PORTABLE SYNTHETIC MINOR SOURCE PERMIT

SOURCE ID: 18158
American Eagle Ready Mix, LLC
Source Location as Specified by the Current Move Notice

ISSUED ON: 

EXPIRES ON: 

Current action: New

Issued to: Responsible Official:
American Eagle Ready Mix, LLC Galen Stockton
120 West Delhi Avenue President
North Las Vegas, Nevada 89032 PHONE: (702) 363-2453 FAX: (702) 733-3002

EMAIL: gstockton@aermlv.com

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

American Eagle Ready Mix, LLC is a portable concrete batch plant that is permitted to operate in various locations within Clark County. The source consists of hoppers, bins, conveyors, silos, unpaved haul roads, and stockpiles. The source is categorized under SIC codes 3273, “Ready Mix Concrete” and NAICS code 327320, “Ready-Mix Concrete Manufacturing.”

The source has taken a voluntarily accepted emission limit through operational limitations to avoid becoming a major source or to avoid exceeding significance thresholds, which classifies the source as a synthetic minor source of PM$_{10}$. The source is a true minor source for all other regulated pollutants.

SOURCE-WIDE PTE SUMMARY: The facility is a synthetic minor source of PM$_{10}$ and a true minor source for PM$_{2.5}$.

<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>6.91</td>
<td>1.35</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>
TABLE OF CONTENTS

1.0 EQUIPMENT ......................................................................................................................... 5
  1.1 Emission Units .................................................................................................................. 5
  1.2 Insignificant Activities ..................................................................................................... 5
  1.3 Nonroad Engines ............................................................................................................. 5

2.0 CONTROLS ......................................................................................................................... 7
  2.1 Control Devices ............................................................................................................... 7
  2.2 Control Requirements ..................................................................................................... 7

3.0 LIMITATIONS .................................................................................................................... 9
  3.1 Operational Limits .......................................................................................................... 9
  3.2 Emission Limits .............................................................................................................. 9

4.0 COMPLIANCE DEMONSTRATION REQUIREMENTS .................................................. 11
  4.1 Monitoring ...................................................................................................................... 11
  4.2 Testing ............................................................................................................................ 13
  4.3 Recordkeeping Requirements ......................................................................................... 13
  4.4 Reporting and Notification ............................................................................................ 15
  4.5 Portable Source Requirements ....................................................................................... 16

5.0 ADMINISTRATIVE REQUIREMENTS ........................................................................... 18
  5.1 General ............................................................................................................................ 18
  5.2 Renewals and Revisions .................................................................................................. 19

LIST OF TABLES

Table 1-1. Summary of Emission Units .................................................................................. 5
Table 2-1. Summary of Add-On Control Devices ................................................................... 7
Table 3-1. Potential to Emit (tons per year) ........................................................................... 9
Table 3-2. Source-Wide Emission Unit PTE Summary (tons per year) ................................. 9
**COMMON ACRONYMS AND ABBREVIATIONS**

(These terms may be seen in the permit)

