



**Bureau of Air Pollution Control**

901 SOUTH STEWART STREET SUITE 4001

CARSON CITY, NEVADA 89701-5249

p: 775-687-9349 • [ndep.nv.gov/air](http://ndep.nv.gov/air)

**Facility ID No. A0426**

**Permit No. AP1442-2351.03**

**CLASS II AIR QUALITY OPERATING PERMIT**

**Issued to:** STAKER AND PARSON COMPANIES (HEREINAFTER REFERRED TO AS PERMITTEE)

**Mailing Address:** 89 WEST 13490 SOUTH, SUITE 100, DRAPER, UT 84020

**Physical Address:** 2755 LAST CHANCE ROAD, ELKO, NV 89801

**Driving Directions:** FROM EXIT 301 ON I-80 IN ELKO, NV TURN RIGHT ON NV-225 S/ W SILVER STREET AND CONTINUE STRAIGHT FOR 1.8 MILES. TURN RIGHT ON NV-227 E/5TH STREET AND FOLLOW FOR 1.5 MILES. TURN LEFT ON LAST CHANCE ROAD AND FOLLOW FOR 0.5 MILES. MAKE A SLIGHT LEFT AND THE FACILITY GATE WILL BE STRAIGHT AHEAD.

**General Facility Location:** SECTIONS 1 AND 12, T 34 N, R 55 E, MDB&M  
HA 49 – ELKO SEGMENT / ELKO COUNTY  
NORTH 4,521,968 M, EAST 606,809 M, UTM ZONE 11, NAD 83

**Emission Unit List:**

**A. System 1 - Aggregate Feed Hopper #1 (Revised June 2025, Air Case 12438)**

PF1.001 Loader Transfer to Feeder AG1-FD

**B. System 2 - Jaw Crusher #1 (Revised June 2025, Air Case 12438)**

PF1.002 Jaw Crusher AG1-Jaw 1 (In: Feeder AG1-FD; Out: Conveyor AG1-C1)

**C. System 3 - Conveyor Transfer (Revised June 2025, Air Case 12438)**

PF1.003 Conveyor AG1-C1 Transfer to Conveyor AG1-C2

**D. System 4 - Triple Deck Screen #1 (Revised June 2025, Air Case 12438)**

PF1.004 Triple Deck Screen AG1-SC1 and Associated Transfers (In: Conveyor AG1-C2; Out: Conveyors AG1-C3, AG1-C6, AG1-C8, and AG1-C11)

**E. System 5 - Conveyor Transfers (Revised June 2025, Air Case 12438)**

PF1.005 Conveyor AG1-C3 Transfer to Conveyor AG1-C4

PF1.006 Conveyor AG1-C4 Transfer to Conveyor AG1-C5

PF1.007 Conveyor AG1-C5 Transfer to Stockpile AG1-SP1

PF1.008 Conveyor AG1-C6 Transfer to AG1-C7

PF1.009 Conveyor AG1-C8 Transfer to Conveyor AG1-C9

PF1.010 Conveyor AG1-C9 Transfer to Conveyor AG1-C10

PF1.011 Conveyor AG1-C11 Transfer to AG1-C12

**F. System 6 - Cone Crusher #1 (Revised June 2025, Air Case 12438)**

PF1.012 Cone Crusher AG1-CC1 and Associated Transfers (In: Conveyor AG1-C12; Out: Conveyor AG1-C13)

**G. System 7 - Conveyor Transfers SC1 Return (Revised June 2025, Air Case 12438)**

PF1.013 Conveyor AG1-C13 Transfer to Conveyor AG1-C14

PF1.014 Conveyor AG1-C14 Transfer to Conveyor AG1-C1

**H. System 8 - Vertical Shaft Impactor #1 (Revised June 2025, Air Case 12438)**

PF1.015 Vertical Shaft Impactor AG1-VSI1 and Associated Transfers (In: Conveyors AG1-C7, AG1-C21; Out: Conveyor AG1-C15)



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**Emission Unit List: (continued)**

**I. System 9 - Conveyor Transfers to BS1 (Revised June 2025, Air Case 12438)**

PF1.016 Conveyor AG1-C15 Transfer to Conveyor AG1-C10

**J. System 10 - Box Splitter (Revised June 2025, Air Case 12438)**

PF1.017 Conveyor AG1-C10 Transfer to Box Splitter AG1-BS1

PF1.018 Box Splitter AG1-BS1 Transfer to Conveyor AG1-C16

PF1.019 Box Splitter AG1-BS1 Transfer to Conveyor AG1-C17

**K. System 11 - Triple Deck Screen #2 (Revised June 2025, Air Case 12438)**

PF1.020 Triple Deck Screen AG1-SC2 and Associated Transfers (In: Conveyor AG1-C16; Out: Conveyors AG1-C17A, AG1-C18 and AG1-C22)

**L. System 12 - Conveyor Transfers return to VSI1 (Revised June 2025, Air Case 12438)**

PF1.021 Conveyor AG1-C18 Transfer to Conveyor AG1-C19

PF1.022 Conveyor AG1-C19 Transfer to Conveyor AG1-C20

PF1.023 Conveyor AG1-C20 Transfer to Conveyor AG1-C21

**M. System 13 - Conveyor Transfers to SP2 (Revised June 2025, Air Case 12438)**

PF1.024 Conveyor AG1-C22 Transfer to Conveyor AG1-C23

PF1.025 Conveyor AG1-C23 Transfer to Stockpile AG1-SP2

**N. System 14 - Triple Deck Screen #3 (Revised June 2025, Air Case 12438)**

PF1.026 Triple Deck Screen AG1-SC3 and Associated Transfers (In: Conveyors AG1-C17, AG1-C17A; Out: Conveyors AG1-C18, AG1-C24, and AG1-C25)

**O. System 15 - Conveyor Transfers to SP3 and SP4 (Revised June 2025, Air Case 12438)**

PF1.027 Conveyor AG1-C24 Transfer to Conveyor AG1-C26

PF1.028 Conveyor AG1-C26 Transfer to Stockpile AG1-SP3

PF1.029 Conveyor AG1-C25 Transfer to Conveyor AG1-C27

PF1.030 Conveyor AG1-C27 Transfer to Stockpile AG1-SP4

**P. System 16 - Aggregate Loading (Revised June 2025, Air Case 12438)**

PF1.031 Loader Transfer of Aggregate to 6-Bin Feeder (AP-F1 through AP-F6)

PF1.032 6-Bin Feeder (AP-F1 through AP-F6) Transfer to Conveyor AP-C1

**Q. System 17 - Aggregate Scalping Screen (Revised June 2025, Air Case 12438)**

PF1.033 Aggregate Scalping Screen AP-SC1 and Associated Transfers (In: Conveyor AP-C1; Out: Conveyor AP-C2)

**R. System 18 - Recycled Asphalt (RAP) Feeder System (Revised June 2025, Air Case 12438)**

PF1.034 Loader Transfer of RAP to RAP 2-Bin Feeder (AP-RF1 and AP-RF2)

PF1.035 RAP 2-Bin Feeder (AP-RF1 and AP-RF2) Transfer to Conveyor AP-C3

**S. System 19 - Recycled Asphalt (RAP) Scalping Screen (Revised June 2025, Air Case 12438)**

PF1.036 RAP Scalping Screen AP-SC2 and Associated Transfers (In: Conveyor AP-C3; Out: Conveyor AP-C4)



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**Emission Unit List: (continued)**

**T. System 20 - Lime Silo #1 (Revised June 2025, Air Case 12438)**

- S2.001 Lime Silo AP-S1 Pneumatic Loading
- PF1.037 Lime Silo AP-S1 Unloading to Pugmill AP-PM1 by Enclosed Auger

**U. System 21 - Reserved**

**V. System 22 - Lime Marination: Material Loadout (Revised June 2025, Air Case 12438)**

- PF1.039 Loader Transfer to 6-Bin Feeder (AP-F1 through AP-F6)
- PF1.040 6-Bin Feeder (AP-F1 through AP-F6) Transfer to Conveyor AP-C1

**W. System 23 - Lime Marination: Scalping Screen (Revised June 2025, Air Case 12438)**

- PF1.041 Scalping Screen AP-SC1 and Associated Transfers (In: Conveyor AP-C1; Out: Conveyor AP-C2)

**X. System 24 - Lime Marination: Material Transfers (Revised June 2025, Air Case 12438)**

- PF1.042 Conveyor AP-C2 Transfer to Conveyor AP-C5
- PF1.043 Conveyor AP-C5 Transfer to Pug Mill AP-PM1
- PF1.044 Pug Mill AP-PM1 Transfer to Conveyor AP-C6
- PF1.045 Conveyor AP-C6 Transfer to Conveyor AP-C7
- PF1.046 Conveyor AP-C7 Transfer to Stockpile AP-SP1

**Y. System 25 - Drum Mix Asphalt Plant: Drum Dryer (Revised June 2025, Air Case 12438)**

- S2.002 Drum Dryer/Mixer AP-D1 and Associated Transfers (In: Conveyors AP-C2 and AP-C4)

**Z. System 26 - Asphalt Silo Loading (Revised June 2025, Air Case 12438)**

- PF1.048 Asphalt Storage Silos (AP-S3 through AP-S5) Loading

**AA. System 27 - Asphalt Silo Unloading (Revised June 2025, Air Case 12438)**

- PF1.049 Asphalt Storage Silos (AP-S3 through AP-S5) Unloading to Trucks

**AB. System 28 - Hot Oil Heater (Revised May 2025, Air Case 12438)**

- S2.003 3.0 MMBtu, Diesel Fired, Hot Oil Heater

**AC. System 29 - Concrete Batch Plant: Sand Transfers (Revised June 2025, Air Case 12438)**

- PF1.050 Loader Transfer of Sand to Sand Hopper CP-F1
- PF1.051 Sand Hopper CP-F1 Transfer to Sand Conveyor CP-C1
- PF1.052 Sand Conveyor CP-C1 Transfer to Weigh Hopper CP-WH1

**AD. System 30 - Concrete Batch Plant: Aggregate Transfers (Revised June 2025, Air Case 12438)**

- PF1.053 Loader Transfer to Aggregate Hoppers CP-F2 and CP-F3
- PF1.054 Aggregate Hoppers CP-F2 and CP-F3 Transfer to Aggregate Conveyor CP-C2
- PF1.055 Aggregate Conveyor CP-C2 Transfer to Weigh Hopper CP-WH1

**AE. System 31 - Concrete Batch Plant: Truck Loading (Revised June 2025, Air Case 12438)**

- PF1.056 Weigh Hopper Loading CP-WH1 Transfer to Mixer Truck
- PF1.057 Weigh Hopper Loading CP-WH2 Transfer to Mixer Truck



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**Emission Unit List: (continued)**

**AF. System 32 - Concrete Batch Plant: Cement Silo #1 (Revised June 2025, Air Case 12438)**

S2.004 Cement Silo CP-S1 Pneumatic Loading  
PF1.058 Cement Silo CP-S1 Unloading to Weigh Hopper CP-WH2

**AG. System 33 - Concrete Batch Plant: Cement Silo #2 (Revised June 2025, Air Case 12438)**

S2.005 Cement Silo CP-S2 Pneumatic Loading  
PF1.059 Cement Silo CP-S2 Unloading to Weigh Hopper CP-WH2

**AH. System 34 - Concrete Batch Plant: Cement Supplement Silo #3 (Revised June 2025, Air Case 12438)**

S2.006 Cement Supplement Silo CP-S3 Pneumatic Loading  
PF1.060 Cement Supplement Silo CP-S3 Pneumatic Unloading to Weigh Hopper CP-WH2

**AI. System 35 - Hot Water Boiler (Revised June 2025, Air Case 12438)**

S2.007 6.0 MMBtu, Natural Gas, Hot Water Boiler

**AJ. System 36 - Concrete Plant Diesel Generator (Revised June 2025, Air Case 12438)**

S2.008 972 hp Diesel Generator CP1-G1, Manufactured by Caterpillar, Manufactured: 2008

**AK. System 37 - Wash Plant: Triple Deck Screen**

PF1.061 Triple Deck Screen AG1-WPSC1 and Associated Transfers (In: Conveyor AG1-C5; Out: Conveyors AG1-C28, AG1-C29, and AG1-C30)

**AL. System 38 - Wash Plant: Product Stockpiles**

PF1.062 Conveyor AG1-C28 Transfer to Stockpile AG1-SP5  
PF1.065 Conveyor AG1-C29 Transfer to Stockpile AG1-SP6  
PF1.066 Conveyor AG1-C30 Transfer to Stockpile AG1-SP7

**AM. System 39 - Recycled Asphalt Processing**

PF1.067 Loader transfer of RAP to Feeder AG2-FD

**AN. System 40 - Recycled Asphalt Processing Crushing**

PF1.068 Impact Crusher and Associated Transfers (In: Feeder AG2-FD and Conveyor AG2-C1; Out: Conveyor AG2-C2)

**AO. System 41 - Recycled Asphalt Processing Screening**

PF1.069 Screen and Associated Transfers (In: Feeder AG2-C2; Out: Conveyors AG2-C1 and AG2-C3)

**AP. System 42 - Recycled Asphalt Processing Stockpile**

PF1.070 Conveyor AG2-C3 Transfer to Stockpile

**AQ. System 43 - Gasoline Tank**

S2.009 1,050 Gallon Gasoline Tank

**\*\*\*\*End of Emission Unit List\*\*\*\***



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**Section I. General Provisions**

**A. Prohibited acts; penalty; establishment of violation; request for prosecution (NRS 445B.470) (*State Only Requirement*)**

1. A person shall not knowingly:
  - a. Violate any applicable provision, the terms or conditions of any permit or any provision for the filing of information;
  - b. Fail to pay any fee;
  - c. Falsify any material statement, representation or certification in any notice or report; or
  - d. Render inaccurate any monitoring device or method, required pursuant to the provisions of NRS 445B.100 to 445B.450, inclusive, or 445B.470 to 445B.640, inclusive, or any regulation adopted pursuant to those provisions.
2. Any person who violates any provision of subsection 1 shall be punished by a fine of not more than \$10,000 for each day of the violation.
3. The burden of proof and degree of knowledge required to establish a violation of subsection 1 are the same as those required by 42 U.S.C. § 7413(c), as that section existed on October 1, 1993.
4. If, in the judgment of the Director of the Department or the Director's designee, any person is engaged in any act or practice which constitutes a criminal offense pursuant to NRS 445B.100 to 445B.640, inclusive, the Director of the Department or the designee may request that the Attorney General or the district attorney of the county in which the criminal offense is alleged to have occurred institute by indictment or information a criminal prosecution of the person.
5. If, in the judgment of the control officer of a local air pollution control board, any person is engaged in such an act or practice, the control officer may request that the district attorney of the county in which the criminal offense is alleged to have occurred institute by indictment or information a criminal prosecution of the person.

**B. Visible emissions: Maximum opacity; determination and monitoring of opacity (NAC 445B.22017)**

*(Federally Enforceable SIP Requirement)*

1. Except as otherwise provided in this section and NAC 445B.2202, no owner or operator may cause or permit the discharge into the atmosphere from any emission unit which is of an opacity equal to or greater than 20 percent. Opacity must be determined by one of the following methods:
  - a. If opacity is determined by a visual measurement, it must be determined as set forth in Reference Method 9 in Appendix A of 40 CFR Part 60.
  - b. If a source uses a continuous monitoring system for the measurement of opacity, the data must be reduced to 6-minute averages as set forth in 40 CFR 60.13(h).
2. The provisions of this section and NAC 445B.2202 do not apply to that part of the opacity that consists of uncombined water. The burden of proof to establish the application of this exemption is upon the person seeking to come within the exemption.
3. If the provisions of 40 CFR Part 60, Subpart D or Da apply to an emission unit, the emission unit must be allowed one 6-minute period per hour of not more than 27 percent opacity as set forth in 40 CFR 60.42(a)(2) and 40 CFR 60.42a(b).
4. The continuous monitoring system for monitoring opacity at a facility must be operated and maintained by the owner or operator specified in the permit for the facility in accordance with NAC 445B.256 to 445B.267, inclusive.

**C. Visible emissions: Exceptions for stationary sources (NAC 445B.2202) (*Federally Enforceable SIP Requirement*)**

The provisions of NAC 445B.22017 do not apply to:

1. Smoke from the open burning described in NAC 445B.22067;
2. Smoke discharged in the course of training air pollution control inspectors to observe visible emissions, if the facility has written approval of the Commission;
3. Emissions from an incinerator as set forth in NAC 445B.2207; or
4. Emissions of stationary diesel-powered engines during warm-up for not longer than 15 minutes to achieve operating temperatures.





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**Section I. General Provisions (continued)**

**D. Odors (NAC 445B.22087) (*State Only Requirement*)**

1. No person may discharge or cause to be discharged, from any stationary source, any material or regulated air pollutant which is or tends to be offensive to the senses, injurious or detrimental to health and safety, or which in any way interferes with or prevents the comfortable enjoyment of life or property.
2. The Director shall investigate an odor when 30 percent or more of a sample of the people exposed to it believe it to be objectionable in usual places of occupancy. The sample must be at least 20 people or 75 percent of those exposed if fewer than 20 people are exposed.
3. The Director shall deem the odor to be a violation if he or she is able to make two odor measurements within a period of 1 hour. These measurements must be separated by at least 15 minutes. An odor measurement consists of a detectable odor after the odorous air has been diluted with eight or more volumes of odor-free air.

**E. Prohibited Conduct: Concealment of Emissions (NAC 445B.225) (*Federally Enforceable SIP Requirement*)**

No person may install, construct or use any device which conceals any emission without reducing the total release of regulated air pollutants to the atmosphere.

**F. Prohibited conduct: Operation of source without required equipment; removal or modification of required equipment; modification of required procedure (NAC 445B.227) (*Federally Enforceable SIP Requirement*)**

Except as otherwise provided in NAC 445B.001 to 445B.390, inclusive, no person may:

1. Operate a stationary source of air pollution unless the control equipment for air pollution which is required by applicable requirements or conditions of this Operating Permit is installed and operating.
2. Disconnect, alter, modify or remove any of the control equipment for air pollution or modify any procedure required by an applicable requirement or condition of the permit.

**G. Excess Emissions (NAC 445B.232) (*State Only Requirement*)**

1. Scheduled maintenance or testing or scheduled repairs which may result in excess emissions of regulated air pollutants prohibited by NAC 445B.001 to 445B.390, inclusive, must be approved in advance by the Director and performed during a time designated by the Director as being favorable for atmospheric ventilation.
2. Each owner or operator shall notify the Director of the proposed time and expected duration at least 30 days before any scheduled maintenance or testing which may result in excess emissions of regulated air pollutants prohibited by NAC 445B.001 to 445B.390, inclusive. The scheduled maintenance or testing must not be conducted unless the scheduled maintenance or testing is approved pursuant to subsection 1.
3. Each owner or operator shall notify the Director of the proposed time and expected duration at least 24 hours before any scheduled repairs which may result in excess emissions of regulated air pollutants prohibited by NAC 445B.001 to 445B.390, inclusive. The scheduled repairs must not be conducted unless the scheduled repairs are approved pursuant to subsection 1.
4. Each owner or operator shall notify the Director of any excess emissions within 24 hours after any malfunction or upset of the process equipment or equipment for controlling pollution or during start-up or shutdown of that equipment.



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**Section I. General Provisions (continued)**

G. Excess Emissions (NAC 445B.232) (*State Only Requirement*) (continued)

5. Each owner or operator shall provide the Director, within 15 days after any malfunction, upset, start-up, shutdown or human error which results in excess emissions, sufficient information to enable the Director to determine the seriousness of the excess emissions. The information must include at least the following:
  - a. The identity of the stack or other point of emission, or both, where the excess emissions occurred.
  - b. The estimated magnitude of the excess emissions expressed in opacity or in the units of the applicable limitation on emission and the operating data and methods used in estimating the magnitude of the excess emissions.
  - c. The time and duration of the excess emissions.
  - d. The identity of the equipment causing the excess emissions.
  - e. If the excess emissions were the result of a malfunction, the steps taken to remedy the malfunction and the steps taken or planned to prevent the recurrence of the malfunction.
  - f. The steps taken to limit the excess emissions.
  - g. Documentation that the equipment for controlling air pollution, process equipment or processes were at all times maintained and operated, to a maximum extent practicable, in a manner consistent with good practice for minimizing emissions.
6. Each owner or operator shall ensure that any notification or related information submitted to the Director pursuant to this section is provided in a format specified by the Director.

H. Testing and Sampling (NAC 445B.252) (*Federally Enforceable SIP Requirement*)

1. To determine compliance with NAC 445B.001 to 445B.390, inclusive, before the approval or the continuance of an operating permit or similar class of permits, the Director may either conduct or order the owner of any stationary source to conduct or have conducted such testing and sampling as the Director determines necessary. Testing and sampling or either of them must be conducted and the results submitted to the Director within 60 days after achieving the maximum rate of production at which the affected facility will be operated, but not later than 180 days after initial start-up of the facility and at such other times as may be required by the Director.
2. Tests of performance must be conducted and data reduced in accordance with the methods and procedures of the test contained in each applicable subsection of this section unless the Director:
  - a. Specifies or approves, in specific cases, the use of a method of reference with minor changes in methodology;
  - b. Approves the use of an equivalent method;
  - c. Approves the use of an alternative method, the results of which the Director has determined to be adequate for indicating whether a specific stationary source is in compliance; or
  - d. Waives the requirement for tests of performance because the owner or operator of a stationary source has demonstrated by other means to the Director's satisfaction that the affected facility is in compliance with the standard.
3. Tests of performance must be conducted under such conditions as the Director specifies to the operator of the plant based on representative performance of the affected facility. The owner or operator shall make available to the Director such records as may be necessary to determine the conditions of the performance test. Operations during periods of startup, shutdown and malfunction must not constitute representative conditions of a performance test unless otherwise specified in the applicable standard.
4. The owner or operator of an affected facility shall give notice to the Director 30 days before the test of performance to allow the Director to have an observer present. A written testing procedure for the test of performance must be submitted to the Director at least 30 days before the test of performance to allow the Director to review the proposed testing procedures.
5. Each test of performance must consist of at least three separate runs using the applicable method for that test. Each run must be conducted for the time and under the conditions specified in the applicable standard. For the purpose of determining compliance with an applicable standard, the arithmetic means of results of the runs apply. In the event of forced shutdown, failure of an irreplaceable portion of the sampling train, extreme meteorological conditions or other circumstances with less than three valid samples being obtained, compliance may be determined using the arithmetic mean of the results of the other two runs upon the Director's approval.
6. All testing and sampling will be performed in accordance with recognized methods and as specified by the Director.



