1.4.1(d)]**

11. The permittee shall monitor the number of drilled holes (EU: C01) and calculate, on a monthly basis, the number of drilled holes as a consecutive 12-month total.

12. The permittee shall monitor the area (EU: C02) of each blast, in square feet.
13. The permittee shall monitor the number of blasts (EU: C02) and calculate, on a monthly basis, the number of blasts as a consecutive 12-month total.

14. The permittee shall monitor the use of ANFO (in tons) and calculate, on a monthly basis, the use of ANFO (in tons) as a consecutive 12-month total.

*Baghouses/Bin Vents [AQR 12.1.4.1(d)]*

15. The permittee shall conduct daily monitoring of the pressure drop across each baghouse cell with the installation and operation of a pressure differential (Magnehelic) gauge per manufacturer’s specifications (EUs: D12 and D13).

16. The permittee shall conduct the following monthly external inspections of each baghouse while it is running to ensure that equipment is maintained in good working order and operated according to manufacturer’s specifications (EUs: D06, D12, and D13):
   a. Verification of the pulse timing sequence;
   b. Verification that the cleaning system does not appear unusual, and that fans are running and do not exhibit unusual sounds or vibrations; and
   c. Verification that seams, connections, and housings are sealed and leak-free, including walls, hoppers, ducting, and piping.
   d. If an inspection shows that maintenance is necessary, the permittee shall schedule and complete such maintenance within five working days. If the malfunction renders the baghouse ineffective in controlling particulate emissions, processing of material shall cease until repairs to the baghouse are completed.

17. The permittee shall visually inspect each baghouse interior at least annually to determine the internal mechanical integrity of the unit and spot any defects. Defective compartments shall be sealed off and repairs completed within five working days. If the malfunction renders the baghouse ineffective in controlling particulate emissions, processing of material shall cease until repairs to the baghouse are completed (EUs: D06, D12, and D13).

18. The permittee shall have a standard operating procedures (SOP) manual for the baghouse and bin vent. The procedures specified in the manual for maintenance shall, at a minimum, include a preventative maintenance schedule that is consistent with the baghouse manufacturer’s instructions for routine and long-term maintenance (EUs: D06, D12, and D13).

19. The permittee shall conduct daily visual observations of baghouse and/or stack discharges, and the bin vent to verify that visible emissions are not present in excess of allowable opacity limits. If they are, the permittee shall cease operations producing the emissions until the problem is corrected (EUs: D06, D12, and D13).
Generators/Engines [AQR 12.1.4.1(d)]

20. The permittee shall monitor the sulfur content and cetane index or aromatic content of the fuel burned in generators (EUs: B05 – B08) by retaining a copy of vendor fuel specifications. [40 CFR 60.4207(b), 40 CFR 63.6604(b)]

21. The permittee shall operate the generator engines (EUs: B06 and B07) with a nonresettable hour meter, monitor its duration of operation in hours, and calculate, on a monthly basis, the operating hours as a consecutive 12-month total.

22. The permittee shall monitor reactant change-out for the SCR system (EU: B06)

23. The permittee shall monitor reactant content for the SCR system by retaining a copy of vendor specifications (EU: B06).

4.2 TESTING

Mineral Processing [AQR 12.1.4.1(d)]

1. The permittee shall demonstrate compliance with the opacity standards for mineral processing in Section 3.2 of this permit in accordance with 40 CFR Part 60, Subpart A and Subpart OOO, and EPA Test Method 9 (opacity).