<table>
<thead>
<tr>
<th>Acronym</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANFO</td>
<td>ammonium nitrate-fuel oil</td>
</tr>
<tr>
<td>AQR</td>
<td>Clark County Air Quality Regulation</td>
</tr>
<tr>
<td>CO</td>
<td>carbon monoxide</td>
</tr>
<tr>
<td>DAQ</td>
<td>Division of Air Quality</td>
</tr>
<tr>
<td>DES</td>
<td>Clark County Department of Environment and Sustainability</td>
</tr>
<tr>
<td>EPA</td>
<td>U.S. Environmental Protection Agency</td>
</tr>
<tr>
<td>EU</td>
<td>emission unit</td>
</tr>
<tr>
<td>NAICS</td>
<td>North American Industry Classification System</td>
</tr>
<tr>
<td>NO(_x)</td>
<td>nitrogen oxides</td>
</tr>
<tr>
<td>O&amp;M</td>
<td>operations and maintenance</td>
</tr>
<tr>
<td>Pb</td>
<td>lead</td>
</tr>
<tr>
<td>PM(_{2.5})</td>
<td>particulate matter less than 2.5 microns in aerodynamic diameter</td>
</tr>
<tr>
<td>PM(_{10})</td>
<td>particulate matter less than 10 microns in aerodynamic diameter</td>
</tr>
<tr>
<td>PTE</td>
<td>potential to emit</td>
</tr>
<tr>
<td>RT</td>
<td>round trip</td>
</tr>
<tr>
<td>SIC</td>
<td>Standard Industrial Classification</td>
</tr>
<tr>
<td>SO(_2)</td>
<td>sulfur dioxide</td>
</tr>
<tr>
<td>TBD</td>
<td>to be determined</td>
</tr>
<tr>
<td>VAEL</td>
<td>Voluntarily Accepted Emission Limit</td>
</tr>
<tr>
<td>VMT</td>
<td>vehicle miles traveled</td>
</tr>
<tr>
<td>VOC</td>
<td>volatile organic compound</td>
</tr>
</tbody>
</table>
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>Description</th>
<th>Manufacturer</th>
<th>Model No.</th>
<th>Serial No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>A01</td>
<td></td>
<td>4-Compartment Aggregate Bin</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A02</td>
<td></td>
<td>Aggregate Weigh Hopper</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A03</td>
<td></td>
<td>Conveyor System (2 belts)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A04</td>
<td></td>
<td>Cement Silo (bin vent)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A05</td>
<td>300 yd³/hr</td>
<td>Screw Conveyor (enclosed)</td>
<td>Con-E-Co</td>
<td>Lo-Pro</td>
<td>TBD</td>
</tr>
<tr>
<td>A06</td>
<td></td>
<td>Fly Ash Silo (bin vent)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A07</td>
<td></td>
<td>Screw Conveyor (enclosed)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A08</td>
<td></td>
<td>Weigh Hopper (baghouse)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A09</td>
<td></td>
<td>Truck Loadout (baghouse)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B01</td>
<td>RT = 0.25 mile</td>
<td>Haul Road; Unpaved</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B02</td>
<td>2.0 Acres</td>
<td>Stockpiles</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1.2 INSIGNIFICANT ACTIVITIES

No insignificant activities have been identified.

1.3 NONROAD ENGINES

Pursuant to Title 40, Part 1068.30 of the Code of Federal Regulations (40 CFR Part 1068.30), nonroad engines that are portable or transportable (i.e., not used on self-propelled equipment) 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>A08, A09</td>
<td>Baghouse</td>
<td>Con-E-Co</td>
<td>Lo-Pro</td>
<td>TBD</td>
<td>PM10/PM2.5</td>
</tr>
</tbody>
</table>

2.2 CONTROL REQUIREMENTS

Concrete Batching [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: A01, A02, & A03.

2. The permittee shall enclose the screw conveyors on weigh hoppers to control all fugitive emissions (EUs: A05 and A07).

3. The permittee shall maintain and operate a baghouse for the weigh batcher (EU: A08) and truck loading (EU: A09) to effectively control particulate emissions at all times the processing equipment is operating.

4. The permittee shall maintain the pressure drop across the baghouse within the range of 2.0 to 6.0 inches of water column (EUs: A08 and A09).

5. The permittee shall utilize bin vents on the cement and fly ash silos to control particulate emissions at all times the processing equipment is operating (EUs: A04 and A06).

Haul Roads [AQR 12.1.4.1(c)&(f)]

6. 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: B01).

General [AQR 12.1.4.1(c)&(f)]

7. 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. [AQR 40 & AQR 43]
8. 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. [AQR 41.1.2]
3.0 LIMITATIONS

3.1 OPERATIONAL LIMITS

1. The permittee shall limit the manufacture of concrete to a total of 300,000 cubic yards in any consecutive 12-month period (EUs: A01–A09). [AQR 12.1.4.1(c)&(f) AQR 12.1.7(a) (VAEL)]

2. The permittee shall limit the total stockpile area to 2.0 acres at any given time (EU: B02). [AQR 12.1.4.1(c)&(f)]

3. The permittee shall limit the vehicle miles traveled on unpaved roads to 7,500 miles in any consecutive 12-month period (B01). [AQR 12.1.4.1(c)&(f)]