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**Section I. General Provisions (continued)**

**H. Testing and Sampling (NAC 445B.252) (*Federally Enforceable SIP Requirement*) (continued)**

7. The cost of all testing and sampling and the cost of all sampling holes, scaffolding, electric power and other pertinent allied facilities as may be required and specified in writing by the Director must be provided and paid for by the owner of the stationary source.
8. All information and analytical results of testing and sampling must be certified as to their truth and accuracy and as to their compliance with all provisions of these regulations, and copies of these results must be provided to the Director no later than 60 days after the testing or sampling, or both.
9. Notwithstanding the provisions of subsection 2, the Director shall not approve an alternative method or equivalent method to determine compliance with a standard or emission limitation contained in Part 60, 61 or 63 of Title 40 of the Code of Federal Regulations for:
  - a. An emission unit that is subject to a testing requirement pursuant to Part 60, 61 or 63 of Title 40 of the Code of Federal Regulations; or
  - b. An affected source.

**I. Permit Revision (NAC 445B.287(1)(b)) (*Federally Enforceable SIP Requirement*)**

If a stationary source is a Class II source, a revision of the operating permit or the permit to construct is required pursuant to the requirements of NAC 445B.3465 before the stationary source may be modified.

**J. Violations: Acts constituting: notice (NAC 445B.275) (*Federally Enforceable SIP Requirement*)**

1. Failure to comply with any requirement of NAC 445B.001 to 445B.390, inclusive, any applicable requirement or any condition of an operating permit constitutes a violation. As required by NRS 445B.450, the Director shall issue a written notice of an alleged violation to any owner or operator for any violation, including, but not limited to:
  - a. Failure to apply for and obtain an operating permit;
  - b. Failure to construct a stationary source in accordance with the application for an operating permit as approved by the Director;
  - c. Failure to construct or operate a stationary source in accordance with any condition of an operating permit;
  - d. Commencing construction or modification of a stationary source without applying for and receiving an operating permit or a modification of an operating permit as required by NAC 445B.001 to 445B.3477, inclusive, or a mercury operating permit to construct as required by NAC 445B.3611 to 445B.3689, inclusive;
  - e. Failure to comply with any requirement for recordkeeping, monitoring, reporting or compliance certification contained in an operating permit; or
  - f. Failure to pay fees as required by NAC 445B.327 or 445B.3689.
2. The written notice must specify the provision of NAC 445B.001 to 445B.390, inclusive, the condition of the operating permit or the applicable requirement that is being violated.
3. Written notice shall be deemed to have been served if delivered to the person to whom addressed or if sent by registered or certified mail to the last known address of the person.

**K. Operating permits: Imposition of more stringent standards for emissions (NAC 445B.305)**

*(Federally Enforceable SIP Requirement)*

1. The Director may impose standards for emissions on a proposed stationary source that are more stringent than those found in NAC 445B.001 to 445B.390, inclusive, as a condition of approving an operating permit for the proposed stationary source.





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**Section I. General Provisions (continued)**

**L. Contents of operating permits: Exception for operating permits to construct; required conditions (NAC 445B.315)  
(Federally Enforceable SIP Requirement)**

1. Notwithstanding any provision of this section to the contrary, the provisions of this section do not apply to operating permits to construct.
2. The Director shall cite the legal authority for each condition contained in an operating permit.
3. An operating permit must contain the following conditions:
  - a. The term of the operating permit is 5 years.
  - b. The holder of the operating permit shall retain records of all required monitoring data and supporting information for 5 years after the date of the sample collection, measurement, report or analysis. Supporting information includes all records regarding calibration and maintenance of the monitoring equipment and all original strip-chart recordings for continuous monitoring instrumentation.
  - c. Each of the conditions and requirements of the operating permit is severable, and if any are held invalid, the remaining conditions and requirements continue in effect.
  - d. The holder of the operating permit shall comply with all conditions of the operating permit. Any noncompliance constitutes a violation and is a ground for:
    - (1) An action for noncompliance;
    - (2) Revising, revoking, reopening and revising, or terminating the operating permit by the Director; or
    - (3) Denial of an application for a renewal of the operating permit by the Director.
  - e. The need to halt or reduce activity to maintain compliance with the conditions of the operating permit is not a defense to noncompliance with any condition of the operating permit.
  - f. The Director may revise, revoke and reissue, reopen and revise, or terminate the operating permit for cause.
  - g. The operating permit does not convey any property rights or any exclusive privilege.
  - h. The holder of the operating permit shall provide the Director, in writing and within a reasonable time, with any information that the Director requests to determine whether cause exists for revising, revoking and reissuing, reopening and revising, or terminating the operating permit, or to determine compliance with the conditions of the operating permit.
  - i. The holder of the operating permit shall pay fees to the Director in accordance with the provisions set forth in NAC 445B.327 and 445B.331.
  - j. The holder of the operating permit shall allow the Director or any authorized representative, upon presentation of credentials, to:
    - (1) Enter upon the premises of the holder of the operating permit where:
      - (a) The stationary source is located;
      - (b) Activity related to emissions is conducted; or
      - (c) Records are kept pursuant to the conditions of the operating permit;
    - (2) Have access to and copy, during normal business hours, any records that are kept pursuant to the conditions of the operating permit;
    - (3) Inspect, at reasonable times, any facilities, practices, operations or equipment, including any equipment for monitoring or controlling air pollution, that are regulated or required pursuant to the operating permit; and
    - (4) Sample or monitor, at reasonable times, substances or parameters to determine compliance with the conditions of the operating permit or applicable requirements.
  - k. A responsible official of the stationary source shall certify that, based on information and belief formed after a reasonable inquiry, the statements made in any document required to be submitted by any condition of the operating permit are true, accurate and complete.



**Bureau of Air Pollution Control**

**Facility ID No. A0426**

**Permit No. AP1442-2351.03**

**CLASS II AIR QUALITY OPERATING PERMIT**

**Issued to:** STAKER AND PARSON COMPANIES – ELKO FACILITY (AS PERMITTEE)

**Section I. General Provisions (continued)**

**M. Operating permits: Revocation and reissuance (NAC 445B.3265) (*State Only Requirement*)**

1. An operating permit may be revoked if the control equipment is not operating.
2. An operating permit may be revoked by the Director upon determining that there has been a violation of NAC 445B.001 to 445B.390, inclusive, or the provisions of 40 CFR 52.21, or 40 CFR Part 60 or 61, Prevention of Significant Deterioration, New Source Performance Standards, and National Emission Standards for Hazardous Air Pollutants, adopted by reference in NAC 445B.221.
3. The revocation is effective 10 days after the service of a written notice, unless a hearing is requested.
4. To reissue a revoked operating permit, the holder of the revoked permit must file a new application with the Director, accompanied by the fee for an initial operating permit as specified in NAC 445B.327. An environmental review of the stationary source must be conducted as though construction had not yet commenced.

**N. Required contents of permit (NAC 445B.346) (*Federally Enforceable SIP Requirement*)**

In addition to the conditions set forth in NAC 445B.315, Class II operating permits must contain, as applicable:

1. Emission limitations and standards, including those operational requirements and limitations that ensure compliance with the conditions of the operating permit.
2. All requirements for monitoring, testing and reporting that apply to the stationary source.
3. A requirement that the owner or operator of the stationary source promptly report any deviations from any requirements of the operating permit.
4. The terms and conditions for any reasonably anticipated alternative operating scenarios identified by the owner or operator of the stationary source in his or her application and approved by the Director. Such terms and conditions must require the owner or operator to keep a contemporaneous log of changes from one alternative operating scenario to another.
5. A schedule of compliance for stationary sources that are not in compliance with any applicable requirement or NAC 445B.001 to 445B.390, inclusive:
  - a. Semiannual progress reports and a schedule of dates for achieving milestones;
  - b. Prior notice of and explanations for missed deadlines; and
  - c. Any preventive or corrective measures taken.

**\*\*\*End of General Provisions\*\*\***



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**CLASS II AIR QUALITY OPERATING PERMIT**

**Issued to:** STAKER AND PARSON COMPANIES – ELKO FACILITY (AS PERMITTEE)

**Section II. General Monitoring, Recordkeeping, and Reporting Conditions**

A. Records Retention (NAC 445B.315(3)(b)) (*Federally Enforceable SIP Requirement*)

The holder of the operating permit shall retain records of all required monitoring data and supporting information for 5 years after the date of the sample collection, measurement, report or analysis. Supporting information includes all records regarding calibration and maintenance of the monitoring equipment and all original strip-chart recordings for continuous monitoring instrumentation.

B. Deviations (NAC 445B.346(3)) (*Federally Enforceable SIP Requirement*)

Under the authority of NAC 445B.346(3), and in addition to the conditions set forth in NAC 445B.315, the owner or operator of the stationary source shall promptly report to the Director any deviations from the requirements of the operating permit. The report to the Director shall include the probable cause of all deviations and any action taken to correct the deviations. For the operating permit, prompt is defined as submittal of a report within 15 days of the deviation. This definition does not alter any reporting requirements as established for reporting of excess emissions as required under NAC 445B.232 as reproduced in **Section I.G.**

**E-mail notifications to:** [aircompliance@ndep.nv.gov](mailto:aircompliance@ndep.nv.gov)

C. Yearly Reports (NAC 445B.315(3)(h), NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)

Under the authority of NAC 445B.315(3)(h) and NAC 445B.346(2) the Permittee will submit yearly reports including, but not limited to, throughput, production, fuel consumption, hours of operation, emissions and supporting documentation to support the calculation of annual emissions. These reports and supporting documentation (if applicable) will be submitted via the State and Local Emissions Inventory System (SLEIS) maintained by the Bureau of Air Quality Planning for all emission units/systems specified. The completed report must be submitted to the Bureau of Air Quality Planning no later than March 1 annually for the preceding calendar year.

**\*\*\*End of General Monitoring, Recordkeeping, and Reporting Conditions\*\*\***



**Bureau of Air Pollution Control**

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**CLASS II AIR QUALITY OPERATING PERMIT**

**Issued to:** STAKER AND PARSON COMPANIES – ELKO FACILITY (AS PERMITTEE)

**Section III. General Construction Conditions**

A. Notification (NAC 445B.250; NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)

Under the authority of NAC 445B.250 and NAC 445B.346; the Director shall be notified in writing of the following for **PF1.003, PF1.005 – PF1.008, PF1.013, PF1.014, PF1.016, PF1.021 - PF1.023, PF1.056, PF1.057, PF1.059, PF1.067 – PF1.070, S2.003, and S2.005:**

1. The date construction (or reconstruction as defined under NAC 445B.247) of the affected facility is commenced, postmarked no later than 30 days after such date. This requirement shall not apply in the case of mass-produced facilities which are purchased in completed form.
2. The anticipated date of initial startup of an affected facility, postmarked no more than 60 days and no less than 30 days prior to such date.
3. The actual date of initial startup of the affected facility, postmarked within 15 days after such date.
4. The date upon which demonstration of the continuous monitoring system performance commences in accordance with NAC 445B.256 to 445B.267, inclusive. Notification must be postmarked not less than 30 days before such date.

**\*\*\*End of General Construction Conditions\*\*\***



**Bureau of Air Pollution Control**

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**CLASS II AIR QUALITY OPERATING PERMIT**

**Issued to:** STAKER AND PARSON COMPANIES – ELKO FACILITY (AS PERMITTEE)

**Section IV. Specific Construction Requirements**

A. Initial Opacity Compliance Demonstration and Initial Performance Tests (NAC 445B.22017, NAC 445B.252, NAC 445B.346(2))  
(*Federally Enforceable SIP Requirement*)

1. Under the authority of NAC 445B.22017, NAC 445B.252, and NAC 445B.346, the Permittee, upon issuance of this operating permit, shall conduct initial opacity compliance demonstrations and/or initial performance tests within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup. The Permittee shall follow the test methods and procedures referenced in Table IV-1 below:

**Table IV-1: Initial Opacity Compliance Demonstration**

System	Emission Unit(s)	Pollutant To Be Tested	Testing Methods/Procedures
System 3 - Conveyor Transfer	PF1.003	Opacity	Method 9 in Appendix A of 40 CFR Part 60 shall be used to determine opacity. Opacity observations shall be conducted concurrently with the applicable performance test. The minimum total time of observations shall be six minutes (24 consecutive observations recorded at 15 second intervals), unless otherwise specified by an applicable subpart.
System 5 - Conveyor Transfers to SP1	PF1.005, PF1.006, PF1.007, PF1.008		
System 7 - Conveyor Transfers SC1 Return	PF1.013, PF1.014		
System 9 - Conveyor Transfers to BS1	PF1.016		
System 12 - Conveyor Transfers return to VSI1	PF1.021, PF1.022, PF1.023		
System 28 - Hot Oil Heater	S2.003		
System 31 - Concrete Batch Plant: Truck Loading	PF1.056, PF1.057		
System 33 - Concrete Batch Plant: Cement Silo #2	S2.005, PF1.059		
System 39 - Recycled Asphalt Processing	PF1.067		
System 40 - Recycled Asphalt Processing Crushing	PF1.068		
System 41 - Recycled Asphalt Processing Screening	PF1.069		
System 42 - Recycled Asphalt Processing Stockpile	PF1.070		





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**CLASS II AIR QUALITY OPERATING PERMIT**

**Issued to:** STAKER AND PARSON COMPANIES – ELKO FACILITY (AS PERMITTEE)

**Section IV. Specific Construction Requirements (continued)**

- A. Initial Opacity Compliance Demonstration and Initial Performance Tests (NAC 445B.22017, NAC 445B.252, NAC 445B.346(2))  
(*Federally Enforceable SIP Requirement*) (continued)
2. All initial opacity compliance demonstrations must comply with the advance notification, protocol review, operational conditions, reporting, and other requirements of **Section I.H. Testing and Sampling** (NAC 445B.252) of this operating permit. Material sampling must be conducted in accordance with protocols approved by the Director. (NAC 445B.252(5))
  3. Testing shall be conducted on the exhaust stack (post controls).
  4. Initial opacity compliance demonstrations, as specified in **Table IV-1** above, must be conducted under such conditions as the Director specifies to the operator of the plant based on representative performance of the affected facility. The Permittee shall make available to the Director such records as may be necessary to determine the conditions of the initial opacity compliance demonstrations. Operations during periods of startup, shutdown and malfunction must not constitute representative conditions of the initial opacity compliance demonstrations unless otherwise specified in the applicable standard. (NAC 445B.252(3))
  5. The Permittee shall give notice to the Director 30 days before the initial opacity compliance demonstrations to allow the Director to have an observer present. A written testing procedure must be submitted to the Director at least 30 days before the initial opacity compliance demonstrations to allow the Director to review the proposed testing procedures. (NAC 445B.252(4) and 40 CFR Part 60.7(a)(6))
  6. Within 60 days after completing the initial opacity compliance demonstrations contained in Table IV-1 of this section, the Permittee shall furnish the Director a written report of the results. All information and analytical results of testing and sampling must be certified as to the truth and accuracy and as to their compliance with NAC 445B.001 to 445B.3689, inclusive. (NAC 445B.252(8))
  7. Initial opacity compliance demonstrations required under this section that are conducted below the maximum allowable throughput, shall be subject to the Director's review to determine if the throughputs during the initial opacity compliance demonstrations were sufficient to provide adequate compliance demonstration. Should the Director determine that the initial opacity compliance demonstrations do not provide adequate compliance demonstration, the Director may require additional testing.

**\*\*\*\*End of Specific Construction Requirements\*\*\*\***

**Bureau of Air Pollution Control****Facility ID No. A0426****Permit No. AP1442-2351.03****CLASS II AIR QUALITY OPERATING PERMIT****Issued to:** STAKER AND PARSON COMPANIES – ELKO FACILITY (AS PERMITTEE)**Section V. Specific Operating Requirements****A. Emission Unit PF1.001**

System 1 - Aggregate Feed Hopper #1 (Revised June 2025, Air Case 12438)		Location UTM (Zone 11, NAD 83)	
		m North	m East
PF1.001	Loader Transfer to Feeder AG1-FD	4,522,358	606,951

1. Air Pollution Control Equipment (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)  
**PF1.001** has no add-on controls.
2. Operating Parameters (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)
  - a. The maximum allowable throughput rate for **PF1.001** shall not exceed **550.0** tons of **sand and gravel** per any one-hour period averaged over a daily basis, nor more than **700,000.0** tons per year.
  - b. Hours
    - (1) **PF1.001** may operate a total of **10** hours per day during the months of **October through March**.
    - (2) **PF1.001** may operate a total of **17** hours per day during the months of **April through September**.
    - (3) **PF1.001** may operate a total of **4,931** hours per year.
    - (4) **PF1.001** may operate from **7 AM to 5 PM only**, during the months of **October through March**.
    - (5) **PF1.001** may operate from **4 AM to 9 PM only**, during the months of **April through September**.
3. Emission Limits (NAC 445B.305, NAC 445B.346(1), NAC 445B.22017) (*Federally Enforceable SIP Requirement*)  
The Permittee, upon issuance of this operating permit, shall not discharge or cause the discharge into the atmosphere from **PF1.001** the following pollutants in excess of the following specified limits:
  - a. The discharge of **PM** (particulate matter) to the atmosphere shall not exceed **1.65** pounds per hour, nor more than **1.05** tons per year.
  - b. The discharge of **PM<sub>10</sub>** (particulate matter less than or equal to 10 microns in diameter) to the atmosphere shall not exceed **0.61** pounds per hour, nor more than **0.39** tons per year.
  - c. The discharge of **PM<sub>2.5</sub>** (particulate matter less than or equal to 2.5 microns in diameter) to the atmosphere shall not exceed **0.094** pounds per hour, nor more than **0.060** tons per year.
  - d. The opacity from **PF1.001** shall not equal or exceed **20** percent.
4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)  
The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate.
  - a. Monitor and record the throughput for **PF1.001** on a daily basis.
  - b. Monitor and record the times at which operations start and stop as well as the total daily hours of operation for **PF1.001**.
  - c. Record the corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate shall be determined from the total daily throughput and the total daily hours of operation.
  - d. Monitor and record the total yearly throughput rate in tons per year. The annual throughput shall be determined as the sum of the monthly throughput rates for the year for all previous months of that year.
  - e. Monitor and record the total yearly hours of operation per year. The annual hours of operation shall be determined as the sum of the monthly hours of operation for all previous months of that year.

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System 2 - Jaw Crusher #1 (Revised June 2025, Air Case 12438)		Location UTM (Zone 11, NAD 83)	
		m North	m East
PF1.002	Jaw Crusher AG1-Jaw 1 (In: Feeder AG1-FD; Out: Conveyor AG1-C1)	4,522,359	606,958

1. Air Pollution Control Equipment (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)  
Emissions from **PF1.002** shall be controlled by **water sprays**.
2. Operating Parameters (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)
  - a. The maximum allowable throughput rate for **PF1.002** shall not exceed **550.0** tons of **sand and gravel** per any one-hour period averaged over a daily basis, nor more than **700,000.0** tons per year.
  - b. Hours
    - (1) **PF1.002** may operate a total of **10** hours per day during the months of **October through March**.
    - (2) **PF1.002** may operate a total of **17** hours per day during the months of **April through September**.
    - (3) **PF1.002** may operate a total of **4,931** hours per year.
    - (4) **PF1.002** may operate from **7 AM to 5 PM only**, during the months of **October through March**.
    - (5) **PF1.002** may operate from **4 AM to 9 PM only**, during the months of **April through September**.
3. Emission Limits (NAC 445B.305, NAC 445B.346(1), NAC 445B.22017) (*Federally Enforceable SIP Requirement*)  
The Permittee, upon issuance of this operating permit, shall not discharge or cause the discharge into the atmosphere from **PF1.002** the following pollutants in excess of the following specified limits:
  - a. The discharge of **PM** (particulate matter) to the atmosphere shall not exceed **0.74** pounds per hour, nor more than **0.47** tons per year.
  - b. The discharge of **PM<sub>10</sub>** (particulate matter less than or equal to 10 microns in diameter) to the atmosphere shall not exceed **0.33** pounds per hour, nor more than **0.21** tons per year.
  - c. The discharge of **PM<sub>2.5</sub>** (particulate matter less than or equal to 2.5 microns in diameter) to the atmosphere shall not exceed **0.055** pounds per hour, nor more than **0.035** tons per year.
4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)  
The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate.
  - a. Monitor and record the throughput for **PF1.002** on a daily basis.
  - b. Monitor and record the times at which operations start and stop as well as the total daily hours of operation for **PF1.002**.
  - c. Record the corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate shall be determined from the total daily throughput and the total daily hours of operation.
  - d. Monitor and record the total yearly throughput rate in tons per year. The annual throughput shall be determined as the sum of the monthly throughput rates for the year for all previous months of that year.
  - e. Monitor and record the total yearly hours of operation per year. The annual hours of operation shall be determined as the sum of the monthly hours of operation for all previous months of that year.
  - f. Conduct and record an observation of visible emissions (excluding water vapor) on the **water sprays** controlling **PF1.002** on a **monthly** basis while operating. The observer shall stand at a distance sufficient to provide a clear view of the emissions with the sun oriented to their back. If visible emissions are observed and exceed the applicable opacity standard, the Permittee shall take immediate corrective action. The Permittee shall maintain in a contemporaneous log the following recordkeeping: the calendar date and time of any required monitoring, name of the observer, results of the monthly observation of visible emissions, and any corrective actions taken.