2. The permittee shall conduct performance testing on the material processing plant(s) according to the following conditions (EUs: EUs: BP02-BP06, BP08, BP09, FP01, FP05-FP14, FP16-FP21, and FP22 excluding the stacker): [AQR 12.1.4.1(d)]

a. Subsequent Method 9 performance testing shall be conducted upon written notification from the Control Officer. [AQR 4.2]

Asphalt Plant [AQR 12.1.4.1(d)]

3. The permittee shall demonstrate compliance with the opacity standards in Section 3.2 of this permit in accordance with 40 CFR Part 60, Subpart A and Subpart I, and EPA Method 9. [AQR 12.1.4.1(d)]

a. Initial Method 9 performance tests shall be conducted within 60 days of achieving the maximum production rate at which the source will be operated, but no later than 180 days after initial start-up.

b. Subsequent Method 9 performance testing shall be conducted upon written notification from the Control Officer. [AQR 4.2]

4. The permittee shall demonstrate compliance with the baghouse particulate matter concentration and mass emission standards, in Section 3.2 of this permit in accordance with
40 CFR Part 60, Subpart A and Subpart I, and EPA Method 5, according to the following conditions (EUs: D12 and D13): [AQR 12.1.4.1(d)]

a. Initial performance tests shall be conducted within 60 days of achieving the maximum production rate at which the source will be operated, but no later than 180 days after initial start-up.

b. Subsequent Method 5 performance tests shall be conducted once every five years, no later than 90 days after the anniversary date of the last successful performance test (EUs: D12 and D13). [Clark County Department of Air Quality Source Testing Guidelines (9/19/2019)]

Generator [AQR 12.1.4.1(d)]

5. The permittee shall conduct performance testing on the generator according to the following conditions (EU: B06): [AQR 12.1.4.1(d) & Guidelines for Source Testing (9/19/2019)]

a. The permittee shall conduct initial performance tests within 60 days of achieving the maximum production rate at which the source will be operated, but no later than 180 days after initial startup.

b. The permittee shall conduct performance tests on the generator (EU: B06) every three years, and no later than 90 days after the anniversary date of the last performance test.

6. The permittee shall utilize performance testing methodologies for individual emission units as indicated in Table 4-1. The Control Officer will consider approving a request for alternative performance test methods if proposed in writing in the performance test protocols. [AQR 12.1.4.1(d)]

Table 4-1. Performance Testing Protocol Requirements

<table>
<thead>
<tr>
<th>EU</th>
<th>Test Point</th>
<th>Pollutant</th>
<th>Method</th>
<th>Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Crushing and Screening Plant</td>
<td>Visible Emissions</td>
<td>EPA Method 9</td>
<td>Initial</td>
</tr>
<tr>
<td></td>
<td>Hot Mix Asphalt Plant</td>
<td>Visible Emissions</td>
<td>EPA Method 9</td>
<td>Initial</td>
</tr>
<tr>
<td>D12, D13</td>
<td>Baghouse Stack</td>
<td>PM</td>
<td>EPA Method 5</td>
<td>Initial and 5 years</td>
</tr>
<tr>
<td>B06</td>
<td>SCR Stack</td>
<td>NOx</td>
<td>EPA Method 7E</td>
<td>Initial and 3 years</td>
</tr>
</tbody>
</table>

General [AQR 12.1.4.1(d)]

7. Performance testing is subject to 40 CFR Part 60 (as amended) and Clark County Department of Air Quality Source Testing Guidelines (9/19/2019). Performance testing shall be the
instrument for determining initial and subsequent compliance with emission limitations set forth in Table 3-3 of this permit. [AQR 12.1.4.1(d)]

8. The permittee shall submit to the Control Officer for approval a performance testing protocol that contains test, reporting, and notification schedules, test protocols, and anticipated test dates at least 45 days, but not more than 90 days, before the anticipated test date. [AQR 12.1.4.1(d)]

9. The permittee shall submit a report describing the results of the performance test to the Control Officer within 60 days of the end of the performance test. [AQR 12.1.4.1(d)]

10. The permittee of any stationary source that fails to demonstrate compliance with emissions standards or limitations during any performance test shall submit a compliance plan to the Control Officer within 90 days of the end of the performance test. [AQR 12.1.4.1(aa)]

11. The Control Officer may require additional performance testing when operating conditions appear inadequate to demonstrate compliance with the limitations in this permit. [AQR 4.2]