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>6.91</td>
<td>1.35</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</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</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>A01</td>
<td>300,000 cubic yards</td>
<td>0.57</td>
<td>0.16</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>A02</td>
<td>300,000 cubic yards</td>
<td>0.57</td>
<td>0.16</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>A03</td>
<td>300,000 cubic yards</td>
<td>0.57</td>
<td>0.16</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>A04</td>
<td>300,000 cubic yards</td>
<td>0.02</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>A05</td>
<td>300,000 cubic yards</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>A06</td>
<td>300,000 cubic yards</td>
<td>0.03</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>A07</td>
<td>300,000 cubic yards</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>A08</td>
<td>300,000 cubic yards</td>
<td>0.57</td>
<td>0.16</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>A09</td>
<td>300,000 cubic yards</td>
<td>1.13</td>
<td>0.32</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>B01</td>
<td>7,500 VMT</td>
<td>2.84</td>
<td>0.28</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>B02</td>
<td>2.0 Acres</td>
<td>0.61</td>
<td>0.09</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

1 The quantities in this column are not intended as enforceable permit limits unless stated otherwise in this permit.
3. 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]*

4. The permittee shall not exhibit visible emissions from units this permit identifies as being enclosed emission units or wet processes (EUs: A05, and A07). [*AQR 12.1.4.1(c)]*

5. The permittee shall not allow the baghouse for the weigh batcher (EU: A08) and truck loading (EU: A09) to exhibit visible emissions greater than 20 percent opacity.

6. The permittee shall not allow the bin vent on the cement and fly ash silos to exhibit visible emissions greater than 20 percent opacity (EUs: A04 and A06).
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, and calculate, on a monthly basis, the throughput as a consecutive 12-month total.

Haul Roads/Stockpiles [AQR 12.1.4.1(d)]

8. The permittee shall monitor daily the number of VMT on unpaved haul road on-site by haul trucks entering and leaving, and calculate, on a monthly basis, the VMT as a consecutive 12-month total (EU: B01).

9. The permittee shall monitor daily the total stockpile area at each location (EU: B02).

Baghouses/Bin Vents [AQR 12.1.4.1(d)]

10. 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.

11. 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:

   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.
12. 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.

13. The permittee shall have a standard operating procedures (SOP) manual for baghouses. 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.

14. The permittee shall conduct daily visual observations of baghouse and/or stack discharges 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.

15. The permittee shall conduct daily visual observations of the bin vents 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: A04 and A06).

16. The permittee shall visually inspect the bin vent at least monthly for air leaks. Defective components shall be repaired or replaced within 5 working days of the discovery of the malfunction. Should the malfunction cause the bin vent to be ineffective in controlling particulate emissions, the processing of material shall cease until such repairs to the bin vent are completed (EUs: A04 and A06).

17. The permittee shall develop and follow a preventative maintenance schedule that is consistent with the bin vent manufacturer’s operations and maintenance (O&M) manual for routine and long-term maintenance (EUs: A04 and A06).

4.2 TESTING

No performance testing requirements have been identified.

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 taken and the steps taken to make any necessary corrections 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 A01 – A09, if obtainable;

**Daily Actions/Throughput**

e. Daily volume of concrete manufactured;

f. Daily baghouse pressure drop readings;

**Monthly and Annual Throughput**

g. Location-specific, and no less than monthly, summations of hours of operation or throughput for each emission unit that has an operational limit (EU: A01 – A09);

h. Location changes, with start and end dates.

i. Monthly, consecutive 12-month total volume of concrete manufactured, in cubic yards (EUs: A01 – A09) (reported annually);

**Haul Roads/Stockpiles**

j. Length(s) of unpaved on-site haul road(s) (EU: B01);

k. Monthly, consecutive 12-month total vehicle miles traveled on unpaved haul roads (EU: B01) (reported annually);

l. Total stockpile area at each location (EU: B02);

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

**Nonroad Engines**

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

**Performance Testing**

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

**Emissions**

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

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

r. 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 12.1.4.1(d)(2)(A)]

3. The permittee shall maintain all records for a period of at least five years from their creation. [AQR 12.1.4.1(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 12.1.4.1(n)]

3. The permittee shall submit to the Control Officer, within 15 days after commencing operation, 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); [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)]; and
iii. Include each recorded item listed in Section 4.3 of this permit that is noted for annual reporting purposes.

5. 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.

6. 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)]

7. 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. 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), as amended 12/18/2018]

4. 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), as amended 12/18/2018]

5. 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), & 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. \[\text{AQR 12.1.3.1(b)}\]

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. \[\text{AQR 12.1.3.3}\]

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. \[\text{AQR 12.1.3.4}\]

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. \[\text{AQR 12.1.3.1}\]

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. \[\text{AQR 12.1.3.1(c)}\]

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. \[\text{AQR 12.1.3.1(e)}\]