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**Section V. Specific Operating Conditions (continued)**

**B. Emission Unit PF1.002 (continued)**

4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*) (continued)  
The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate. (continued)
  - g. The Permittee of any affected facility that uses wet suppression to control emissions from the affected facility must perform **monthly** periodic inspections to check that water is flowing to discharge spray nozzles in the wet suppression system. The Permittee must initiate corrective action within 24 hours and complete corrective action as expediently as practical if the Permittee finds that water is not flowing properly during an inspection of the water spray nozzles. The Permittee must record each inspection of the water spray nozzles, including the date of each inspection and any corrective actions taken.
5. Federal Requirements (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)  
New Source Performance Standards (NSPS) – 40 CFR Part 60 Subpart OOO – Standards of Performance for Nonmetallic Mineral Processing Plants (40 CFR Part 60.670)
  - a. On and after the sixtieth day after achieving the maximum production rate at which **PF1.002** will be operated, but not later than 180 days after initial startup, the Permittee shall not discharge or cause the discharge into the atmosphere, the following pollutants in excess of the following specified limits:
    - (1) Process fugitive emissions from **PF1.002** will not exceed **12 percent** opacity. (40 CFR Part 60.672(b))
    - (2) The opacity standard set forth in this part shall apply at all times except during period of startup, shutdown, and malfunction. (40 CFR 60.11(c))
  - b. The owner or operator of any affected facility for which construction, modification, or reconstruction commenced on or after April 22, 2008, that uses wet suppression to control emissions from the affected facility must perform monthly periodic inspections to check that water is flowing to discharge spray nozzles in the wet suppression system. The owner or operator must initiate corrective action within 24 hours and complete corrective action as expediently as practical if the owner or operator finds that water is not flowing properly during an inspection of the water spray nozzles. The owner or operator must record each inspection of the water spray nozzles, including the date of each inspection and any corrective actions taken, in the logbook required under 40 CFR 60.676(b). (40 CFR 60.674(b))
  - c. Notifications and reports required under this subpart and under subpart A of this part to demonstrate compliance with this subpart need only to be sent to the EPA Region or the State which has been delegated authority according to 40 CFR 60.4(b). (40 CFR 60.676(k))
  - d. At all times, including periods of startup, shutdown, and malfunction, Permittee shall, to the extent practicable, maintain and operate **PF1.002** including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. (40 CFR Part 60.11(d))

**Bureau of Air Pollution Control****Facility ID No. A0426****Permit No. AP1442-2351.03****CLASS II AIR QUALITY OPERATING PERMIT****Issued to:** STAKER AND PARSON COMPANIES – ELKO FACILITY (AS PERMITTEE)**Section V. Specific Operating Conditions (continued)****C. Emission Unit PF1.003**

System 3 - Conveyor Transfer (Revised June 2025, Air Case 12438)		Location UTM (Zone 11, NAD 83)	
		m North	m East
PF1.003	Conveyor AG1-C1 Transfer to Conveyor AG1-C2	4,522,359	606,970

1. Air Pollution Control Equipment (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)  
Emissions from **PF1.003** shall be controlled by **water sprays**.
2. Operating Parameters (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)
  - a. The maximum allowable throughput rate for **PF1.003** shall not exceed **550.0** tons of **sand and gravel** per any one-hour period averaged over a daily basis, nor more than **700,000.0** tons per year.
  - b. Hours
    - (1) **PF1.003** may operate a total of **10** hours per day during the months of **October through March**.
    - (2) **PF1.003** may operate a total of **17** hours per day during the months of **April through September**.
    - (3) **PF1.003** may operate a total of **4,931** hours per year.
    - (4) **PF1.003** may operate from **7 AM to 5 PM only**, during the months of **October through March**.
    - (5) **PF1.003** may operate from **4 AM to 9 PM only**, during the months of **April through September**.
3. Emission Limits (NAC 445B.305, NAC 445B.346(1), NAC 445B.22017) (*Federally Enforceable SIP Requirement*)  
The Permittee, upon issuance of this operating permit, shall not discharge or cause the discharge into the atmosphere from **PF1.003** the following pollutants in excess of the following specified limits:
  - a. The discharge of **PM** (particulate matter) to the atmosphere shall not exceed **0.41** pounds per hour, nor more than **0.26** tons per year.
  - b. The discharge of **PM<sub>10</sub>** (particulate matter less than or equal to 10 microns in diameter) to the atmosphere shall not exceed **0.15** pounds per hour, nor more than **0.096** tons per year.
  - c. The discharge of **PM<sub>2.5</sub>** (particulate matter less than or equal to 2.5 microns in diameter) to the atmosphere shall not exceed **0.023** pounds per hour, nor more than **0.015** tons per year.
4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)  
The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate.
  - a. Monitor and record the throughput for **PF1.003** on a daily basis.
  - b. Monitor and record the times at which operations start and stop as well as the total daily hours of operation for **PF1.003**.
  - c. Record the corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate shall be determined from the total daily throughput and the total daily hours of operation.
  - d. Monitor and record the total yearly throughput rate in tons per year. The annual throughput shall be determined as the sum of the monthly throughput rates for the year for all previous months of that year.
  - e. Monitor and record the total yearly hours of operation per year. The annual hours of operation shall be determined as the sum of the monthly hours of operation for all previous months of that year.
  - f. Conduct and record an observation of visible emissions (excluding water vapor) on the **water sprays** controlling **PF1.003** on a **monthly** basis while operating. The observer shall stand at a distance sufficient to provide a clear view of the emissions with the sun oriented to their back. If visible emissions are observed and exceed the applicable opacity standard, the Permittee shall take immediate corrective action. The Permittee shall maintain in a contemporaneous log the following recordkeeping: the calendar date and time of any required monitoring, name of the observer, results of the monthly observation of visible emissions, and any corrective actions taken.





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**Section V. Specific Operating Conditions (continued)**

**C. Emission Unit PF1.003 (continued)**

4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*) (continued)  
The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate. (continued)
  - g. The Permittee of any affected facility that uses wet suppression to control emissions from the affected facility must perform **monthly** periodic inspections to check that water is flowing to discharge spray nozzles in the wet suppression system. The Permittee must initiate corrective action within 24 hours and complete corrective action as expediently as practical if the Permittee finds that water is not flowing properly during an inspection of the water spray nozzles. The Permittee must record each inspection of the water spray nozzles, including the date of each inspection and any corrective actions taken.
5. Federal Requirements (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)  
New Source Performance Standards (NSPS) – 40 CFR Part 60 Subpart OOO – Standards of Performance for Nonmetallic Mineral Processing Plants (40 CFR Part 60.670)
  - a. On and after the sixtieth day after achieving the maximum production rate at which **PF1.003** will be operated, but not later than 180 days after initial startup, the Permittee shall not discharge or cause the discharge into the atmosphere, the following pollutants in excess of the following specified limits:
    - (1) Process fugitive emissions from **PF1.003** will not exceed **7 percent** opacity. (40 CFR Part 60.672(b))
    - (2) The opacity standard set forth in this part shall apply at all times except during period of startup, shutdown, and malfunction. (40 CFR 60.11(c))
  - b. The owner or operator of any affected facility for which construction, modification, or reconstruction commenced on or after April 22, 2008, that uses wet suppression to control emissions from the affected facility must perform monthly periodic inspections to check that water is flowing to discharge spray nozzles in the wet suppression system. The owner or operator must initiate corrective action within 24 hours and complete corrective action as expediently as practical if the owner or operator finds that water is not flowing properly during an inspection of the water spray nozzles. The owner or operator must record each inspection of the water spray nozzles, including the date of each inspection and any corrective actions taken, in the logbook required under 40 CFR 60.676(b). (40 CFR 60.674(b))
  - c. Notifications and reports required under this subpart and under subpart A of this part to demonstrate compliance with this subpart need only to be sent to the EPA Region or the State which has been delegated authority according to 40 CFR 60.4(b). (40 CFR 60.676(k))
  - d. At all times, including periods of startup, shutdown, and malfunction, Permittee shall, to the extent practicable, maintain and operate **PF1.003** including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. (40 CFR Part 60.11(d))

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System 4 - Triple Deck Screen #1 (Revised June 2025, Air Case 12438)		Location UTM (Zone 11, NAD 83)	
		m North	m East
PF1.004	Triple Deck Screen AG1-SC1 and Associated Transfers (In: Conveyor AG1-C2; Out: Conveyors AG1-C3, AG1-C6, AG1-C8, and AG1-C11)	4,522,356	606,981

1. Air Pollution Control Equipment (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)  
Emissions from **PF1.004** shall be controlled by **water sprays**.
2. Operating Parameters (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)
  - a. The maximum allowable throughput rate for **PF1.004** shall not exceed **550.0** tons of **sand and gravel** per any one-hour period averaged over a daily basis, nor more than **700,000.0** tons per year.
  - b. Hours
    - (1) **PF1.004** may operate a total of **10** hours per day during the months of **October through March**.
    - (2) **PF1.004** may operate a total of **17** hours per day during the months of **April through September**.
    - (3) **PF1.004** may operate a total of **4,931** hours per year.
    - (4) **PF1.004** may operate from **7 AM to 5 PM only**, during the months of **October through March**.
    - (5) **PF1.004** may operate from **4 AM to 9 PM only**, during the months of **April through September**.
3. Emission Limits (NAC 445B.305, NAC 445B.346(1), NAC 445B.22017) (*Federally Enforceable SIP Requirement*)  
The Permittee, upon issuance of this operating permit, shall not discharge or cause the discharge into the atmosphere from **PF1.004** the following pollutants in excess of the following specified limits:
  - a. The discharge of **PM** (particulate matter) to the atmosphere shall not exceed **3.44** pounds per hour, nor more than **2.19** tons per year.
  - b. The discharge of **PM<sub>10</sub>** (particulate matter less than or equal to 10 microns in diameter) to the atmosphere shall not exceed **1.20** pounds per hour, nor more than **0.76** tons per year.
  - c. The discharge of **PM<sub>2.5</sub>** (particulate matter less than or equal to 2.5 microns in diameter) to the atmosphere shall not exceed **0.18** pounds per hour, nor more than **0.11** tons per year.
4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)  
The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate.
  - a. Monitor and record the throughput for **PF1.004** on a daily basis.
  - b. Monitor and record the times at which operations start and stop as well as the total daily hours of operation for **PF1.004**.
  - c. Record the corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate shall be determined from the total daily throughput and the total daily hours of operation.
  - d. Monitor and record the total yearly throughput rate in tons per year. The annual throughput shall be determined as the sum of the monthly throughput rates for the year for all previous months of that year.
  - e. Monitor and record the total yearly hours of operation per year. The annual hours of operation shall be determined as the sum of the monthly hours of operation for all previous months of that year.
  - f. Conduct and record an observation of visible emissions (excluding water vapor) on the **water sprays** controlling **PF1.004** on a **monthly** basis while operating. The observer shall stand at a distance sufficient to provide a clear view of the emissions with the sun oriented to their back. If visible emissions are observed and exceed the applicable opacity standard, the Permittee shall take immediate corrective action. The Permittee shall maintain in a contemporaneous log the following recordkeeping: the calendar date and time of any required monitoring, name of the observer, results of the monthly observation of visible emissions, and any corrective actions taken.



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**Section V. Specific Operating Conditions (continued)**

**D. Emission Unit PF1.004 (continued)**

4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*) (continued)  
The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate. (continued)
  - g. The Permittee of any affected facility that uses wet suppression to control emissions from the affected facility must perform **monthly** periodic inspections to check that water is flowing to discharge spray nozzles in the wet suppression system. The Permittee must initiate corrective action within 24 hours and complete corrective action as expediently as practical if the Permittee finds that water is not flowing properly during an inspection of the water spray nozzles. The Permittee must record each inspection of the water spray nozzles, including the date of each inspection and any corrective actions taken.
5. Federal Requirements (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)  
New Source Performance Standards (NSPS) – 40 CFR Part 60 Subpart OOO – Standards of Performance for Nonmetallic Mineral Processing Plants (40 CFR Part 60.670)
  - a. On and after the sixtieth day after achieving the maximum production rate at which **PF1.004** will be operated, but not later than 180 days after initial startup, the Permittee shall not discharge or cause the discharge into the atmosphere, the following pollutants in excess of the following specified limits:
    - (1) Process fugitive emissions from **PF1.004** will not exceed **7 percent** opacity. (40 CFR Part 60.672(b))
    - (2) The opacity standard set forth in this part shall apply at all times except during period of startup, shutdown, and malfunction. (40 CFR 60.11(c))
  - b. The owner or operator of any affected facility for which construction, modification, or reconstruction commenced on or after April 22, 2008, that uses wet suppression to control emissions from the affected facility must perform monthly periodic inspections to check that water is flowing to discharge spray nozzles in the wet suppression system. The owner or operator must initiate corrective action within 24 hours and complete corrective action as expediently as practical if the owner or operator finds that water is not flowing properly during an inspection of the water spray nozzles. The owner or operator must record each inspection of the water spray nozzles, including the date of each inspection and any corrective actions taken, in the logbook required under 40 CFR 60.676(b). (40 CFR 60.674(b))
  - c. Notifications and reports required under this subpart and under subpart A of this part to demonstrate compliance with this subpart need only to be sent to the EPA Region or the State which has been delegated authority according to 40 CFR 60.4(b). (40 CFR 60.676(k))
  - d. At all times, including periods of startup, shutdown, and malfunction, Permittee shall, to the extent practicable, maintain and operate **PF1.004** including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. (40 CFR Part 60.11(d))

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System 5 - Conveyor Transfers to SP1 (Revised June 2025, Air Case 12438)		Location UTM (Zone 11, NAD 83)	
		m North	m East
PF1.005	Conveyor AG1-C3 Transfer to Conveyor AG1-C4	4,522,362	606,981
PF1.006	Conveyor AG1-C4 Transfer to Conveyor AG1-C5	4,522,364	607,000
PF1.007	Conveyor AG1-C5 Transfer to Stockpile AG1-SP1	4,522,340	607,014
PF1.008	Conveyor AG1-C6 Transfer to AG1-C7	4,522,354	606,984
PF1.009	Conveyor AG1-C8 Transfer to Conveyor AG1-C9	4,522,351	606,982
PF1.010	Conveyor AG1-C9 Transfer to Conveyor AG1-C10	4,522,338	606,981
PF1.011	Conveyor AG1-C11 Transfer to AG1-C12	4,522,351	606,982

1. Air Pollution Control Equipment (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)  
Emissions from **PF1.005 through PF1.011, each**, shall be controlled by **water sprays**.
2. Operating Parameters (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)
  - a. The maximum allowable throughput rate for **PF1.005 through PF1.011, each**, shall not exceed **550.0** tons of **sand and gravel** per any one-hour period averaged over a daily basis, nor more than **350,000.0** tons per year.
  - b. Hours
    - (1) **PF1.005 through PF1.011, each**, may operate a total of **10** hours per day during the months of **October through March**.
    - (2) **PF1.005 through PF1.011, each**, may operate a total of **17** hours per day during the months of **April through September**.
    - (3) **PF1.005 through PF1.011, each**, may operate a total of **4,931** hours per year.
    - (4) **PF1.005 through PF1.011, each**, may operate from **7 AM to 5 PM only**, during the months of **October through March**.
    - (5) **PF1.005 through PF1.011, each**, may operate from **4 AM to 9 PM only**, during the months of **April through September**.
3. Emission Limits (NAC 445B.305, NAC 445B.346(1), NAC 445B.22017) (*Federally Enforceable SIP Requirement*)  
The Permittee, upon issuance of this operating permit, shall not discharge or cause the discharge into the atmosphere from **PF1.005 through PF1.011, each**, the following pollutants in excess of the following specified limits:
  - a. The discharge of **PM** (particulate matter) to the atmosphere shall not exceed **0.41** pounds per hour, nor more than **0.13** tons per year.
  - b. The discharge of **PM<sub>10</sub>** (particulate matter less than or equal to 10 microns in diameter) to the atmosphere shall not exceed **0.15** pounds per hour, nor more than **0.048** tons per year.
  - c. The discharge of **PM<sub>2.5</sub>** (particulate matter less than or equal to 2.5 microns in diameter) to the atmosphere shall not exceed **0.023** pounds per hour, nor more than **0.0074** tons per year.
  - d. The opacity from **PF1.007** shall not equal or exceed **20** percent.
4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)  
The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate.
  - a. Monitor and record the throughput for **PF1.005 through PF1.011, each**, on a daily basis.
  - b. Monitor and record the times at which operations start and stop as well as the total daily hours of operation for **PF1.005 through PF1.011, each**.
  - c. Record the corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate shall be determined from the total daily throughput and the total daily hours of operation.



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**Section V. Specific Operating Conditions (continued)**

**E. Emission Units PF1.005 through PF1.011 (continued)**

4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*) (continued)  
The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate. (continued)
  - d. Monitor and record the total yearly throughput rate in tons per year. The annual throughput shall be determined as the sum of the monthly throughput rates for the year for all previous months of that year.
  - e. Monitor and record the total yearly hours of operation per year. The annual hours of operation shall be determined as the sum of the monthly hours of operation for all previous months of that year.
  - f. Conduct and record an observation of visible emissions (excluding water vapor) on the water sprays controlling **PF1.005 through PF1.011, each**, on a **monthly** basis while operating. The observer shall stand at a distance sufficient to provide a clear view of the emissions with the sun oriented to their back. If visible emissions are observed and exceed the applicable opacity standard, the Permittee shall take immediate corrective action. The Permittee shall maintain in a contemporaneous log the following recordkeeping: the calendar date and time of any required monitoring, name of the observer, results of the monthly observation of visible emissions, and any corrective actions taken.
  - g. The Permittee of any affected facility that uses wet suppression to control emissions from the affected facility must perform **monthly** periodic inspections to check that water is flowing to discharge spray nozzles in the wet suppression system. The Permittee must initiate corrective action within 24 hours and complete corrective action as expediently as practical if the Permittee finds that water is not flowing properly during an inspection of the water spray nozzles. The Permittee must record each inspection of the water spray nozzles, including the date of each inspection and any corrective actions taken.
5. Federal Requirements (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)  
New Source Performance Standards (NSPS) – 40 CFR Part 60 Subpart OOO – Standards of Performance for Nonmetallic Mineral Processing Plants (40 CFR Part 60.670)
  - a. On and after the sixtieth day after achieving the maximum production rate at which **PF1.005 through PF1.006 and PF1.008 through PF1.011, each**, will be operated, but not later than 180 days after initial startup, the Permittee shall not discharge or cause the discharge into the atmosphere, the following pollutants in excess of the following specified limits:
    - (1) Process fugitive emissions from **PF1.005 through PF1.006 and PF1.008 through PF1.011, each**, will not exceed **7 percent** opacity. (40 CFR Part 60.672(b))
    - (2) The opacity standard set forth in this part shall apply at all times except during period of startup, shutdown, and malfunction. (40 CFR 60.11(c))
  - b. The owner or operator of any affected facility for which construction, modification, or reconstruction commenced on or after April 22, 2008, that uses wet suppression to control emissions from the affected facility must perform monthly periodic inspections to check that water is flowing to discharge spray nozzles in the wet suppression system. The owner or operator must initiate corrective action within 24 hours and complete corrective action as expediently as practical if the owner or operator finds that water is not flowing properly during an inspection of the water spray nozzles. The owner or operator must record each inspection of the water spray nozzles, including the date of each inspection and any corrective actions taken, in the logbook required under 40 CFR 60.676(b). (40 CFR 60.674(b))
  - c. Notifications and reports required under this subpart and under subpart A of this part to demonstrate compliance with this subpart need only to be sent to the EPA Region or the State which has been delegated authority according to 40 CFR 60.4(b). (40 CFR 60.676(k))
  - d. At all times, including periods of startup, shutdown, and malfunction, Permittee shall, to the extent practicable, maintain and operate **PF1.005 through PF1.006 and PF1.008 through PF1.011, each**, including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. (40 CFR Part 60.11(d))



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System 6 - Cone Crusher #1 (Revised June 2025, Air Case 12438)		Location UTM (Zone 11, NAD 83)	
		m North	m East
PF1.012	Cone Crusher AG1-CC1 and Associated Transfers (In: Conveyor AG1-C12; Out: Conveyor AG1-C13)	4,522,347	606,967

1. Air Pollution Control Equipment (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)  
Emissions from **PF1.012** shall be controlled by **water sprays**.
2. Operating Parameters (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)
  - a. The maximum allowable throughput rate for **PF1.012** shall not exceed **400.0** tons of **sand and gravel** per any one-hour period averaged over a daily basis, nor more than **350,000.0** tons per year.
  - b. Hours
    - (1) **PF1.012** may operate a total of **10** hours per day during the months of **October through March**.
    - (2) **PF1.012** may operate a total of **17** hours per day during the month of **April through September**.
    - (3) **PF1.012** may operate a total of **4,931** hours per year.
    - (4) **PF1.012** may operate from **7 AM to 5 PM only**, during the months of **October through March**.
    - (5) **PF1.012** may operate from **4 AM to 9 PM only**, during the months of **April through September**.
3. Emission Limits (NAC 445B.305, NAC 445B.346(1), NAC 445B.22017) (*Federally Enforceable SIP Requirement*)  
The Permittee, upon issuance of this operating permit, shall not discharge or cause the discharge into the atmosphere from **PF1.012** the following pollutants in excess of the following specified limits:
  - a. The discharge of **PM** (particulate matter) to the atmosphere shall not exceed **0.54** pounds per hour, nor more than **0.24** tons per year.
  - b. The discharge of **PM<sub>10</sub>** (particulate matter less than or equal to 10 microns in diameter) to the atmosphere shall not exceed **0.24** pounds per hour, nor more than **0.11** tons per year.
  - c. The discharge of **PM<sub>2.5</sub>** (particulate matter less than or equal to 2.5 microns in diameter) to the atmosphere shall not exceed **0.040** pounds per hour, nor more than **0.018** tons per year.
4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)  
The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate.
  - a. Monitor and record the throughput for **PF1.012** on a daily basis.
  - b. Monitor and record the times at which operations start and stop as well as the total daily hours of operation for **PF1.012**.
  - c. Record the corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate shall be determined from the total daily throughput and the total daily hours of operation.
  - d. Monitor and record the total yearly throughput rate in tons per year. The annual throughput shall be determined as the sum of the monthly throughput rates for the year for all previous months of that year.
  - e. Monitor and record the total yearly hours of operation per year. The annual hours of operation shall be determined as the sum of the monthly hours of operation for all previous months of that year.