4.3 RECORDKEEPING REQUIREMENTS

1. The permittee shall create and maintain the following records, all of which must be producible on-site to the Control Officer’s authorized representative upon request and without prior notice during the permittee’s hours of operation: [AQR 12.1.4.1(d)(2) & AQR 12.1.4.1(s)]

*Opacity*

a. Dates and time when visible emissions checks and observations are made, and the corrective steps taken to bring opacity into compliance;

*Inspections/Maintenance/General*

b. Equipment inspections, maintenance, replacement, or repair;

c. Manufacturer specification sheets for emission units (if applicable);

d. Manufacturer’s O&M manual for emission units/control equipment (if applicable);

e. Location changes, with start and end dates;

f. Location-specific, and no less than monthly, summations of hours of operation or throughput for each emission unit that has an operational limit (EUs: BP01-BP06, BP08, BP09, FP01, FP05-FP14, FP16-FP22, A01, A02, C01, C02, B06, B07, and D01 – D15);

*Daily Actions/Throughput*
g. Daily throughput of materials processed at the crushing and screening plant at each location;

h. Daily throughput of materials processed at the asphalt plant at each location;

i. Daily number of drilled holes at each location;

j. Daily usage of ammonium nitrate-fuel oil (ANFO) at each location;

k. Daily number of detonated blasts at each location;

l. Daily baghouse pressure drop readings;

Monthly and Annual Throughput

m. Monthly, consecutive 12-month total throughput of materials processed at the crushing and screening plant at each location (reported annually);

n. Monthly, consecutive 12-month total throughput of materials processed at the asphalt plant at each location (reported annually);

o. Monthly, consecutive 12-month total number of drilled holes at each location (reported annually);

p. Monthly, consecutive 12-month total usage of ANFO at each location (reported annually);

q. Monthly, consecutive 12-month total number of detonated blasts at each location (reported annually);

r. Monthly, consecutive 12-month total hours of operation of each continuous-duty generator (EUs: B06 and B07) at each location (reported annually);

Haul Roads/Stockpiles

s. Length(s) of unpaved on-site haul road(s) at each location;

t. Monthly, consecutive 12-month total VMT on unpaved haul roads (reported annually) at each location;

u. Total stockpile area at each location;

v. Log of dust control measures applied to unpaved roads accessing or located on the site and in vacant areas;

Generators
w. Sulfur content and cetane index or aromatic content of diesel fuel used to power the generators (EUs: B05 – B08), as certified by the supplier;

x. SCR system reactant change-out (EU: B06);

y. SCR system reactant vendor specifications (EU: B06);

**Nonroad Engines**

z. Records of location changes for nonroad engines, if applicable;

**Performance Testing**

aa. Performance test results (reported as required in Section 4.2 of this permit);

**Emissions**

bb. Deviations from permit requirements that result in excess emissions (reported as required in Section 4.4 of this permit);

c. Deviations from permit requirements that do not result in excess emissions (reported annually); and

dd. Annual emissions calculated for each emission unit and the entire source (reported annually).

2. The permittee shall include in each record above, where applicable, the date and time the monitoring or measurement was taken, the person performing the monitoring or measurement, and the emission unit or location where the monitoring or measurement was performed. Each record must also contain the action taken to correct any deficiencies, when applicable. [AQR 12.1.4.I(d)(2)(A)]

3. The permittee shall maintain all records for a period of at least five years from their creation. [AQR 12.1.4.I(d)(2)(B)]

**4.4 REPORTING AND NOTIFICATION**

1. The permittee is responsible for all applicable notification and reporting requirements contained in 40 CFR Parts 60 and 63.