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**Section V. Specific Operating Conditions (continued)**

**F. Emission Unit PF1.012 (continued)**

4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*) (continued)  
The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate. (continued)
  - f. Conduct and record an observation of visible emissions (excluding water vapor) on the **water sprays** controlling **PF1.012** on a **monthly** basis while operating. The observer shall stand at a distance sufficient to provide a clear view of the emissions with the sun oriented to their back. If visible emissions are observed and exceed the applicable opacity standard, the Permittee shall take immediate corrective action. The Permittee shall maintain in a contemporaneous log the following recordkeeping: the calendar date and time of any required monitoring, name of the observer, results of the monthly observation of visible emissions, and any corrective actions taken.
  - g. The Permittee of any affected facility that uses wet suppression to control emissions from the affected facility must perform **monthly** periodic inspections to check that water is flowing to discharge spray nozzles in the wet suppression system. The Permittee must initiate corrective action within 24 hours and complete corrective action as expediently as practical if the Permittee finds that water is not flowing properly during an inspection of the water spray nozzles. The Permittee must record each inspection of the water spray nozzles, including the date of each inspection and any corrective actions taken.
5. Federal Requirements (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)  
New Source Performance Standards (NSPS) – 40 CFR Part 60 Subpart OOO – Standards of Performance for Nonmetallic Mineral Processing Plants (40 CFR Part 60.670)
  - a. On and after the sixtieth day after achieving the maximum production rate at which **PF1.012** will be operated, but not later than 180 days after initial startup, the Permittee shall not discharge or cause the discharge into the atmosphere, the following pollutants in excess of the following specified limits:
    - (1) Process fugitive emissions from **PF1.012** will not exceed **12 percent** opacity. (40 CFR Part 60.672(b))
    - (2) The opacity standard set forth in this part shall apply at all times except during period of startup, shutdown, and malfunction. (40 CFR 60.11(c))
  - b. The owner or operator of any affected facility for which construction, modification, or reconstruction commenced on or after April 22, 2008, that uses wet suppression to control emissions from the affected facility must perform monthly periodic inspections to check that water is flowing to discharge spray nozzles in the wet suppression system. The owner or operator must initiate corrective action within 24 hours and complete corrective action as expediently as practical if the owner or operator finds that water is not flowing properly during an inspection of the water spray nozzles. The owner or operator must record each inspection of the water spray nozzles, including the date of each inspection and any corrective actions taken, in the logbook required under 40 CFR 60.676(b). (40 CFR 60.674(b))
  - c. Notifications and reports required under this subpart and under subpart A of this part to demonstrate compliance with this subpart need only to be sent to the EPA Region or the State which has been delegated authority according to 40 CFR 60.4(b). (40 CFR 60.676(k))
  - d. At all times, including periods of startup, shutdown, and malfunction, Permittee shall, to the extent practicable, maintain and operate **PF1.012** including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. (40 CFR Part 60.11(d))

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System 7 - Conveyor Transfers SC1 Return (Revised June 2025, Air Case 12438)		Location UTM (Zone 11, NAD 83)	
		m North	m East
PF1.013	Conveyor AG1-C13 Transfer to Conveyor AG1-C14	4,522,347	606,965
PF1.014	Conveyor AG1-C14 Transfer to Conveyor AG1-C1	4,522,359	606,961

1. Air Pollution Control Equipment (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)  
Emissions from **PF1.013 and PF1.014, each**, shall be controlled by **water sprays**.
2. Operating Parameters (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)
  - a. The maximum allowable throughput rate for **PF1.013 and PF1.014, each**, shall not exceed **400.0 tons of sand and gravel** per any one-hour period averaged over a daily basis, nor more than **350,000.0 tons per year**.
  - b. Hours
    - (1) **PF1.013 and PF1.014, each**, may operate a total of **10 hours per day** during the months of **October through March**.
    - (2) **PF1.013 and PF1.014, each**, may operate a total of **17 hours per day** during the month of **April through September**.
    - (3) **PF1.013 and PF1.014, each**, may operate a total of **4,931 hours per year**.
    - (4) **PF1.013 and PF1.014, each**, may operate from **7 AM to 5 PM only**, during the months of **October through March**.
    - (5) **PF1.013 and PF1.014, each**, may operate from **4 AM to 9 PM only**, during the months of **April through September**.
3. Emission Limits (NAC 445B.305, NAC 445B.346(1), NAC 445B.22017) (*Federally Enforceable SIP Requirement*)  
The Permittee, upon issuance of this operating permit, shall not discharge or cause the discharge into the atmosphere from **PF1.013 and PF1.014, each**, the following pollutants in excess of the following specified limits:
  - a. The discharge of **PM** (particulate matter) to the atmosphere shall not exceed **0.30 pounds per hour**, nor more than **0.13 tons per year**.
  - b. The discharge of **PM<sub>10</sub>** (particulate matter less than or equal to 10 microns in diameter) to the atmosphere shall not exceed **0.11 pounds per hour**, nor more than **0.048 tons per year**.
  - c. The discharge of **PM<sub>2.5</sub>** (particulate matter less than or equal to 2.5 microns in diameter) to the atmosphere shall not exceed **0.017 pounds per hour**, nor more than **0.0074 tons per year**.
4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)  
The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate.
  - a. Monitor and record the throughput for **PF1.013 and PF1.014, each**, on a daily basis.
  - b. Monitor and record the times at which operations start and stop as well as the total daily hours of operation for **PF1.013 and PF1.014, each**.
  - c. Record the corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate shall be determined from the total daily throughput and the total daily hours of operation.
  - d. Monitor and record the total yearly throughput rate in tons per year. The annual throughput shall be determined as the sum of the monthly throughput rates for the year for all previous months of that year.
  - e. Monitor and record the total yearly hours of operation per year. The annual hours of operation shall be determined as the sum of the monthly hours of operation for all previous months of that year.



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**Facility ID No. A0426**

**Permit No. AP1442-2351.03**

**CLASS II AIR QUALITY OPERATING PERMIT**

**Issued to:** STAKER AND PARSON COMPANIES – ELKO FACILITY (AS PERMITTEE)

**Section V. Specific Operating Conditions (continued)**

**G. Emission Units PF1.013 and PF1.014 (continued)**

4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*) (continued)  
The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate. (continued)
  - f. Conduct and record an observation of visible emissions (excluding water vapor) on the **water sprays** controlling **PF1.013 and PF1.014, each**, on a monthly basis while operating. The observer shall stand at a distance sufficient to provide a clear view of the emissions with the sun oriented to their back. If visible emissions are observed and exceed the applicable opacity standard, the Permittee shall take immediate corrective action. The Permittee shall maintain in a contemporaneous log the following recordkeeping: the calendar date and time of any required monitoring, name of the observer, results of the monthly observation of visible emissions, and any corrective actions taken.
  - g. The Permittee of any affected facility that uses wet suppression to control emissions from the affected facility must perform **monthly** periodic inspections to check that water is flowing to discharge spray nozzles in the wet suppression system. The Permittee must initiate corrective action within 24 hours and complete corrective action as expediently as practical if the Permittee finds that water is not flowing properly during an inspection of the water spray nozzles. The Permittee must record each inspection of the water spray nozzles, including the date of each inspection and any corrective actions taken.
5. Federal Requirements (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)  
New Source Performance Standards (NSPS) – 40 CFR Part 60 Subpart OOO – Standards of Performance for Nonmetallic Mineral Processing Plants (40 CFR Part 60.670)
  - a. On and after the sixtieth day after achieving the maximum production rate at which **PF1.013 and PF1.014, each**, will be operated, but not later than 180 days after initial startup, the Permittee shall not discharge or cause the discharge into the atmosphere, the following pollutants in excess of the following specified limits:
    - (1) Process fugitive emissions from **PF1.013 and PF1.014, each**, will not exceed **7 percent** opacity. (40 CFR Part 60.672(b))
    - (2) The opacity standard set forth in this part shall apply at all times except during period of startup, shutdown, and malfunction. (40 CFR 60.11(c))
  - b. The owner or operator of any affected facility for which construction, modification, or reconstruction commenced on or after April 22, 2008, that uses wet suppression to control emissions from the affected facility must perform monthly periodic inspections to check that water is flowing to discharge spray nozzles in the wet suppression system. The owner or operator must initiate corrective action within 24 hours and complete corrective action as expediently as practical if the owner or operator finds that water is not flowing properly during an inspection of the water spray nozzles. The owner or operator must record each inspection of the water spray nozzles, including the date of each inspection and any corrective actions taken, in the logbook required under 40 CFR 60.676(b). (40 CFR 60.674(b))
  - c. Notifications and reports required under this subpart and under subpart A of this part to demonstrate compliance with this subpart need only to be sent to the EPA Region or the State which has been delegated authority according to 40 CFR 60.4(b). (40 CFR 60.676(k))
  - d. At all times, including periods of startup, shutdown, and malfunction, Permittee shall, to the extent practicable, maintain and operate **PF1.013 and PF1.014, each**, including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. (40 CFR Part 60.11(d))



**Bureau of Air Pollution Control****Facility ID No. A0426****Permit No. AP1442-2351.03****CLASS II AIR QUALITY OPERATING PERMIT****Issued to:** STAKER AND PARSON COMPANIES – ELKO FACILITY (AS PERMITTEE)**Section V. Specific Operating Conditions (continued)****H. Emission Unit PF1.015**

System 8 - Vertical Shaft Impactor #1 (Revised June 2025, Air Case 12438)		Location UTM (Zone 11, NAD 83)	
		m North	m East
PF1.015	Vertical Shaft Impactor AG1-VSII and Associated Transfers (In: Conveyors AG1-C7, AG1-C21; Out: Conveyor AG1-C15)	4,522,332	606,983

1. Air Pollution Control Equipment (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)  
Emissions from **PF1.015** shall be controlled by **water sprays**.
2. Operating Parameters (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)
  - a. The maximum allowable throughput rate for **PF1.015** shall not exceed **400.0** tons of **sand and gravel** per any one-hour period averaged over a daily basis, nor more than **350,000.0** tons per year.
  - b. Hours
    - (1) **PF1.015** may operate a total of **10** hours per day during the months of **October through March**.
    - (2) **PF1.015** may operate a total of **17** hours per day during the month of **April through September**.
    - (3) **PF1.015** may operate a total of **4,931** hours per year.
    - (4) **PF1.015** may operate from **7 AM to 5 PM only**, during the months of **October through March**.
    - (5) **PF1.015** may operate from **4 AM to 9 PM only**, during the months of **April through September**.
3. Emission Limits (NAC 445B.305, NAC 445B.346(1), NAC 445B.22017) (*Federally Enforceable SIP Requirement*)  
The Permittee, upon issuance of this operating permit, shall not discharge or cause the discharge into the atmosphere from **PF1.015** the following pollutants in excess of the following specified limits:
  - a. The discharge of **PM** (particulate matter) to the atmosphere shall not exceed **0.54** pounds per hour, nor more than **0.24** tons per year.
  - b. The discharge of **PM<sub>10</sub>** (particulate matter less than or equal to 10 microns in diameter) to the atmosphere shall not exceed **0.24** pounds per hour, nor more than **0.11** tons per year.
  - c. The discharge of **PM<sub>2.5</sub>** (particulate matter less than or equal to 2.5 microns in diameter) to the atmosphere shall not exceed **0.040** pounds per hour, nor more than **0.018** tons per year.
4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)  
The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate.
  - a. Monitor and record the throughput for **PF1.015** on a daily basis.
  - b. Monitor and record the times at which operations start and stop as well as the total daily hours of operation for **PF1.015**.
  - c. Record the corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate shall be determined from the total daily throughput and the total daily hours of operation.
  - d. Monitor and record the total yearly throughput rate in tons per year. The annual throughput shall be determined as the sum of the monthly throughput rates for the year for all previous months of that year.
  - e. Monitor and record the total yearly hours of operation per year. The annual hours of operation shall be determined as the sum of the monthly hours of operation for all previous months of that year.
  - f. Conduct and record an observation of visible emissions (excluding water vapor) on the **water sprays** controlling **PF1.015** on a **monthly** basis while operating. The observer shall stand at a distance sufficient to provide a clear view of the emissions with the sun oriented to their back. If visible emissions are observed and exceed the applicable opacity standard, the Permittee shall take immediate corrective action. The Permittee shall maintain in a contemporaneous log the following recordkeeping: the calendar date and time of any required monitoring, name of the observer, results of the monthly observation of visible emissions, and any corrective actions taken.





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**Issued to:** STAKER AND PARSON COMPANIES – ELKO FACILITY (AS PERMITTEE)

**Section V. Specific Operating Conditions (continued)**

**H. Emission Unit PF1.015 (continued)**

4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*) (continued)  
The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate. (continued)
  - g. The Permittee of any affected facility that uses wet suppression to control emissions from the affected facility must perform **monthly** periodic inspections to check that water is flowing to discharge spray nozzles in the wet suppression system. The Permittee must initiate corrective action within 24 hours and complete corrective action as expediently as practical if the Permittee finds that water is not flowing properly during an inspection of the water spray nozzles. The Permittee must record each inspection of the water spray nozzles, including the date of each inspection and any corrective actions taken.
5. Federal Requirements (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)  
New Source Performance Standards (NSPS) – 40 CFR Part 60 Subpart OOO – Standards of Performance for Nonmetallic Mineral Processing Plants (40 CFR Part 60.670)
  - a. On and after the sixtieth day after achieving the maximum production rate at which **PF1.015** will be operated, but not later than 180 days after initial startup, the Permittee shall not discharge or cause the discharge into the atmosphere, the following pollutants in excess of the following specified limits:
    - (1) Process fugitive emissions from **PF1.015** will not exceed **12 percent** opacity. (40 CFR Part 60.672(b))
    - (2) The opacity standard set forth in this part shall apply at all times except during period of startup, shutdown, and malfunction. (40 CFR 60.11(c))
  - b. The owner or operator of any affected facility for which construction, modification, or reconstruction commenced on or after April 22, 2008, that uses wet suppression to control emissions from the affected facility must perform monthly periodic inspections to check that water is flowing to discharge spray nozzles in the wet suppression system. The owner or operator must initiate corrective action within 24 hours and complete corrective action as expediently as practical if the owner or operator finds that water is not flowing properly during an inspection of the water spray nozzles. The owner or operator must record each inspection of the water spray nozzles, including the date of each inspection and any corrective actions taken, in the logbook required under 40 CFR 60.676(b). (40 CFR 60.674(b))
  - c. Notifications and reports required under this subpart and under subpart A of this part to demonstrate compliance with this subpart need only to be sent to the EPA Region or the State which has been delegated authority according to 40 CFR 60.4(b). (40 CFR 60.676(k))
  - d. At all times, including periods of startup, shutdown, and malfunction, Permittee shall, to the extent practicable, maintain and operate **PF1.015** including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. (40 CFR Part 60.11(d))

**Bureau of Air Pollution Control****Facility ID No. A0426****Permit No. AP1442-2351.03****CLASS II AIR QUALITY OPERATING PERMIT****Issued to:** STAKER AND PARSON COMPANIES – ELKO FACILITY (AS PERMITTEE)**Section V. Specific Operating Conditions (continued)****I. Emission Unit PF1.016**

System 9 - Conveyor Transfers to BS1 (Revised June 2025, Air Case 12438)		Location UTM (Zone 11, NAD 83)	
		m North	m East
PF1.016	Conveyor AG1-C15 Transfer to Conveyor AG1-C10	4,522,333	606,982

1. Air Pollution Control Equipment (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)  
Emissions from **PF1.016** shall be controlled by **water sprays**.
2. Operating Parameters (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)
  - a. The maximum allowable throughput rate for **PF1.016** shall not exceed **400.0** tons of **sand and gravel** per any one-hour period averaged over a daily basis, nor more than **350,000.0** tons per year.
  - b. Hours
    - (1) **PF1.016** may operate a total of **10** hours per day during the months of **October through March**.
    - (2) **PF1.016** may operate a total of **17** hours per day during the month of **April through September**.
    - (3) **PF1.016** may operate a total of **4,931** hours per year.
    - (4) **PF1.016** may operate from **7 AM to 5 PM only**, during the months of **October through March**.
    - (5) **PF1.016** may operate from **4 AM to 9 PM only**, during the months of **April through September**.
3. Emission Limits (NAC 445B.305, NAC 445B.346(1), NAC 445B.22017) (*Federally Enforceable SIP Requirement*)  
The Permittee, upon issuance of this operating permit, shall not discharge or cause the discharge into the atmosphere from **PF1.016** the following pollutants in excess of the following specified limits:
  - a. The discharge of **PM** (particulate matter) to the atmosphere shall not exceed **0.30** pounds per hour, nor more than **0.13** tons per year.
  - b. The discharge of **PM<sub>10</sub>** (particulate matter less than or equal to 10 microns in diameter) to the atmosphere shall not exceed **0.11** pounds per hour, nor more than **0.048** tons per year.
  - c. The discharge of **PM<sub>2.5</sub>** (particulate matter less than or equal to 2.5 microns in diameter) to the atmosphere shall not exceed **0.017** pounds per hour, nor more than **0.0074** tons per year.
4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)  
The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate.
  - a. Monitor and record the throughput for **PF1.016** on a daily basis.
  - b. Monitor and record the times at which operations start and stop as well as the total daily hours of operation for **PF1.016**.
  - c. Record the corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate shall be determined from the total daily throughput and the total daily hours of operation.
  - d. Monitor and record the total yearly throughput rate in tons per year. The annual throughput shall be determined as the sum of the monthly throughput rates for the year for all previous months of that year.
  - e. Monitor and record the total yearly hours of operation per year. The annual hours of operation shall be determined as the sum of the monthly hours of operation for all previous months of that year.
  - f. Conduct and record an observation of visible emissions (excluding water vapor) on the **water sprays** controlling **PF1.016** on a **monthly** basis while operating. The observer shall stand at a distance sufficient to provide a clear view of the emissions with the sun oriented to their back. If visible emissions are observed and exceed the applicable opacity standard, the Permittee shall take immediate corrective action. The Permittee shall maintain in a contemporaneous log the following recordkeeping: the calendar date and time of any required monitoring, name of the observer, results of the monthly observation of visible emissions, and any corrective actions taken.



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**Section V. Specific Operating Conditions (continued)**

**I. Emission Unit PF1.016 (continued)**

4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*) (continued)  
The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate. (continued)
  - g. The Permittee of any affected facility that uses wet suppression to control emissions from the affected facility must perform **monthly** periodic inspections to check that water is flowing to discharge spray nozzles in the wet suppression system. The Permittee must initiate corrective action within 24 hours and complete corrective action as expediently as practical if the Permittee finds that water is not flowing properly during an inspection of the water spray nozzles. The Permittee must record each inspection of the water spray nozzles, including the date of each inspection and any corrective actions taken.
5. Federal Requirements (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)  
New Source Performance Standards (NSPS) – 40 CFR Part 60 Subpart OOO – Standards of Performance for Nonmetallic Mineral Processing Plants (40 CFR Part 60.670)
  - a. On and after the sixtieth day after achieving the maximum production rate at which **PF1.016** will be operated, but not later than 180 days after initial startup, the Permittee shall not discharge or cause the discharge into the atmosphere, the following pollutants in excess of the following specified limits:
    - (1) Process fugitive emissions from **PF1.016** will not exceed **7 percent** opacity. (40 CFR Part 60.672(b))
    - (2) The opacity standard set forth in this part shall apply at all times except during period of startup, shutdown, and malfunction. (40 CFR 60.11(c))
  - b. The owner or operator of any affected facility for which construction, modification, or reconstruction commenced on or after April 22, 2008, that uses wet suppression to control emissions from the affected facility must perform monthly periodic inspections to check that water is flowing to discharge spray nozzles in the wet suppression system. The owner or operator must initiate corrective action within 24 hours and complete corrective action as expediently as practical if the owner or operator finds that water is not flowing properly during an inspection of the water spray nozzles. The owner or operator must record each inspection of the water spray nozzles, including the date of each inspection and any corrective actions taken, in the logbook required under 40 CFR 60.676(b). (40 CFR 60.674(b))
  - c. Notifications and reports required under this subpart and under subpart A of this part to demonstrate compliance with this subpart need only to be sent to the EPA Region or the State which has been delegated authority according to 40 CFR 60.4(b). (40 CFR 60.676(k))
  - d. At all times, including periods of startup, shutdown, and malfunction, Permittee shall, to the extent practicable, maintain and operate **PF1.016** including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. (40 CFR Part 60.11(d))

**Bureau of Air Pollution Control****Facility ID No. A0426****Permit No. AP1442-2351.03****CLASS II AIR QUALITY OPERATING PERMIT****Issued to:** STAKER AND PARSON COMPANIES – ELKO FACILITY (AS PERMITTEE)**Section V. Specific Operating Conditions (continued)****J. Emission Units PF1.017 through PF1.019**

System 10 - Box Splitter (Revised June 2025, Air Case 12438)		Location UTM (Zone 11, NAD 83)	
		m North	m East
PF1.017	Conveyor AG1-C10 Transfer to Box Splitter AG1-BS1	4,522,325	606,970
PF1.018	Box Splitter AG1-BS1 Transfer to Conveyor AG1-C16	4,522,325	606,971
PF1.019	Box Splitter AG1-BS1 Transfer to Conveyor AG1-C17	4,522,324	606,969

1. Air Pollution Control Equipment (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)  
Emissions from **PF1.017 through PF1.019, each**, shall be controlled by **water sprays**.
2. Operating Parameters (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)
  - a. The maximum allowable throughput rate for **PF1.017** shall not exceed **400.0** tons of **sand and gravel** per any one-hour period averaged over a daily basis, nor more than **350,000.0** tons per year.
  - b. The maximum allowable throughput rate for **PF1.018 and PF1.019, each**, shall not exceed **400.0** tons of **sand and gravel** per any one-hour period averaged over a daily basis, nor more than **175,000.0** tons per year.
  - c. Hours
    - (1) **PF1.017 through PF1.019, each**, may operate a total of **10** hours per day during the months of **October through March**.
    - (2) **PF1.017 through PF1.019, each**, may operate a total of **17** hours per day during the month of **April through September**.
    - (3) **PF1.017 through PF1.019, each**, may operate a total of **4,931** hours per year.
    - (4) **PF1.017 through PF1.019, each**, may operate from **7 AM to 5 PM only**, during the months of **October through March**.
    - (5) **PF1.017 through PF1.019, each**, may operate from **4 AM to 9 PM only**, during the months of **April through September**.
3. Emission Limits (NAC 445B.305, NAC 445B.346(1), NAC 445B.22017) (*Federally Enforceable SIP Requirement*)
  - a. The Permittee, upon issuance of this operating permit, shall not discharge or cause the discharge into the atmosphere from **PF1.017** the following pollutants in excess of the following specified limits:
    - (1) The discharge of **PM** (particulate matter) to the atmosphere shall not exceed **0.30** pounds per hour, nor more than **0.13** tons per year.
    - (2) The discharge of **PM<sub>10</sub>** (particulate matter less than or equal to 10 microns in diameter) to the atmosphere shall not exceed **0.11** pounds per hour, nor more than **0.048** tons per year.
    - (3) The discharge of **PM<sub>2.5</sub>** (particulate matter less than or equal to 2.5 microns in diameter) to the atmosphere shall not exceed **0.017** pounds per hour, nor more than **0.0074** tons per year.
  - b. The Permittee, upon issuance of this operating permit, shall not discharge or cause the discharge into the atmosphere from **PF1.018 and PF1.019, each**, the following pollutants in excess of the following specified limits:
    - (1) The discharge of **PM** (particulate matter) to the atmosphere shall not exceed **0.30** pounds per hour, nor more than **0.066** tons per year.
    - (2) The discharge of **PM<sub>10</sub>** (particulate matter less than or equal to 10 microns in diameter) to the atmosphere shall not exceed **0.11** pounds per hour, nor more than **0.024** tons per year.
    - (3) The discharge of **PM<sub>2.5</sub>** (particulate matter less than or equal to 2.5 microns in diameter) to the atmosphere shall not exceed **0.017** pounds per hour, nor more than **0.0037** tons per year.
4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)  
The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate.
  - a. Monitor and record the throughput for **PF1.017 through PF1.019, each**, on a daily basis.





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**Section V. Specific Operating Conditions (continued)**

**J. Emission Units PF1.017 through PF1.019 (continued)**

4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*) (continued)  
The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate. (continued)
  - b. Monitor and record the times at which operations start and stop as well as the total daily hours of operation for **PF1.017 through PF1.019, each**.
  - c. Record the corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate shall be determined from the total daily throughput and the total daily hours of operation.
  - d. Monitor and record the total yearly throughput rate in tons per year. The annual throughput shall be determined as the sum of the monthly throughput rates for the year for all previous months of that year.
  - e. Monitor and record the total yearly hours of operation per year. The annual hours of operation shall be determined as the sum of the monthly hours of operation for all previous months of that year.
  - f. Conduct and record an observation of visible emissions (excluding water vapor) on the **water sprays** controlling **PF1.017 through PF1.019, each**, on a **monthly** basis while operating. The observer shall stand at a distance sufficient to provide a clear view of the emissions with the sun oriented to their back. If visible emissions are observed and exceed the applicable opacity standard, the Permittee shall take immediate corrective action. The Permittee shall maintain in a contemporaneous log the following recordkeeping: the calendar date and time of any required monitoring, name of the observer, results of the monthly observation of visible emissions, and any corrective actions taken.
  - g. The Permittee of any affected facility that uses wet suppression to control emissions from the affected facility must perform **monthly** periodic inspections to check that water is flowing to discharge spray nozzles in the wet suppression system. The Permittee must initiate corrective action within 24 hours and complete corrective action as expediently as practical if the Permittee finds that water is not flowing properly during an inspection of the water spray nozzles. The Permittee must record each inspection of the water spray nozzles, including the date of each inspection and any corrective actions taken.
5. Federal Requirements (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)  
New Source Performance Standards (NSPS) – 40 CFR Part 60 Subpart OOO – Standards of Performance for Nonmetallic Mineral Processing Plants (40 CFR Part 60.670)
  - a. On and after the sixtieth day after achieving the maximum production rate at which **PF1.017 through PF1.019, each**, will be operated, but not later than 180 days after initial startup, the Permittee shall not discharge or cause the discharge into the atmosphere, the following pollutants in excess of the following specified limits:
    - (1) Process fugitive emissions from **PF1.017 through PF1.019, each**, will not exceed **7 percent** opacity. (40 CFR Part 60.672(b))
    - (2) The opacity standard set forth in this part shall apply at all times except during period of startup, shutdown, and malfunction. (40 CFR 60.11(c))
  - b. The owner or operator of any affected facility for which construction, modification, or reconstruction commenced on or after April 22, 2008, that uses wet suppression to control emissions from the affected facility must perform monthly periodic inspections to check that water is flowing to discharge spray nozzles in the wet suppression system. The owner or operator must initiate corrective action within 24 hours and complete corrective action as expediently as practical if the owner or operator finds that water is not flowing properly during an inspection of the water spray nozzles. The owner or operator must record each inspection of the water spray nozzles, including the date of each inspection and any corrective actions taken, in the logbook required under 40 CFR 60.676(b). (40 CFR 60.674(b))
  - c. Notifications and reports required under this subpart and under subpart A of this part to demonstrate compliance with this subpart need only to be sent to the EPA Region or the State which has been delegated authority according to 40 CFR 60.4(b). (40 CFR 60.676(k))
  - d. At all times, including periods of startup, shutdown, and malfunction, Permittee shall, to the extent practicable, maintain and operate **PF1.017 through PF1.019, each**, including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. (40 CFR Part 60.11(d))



**Bureau of Air Pollution Control****Facility ID No. A0426****Permit No. AP1442-2351.03****CLASS II AIR QUALITY OPERATING PERMIT****Issued to:** STAKER AND PARSON COMPANIES – ELKO FACILITY (AS PERMITTEE)**Section V. Specific Operating Conditions (continued)****K. Emission Unit PF1.020**

System 11 - Triple Deck Screen #2 (Revised June 2025, Air Case 12438)		Location UTM (Zone 11, NAD 83)	
		m North	m East
PF1.020	Triple Deck Screen AG1-SC2 and Associated Transfers (In: Conveyor AG1-C16; Out: Conveyors AG1-C17A, AG1-C18, and AG1-C22)	4,522,310	606,978

1. Air Pollution Control Equipment (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)  
Emissions from **PF1.020** shall be controlled by **water sprays**.
2. Operating Parameters (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)
  - a. The maximum allowable throughput rate for **PF1.020** shall not exceed **400.0** tons of **sand and gravel** per any one-hour period averaged over a daily basis, nor more than **175,000.0** tons per year.
  - b. Hours
    - (1) **PF1.020** may operate a total of **10** hours per day during the months of **October through March**.
    - (2) **PF1.020** may operate a total of **17** hours per day during the month of **April through September**.
    - (3) **PF1.020** may operate a total of **4,931** hours per year.
    - (4) **PF1.020** may operate from **7 AM to 5 PM only**, during the months of **October through March**.
    - (5) **PF1.020** may operate from **4 AM to 9 PM only**, during the months of **April through September**.
3. Emission Limits (NAC 445B.305, NAC 445B.346(1), NAC 445B.22017) (*Federally Enforceable SIP Requirement*)  
The Permittee, upon issuance of this operating permit, shall not discharge or cause the discharge into the atmosphere from **PF1.020** the following pollutants in excess of the following specified limits:
  - a. The discharge of **PM** (particulate matter) to the atmosphere shall not exceed **2.50** pounds per hour, nor more than **0.55** tons per year.
  - b. The discharge of **PM<sub>10</sub>** (particulate matter less than or equal to 10 microns in diameter) to the atmosphere shall not exceed **0.87** pounds per hour, nor more than **0.19** tons per year.
  - c. The discharge of **PM<sub>2.5</sub>** (particulate matter less than or equal to 2.5 microns in diameter) to the atmosphere shall not exceed **0.13** pounds per hour, nor more than **0.028** tons per year.
4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)  
The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate.
  - a. Monitor and record the throughput for **PF1.020** on a daily basis.
  - b. Monitor and record the times at which operations start and stop as well as the total daily hours of operation for **PF1.020**.
  - c. Record the corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate shall be determined from the total daily throughput and the total daily hours of operation.
  - d. Monitor and record the total yearly throughput rate in tons per year. The annual throughput shall be determined as the sum of the monthly throughput rates for the year for all previous months of that year.
  - e. Monitor and record the total yearly hours of operation per year. The annual hours of operation shall be determined as the sum of the monthly hours of operation for all previous months of that year.
  - f. Conduct and record an observation of visible emissions (excluding water vapor) on the **water sprays** controlling **PF1.020** on a **monthly** basis while operating. The observer shall stand at a distance sufficient to provide a clear view of the emissions with the sun oriented to their back. If visible emissions are observed and exceed the applicable opacity standard, the Permittee shall take immediate corrective action. The Permittee shall maintain in a contemporaneous log the following recordkeeping: the calendar date and time of any required monitoring, name of the observer, results of the monthly observation of visible emissions, and any corrective actions taken.



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**CLASS II AIR QUALITY OPERATING PERMIT**

**Issued to:** STAKER AND PARSON COMPANIES – ELKO FACILITY (AS PERMITTEE)

**Section V. Specific Operating Conditions (continued)**

**K. Emission Unit PF1.020 (continued)**

4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*) (continued)  
The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate. (continued)
  - g. The Permittee of any affected facility that uses wet suppression to control emissions from the affected facility must perform **monthly** periodic inspections to check that water is flowing to discharge spray nozzles in the wet suppression system. The Permittee must initiate corrective action within 24 hours and complete corrective action as expediently as practical if the Permittee finds that water is not flowing properly during an inspection of the water spray nozzles. The Permittee must record each inspection of the water spray nozzles, including the date of each inspection and any corrective actions taken.
5. Federal Requirements (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)  
New Source Performance Standards (NSPS) – 40 CFR Part 60 Subpart OOO – Standards of Performance for Nonmetallic Mineral Processing Plants (40 CFR Part 60.670)
  - a. On and after the sixtieth day after achieving the maximum production rate at which **PF1.020** will be operated, but not later than 180 days after initial startup, the Permittee shall not discharge or cause the discharge into the atmosphere, the following pollutants in excess of the following specified limits:
    - (1) Process fugitive emissions from **PF1.020** will not exceed **7 percent** opacity. (40 CFR Part 60.672(b))
    - (2) The opacity standard set forth in this part shall apply at all times except during period of startup, shutdown, and malfunction. (40 CFR 60.11(c))
  - b. The owner or operator of any affected facility for which construction, modification, or reconstruction commenced on or after April 22, 2008, that uses wet suppression to control emissions from the affected facility must perform monthly periodic inspections to check that water is flowing to discharge spray nozzles in the wet suppression system. The owner or operator must initiate corrective action within 24 hours and complete corrective action as expediently as practical if the owner or operator finds that water is not flowing properly during an inspection of the water spray nozzles. The owner or operator must record each inspection of the water spray nozzles, including the date of each inspection and any corrective actions taken, in the logbook required under 40 CFR 60.676(b). (40 CFR 60.674(b))
  - c. Notifications and reports required under this subpart and under subpart A of this part to demonstrate compliance with this subpart need only to be sent to the EPA Region or the State which has been delegated authority according to 40 CFR 60.4(b). (40 CFR 60.676(k))
  - d. At all times, including periods of startup, shutdown, and malfunction, Permittee shall, to the extent practicable, maintain and operate **PF1.020** including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. (40 CFR Part 60.11(d))

**Bureau of Air Pollution Control****Facility ID No. A0426****Permit No. AP1442-2351.03****CLASS II AIR QUALITY OPERATING PERMIT****Issued to:** STAKER AND PARSON COMPANIES – ELKO FACILITY (AS PERMITTEE)**Section V. Specific Operating Conditions (continued)****L. Emission Units PF1.021 through PF1.023**

System 12 - Conveyor Transfers Return to VSII (Revised June 2025, Air Case 12438)		Location UTM (Zone 11, NAD 83)	
		m North	m East
PF1.021	Conveyor AG1-C18 Transfer to Conveyor AG1-C19	4,522,311	606,974
PF1.022	Conveyor AG1-C19 Transfer to Conveyor AG1-C20	4,522,316	606,978
PF1.023	Conveyor AG1-C20 Transfer to Conveyor AG1-C21	4,522,331	606,983

1. Air Pollution Control Equipment (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)  
Emissions from **PF1.021 through PF1.023, each**, shall be controlled by **water sprays**.
2. Operating Parameters (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)
  - a. The maximum allowable throughput rate for **PF1.021 through PF1.023, each**, shall not exceed **400.0 tons of sand and gravel** per any one-hour period averaged over a daily basis, nor more than **175,000.0 tons** per year.
  - b. Hours
    - (1) **PF1.021 through PF1.023, each**, may operate a total of **10 hours** per day during the months of **October through March**.
    - (2) **PF1.021 through PF1.023, each**, may operate a total of **17 hours** per day during the month of **April through September**.
    - (3) **PF1.021 through PF1.023, each**, may operate a total of **4,931 hours** per year.
    - (4) **PF1.021 through PF1.023, each**, may operate from **7 AM to 5 PM only**, during the months of **October through March**.
    - (5) **PF1.021 through PF1.023, each**, may operate from **4 AM to 9 PM only**, during the months of **April through September**.
3. Emission Limits (NAC 445B.305, NAC 445B.346(1), NAC 445B.22017) (*Federally Enforceable SIP Requirement*)  
The Permittee, upon issuance of this operating permit, shall not discharge or cause the discharge into the atmosphere from **PF1.021 through PF1.023, each**, the following pollutants in excess of the following specified limits:
  - a. The discharge of **PM** (particulate matter) to the atmosphere shall not exceed **0.30 pounds** per hour, nor more than **0.066 tons** per year.
  - b. The discharge of **PM<sub>10</sub>** (particulate matter less than or equal to 10 microns in diameter) to the atmosphere shall not exceed **0.11 pounds** per hour, nor more than **0.024 tons** per year.
  - c. The discharge of **PM<sub>2.5</sub>** (particulate matter less than or equal to 2.5 microns in diameter) to the atmosphere shall not exceed **0.017 pounds** per hour, nor more than **0.0037 tons** per year.
4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)  
The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate.
  - a. Monitor and record the throughput for **PF1.021 through PF1.023, each**, on a daily basis.
  - b. Monitor and record the times at which operations start and stop as well as the total daily hours of operation for **PF1.021 through PF1.023, each**.
  - c. Record the corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate shall be determined from the total daily throughput and the total daily hours of operation.
  - d. Monitor and record the total yearly throughput rate in tons per year. The annual throughput shall be determined as the sum of the monthly throughput rates for the year for all previous months of that year.



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**Issued to:** STAKER AND PARSON COMPANIES – ELKO FACILITY (AS PERMITTEE)

**Section V. Specific Operating Conditions (continued)**

**L. Emission Units PF1.021 through PF1.023 (continued)**

4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*) (continued)  
The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate. (continued)
  - e. Monitor and record the total yearly hours of operation per year. The annual hours of operation shall be determined as the sum of the monthly hours of operation for all previous months of that year.
  - f. Conduct and record an observation of visible emissions (excluding water vapor) on the **water sprays** controlling **PF1.021 through PF1.023, each**, on a **monthly** basis while operating. The observer shall stand at a distance sufficient to provide a clear view of the emissions with the sun oriented to their back. If visible emissions are observed and exceed the applicable opacity standard, the Permittee shall take immediate corrective action. The Permittee shall maintain in a contemporaneous log with the following recordkeeping: the calendar date and time of any required monitoring, name of the observer, results of the monthly observation of visible emissions, and any corrective actions taken.
  - g. The Permittee of any affected facility that uses wet suppression to control emissions from the affected facility must perform **monthly** periodic inspections to check that water is flowing to discharge spray nozzles in the wet suppression system. The Permittee must initiate corrective action within 24 hours and complete corrective action as expediently as practical if the Permittee finds that water is not flowing properly during an inspection of the water spray nozzles. The Permittee must record each inspection of the water spray nozzles, including the date of each inspection and any corrective actions taken.
5. Federal Requirements (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)  
New Source Performance Standards (NSPS) – 40 CFR Part 60 Subpart OOO – Standards of Performance for Nonmetallic Mineral Processing Plants (40 CFR Part 60.670)
  - a. On and after the sixtieth day after achieving the maximum production rate at which **PF1.021 through PF1.023, each**, will be operated, but not later than 180 days after initial startup, the Permittee shall not discharge or cause the discharge into the atmosphere, the following pollutants in excess of the following specified limits:
    - (1) Process fugitive emissions from **PF1.021 through PF1.023, each**, will not exceed **7 percent** opacity. (40 CFR Part 60.672(b))
    - (2) The opacity standard set forth in this part shall apply at all times except during period of startup, shutdown, and malfunction. (40 CFR 60.11(c))
  - b. The owner or operator of any affected facility for which construction, modification, or reconstruction commenced on or after April 22, 2008, that uses wet suppression to control emissions from the affected facility must perform monthly periodic inspections to check that water is flowing to discharge spray nozzles in the wet suppression system. The owner or operator must initiate corrective action within 24 hours and complete corrective action as expediently as practical if the owner or operator finds that water is not flowing properly during an inspection of the water spray nozzles. The owner or operator must record each inspection of the water spray nozzles, including the date of each inspection and any corrective actions taken, in the logbook required under 40 CFR 60.676(b). (40 CFR 60.674(b))
  - c. Notifications and reports required under this subpart and under subpart A of this part to demonstrate compliance with this subpart need only to be sent to the EPA Region or the State which has been delegated authority according to 40 CFR 60.4(b). (40 CFR 60.676(k))
  - d. At all times, including periods of startup, shutdown, and malfunction, Permittee shall, to the extent practicable, maintain and operate **PF1.021 through PF1.023, each**, including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. (40 CFR Part 60.11(d))

**Bureau of Air Pollution Control****Facility ID No. A0426****Permit No. AP1442-2351.03****CLASS II AIR QUALITY OPERATING PERMIT****Issued to:** STAKER AND PARSON COMPANIES – ELKO FACILITY (AS PERMITTEE)**Section V. Specific Operating Conditions (continued)****M. Emission Units PF1.024 and PF1.025**

System 13 - Conveyor Transfers to SP2 (Revised June 2025, Air Case 12438)		Location UTM (Zone 11, NAD 83)	
		m North	m East
PF1.024	Conveyor AG1-C22 Transfer to Conveyor AG1-C23	4,522,307	606,977
PF1.025	Conveyor AG1-C23 Transfer to Stockpile AG1-SP2	4,522,295	606,989

1. Air Pollution Control Equipment (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)  
Emissions from **PF1.024 and PF1.025, each**, shall be controlled by **water sprays**.
2. Operating Parameters (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)
  - a. The maximum allowable throughput rate for **PF1.024 and PF1.025, each**, shall not exceed **400.0** tons of **sand and gravel** per any one-hour period averaged over a daily basis, nor more than **52,500.0** tons per year.
  - b. Hours
    - (1) **PF1.024 and PF1.025, each**, may operate a total of **10** hours per day during the months of **October through March**.
    - (2) **PF1.024 and PF1.025, each**, may operate a total of **17** hours per day during the month of **April through September**.
    - (3) **PF1.024 and PF1.025, each**, may operate a total of **4,931** hours per year.
    - (4) **PF1.024 and PF1.025, each**, may operate from **7 AM to 5 PM only**, during the months of **October through March**.
    - (5) **PF1.024 and PF1.025, each**, may operate from **4 AM to 9 PM only**, during the months of **April through September**.
3. Emission Limits (NAC 445B.305, NAC 445B.346(1), NAC 445B.22017) (*Federally Enforceable SIP Requirement*)  
The Permittee, upon issuance of this operating permit, shall not discharge or cause the discharge into the atmosphere from **PF1.024 and PF1.025, each**, the following pollutants in excess of the following specified limits:
  - a. The discharge of **PM** (particulate matter) to the atmosphere shall not exceed **0.30** pounds per hour, nor more than **0.020** tons per year.
  - b. The discharge of **PM<sub>10</sub>** (particulate matter less than or equal to 10 microns in diameter) to the atmosphere shall not exceed **0.11** pounds per hour, nor more than **0.0072** tons per year.
  - c. The discharge of **PM<sub>2.5</sub>** (particulate matter less than or equal to 2.5 microns in diameter) to the atmosphere shall not exceed **0.017** pounds per hour, nor more than **0.0011** tons per year.
  - d. The opacity from **PF1.025** shall not equal or exceed **20** percent.
4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)  
The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate.
  - a. Monitor and record the throughput for **PF1.024 and PF1.025, each**, on a daily basis.
  - b. Monitor and record the times at which operations start and stop as well as the total daily hours of operation for **PF1.024 and PF1.025, each**.
  - c. Record the corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate shall be determined from the total daily throughput and the total daily hours of operation.
  - d. Monitor and record the total yearly throughput rate in tons per year. The annual throughput shall be determined as the sum of the monthly throughput rates for the year for all previous months of that year.