2. If the construction or modification of a source differs from what was authorized in a new permit or significant permit revision, the source shall provide a written notice to the Control Officer that includes a list of the differences, and complete descriptions of each one, at least 30 days before commencing operations. [AQR 12.1.4.I(n)]
3. The permittee shall submit to the Control Officer, within 15 days of commencing operations, any outstanding identification and/or description that was not previously available for new emission unit(s), as noted in this permit with “TBD.” [AQR 12.1.3.6(b)(2)(B)]

4. The permittee shall submit an annual report to the Control Officer in accordance with the following requirements. [AQR 12.1.4.1(d)(3)]
   a. Each annual report shall be: [AQR 12.9.2]
      i. Based on the preceding calendar year;
      ii. Submitted on or before March 31 of each year, even if there was no activity (if March 31 falls on a Saturday or Sunday, or on a state or federal holiday, the submittal shall be due on the next regularly scheduled business day); and
      iii. Addressed to the attention of the Control Officer.
   b. Each annual report shall contain, at a minimum:
      i. As the first page of text, a signed certification containing the sentence: “I certify that, based on information and belief formed after reasonable inquiry, the statements contained in this document are true, accurate, and complete.” This statement shall be signed and dated by a responsible official of the company (a sample form is available from DAQ); and [AQR 12.9.3]
      ii. The calculated actual annual emissions from each emission unit, even if there was no activity, and the total calculated actual annual emissions for the source based on the emissions calculation methodology used to establish the PTE in the permit or an equivalent method approved by the Control Officer prior to submittal. [AQR 12.9(c)(2)]
      iii. Each recorded item that Section 4.3 of this permit notes is required for annual reporting purposes.

5. Stationary sources that emit 25 tons or more of NOx and/or emit 25 tons or more of VOCs from their emission units, insignificant activities, and exempt activities during a calendar year shall submit an annual emissions statement for both pollutants. Emissions statements must include actual annual NOx and VOC emissions from all activities, including emission units, insignificant activities, and exempt activities. Emissions statements are separate from, and additional to, the calculated annual emissions reported each year for all regulated air pollutants (i.e., the annual emissions inventory report). [AQR 12.9.1]

6. The permittee shall report to the Control Officer any upset, breakdown, malfunction, emergency, or deviation that causes emissions of regulated air pollutants in excess of any limits set by regulation or by this permit. The report shall be in two parts, as specified below: [AQR 25.6.1 & AQR 12.1.4.1(d)(3)(B)]
a. Within 24 hours of the time the permittee learns of the excess emissions, the permittee shall notify DAQ by phone at (702) 455-5942, by fax at (702) 383-9994, or by email at AQCompliance@ClarkCountyNV.gov.

b. Within 72 hours of the notification required by Section 4.4.6.a above, the permittee shall submit a detailed written report to DAQ containing the information required by AQR 25.6.3.

7. The permittee shall report deviations from permit requirements that do not result in excess emissions, including those attributable to upset conditions as defined in the permit, with the annual report. Such reports shall include the probable cause of such deviations, as well as any corrective actions or preventive measures taken. [AQR 12.1.4.1(d)(3)(B)]

8. Any report and/or compliance certification submitted pursuant to this section or the AQR shall contain certification by a responsible official of truth, accuracy, and completeness. This certification, and any other certification required under this section, shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. [AQR 12.1.4.1(d)(3)(C)]

### 4.5 PORTABLE SOURCE REQUIREMENTS

1. Under the authority of this portable stationary source permit, the permittee shall not operate the equipment listed in Table 1-1, except as authorized in Section 4.5.3 below, at more than one location at a time. [AQR 12.1.1(e) & AQR 12.1.3.1(a)]

2. The permittee shall not operate the equipment listed in Table 1-1 in combination with other equipment permitted through a separate minor source permit or portable stationary source permit. Such work requires a new permit or permit revision before commencement of operations so that one comprehensive permit includes all emission units. [AQR 12.1.1(e) & AQR 12.1.3.1(a)]

3. The permittee may operate any portable crushing and/or screening equipment listed in Table 1-1, including the engine(s) that power such equipment, at a project operating under a Dust Control Operating Permit (DCOP) issued pursuant to AQR 94 to temporarily (i.e., for less than 12 months) support an on-site, single construction activity. When operating at such a site, the terms and conditions of this permit will not apply to those specific emission units. [AQR 12.1.2(b)(3), as amended 12/18/2018]