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**Issued to:** STAKER AND PARSON COMPANIES – ELKO FACILITY (AS PERMITTEE)

**Section V. Specific Operating Conditions (continued)**

**M. Emission Units PF1.024 and PF1.025 (continued)**

4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*) (continued)  
The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate. (continued)
  - e. Monitor and record the total yearly hours of operation per year. The annual hours of operation shall be determined as the sum of the monthly hours of operation for all previous months of that year.
  - f. Conduct and record an observation of visible emissions (excluding water vapor) on the **water sprays** controlling **PF1.024 and PF1.025, each**, on a **monthly** basis while operating. The observer shall stand at a distance sufficient to provide a clear view of the emissions with the sun oriented to their back. If visible emissions are observed and exceed the applicable opacity standard, the Permittee shall take immediate corrective action. The Permittee shall maintain in a contemporaneous log with the following recordkeeping: the calendar date and time of any required monitoring, name of the observer, results of the monthly observation of visible emissions, and any corrective actions taken.
  - g. The Permittee of any affected facility that uses wet suppression to control emissions from the affected facility must perform **monthly** periodic inspections to check that water is flowing to discharge spray nozzles in the wet suppression system. The Permittee must initiate corrective action within 24 hours and complete corrective action as expediently as practical if the Permittee finds that water is not flowing properly during an inspection of the water spray nozzles. The Permittee must record each inspection of the water spray nozzles, including the date of each inspection and any corrective actions taken.
5. Federal Requirements (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)  
New Source Performance Standards (NSPS) – 40 CFR Part 60 Subpart OOO – Standards of Performance for Nonmetallic Mineral Processing Plants (40 CFR Part 60.670)
  - a. On and after the sixtieth day after achieving the maximum production rate at which **PF1.024** will be operated, but not later than 180 days after initial startup, the Permittee shall not discharge or cause the discharge into the atmosphere, the following pollutants in excess of the following specified limits:
    - (1) Process fugitive emissions from **PF1.024** will not exceed **7 percent** opacity. (40 CFR Part 60.672(b))
    - (2) The opacity standard set forth in this part shall apply at all times except during period of startup, shutdown, and malfunction. (40 CFR 60.11(c))
  - b. The owner or operator of any affected facility for which construction, modification, or reconstruction commenced on or after April 22, 2008, that uses wet suppression to control emissions from the affected facility must perform monthly periodic inspections to check that water is flowing to discharge spray nozzles in the wet suppression system. The owner or operator must initiate corrective action within 24 hours and complete corrective action as expediently as practical if the owner or operator finds that water is not flowing properly during an inspection of the water spray nozzles. The owner or operator must record each inspection of the water spray nozzles, including the date of each inspection and any corrective actions taken, in the logbook required under 40 CFR 60.676(b). (40 CFR 60.674(b))
  - c. Notifications and reports required under this subpart and under subpart A of this part to demonstrate compliance with this subpart need only to be sent to the EPA Region or the State which has been delegated authority according to 40 CFR 60.4(b). (40 CFR 60.676(k))
  - d. At all times, including periods of startup, shutdown, and malfunction, Permittee shall, to the extent practicable, maintain and operate **PF1.024** including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. (40 CFR Part 60.11(d))

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System 14 - Triple Deck Screen #3 (Revised June 2025, Air Case 12438)		Location UTM (Zone 11, NAD 83)	
		m North	m East
PF1.026	Triple Deck Screen AG1-SC3 and Associated Transfers (In: Conveyors AG1-C17, AG1-C17A; Out: Conveyors AG1-C18, AG1-C24, and AG1-C25)	4,522,307	606,971

1. Air Pollution Control Equipment (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)  
Emissions from **PF1.026** shall be controlled by **water sprays**.
2. Operating Parameters (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)
  - a. The maximum allowable throughput rate for **PF1.026** shall not exceed **400.0** tons of **sand and gravel** per any one-hour period averaged over a daily basis, nor more than **175,000.0** tons per year.
  - b. Hours
    - (1) **PF1.026** may operate a total of **10** hours per day during the months of **October through March**.
    - (2) **PF1.026** may operate a total of **17** hours per day during the month of **April through September**.
    - (3) **PF1.026** may operate a total of **4,931** hours per year.
    - (4) **PF1.026** may operate from **7 AM to 5 PM only**, during the months of **October through March**.
    - (5) **PF1.026** may operate from **4 AM to 9 PM only**, during the months of **April through September**.
3. Emission Limits (NAC 445B.305, NAC 445B.346(1), NAC 445B.22017) (*Federally Enforceable SIP Requirement*)  
The Permittee, upon issuance of this operating permit, shall not discharge or cause the discharge into the atmosphere from **PF1.026** the following pollutants in excess of the following specified limits:
  - a. The discharge of **PM** (particulate matter) to the atmosphere shall not exceed **2.50** pounds per hour, nor more than **0.55** tons per year.
  - b. The discharge of **PM<sub>10</sub>** (particulate matter less than or equal to 10 microns in diameter) to the atmosphere shall not exceed **0.87** pounds per hour, nor more than **0.19** tons per year.
  - c. The discharge of **PM<sub>2.5</sub>** (particulate matter less than or equal to 2.5 microns in diameter) to the atmosphere shall not exceed **0.13** pounds per hour, nor more than **0.028** tons per year.
4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)  
The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate.
  - a. Monitor and record the throughput for **PF1.026** on a daily basis.
  - b. Monitor and record the times at which operations start and stop as well as the total daily hours of operation for **PF1.026**.
  - c. Record the corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate shall be determined from the total daily throughput and the total daily hours of operation.
  - d. Monitor and record the total yearly throughput rate in tons per year. The annual throughput shall be determined as the sum of the monthly throughput rates for the year for all previous months of that year.
  - e. Monitor and record the total yearly hours of operation per year. The annual hours of operation shall be determined as the sum of the monthly hours of operation for all previous months of that year.
  - f. Conduct and record an observation of visible emissions (excluding water vapor) on the **water sprays** controlling **PF1.026** on a **monthly** basis while operating. The observer shall stand at a distance sufficient to provide a clear view of the emissions with the sun oriented to their back. If visible emissions are observed and exceed the applicable opacity standard, the Permittee shall take immediate corrective action. The Permittee shall maintain in a contemporaneous log with the following recordkeeping: the calendar date and time of any required monitoring, name of the observer, results of the monthly observation of visible emissions, and any corrective actions taken.



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**Section V. Specific Operating Conditions (continued)**

**N. Emission Unit PF1.026 (continued)**

4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*) (continued)  
The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate. (continued)
  - g. The Permittee of any affected facility that uses wet suppression to control emissions from the affected facility must perform **monthly** periodic inspections to check that water is flowing to discharge spray nozzles in the wet suppression system. The Permittee must initiate corrective action within 24 hours and complete corrective action as expediently as practical if the Permittee finds that water is not flowing properly during an inspection of the water spray nozzles. The Permittee must record each inspection of the water spray nozzles, including the date of each inspection and any corrective actions taken.
5. Federal Requirements (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)  
New Source Performance Standards (NSPS) – 40 CFR Part 60 Subpart OOO – Standards of Performance for Nonmetallic Mineral Processing Plants (40 CFR Part 60.670)
  - a. On and after the sixtieth day after achieving the maximum production rate at which **PF1.026** will be operated, but not later than 180 days after initial startup, the Permittee shall not discharge or cause the discharge into the atmosphere, the following pollutants in excess of the following specified limits:
    - (1) Process fugitive emissions from **PF1.026** will not exceed **7 percent** opacity. (40 CFR Part 60.672(b))
    - (2) The opacity standard set forth in this part shall apply at all times except during period of startup, shutdown, and malfunction. (40 CFR 60.11(c))
  - b. The owner or operator of any affected facility for which construction, modification, or reconstruction commenced on or after April 22, 2008, that uses wet suppression to control emissions from the affected facility must perform monthly periodic inspections to check that water is flowing to discharge spray nozzles in the wet suppression system. The owner or operator must initiate corrective action within 24 hours and complete corrective action as expediently as practical if the owner or operator finds that water is not flowing properly during an inspection of the water spray nozzles. The owner or operator must record each inspection of the water spray nozzles, including the date of each inspection and any corrective actions taken, in the logbook required under 40 CFR 60.676(b). (40 CFR 60.674(b))
  - c. Notifications and reports required under this subpart and under subpart A of this part to demonstrate compliance with this subpart need only to be sent to the EPA Region or the State which has been delegated authority according to 40 CFR 60.4(b). (40 CFR 60.676(k))
  - d. At all times, including periods of startup, shutdown, and malfunction, Permittee shall, to the extent practicable, maintain and operate **PF1.026** including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. (40 CFR Part 60.11(d))

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System 15 - Conveyor Transfers to SP3 and SP4 (Revised June 2025, Air Case 12438)		Location UTM (Zone 11, NAD 83)	
		m North	m East
PF1.027	Conveyor AG1-C24 Transfer to Conveyor AG1-C26	4,522,307	606,975
PF1.028	Conveyor AG1-C26 Transfer to Stockpile AG1-SP3	4,522,289	606,980
PF1.029	Conveyor AG1-C25 Transfer to Conveyor AG1-C27	4,522,304	606,967
PF1.030	Conveyor AG1-C27 Transfer to Stockpile AG1-SP4	4,522,289	606,965

1. Air Pollution Control Equipment (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)  
Emissions from **PF1.027 through PF1.030, each**, shall be controlled by **water sprays**.
2. Operating Parameters (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)
  - a. The maximum allowable throughput rate for **PF1.027 and PF1.028, each**, shall not exceed **400.0** tons of **sand and gravel** per any one-hour period averaged over a daily basis, nor more than **127,925.0** tons per year.
  - b. The maximum allowable throughput rate for **PF1.029 and PF1.030, each**, shall not exceed **400.0** tons of **sand and gravel** per any one-hour period averaged over a daily basis, nor more than **169,575.0** tons per year.
  - c. Hours
    - (1) **PF1.027 through PF1.030, each**, may operate a total of **10** hours per day during the months of **October through March**.
    - (2) **PF1.027 through PF1.030, each**, may operate a total of **17** hours per day during the month of **April through September**.
    - (3) **PF1.027 through PF1.030, each**, may operate a total of **4,931** hours per year.
    - (4) **PF1.027 through PF1.030, each**, may operate from **7 AM to 5 PM only**, during the months of **October through March**.
    - (5) **PF1.027 through PF1.030, each**, may operate from **4 AM to 9 PM only**, during the months of **April through September**.
3. Emission Limits (NAC 445B.305, NAC 445B.346(1), NAC 445B.22017) (*Federally Enforceable SIP Requirement*)
  - a. The Permittee, upon issuance of this operating permit, shall not discharge or cause the discharge into the atmosphere from **PF1.027 and PF1.028, each**, the following pollutants in excess of the following specified limits:
    - (1) The discharge of **PM** (particulate matter) to the atmosphere shall not exceed **0.30** pounds per hour, nor more than **0.048** tons per year.
    - (2) The discharge of **PM<sub>10</sub>** (particulate matter less than or equal to 10 microns in diameter) to the atmosphere shall not exceed **0.11** pounds per hour, nor more than **0.018** tons per year.
    - (3) The discharge of **PM<sub>2.5</sub>** (particulate matter less than or equal to 2.5 microns in diameter) to the atmosphere shall not exceed **0.017** pounds per hour, nor more than **0.0027** tons per year.
    - (4) The opacity from **PF1.028** shall not equal or exceed **20** percent.
  - b. The Permittee, upon issuance of this operating permit, shall not discharge or cause the discharge into the atmosphere from **PF1.029 and PF1.030, each**, the following pollutants in excess of the following specified limits:
    - (1) The discharge of **PM** (particulate matter) to the atmosphere shall not exceed **0.30** pounds per hour, nor more than **0.064** tons per year.
    - (2) The discharge of **PM<sub>10</sub>** (particulate matter less than or equal to 10 microns in diameter) to the atmosphere shall not exceed **0.11** pounds per hour, nor more than **0.023** tons per year.
    - (3) The discharge of **PM<sub>2.5</sub>** (particulate matter less than or equal to 2.5 microns in diameter) to the atmosphere shall not exceed **0.017** pounds per hour, nor more than **0.0036** tons per year.
    - (4) The opacity from **PF1.030** shall not equal or exceed **20** percent.





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**CLASS II AIR QUALITY OPERATING PERMIT**

**Issued to:** STAKER AND PARSON COMPANIES – ELKO FACILITY (AS PERMITTEE)

**Section V. Specific Operating Conditions (continued)**

**O. Emission Units PF1.027 through PF1.030 (continued)**

**4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)**

The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate.

- a. Monitor and record the throughput for **PF1.027 through PF1.030, each**, on a daily basis.
- b. Monitor and record the times at which operations start and stop as well as the total daily hours of operation for **PF1.027 through PF1.030, each**.
- c. Record the corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate shall be determined from the total daily throughput and the total daily hours of operation.
- d. Monitor and record the total yearly throughput rate in tons per year. The annual throughput shall be determined as the sum of the monthly throughput rates for the year for all previous months of that year.
- e. Monitor and record the total yearly hours of operation per year. The annual hours of operation shall be determined as the sum of the monthly hours of operation for all previous months of that year.
- f. Conduct and record an observation of visible emissions (excluding water vapor) on the **water sprays** controlling **PF1.027 through PF1.030, each**, on a **monthly** basis while operating. The observer shall stand at a distance sufficient to provide a clear view of the emissions with the sun oriented to their back. If visible emissions are observed and exceed the applicable opacity standard, the Permittee shall take immediate corrective action. The Permittee shall maintain in a contemporaneous log with the following recordkeeping: the calendar date and time of any required monitoring, name of the observer, results of the monthly observation of visible emissions, and any corrective actions taken.
- g. The Permittee of any affected facility that uses wet suppression to control emissions from the affected facility must perform **monthly** periodic inspections to check that water is flowing to discharge spray nozzles in the wet suppression system. The Permittee must initiate corrective action within 24 hours and complete corrective action as expediently as practical if the Permittee finds that water is not flowing properly during an inspection of the water spray nozzles. The Permittee must record each inspection of the water spray nozzles, including the date of each inspection and any corrective actions taken.

**5. Federal Requirements (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)**

**New Source Performance Standards (NSPS) – 40 CFR Part 60 Subpart OOO – Standards of Performance for Nonmetallic Mineral Processing Plants (40 CFR Part 60.670)**

- a. On and after the sixtieth day after achieving the maximum production rate at which **PF1.027 and PF1.029, each**, will be operated, but not later than 180 days after initial startup, the Permittee shall not discharge or cause the discharge into the atmosphere, the following pollutants in excess of the following specified limits:
  - (1) Process fugitive emissions from **PF1.027 and PF1.029, each**, will not exceed **7 percent** opacity. (40 CFR Part 60.672(b))
  - (2) The opacity standard set forth in this part shall apply at all times except during period of startup, shutdown, and malfunction. (40 CFR 60.11(c))
- b. The owner or operator of any affected facility for which construction, modification, or reconstruction commenced on or after April 22, 2008, that uses wet suppression to control emissions from the affected facility must perform monthly periodic inspections to check that water is flowing to discharge spray nozzles in the wet suppression system. The owner or operator must initiate corrective action within 24 hours and complete corrective action as expediently as practical if the owner or operator finds that water is not flowing properly during an inspection of the water spray nozzles. The owner or operator must record each inspection of the water spray nozzles, including the date of each inspection and any corrective actions taken, in the logbook required under 40 CFR 60.676(b). (40 CFR 60.674(b))





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**Section V. Specific Operating Conditions (continued)**

**O. Emission Units PF1.027 through PF1.030 (continued)**

5. Federal Requirements (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*) (continued)  
New Source Performance Standards (NSPS) – 40 CFR Part 60 Subpart OOO – Standards of Performance for Nonmetallic Mineral Processing Plants (40 CFR Part 60.670) (continued)
  - c. Notifications and reports required under this subpart and under subpart A of this part to demonstrate compliance with this subpart need only to be sent to the EPA Region or the State which has been delegated authority according to 40 CFR 60.4(b). (40 CFR 60.676(k))
  - d. At all times, including periods of startup, shutdown, and malfunction, Permittee shall, to the extent practicable, maintain and operate **PF1.027 and PF1.029, each**, including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. (40 CFR Part 60.11(d))

**Bureau of Air Pollution Control****Facility ID No. A0426****Permit No. AP1442-2351.03****CLASS II AIR QUALITY OPERATING PERMIT****Issued to:** STAKER AND PARSON COMPANIES – ELKO FACILITY (AS PERMITTEE)**Section V. Specific Operating Conditions (continued)****P. Emission Units PF1.031 and PF1.032**

System 16 - Aggregate Loading (Revised June 2025, Air Case 12438)		Location UTM (Zone 11, NAD 83)	
		m North	m East
PF1.031	Loader Transfer of Aggregate to 6-Bin Feeder (AP-F1 through AP-F6)	4,522,194	606,706
PF1.032	6-Bin Feeder (AP-F1 through AP-F6) Transfer to Conveyor AP-C1	4,522,194	606,706

1. Air Pollution Control Equipment (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)  
**PF1.031 and PF1.032, each**, have no add-on controls.
2. Operating Parameters (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)
  - a. The maximum allowable throughput rate for **PF1.031 and PF1.032, each**, shall not exceed **400.0** tons of **sand and gravel** per any one-hour period averaged over a daily basis, nor more than **330,000.0** tons per year.
  - b. Hours
    - (1) **PF1.031 and PF1.032, each**, may operate a total of **10** hours per day during the months of **October through March**.
    - (2) **PF1.031 and PF1.032, each**, may operate a total of **17** hours per day during the month of **April through September**.
    - (3) **PF1.031 and PF1.032, each**, may operate a total of **4,931** hours per year.
    - (4) **PF1.031 and PF1.032, each**, may operate from **7 AM to 5 PM only**, during the months of **October through March**.
    - (5) **PF1.031 and PF1.032, each**, may operate from **4 AM to 9 PM only**, during the months of **April through September**.
3. Emission Limits (NAC 445B.305, NAC 445B.346(1), NAC 445B.22017) (*Federally Enforceable SIP Requirement*)  
The Permittee, upon issuance of this operating permit, shall not discharge or cause the discharge into the atmosphere from **PF1.031 and PF1.032, each**, the following pollutants in excess of the following specified limits:
  - a. The discharge of **PM** (particulate matter) to the atmosphere shall not exceed **1.20** pounds per hour, nor more than **0.50** tons per year.
  - b. The discharge of **PM<sub>10</sub>** (particulate matter less than or equal to 10 microns in diameter) to the atmosphere shall not exceed **0.44** pounds per hour, nor more than **0.18** tons per year.
  - c. The discharge of **PM<sub>2.5</sub>** (particulate matter less than or equal to 2.5 microns in diameter) to the atmosphere shall not exceed **0.068** pounds per hour, nor more than **0.028** tons per year.
  - d. The opacity from **PF1.031 and PF1.032, each**, shall not equal or exceed **20** percent.
4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)  
The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate.
  - a. Monitor and record the throughput for **PF1.031 and PF1.032, each**, on a daily basis.
  - b. Monitor and record the times at which operations start and stop as well as the total daily hours of operation for **PF1.031 and PF1.032, each**.
  - c. Record the corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate shall be determined from the total daily throughput and the total daily hours of operation.
  - d. Monitor and record the total yearly throughput rate in tons per year. The annual throughput shall be determined as the sum of the monthly throughput rates for the year for all previous months of that year.
  - e. Monitor and record the total yearly hours of operation per year. The annual hours of operation shall be determined as the sum of the monthly hours of operation for all previous months of that year.

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System 17 - Aggregate Scalping Screen (Revised June 2025, Air Case 12438)		Location UTM (Zone 11, NAD 83)	
		m North	m East
PF1.033	Aggregate Scalping Screen AP-SC1 and Associated Transfers (In: Conveyor AP-C1; Out: Conveyor AP-C2)	4,522,200	606,671

1. Air Pollution Control Equipment (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)  
Emissions from **PF1.033** shall be controlled by **water sprays**.
2. Operating Parameters (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)
  - a. The maximum allowable throughput rate for **PF1.033** shall not exceed **400.0** tons of **sand and gravel** per any one-hour period averaged over a daily basis, nor more than **330,000.0** tons per year.
  - b. Hours
    - (1) **PF1.033** may operate a total of **10** hours per day during the months of **October through March**.
    - (2) **PF1.033** may operate a total of **17** hours per day during the month of **April through September**.
    - (3) **PF1.033** may operate a total of **4,931** hours per year.
    - (4) **PF1.033** may operate from **7 AM to 5 PM only**, during the months of **October through March**.
    - (5) **PF1.033** may operate from **4 AM to 9 PM only**, during the months of **April through September**.
3. Emission Limits (NAC 445B.305, NAC 445B.346(1), NAC 445B.22017) (*Federally Enforceable SIP Requirement*)  
The Permittee, upon issuance of this operating permit, shall not discharge or cause the discharge into the atmosphere from **PF1.033** the following pollutants in excess of the following specified limits:
  - a. The discharge of **PM** (particulate matter) to the atmosphere shall not exceed **2.50** pounds per hour, nor more than **1.03** tons per year.
  - b. The discharge of **PM<sub>10</sub>** (particulate matter less than or equal to 10 microns in diameter) to the atmosphere shall not exceed **0.87** pounds per hour, nor more than **0.36** tons per year.
  - c. The discharge of **PM<sub>2.5</sub>** (particulate matter less than or equal to 2.5 microns in diameter) to the atmosphere shall not exceed **0.13** pounds per hour, nor more than **0.054** tons per year.
  - d. The opacity from **PF1.033** shall not equal or exceed **20** percent.
4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)  
The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate.
  - a. Monitor and record the throughput for **PF1.033** on a daily basis.
  - b. Monitor and record the times at which operations start and stop as well as the total daily hours of operation for **PF1.033**.
  - c. Record the corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate shall be determined from the total daily throughput and the total daily hours of operation.
  - d. Monitor and record the total yearly throughput rate in tons per year. The annual throughput shall be determined as the sum of the monthly throughput rates for the year for all previous months of that year.
  - e. Monitor and record the total yearly hours of operation per year. The annual hours of operation shall be determined as the sum of the monthly hours of operation for all previous months of that year.



**Issued to:** STAKER AND PARSON COMPANIES – ELKO FACILITY (AS PERMITTEE)

**Section V. Specific Operating Conditions (continued)**

**Q. Emission Unit PF1.033 (continued)**

4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*) (continued)  
The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate. (continued)
  - f. Conduct and record an observation of visible emissions (excluding water vapor) on the **water sprays** controlling **PF1.033** on a **monthly** basis while operating. The observer shall stand at a distance sufficient to provide a clear view of the emissions with the sun oriented to their back. If visible emissions are observed and exceed the applicable opacity standard, the Permittee shall take immediate corrective action. The Permittee shall maintain in a contemporaneous log with the following recordkeeping: the calendar date and time of any required monitoring, name of the observer, results of the monthly observation of visible emissions, and any corrective actions taken.
  - g. The Permittee of any affected facility that uses wet suppression to control emissions from the affected facility must perform **monthly** periodic inspections to check that water is flowing to discharge spray nozzles in the wet suppression system. The Permittee must initiate corrective action within 24 hours and complete corrective action as expeditiously as practical if the Permittee finds that water is not flowing properly during an inspection of the water spray nozzles. The Permittee must record each inspection of the water spray nozzles, including the date of each inspection and any corrective actions taken.

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System 18 - Recycled Asphalt (RAP) Feeder System (Revised June 2025, Air Case 12438)		Location UTM (Zone 11, NAD 83)	
		m North	m East
PF1.034	Loader Transfer of RAP to RAP 2-Bin Feeder (AP-RF1 and AP-RF2)	4,522,242	606,660
PF1.035	RAP 2-Bin Feeder (AP-RF1 and AP-RF2) Transfer to Conveyor AP-C3	4,522,242	606,660

1. Air Pollution Control Equipment (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)  
**PF1.034 and PF1.035, each**, have no add-on controls.
2. Operating Parameters (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)
  - a. The maximum allowable throughput rate for **PF1.034 and PF1.035, each**, shall not exceed **100.0** tons of **Recycled Asphalt (RAP)** per any one-hour period averaged over a daily basis, nor more than **150,000.0** tons per year.
  - b. Hours
    - (1) **PF1.034 and PF1.035, each**, may operate a total of **10** hours per day during the months of **October through March**.
    - (2) **PF1.034 and PF1.035, each**, may operate a total of **17** hours per day during the month of **April through September**.
    - (3) **PF1.034 and PF1.035, each**, may operate a total of **4,931** hours per year.
    - (4) **PF1.034 and PF1.035, each**, may operate from **7 AM to 5 PM only**, during the months of **October through March**.
    - (5) **PF1.034 and PF1.035, each**, may operate from **4 AM to 9 PM only**, during the months of **April through September**.
3. Emission Limits (NAC 445B.305, NAC 445B.346(1), NAC 445B.22017) (*Federally Enforceable SIP Requirement*)  
The Permittee, upon issuance of this operating permit, shall not discharge or cause the discharge into the atmosphere from **PF1.034 and PF1.035, each**, the following pollutants in excess of the following specified limits:
  - a. The discharge of **PM** (particulate matter) to the atmosphere shall not exceed **0.30** pounds per hour, nor more than **0.23** tons per year.
  - b. The discharge of **PM<sub>10</sub>** (particulate matter less than or equal to 10 microns in diameter) to the atmosphere shall not exceed **0.11** pounds per hour, nor more than **0.083** tons per year.
  - c. The discharge of **PM<sub>2.5</sub>** (particulate matter less than or equal to 2.5 microns in diameter) to the atmosphere shall not exceed **0.017** pounds per hour, nor more than **0.013** tons per year.
  - d. The opacity from **PF1.034 and PF1.035, each**, shall not equal or exceed **20** percent.
4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)  
The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate.
  - a. Monitor and record the throughput for **PF1.034 and PF1.035, each**, on a daily basis.
  - b. Monitor and record the times at which operations start and stop as well as the total daily hours of operation for **PF1.034 and PF1.035, each**.
  - c. Record the corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate shall be determined from the total daily throughput and the total daily hours of operation.
  - d. Monitor and record the total yearly throughput rate in tons per year. The annual throughput shall be determined as the sum of the monthly throughput rates for the year for all previous months of that year.
  - e. Monitor and record the total yearly hours of operation per year. The annual hours of operation shall be determined as the sum of the monthly hours of operation for all previous months of that year.



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System 19 - Recycled Asphalt (RAP) Scalping Screen (Revised June 2025, Air Case 12438)		Location UTM (Zone 11, NAD 83)	
		m North	m East
PF1.036	RAP Scalping Screen AP-SC2 and Associated Transfers (In: Conveyor AP-C3; Out: Conveyor AP-C4)	4,522,231	606,651

1. Air Pollution Control Equipment (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)  
Emissions from **PF1.036** shall be controlled by **water sprays**.
2. Operating Parameters (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)
  - a. The maximum allowable throughput rate for **PF1.036** shall not exceed **100.0** tons of **recycled asphalt (RAP)** per any one-hour period averaged over a daily basis, nor more than **150,000.0** tons per year.
  - b. Hours
    - (1) **PF1.036** may operate a total of **10** hours per day during the months of **October through March**.
    - (2) **PF1.036** may operate a total of **17** hours per day during the month of **April through September**.
    - (3) **PF1.036** may operate a total of **4,931** hours per year.
    - (4) **PF1.036** may operate from **7 AM to 5 PM only**, during the months of **October through March**.
    - (5) **PF1.036** may operate from **4 AM to 9 PM only**, during the months of **April through September**.
3. Emission Limits (NAC 445B.305, NAC 445B.346(1), NAC 445B.22017) (*Federally Enforceable SIP Requirement*)  
The Permittee, upon issuance of this operating permit, shall not discharge or cause the discharge into the atmosphere from **PF1.036** the following pollutants in excess of the following specified limits:
  - a. The discharge of **PM** (particulate matter) to the atmosphere shall not exceed **0.63** pounds per hour, nor more than **0.47** tons per year.
  - b. The discharge of **PM<sub>10</sub>** (particulate matter less than or equal to 10 microns in diameter) to the atmosphere shall not exceed **0.22** pounds per hour, nor more than **0.16** tons per year.
  - c. The discharge of **PM<sub>2.5</sub>** (particulate matter less than or equal to 2.5 microns in diameter) to the atmosphere shall not exceed **0.033** pounds per hour, nor more than **0.024** tons per year.
  - d. The opacity from **PF1.036** shall not equal or exceed **20** percent.
4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)  
The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate.
  - a. Monitor and record the throughput for **PF1.036** on a daily basis.
  - b. Monitor and record the times at which operations start and stop as well as the total daily hours of operation for **PF1.036**.
  - c. Record the corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate shall be determined from the total daily throughput and the total daily hours of operation.
  - d. Monitor and record the total yearly throughput rate in tons per year. The annual throughput shall be determined as the sum of the monthly throughput rates for the year for all previous months of that year.
  - e. Monitor and record the total yearly hours of operation per year. The annual hours of operation shall be determined as the sum of the monthly hours of operation for all previous months of that year.



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**CLASS II AIR QUALITY OPERATING PERMIT**

**Issued to:** STAKER AND PARSON COMPANIES – ELKO FACILITY (AS PERMITTEE)

**Section V. Specific Operating Conditions (continued)**

**S. Emission Unit PF1.036 (continued)**

4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*) (continued)  
The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate. (continued)
  - f. Conduct and record an observation of visible emissions (excluding water vapor) on the **water sprays** controlling **PF1.036** on a **monthly** basis while operating. The observer shall stand at a distance sufficient to provide a clear view of the emissions with the sun oriented to their back. If visible emissions are observed and exceed the applicable opacity standard, the Permittee shall take immediate corrective action. The Permittee shall maintain in a contemporaneous log with the following recordkeeping: the calendar date and time of any required monitoring, name of the observer, results of the monthly observation of visible emissions, and any corrective actions taken.
  - g. The Permittee of any affected facility that uses wet suppression to control emissions from the affected facility must perform **monthly** periodic inspections to check that water is flowing to discharge spray nozzles in the wet suppression system. The Permittee must initiate corrective action within 24 hours and complete corrective action as expeditiously as practical if the Permittee finds that water is not flowing properly during an inspection of the water spray nozzles. The Permittee must record each inspection of the water spray nozzles, including the date of each inspection and any corrective actions taken.

**Bureau of Air Pollution Control****Facility ID No. A0426****Permit No. AP1442-2351.03****CLASS II AIR QUALITY OPERATING PERMIT****Issued to:** STAKER AND PARSON COMPANIES – ELKO FACILITY (AS PERMITTEE)**Section V. Specific Operating Conditions (continued)****T. Emission Units S2.001 and PF1.037**

System 20 - Lime Silo #1 (Revised June 2025, Air Case 12438)		Location UTM (Zone 11, NAD 83)	
		m North	m East
S2.001	Lime Silo AP-S1 Pneumatic Loading	4,522,206	606,678
PF1.037	Lime Silo AP-S1 Unloading to Pugmill AP-PM1 by Enclosed Auger	4,522,209	606,671

1. Air Pollution Control Equipment (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)
  - a. Emissions from **S2.001** shall be controlled by a **bin vent**.
  - b. **PF1.037** has no add-on controls.
  - c. Descriptive Stack Parameters for S2.001  
Stack Height: 60 feet  
Stack Temperature: Ambient
2. Operating Parameters (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)
  - a. The maximum allowable throughput rate for **S2.001** shall not exceed **30.0** tons of **lime** per any one-hour period averaged over a daily basis, nor more than **30,000.0** tons per year.
  - b. The maximum allowable throughput rate for **PF1.037** shall not exceed **20.0** tons of **lime** per any one-hour period averaged over a daily basis, nor more than **30,000.0** tons per year.
  - c. Hours
    - (1) **S2.001 and PF1.037, each**, may operate a total of **10** hours per day during the months of **October through March**.
    - (2) **S2.001 and PF1.037, each**, may operate a total of **17** hours per day during the months of **April through September**.
    - (3) **S2.001** may operate a total of **1,200** hours per year.
    - (4) **PF1.037** may operate a total of **1,800** hours per year.
    - (5) **S2.001 and PF1.037, each**, may operate from **7 AM to 5 PM only**, during the months of **October through March**.
    - (5) **S2.001 and PF1.037, each**, may operate from **4 AM to 9 PM only**, during the months of **April through September**.
3. Emission Limits (NAC 445B.305, NAC 445B.346(1), NAC 445B. 22017) (*Federally Enforceable SIP Requirement*)
  - a. The Permittee, upon issuance of this operating permit, shall not discharge or cause the discharge into the atmosphere from **S2.001** the following pollutants in excess of the following specified limits:
    - (1) The discharge of **PM** (particulate matter) to the atmosphere shall not exceed **0.030** pounds per hour, nor more than **0.015** tons per year.
    - (2) The discharge of **PM<sub>10</sub>** (particulate matter less than or equal to 10 microns in diameter) to the atmosphere shall not exceed **0.010** pounds per hour, nor more than **0.0051** tons per year.
    - (3) The discharge of **PM<sub>2.5</sub>** (particulate matter less than or equal to 2.5 microns in diameter) to the atmosphere shall not exceed **0.0015** pounds per hour, nor more than **0.00075** tons per year.
    - (4) The opacity from **S2.001** shall not equal or exceed **20** percent.
  - b. The Permittee, upon issuance of this operating permit, shall not discharge or cause the discharge into the atmosphere from **PF1.037** the following pollutants in excess of the following specified limits:
    - (1) The discharge of **PM** (particulate matter) to the atmosphere shall not exceed **0.10** pounds per hour, nor more than **0.072** tons per year.
    - (2) The discharge of **PM<sub>10</sub>** (particulate matter less than or equal to 10 microns in diameter) to the atmosphere shall not exceed **0.056** pounds per hour, nor more than **0.042** tons per year.
    - (3) The discharge of **PM<sub>2.5</sub>** (particulate matter less than or equal to 2.5 microns in diameter) to the atmosphere shall not exceed **0.0080** pounds per hour, nor more than **0.0060** tons per year.
    - (4) The opacity from **PF1.037** shall not equal or exceed **20** percent.



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**Issued to:** STAKER AND PARSON COMPANIES – ELKO FACILITY (AS PERMITTEE)

**Section V. Specific Operating Conditions (continued)**

**T. Emission Units S2.001 and PF1.037 (continued)**

4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)

The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate.

- a. Monitor and record the throughput for **S2.001 and PF1.037, each**, on a daily basis.
- b. Monitor and record the times at which operations start and stop as well as the total daily hours of operation for **S2.001 and PF1.037, each**.
- c. Record the corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate shall be determined from the total daily throughput and the total daily hours of operation.
- d. Monitor and record the total yearly throughput rate in tons per year. The annual throughput shall be determined as the sum of the monthly throughput rates for the year for all previous months of that year.
- e. Monitor and record the total yearly hours of operation per year. The annual hours of operation shall be determined as the sum of the monthly hours of operation for all previous months of that year.
- f. Conduct and record an observation of visible emissions (excluding water vapor) on the **bin vent** controlling **S2.001** on a monthly basis while operating. The observer shall stand at a distance sufficient to provide a clear view of the emissions with the sun oriented to their back. If visible emissions are observed and exceed the applicable opacity standard, the Permittee shall take immediate corrective action. The Permittee shall maintain in a contemporaneous log the following recordkeeping: the calendar date and time of any required monitoring, name of the observer, results of the monthly observation of visible emissions, and any corrective actions taken.
- g. Inspect the bin vent installed on **S2.001** in accordance with the manufacturer's operation and maintenance manual and record the results (e.g. the condition of the filter fabric), and any corrective actions taken.



**Issued to:** STAKER AND PARSON COMPANIES – ELKO FACILITY (AS PERMITTEE)

**Section V. Specific Operating Conditions (continued)**

**U. RESERVED**



**Bureau of Air Pollution Control****Facility ID No. A0426****Permit No. AP1442-2351.03****CLASS II AIR QUALITY OPERATING PERMIT****Issued to:** STAKER AND PARSON COMPANIES – ELKO FACILITY (AS PERMITTEE)**Section V. Specific Operating Conditions (continued)****V. Emission Units PF1.039 and PF1.040**

System 22 - Lime Marination: Material Loadout (Revised June 2025, Air Case 12438)		Location UTM (Zone 11, NAD 83)	
		m North	m East
PF1.039	Loader Transfer to 6-Bin Feeder (AP-F1 through AP-F6)	4,522,194	606,706
PF1.040	6-Bin Feeder (AP-F1 through AP-F6) Transfer to Conveyor AP-C1	4,522,194	606,706

1. Air Pollution Control Equipment (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)  
**PF1.039 and PF1.040, each**, have no add-on controls.
2. Operating Parameters (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)
  - a. The maximum allowable throughput rate for **PF1.039 and PF1.040, each**, shall not exceed **300.0** tons of **sand, gravel, and lime** per any one-hour period averaged over a daily basis, nor more than **300,000.0** tons per year.
  - b. Hours
    - (1) **PF1.039 and PF1.040, each**, may operate a total of **10** hours per day during the months of **October through March**.
    - (2) **PF1.039 and PF1.040, each**, may operate a total of **17** hours per day during the month of **April through September**.
    - (3) **PF1.039 and PF1.040, each**, may operate a total of **4,931** hours per year.
    - (4) **PF1.039 and PF1.040, each**, may operate from **7 AM to 5 PM only**, during the months of **October through March**.
    - (5) **PF1.039 and PF1.040, each**, may operate from **4 AM to 9 PM only**, during the months of **April through September**.
3. Emission Limits (NAC 445B.305, NAC 445B.346(1), NAC 445B.22017) (*Federally Enforceable SIP Requirement*)  
The Permittee, upon issuance of this operating permit, shall not discharge or cause the discharge into the atmosphere from **PF1.039 and PF1.040, each**, the following pollutants in excess of the following specified limits:
  - a. The discharge of **PM** (particulate matter) to the atmosphere shall not exceed **0.90** pounds per hour, nor more than **0.45** tons per year.
  - b. The discharge of **PM<sub>10</sub>** (particulate matter less than or equal to 10 microns in diameter) to the atmosphere shall not exceed **0.33** pounds per hour, nor more than **0.17** tons per year.
  - c. The discharge of **PM<sub>2.5</sub>** (particulate matter less than or equal to 2.5 microns in diameter) to the atmosphere shall not exceed **0.051** pounds per hour, nor more than **0.026** tons per year.
  - d. The opacity from **PF1.039 and PF1.040, each**, shall not equal or exceed **20** percent.
4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)  
The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate.
  - a. Monitor and record the throughput for **PF1.039 and PF1.040, each**, on a daily basis.
  - b. Monitor and record the times at which operations start and stop as well as the total daily hours of operation for **PF1.039 and PF1.040, each**.
  - c. Record the corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate shall be determined from the total daily throughput and the total daily hours of operation.
  - d. Monitor and record the total yearly throughput rate in tons per year. The annual throughput shall be determined as the sum of the monthly throughput rates for the year for all previous months of that year.
  - e. Monitor and record the total yearly hours of operation per year. The annual hours of operation shall be determined as the sum of the monthly hours of operation for all previous months of that year.

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System 23 - Lime Marination: Scalping Screen (Revised June 2025, Air Case 12438)		Location UTM (Zone 11, NAD 83)	
		m North	m East
PF1.041	Scalping Screen AP-SC1 and Associated Transfers (In: Conveyor AP-C1; Out: Conveyor AP-C2)	4,522,200	606,670

1. Air Pollution Control Equipment (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)  
Emissions from **PF1.041** shall be controlled by **water sprays**.
2. Operating Parameters (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)
  - a. The maximum allowable throughput rate for **PF1.041** shall not exceed **300.0** tons of **sand, gravel, and lime** per any one-hour period averaged over a daily basis, nor more than **300,000.0** tons per year.
  - b. Hours
    - (1) **PF1.041** may operate a total of **10** hours per day during the months of **October through March**.
    - (2) **PF1.041** may operate a total of **17** hours per day during the month of **April through September**.
    - (3) **PF1.041** may operate a total of **4,931** hours per year.
    - (4) **PF1.041** may operate from **7 AM to 5 PM only**, during the months of **October through March**.
    - (5) **PF1.041** may operate from **4 AM to 9 PM only**, during the months of **April through September**.
3. Emission Limits (NAC 445B.305, NAC 445B.346(1), NAC 445B.22017) (*Federally Enforceable SIP Requirement*)  
The Permittee, upon issuance of this operating permit, shall not discharge or cause the discharge into the atmosphere from **PF1.041** the following pollutants in excess of the following specified limits:
  - a. The discharge of **PM** (particulate matter) to the atmosphere shall not exceed **1.88** pounds per hour, nor more than **0.94** tons per year.
  - b. The discharge of **PM<sub>10</sub>** (particulate matter less than or equal to 10 microns in diameter) to the atmosphere shall not exceed **0.65** pounds per hour, nor more than **0.33** tons per year.
  - c. The discharge of **PM<sub>2.5</sub>** (particulate matter less than or equal to 2.5 microns in diameter) to the atmosphere shall not exceed **0.10** pounds per hour, nor more than **0.049** tons per year.
  - d. The opacity from **PF1.041** shall not equal or exceed **20** percent.
4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)  
The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate.
  - a. Monitor and record the throughput for **PF1.041** on a daily basis.
  - b. Monitor and record the times at which operations start and stop as well as the total daily hours of operation for **PF1.041**.
  - c. Record the corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate shall be determined from the total daily throughput and the total daily hours of operation.
  - d. Monitor and record the total yearly throughput rate in tons per year. The annual throughput shall be determined as the sum of the monthly throughput rates for the year for all previous months of that year.
  - e. Monitor and record the total yearly hours of operation per year. The annual hours of operation shall be determined as the sum of the monthly hours of operation for all previous months of that year.



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**Section V. Specific Operating Conditions (continued)**

**W. Emission Unit PF1.041 (continued)**

4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*) (continued)  
The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate. (continued)
  - f. Conduct and record an observation of visible emissions (excluding water vapor) on the **water sprays** controlling **PF1.041** on a **monthly** basis while operating. The observer shall stand at a distance sufficient to provide a clear view of the emissions with the sun oriented to their back. If visible emissions are observed and exceed the applicable opacity standard, the Permittee shall take immediate corrective action. The Permittee shall maintain in a contemporaneous log with the following recordkeeping: the calendar date and time of any required monitoring, name of the observer, results of the monthly observation of visible emissions, and any corrective actions taken.
  - g. The Permittee of any affected facility that uses wet suppression to control emissions from the affected facility must perform monthly periodic inspections to check that water is flowing to discharge spray nozzles in the wet suppression system. The Permittee must initiate corrective action within 24 hours and complete corrective action as expeditiously as practical if the Permittee finds that water is not flowing properly during an inspection of the water spray nozzles. The Permittee must record each inspection of the water spray nozzles, including the date of each inspection and any corrective actions taken.

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System 24 - Lime Marination: Material Transfers (Revised June 2025, Air Case 12438)		Location UTM (Zone 11, NAD 83)	
		m North	m East
PF1.042	Conveyor AP-C2 Transfer to Conveyor AP-C5	4,522,201	606,663
PF1.043	Conveyor AP-C5 Transfer to Pug Mill AP-PM1	4,522,204	606,647
PF1.044	Pug Mill AP-PM1 Transfer to Conveyor AP-C6	4,522,207	606,648
PF1.045	Conveyor AP-C6 Transfer to Conveyor AP-C7	4,522,207	606,668
PF1.046	Conveyor AP-C7 Transfer to Stockpile AP-SP1	4,522,225	606,680

1. Air Pollution Control Equipment (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)  
Emissions from **PF1.042 through PF1.046, each**, shall be controlled by **water sprays**.
2. Operating Parameters (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)
  - a. The maximum allowable throughput rate for **PF1.042 and PF1.043, each**, shall not exceed **300.0** tons of **sand, gravel, and lime** per any one-hour period averaged over a daily basis, nor more than **300,000.0** tons per year.
  - b. The maximum allowable throughput rate for **PF1.044 through PF1.046, each**, shall not exceed **300.0** tons of **sand, gravel, and lime** per any one-hour period averaged over a daily basis, nor more than **330,000.0** tons per year.
  - c. Hours
    - (1) **PF1.042 through PF1.046, each**, may operate a total of **10** hours per day during the months of **October through March**.
    - (2) **PF1.042 through PF1.046, each**, may operate a total of **17** hours per day during the month of **April through September**.
    - (3) **PF1.042 through PF1.046, each**, may operate a total of **4,931** hours per year.
    - (4) **PF1.042 through PF1.046, each**, may operate from **7 AM to 5 PM only**, during the months of **October through March**.
    - (5) **PF1.042 through PF1.046, each**, may operate from **4 AM to 9 PM only**, during the months of **April through September**.
3. Emission Limits (NAC 445B.305, NAC 445B.346(1), NAC 445B.22017) (*Federally Enforceable SIP Requirement*)
  - a. The Permittee, upon issuance of this operating permit, shall not discharge or cause the discharge into the atmosphere from **PF1.042 and PF1.043, each**, the following pollutants in excess of the following specified limits:
    - (1) The discharge of **PM** (particulate matter) to the atmosphere shall not exceed **0.23** pounds per hour, nor more than **0.11** tons per year.
    - (2) The discharge of **PM<sub>10</sub>** (particulate matter less than or equal to 10 microns in diameter) to the atmosphere shall not exceed **0.083** pounds per hour, nor more than **0.041** tons per year.
    - (3) The discharge of **PM<sub>2.5</sub>** (particulate matter less than or equal to 2.5 microns in diameter) to the atmosphere shall not exceed **0.013** pounds per hour, nor more than **0.0064** tons per year.
    - (4) The opacity from **PF1.042 and PF1.043, each**, shall not equal or exceed **20** percent.
  - b. The Permittee, upon issuance of this operating permit, shall not discharge or cause the discharge into the atmosphere from **PF1.044 through PF1.046, each**, the following pollutants in excess of the following specified limits:
    - (1) The discharge of **PM** (particulate matter) to the atmosphere shall not exceed **0.23** pounds per hour, nor more than **0.12** tons per year.
    - (2) The discharge of **PM<sub>10</sub>** (particulate matter less than or equal to 10 microns in diameter) to the atmosphere shall not exceed **0.083** pounds per hour, nor more than **0.045** tons per year.
    - (3) The discharge of **PM<sub>2.5</sub>** (particulate matter less than or equal to 2.5 microns in diameter) to the atmosphere shall not exceed **0.013** pounds per hour, nor more than **0.0070** tons per year.
    - (4) The opacity from **PF1.044 through PF1.046, each**, shall not equal or exceed **20** percent.