4. The permittee shall provide prior written notice to the Control Officer of any change in location of any temporary, portable crushing and/or screening equipment listed in Table 1-1 to a construction project operating under the conditions of a DCOP issued pursuant to AQR 94. The permittee may implement the location change on the date the Control Officer receives the written notice, which shall be submitted on the Portable Source Permit Move Notice form. [AQR 12.1.6(d), as amended 12/18/2018]
5. Except as provided in Section 4.5.4 above, the permittee shall provide prior written notice of any change in location where the source will operate as authorized by this permit, and may implement the change seven days after the date the Control Officer receives the written notice. The notice shall be submitted to the Control Officer on the Portable Source Permit Move Notice form for the location. No change in location shall proceed if the Control Officer objects within the seven-day waiting period. [AQR 12.1.6(d)(5)]

6. Except as provided in Section 4.5.4 above, the permittee shall provide written notice to the Control Officer at least 15 days before a move to any proposed location that is within 1,000 feet of the outer boundary of a school, hospital, or residential area. This notice shall be submitted for the purpose of initiating a public participation process, consistent with AQR 12.1.5.3(a)(3), before the source is moved to that location. It shall be submitted to the Control Officer on the Portable Source Permit Move Notice form for the location. Moving to the new location shall not proceed until all comments from the seven-day Notice of Proposed Action are addressed. [AQR 12.1.6(d)(5)]

7. The permittee shall provide prior written notice to the Control Officer of any operational period at a specific location that exceeds two years. The notice shall be provided at least seven days before the source would exceed the two-year time frame. It shall be submitted to the Control Officer on the Portable Source Permit Move Notice form submitted for that location before the move, or on the Prior Notification Form after the move. The operational period at a specific location shall not be extended to more than two years if the Control Officer objects within the seven-day waiting period. [AQR 12.1.4.1(f)(4) & AQR 12.1.6(d)]
5.0 ADMINISTRATIVE REQUIREMENTS

5.1 GENERAL

1. The permittee must comply with all permit conditions. Noncompliance with any condition is a violation of the AQRs and grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a renewal application. [AQR 12.1.4.1(r)]

2. If any term or condition of this permit becomes invalid as a result of a challenge to a portion of this permit, the other terms and conditions of this permit shall be unaffected and remain valid. [AQR 12.1.4.1(i)]

3. The terms and conditions of this permit apply to any part or activity of the stationary source that emits, or has the potential to emit, any regulated air pollutant for which operating authority has been granted, and includes all third parties (such as lessees or contractors) conducting such activities. [AQR 12.1.4.1(c) and AQR 12.1.4.1(aa)]

4. Any application, report, or compliance certification submitted to the Control Officer pursuant to this permit or the AQRs shall contain a certification of truth, accuracy, and completeness with a responsible official’s original signature. [AQR 12.1.3.6(a), AQR 12.1.4.1(d)(3), and 40 CFR Part 3]

5. As a condition of the issuance of the permit, the owner or operator agrees to permit inspection of the premises to which the permit relates, including the location where records must be kept under the conditions of the permit, by any authorized representative of the Control Officer at any time during the permittee’s hours of operation without prior notice to perform the following: [AQR 12.1.4.1(s)]

   a. Access and copy any records that must be kept under the conditions of the permit;
   b. Inspect any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit;
   c. Sample or monitor substances or parameters for the purpose of assuring compliance with the permit or applicable requirements; and
   d. Document alleged violations using such devices as cameras or video equipment.

6. The permittee shall pay fees to the Control Officer consistent with the approved fee schedule in AQR 18. [AQR 12.1.4.1(k)]

7. This permit does not convey property rights of any sort, or any exclusive privilege. [AQR 12.1.4.1(t)]
8. Anyone issued a permit under AQR 12 shall post the permit in compliance with AQR 12.13. \[AQR 12.1.4.1(v)\]

9. This permit shall not waive, or make less stringent, any limitations or requirements contained in or issued under the Nevada state implementation plan (SIP), or that are otherwise federally enforceable. \[AQR 12.1.4.1(w)\]

10. Except as provided in AQR 12.1.6, no person shall commence construction of, operate, or make a modification to a minor source except in compliance with a minor source permit that authorizes such construction, operation, or modification. \[AQR 12.1.3.1(a)\]

11. The permittee’s commencement of operations constitutes an acknowledgment that the permittee assumes the responsibility of ensuring the source’s emission units and emission control equipment have been constructed and will be operated in compliance with all applicable requirements. \[AQR 12.1.4.2\]

12. It shall not be a defense for the permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity to maintain compliance with the conditions of the permit. \[AQR 12.1.4.1(o)\]

5.2 RENEWALS AND REVISIONS

1. This permit may be modified, revoked, reopened and reissued, or terminated for cause by the Control Officer. The filing of a request by the permittee for a permit modification, termination, or of a notification of planned changes or anticipated noncompliance, does not stay any permit condition. \[AQR 12.1.4.1(p)\]

2. The permittee shall furnish to the Control Officer, in writing and within a reasonable time, any information that the Control Officer may request 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 shall also furnish to the Control Officer copies of records that the permit requires keeping. The permittee may furnish records deemed confidential to the Control Officer with a claim of confidentiality, pursuant to AQR 12.6. \[AQR 12.1.4.1(u)\]

3. Any revision of an emission limitation, monitoring, testing, reporting, or recordkeeping requirement shall be made consistent with the permit revision requirements in AQR 12.1.6. \[AQR 12.1.4.1(e)\]

4. A permit may be reopened and revised under any of the following circumstances: \[AQR 12.1.4.1(q)\]

   a. Additional requirements (including excess emissions requirements) become applicable to an affected source under the acid rain program. Upon approval by the Control Officer, excess emissions offset plans shall be deemed to be incorporated into the permit.
b. The Control Officer determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.

c. The Control Officer determines that the permit must be revised or revoked to assure compliance with the applicable requirements.

d. Proceedings to reopen and issue a permit shall follow the same procedures that apply to initial permit issuance and shall affect only those parts of the permit for which cause to reopen exists. Such reopening shall be made as expeditiously as practicable.

5. For the renewal of an existing minor source permit, a timely application shall be submitted to the Control Officer. An application for renewal shall be deemed to be timely if it is submitted at least 120 days, but no more than 270 days, before the date of permit expiration. [AQR 12.1.3.1(b)]

6. To be deemed complete, an application must contain all information required under AQR 12.1.3.6, and must be accompanied by payment of the applicable fee(s) established in AQR 18. If, while processing an application deemed complete, the Control Officer determines that additional information is needed to evaluate or take final action on the application, he or she may request such information in writing and set a reasonable deadline for its submission. Failure to provide the additional information required by the Control Officer by the deadline could result in denial of the application. [AQR 12.1.3.3]

7. If an existing minor source submits a timely and complete application for renewal of a minor source permit, the source’s continued operation after permit expiration and before issuance of the renewed permit is not a violation of the AQRs. This application shield shall cease to apply if, after a completeness determination, the applicant fails to submit any additional information identified as necessary to process the application by a deadline the Control Officer has specified in writing, or if the renewed permit is denied for any other reason. [AQR 12.1.3.4]

8. If the submittal of an application for renewal of an existing minor source permit is not timely, there is no permit application shield as provided in AQR 12.1.3.4, and the source loses its authority to operate upon permit expiration until the renewal permit is issued. [AQR 12.1.3.1]

9. If an application for renewal of an existing minor source permit is submitted within six months after permit expiration, the source loses its authority to operate upon permit expiration until the renewal permit is issued. [AQR 12.1.3.1(c)]

10. If an application for the renewal of an existing minor source permit is submitted six months or more after permit expiration, the source loses its authority to operate upon permit expiration; the source will be treated as a new minor source, and the application will be subject to all the requirements of AQR 12.1.3.6. [AQR 12.1.3.1(e)]