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**Section V. Specific Operating Conditions (continued)**

**X. Emission Units PF1.042 through PF1.046 (continued)**

4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)

The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate.

- a. Monitor and record the throughput for **PF1.042 through PF1.046, each**, on a daily basis.
- b. Monitor and record the times at which operations start and stop as well as the total daily hours of operation for **PF1.042 through PF1.046, each**.
- c. Record the corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate shall be determined from the total daily throughput and the total daily hours of operation.
- d. Monitor and record the total yearly throughput rate in tons per year. The annual throughput shall be determined as the sum of the monthly throughput rates for the year for all previous months of that year.
- e. Monitor and record the total yearly hours of operation per year. The annual hours of operation shall be determined as the sum of the monthly hours of operation for all previous months of that year.
- f. Conduct and record an observation of visible emissions (excluding water vapor) on the **water sprays** controlling **PF1.042 through PF1.046, each**, on a **monthly** basis while operating. The observer shall stand at a distance sufficient to provide a clear view of the emissions with the sun oriented to their back. If visible emissions are observed and exceed the applicable opacity standard, the Permittee shall take immediate corrective action. The Permittee shall maintain in a contemporaneous log with the following recordkeeping: the calendar date and time of any required monitoring, name of the observer, results of the monthly observation of visible emissions, and any corrective actions taken.
- g. The Permittee of any affected facility that uses wet suppression to control emissions from the affected facility must perform monthly periodic inspections to check that water is flowing to discharge spray nozzles in the wet suppression system. The Permittee must initiate corrective action within 24 hours and complete corrective action as expediently as practical if the Permittee finds that water is not flowing properly during an inspection of the water spray nozzles. The Permittee must record each inspection of the water spray nozzles, including the date of each inspection and any corrective actions taken.



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System 25 - Drum Mix Asphalt Plant: Drum Dryer (Revised June 2025, Air Case 12438)		Location UTM (Zone 11, NAD 83)	
		m North	m East
S2.002	Drum Dryer/Mixer AP-D1 and Associated Transfers (In: Conveyors AP-C2 and AP-C4)	4,522,230	606,655

1. Air Pollution Control Equipment (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)
  - a. Emissions from **S2.002** shall be controlled by a **baghouse**.
  - b. Descriptive Stack Parameters  
Stack Height: 15.7 feet  
Stack Diameter: 4.16 feet  
Stack Temperature: 181.4 °F  
Exhaust Flow: 43,483 dry standard cubic feet per minute (dscfm)
2. Operating Parameters (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)
  - a. The maximum allowable throughput rate for **S2.002** shall not exceed **400.0** tons of **sand, gravel, and RAP** per any one-hour period averaged over a daily basis, nor more than **500,000.0** tons per year.
  - b. The maximum allowable consumption rate for **S2.002** shall not exceed **112,621.4** scf (standard cubic feet) of **natural gas** per any one-hour period averaged over a daily basis, nor more than **112,621,359.2** scf per year.
  - c. Hours
    - (1) **S2.002** may operate a total of **10** hours per day during the months of **October through March**.
    - (2) **S2.002** may operate a total of **17** hours per day during the month of **April through September**.
    - (3) **S2.002** may operate a total of **4,931** hours per year.
    - (4) **S2.002** may operate from **7 AM to 5 PM only**, during the months of **October through March**.
    - (5) **S2.002** may operate from **4 AM to 9 PM only**, during the months of **April through September**.
3. Emission Limits (NAC 445B.305, NAC 445B.346(1), NAC 445B. 22017) (*Federally Enforceable SIP Requirement*)

The Permittee, upon issuance of this operating permit, shall not discharge or cause the discharge into the atmosphere from **S2.002** the following pollutants in excess of the following specified limits:

  - a. The discharge of **PM** (particulate matter) to the atmosphere shall not exceed **5.60** pounds per hour, nor more than **3.50** tons per year.
  - b. The discharge of **PM<sub>10</sub>** (particulate matter less than or equal to 10 microns in diameter) to the atmosphere shall not exceed **1.68** pounds per hour, nor more than **1.05** tons per year.
  - c. The discharge of **PM<sub>2.5</sub>** (particulate matter less than or equal to 2.5 microns in diameter) to the atmosphere shall not exceed **1.16** pounds per hour, nor more than **0.73** tons per year.
  - d. The discharge of **NO<sub>x</sub>** (oxides of nitrogen) to the atmosphere shall not exceed **6.15** pounds per hour, nor more than **3.84** tons per year.
  - e. The discharge of **SO<sub>2</sub>** (sulfur dioxide) to the atmosphere shall not exceed **0.64** pounds per hour, nor more than **0.40** tons per year.
  - f. The discharge of **CO** (carbon monoxide) to the atmosphere shall not exceed **22.7** pounds per hour, nor more than **14.2** tons per year.
  - g. The discharge of **VOC** (volatile organic compound) to the atmosphere shall not exceed **3.84** pounds per hour, nor more than **2.40** tons per year.
  - h. The opacity from **S2.002** shall not equal or exceed **20** percent.



**Bureau of Air Pollution Control**

**Facility ID No. A0426**

**Permit No. AP1442-2351.03**

**CLASS II AIR QUALITY OPERATING PERMIT**

**Issued to:** STAKER AND PARSON COMPANIES – ELKO FACILITY (AS PERMITTEE)

**Section V. Specific Operating Conditions (continued)**

**Y. Emission Unit S2.002 (continued)**

**4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)**

The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate.

- a. Monitor and record the throughput for **S2.002** on a daily basis.
- b. Monitor and record the consumption of **natural gas** for **S2.002** on a daily basis.
- c. Monitor and record the times at which operations start and stop as well as the total daily hours of operation for **S2.002**.
- d. Record the corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate shall be determined from the total daily throughput and the total daily hours of operation.
- e. Monitor and record the total yearly throughput rate in tons per year. The annual throughput shall be determined as the sum of the monthly throughput rates for the year for all previous months of that year.
- f. Record the corresponding average hourly consumption rate of **natural gas** in scf per hour. The average hourly consumption rate of **natural gas** shall be determined from the total daily consumption rate of **natural gas** and the total daily hours of operation.
- g. Monitor and record the total yearly consumption rate of **natural gas** in scf per year. The annual consumption rate of **natural gas** shall be determined as the sum of the monthly consumption rate of **natural gas** for the year for all previous months of that year.
- h. Monitor and record the total yearly hours of operation per year. The annual hours of operation shall be determined as the sum of the monthly hours of operation for all previous months of that year.
- i. Conduct and record an observation of visible emissions (excluding water vapor) on the baghouse controlling **S2.002** on a **monthly** basis while operating. The observer shall stand at a distance sufficient to provide a clear view of the emissions with the sun oriented to their back. If visible emissions are observed and exceed the applicable opacity standard, the Permittee shall take immediate corrective action. The Permittee shall maintain in a contemporaneous log the following recordkeeping: the calendar date and time of any required monitoring, name of the observer, results of the monthly observation of visible emissions, and any corrective actions taken.
- j. Inspect the baghouse installed on **S2.002** in accordance with the manufacturer's operation and maintenance manual and record the results (e.g. the condition of the filter fabric) and any corrective actions taken.
- k. The Permittee, upon issuance of this operating permit, shall maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative. (40 CFR 60.7(b))

**5. Performance and Compliance Testing (NAC 445B.346(2), NAC 445B.252(1)) (*Federally Enforceable SIP Requirement*)**

The Permittee, upon issuance of this operating permit, shall conduct renewal performance testing at least 90 days prior to the expiration of this operating permit, but no earlier than 365 days from the date of expiration of this operating permit, and every 5 years thereafter, in accordance with the following:

- a. All opacity compliance demonstrations and/or performance tests must comply with the advance notification, protocol review, operational conditions, reporting, and other requirements of Section I.H. Testing and Sampling (NAC 445B.252) of this operating permit. Material sampling must be conducted in accordance with protocols approved by the Director. All performance test results shall be based on the arithmetic average of three valid runs (NAC 445B.252(5)).
- b. Testing shall be conducted on the exhaust stack (post controls).
- c. Method 5 in Appendix A of 40 CFR Part 60 shall be used to determine PM emissions. The sample volume for each test run shall be at least 1.7 dscm (60 dscf). Test runs must be conducted for up to two hours in an effort to collect this minimum sample.



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**Issued to:** STAKER AND PARSON COMPANIES – ELKO FACILITY (AS PERMITTEE)

**Section V. Specific Operating Conditions (continued)**

**Y. Emission Unit S2.002 (continued)**

5. Performance and Compliance Testing (NAC 445B.346(2), NAC 445B.252(1)) (*Federally Enforceable SIP Requirement*)  
The Permittee, upon issuance of this operating permit, shall conduct renewal performance testing at least 90 days prior to the expiration of this operating permit, but no earlier than 365 days from the date of expiration of this operating permit, and every 5 years thereafter, in accordance with the following: (continued)
  - d. Method 201A in Appendix M of 40 CFR Part 51 shall be used to determine PM<sub>10</sub> and PM<sub>2.5</sub> emissions. The sample time and sample volume collected for each test run shall be sufficient to collect enough mass to weigh accurately.
  - e. The Method 201A test required in this section may be replaced by a Method 5 in Appendix A of 40 CFR Part 60. All particulate captured in the Method 5 test performed under this provision shall be considered PM<sub>2.5</sub> for determination of compliance.
  - f. Method 6C in Appendix A of 40 CFR Part 60 shall be used to determine the sulfur dioxide concentration. Each test will be run for a minimum of one hour.
  - g. Method 7E in Appendix A of 40 CFR Part 60 shall be used to determine the nitrogen oxides concentration. Each test will be run for a minimum of one hour.
  - h. Method 9 in Appendix A of 40 CFR Part 60 shall be used to determine opacity. Opacity observations shall be conducted concurrently with the applicable performance test. The minimum total time of observations shall be six minutes (24 consecutive observations recorded at 15 second intervals), unless otherwise specified by an applicable subpart.
  - i. Method 10 in Appendix A of 40 CFR Part 60 shall be used to determine the carbon monoxide concentration. Each test will be run for a minimum of one hour.
  - j. Method 25A in Appendix A of 40 CFR Part 60 shall be used to determine the volatile organic compound concentration. Method 18 in Appendix A of 40 CFR Part 60 or Method 320 in Appendix A of CFR Part 63 may be used in conjunction with Method 25A to break out the organic compounds that are not considered VOC's by definition per 40 CFR 51.100(s). Each Method 25A test will be run for a minimum of one hour.
  - k. Method 9 in Appendix A of 40 CFR Part 60 shall be used to determine opacity. Opacity observations shall be conducted concurrently with the applicable performance test. The minimum total time of observations shall be six minutes (24 consecutive observations recorded at 15 second intervals), unless otherwise specified by an applicable subpart.
6. Federal Requirements (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)  
New Source Performance Standards (NSPS) – 40 CFR Part 60 Subpart I – Standards of Performance for Hot Mix Asphalt Facilities (40 CFR Part 60.90)
  - a. On and after the date on which the performance test required to be conducted for **S2.002** is completed, the Permittee subject to the provisions of this subpart shall not discharge or cause the discharge into the atmosphere gasses which:
    - (1) Contain particulate matter in excess of **90 mg/dscm** (0.04 gr/dscf). (40 CFR Part 60.92(a)(1))
    - (2) Exhibit 20 percent opacity, or greater.
  - b. The opacity standard set forth in this part shall apply at all times except during periods of startup, shutdown, and malfunction (40 CFR Part 60.11(c)).
  - c. At all times, including periods of startup, shutdown, and malfunction, Permittee shall, to the extent practicable, maintain and operate **S2.002** including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. (40 CFR Part 60.11(d))

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System 26 - Asphalt Silo Loading (Revised June 2025, Air Case 12438)		Location UTM (Zone 11, NAD 83)	
		m North	m East
PF1.048	Asphalt Storage Silos (AP-S3 through AP-S5) Loading	4,522,191	606,630

1. Air Pollution Control Equipment (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)  
**PF1.048** has no add-on controls.
2. Operating Parameters (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)
  - a. The maximum allowable throughput rate for **PF1.048** shall not exceed **400.0** tons of **hot mix asphalt** per any one-hour period averaged over a daily basis, nor more than **500,000.0** tons per year.
  - b. Hours
    - (1) **PF1.048** may operate a total of **10** hours per day during the months of **October through March**.
    - (2) **PF1.048** may operate a total of **17** hours per day during the month of **April through September**.
    - (3) **PF1.048** may operate a total of **4,931** hours per year.
    - (4) **PF1.048** may operate from **7 AM to 5 PM only**, during the months of **October through March**.
    - (5) **PF1.048** may operate from **4 AM to 9 PM only**, during the months of **April through September**.
3. Emission Limits (NAC 445B.305, NAC 445B.346(1), NAC 445B. 22017) (*Federally Enforceable SIP Requirement*)  
The Permittee, upon issuance of this operating permit, shall not discharge or cause the discharge into the atmosphere from **PF1.048** the following pollutants in excess of the following specified limits:
  - a. The discharge of **PM** (particulate matter) to the atmosphere shall not exceed **0.23** pounds per hour, nor more than **0.15** tons per year.
  - b. The discharge of **PM<sub>10</sub>** (particulate matter less than or equal to 10 microns in diameter) to the atmosphere shall not exceed **0.23** pounds per hour, nor more than **0.15** tons per year.
  - c. The discharge of **PM<sub>2.5</sub>** (particulate matter less than or equal to 2.5 microns in diameter) to the atmosphere shall not exceed **0.23** pounds per hour, nor more than **0.15** tons per year.
  - d. The discharge of **CO** (carbon monoxide) to the atmosphere shall not exceed **0.47** pounds per hour, nor more than **0.29** tons per year.
  - e. The discharge of **VOC** (volatile organic compound) to the atmosphere shall not exceed **4.87** pounds per hour, nor more than **3.05** tons per year.
4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)  
The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate.
  - a. Monitor and record the throughput for **PF1.048** on a daily basis.
  - b. Monitor and record the times at which operations start and stop as well as the total daily hours of operation for **PF1.048**.
  - c. Record the corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate shall be determined from the total daily throughput and the total daily hours of operation.
  - d. Monitor and record the total yearly throughput rate in tons per year. The annual throughput shall be determined as the sum of the monthly throughput rates for the year for all previous months of that year.
  - e. Monitor and record the total yearly hours of operation per year. The annual hours of operation shall be determined as the sum of the monthly hours of operation for all previous months of that year.



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**Issued to:** STAKER AND PARSON COMPANIES – ELKO FACILITY (AS PERMITTEE)

**Section V. Specific Operating Conditions (continued)**

**Z. Emission Unit PF1.048 (continued)**

5. Federal Requirements (NAC 445B.346(2)) (Federally Enforceable SIP Requirement New Source Performance Standards (NSPS) – 40 CFR Part 60 Subpart I – Standards of Performance for Hot Mix Asphalt Facilities (40 CFR Part 60.90)
  - a. On and after the date on which the performance test required to be conducted for **PF1.048** is completed, the Permittee subject to the provisions of this subpart shall not discharge or cause the discharge into the atmosphere gasses which:
    - (1) Exhibit 20 percent opacity, or greater.
  - b. The opacity standard set forth in this part shall apply at all times except during periods of startup, shutdown, and malfunction (40 CFR Part 60.11(c)).
  - c. At all times, including periods of startup, shutdown, and malfunction, Permittee shall, to the extent practicable, maintain and operate **PF1.048** including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. (40 CFR Part 60.11(d))



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System 27 - Asphalt Silo Unloading (Revised June 2025, Air Case 12438)		Location UTM (Zone 11, NAD 83)	
		m North	m East
PF1.049	Asphalt Storage Silos (AP-S3 through AP-S5) Unloading to Trucks	4,522,190	606,639

1. Air Pollution Control Equipment (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)
  - a. **PF1.049** have no add-on controls.
2. Operating Parameters (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)
  - a. The maximum allowable throughput rate for **PF1.049** shall not exceed **400.0** tons of **hot mix asphalt** per any one-hour period averaged over a daily basis, nor more than **500,000.0** tons per year.
  - b. Hours
    - (1) **PF1.049** may operate a total of **10** hours per day during the months of **October through March**.
    - (2) **PF1.049** may operate a total of **17** hours per day during the months of **April through September**.
    - (3) **PF1.049** may operate a total of **4,931** hours per year.
    - (4) **PF1.049** may operate from **7 AM to 5 PM only**, during the months of **October through March**.
    - (5) **PF1.049** may operate from **4 AM to 9 PM only**, during the months of **April through September**.
3. Emission Limits (NAC 445B.305, NAC 445B.346(1), NAC 445B. 22017) (*Federally Enforceable SIP Requirement*)

The Permittee, upon issuance of this operating permit, shall not discharge or cause the discharge into the atmosphere from **PF1.049** the following pollutants in excess of the following specified limits:

  - a. The discharge of **PM** (particulate matter) to the atmosphere shall not exceed **0.21** pounds per hour, nor more than **0.13** tons per year.
  - b. The discharge of **PM<sub>10</sub>** (particulate matter less than or equal to 10 microns in diameter) to the atmosphere shall not exceed **0.21** pounds per hour, nor more than **0.13** tons per year.
  - c. The discharge of **PM<sub>2.5</sub>** (particulate matter less than or equal to 2.5 microns in diameter) to the atmosphere shall not exceed **0.21** pounds per hour, nor more than **0.13** tons per year.
  - d. The discharge of **CO** (carbon monoxide) to the atmosphere shall not exceed **0.54** pounds per hour, nor more than **0.34** tons per year.
  - e. The discharge of **VOC** (volatile organic compound) to the atmosphere shall not exceed **1.66** pounds per hour, nor more than **1.04** tons per year.
4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)

The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate.

  - a. Monitor and record the throughput for **PF1.049** on a daily basis.
  - b. Monitor and record the times at which operations start and stop as well as the total daily hours of operation for **PF1.049**.
  - c. Record the corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate shall be determined from the total daily throughput and the total daily hours of operation.
  - d. Monitor and record the total yearly throughput rate in tons per year. The annual throughput shall be determined as the sum of the monthly throughput rates for the year for all previous months of that year.
  - e. Monitor and record the total yearly hours of operation per year. The annual hours of operation shall be determined as the sum of the monthly hours of operation for all previous months of that year.



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**Section V. Specific Operating Conditions (continued)**

**AA. Emission Unit PF1.049 (continued)**

5. Federal Requirements (NAC 445B.346(2)) (Federally Enforceable SIP Requirement New Source Performance Standards (NSPS) – 40 CFR Part 60 Subpart I – Standards of Performance for Hot Mix Asphalt Facilities (40 CFR Part 60.90)
  - a. On and after the date on which the performance test required to be conducted for **PF1.049** is completed, the Permittee subject to the provisions of this subpart shall not discharge or cause the discharge into the atmosphere gasses which:
    - (1) Exhibit 20 percent opacity, or greater.
  - b. The opacity standard set forth in this part shall apply at all times except during periods of startup, shutdown, and malfunction (40 CFR Part 60.11(c)).
  - c. At all times, including periods of startup, shutdown, and malfunction, Permittee shall, to the extent practicable, maintain and operate **PF1.049** including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. (40 CFR Part 60.11(d))

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System 28 - Hot Oil Heater (Revised May 2025, Air Case 12438)		Location UTM (Zone 11, NAD 83)	
		m North	m East
S2.003	3.0 MMBtu, Natural Gas, Hot Oil Heater (Revised May 2025, Air Case 12438)	4,522,220	606,633

1. Air Pollution Control Equipment (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)
  - a. **S2.003** has no add-on controls.
  - b. Descriptive Stack Parameters  
Stack Height: 14.0 feet  
Stack Diameter: 0.55 feet  
Stack Temperature: 650 °F  
Exhaust Flow: 596 dry standard cubic feet per minute (dscfm)
2. Operating Parameters (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)
  - a. **S2.003** may consume only **natural gas**.
  - b. The maximum allowable fuel consumption rate for **S2.003** shall not exceed **2,890.17 standard cubic feet (scf)** per any one-hour period.
  - c. Hours
    - (1) **S2.003** may operate a total of **24** hours per day during the months of **April through November**.
    - (2) **S2.003** may operate a total of **5,856** hours per year.
    - (3) **S2.003** may only operate from as follows:
      - (a) December through March: **Cease operation**.
      - (b) April through November: **No hour-of-day limitations**.
3. Emission Limits (NAC 445B.305, NAC 445B.346(1), NAC 445B. 22017) (*Federally Enforceable SIP Requirement*)

The Permittee, upon issuance of this operating permit, shall not discharge or cause the discharge into the atmosphere from **S2.003** the following pollutants in excess of the following specified limits:

  - a. The discharge of **PM** (particulate matter) to the atmosphere shall not exceed **0.022** pounds per hour, nor more than **0.064** tons per year.
  - b. The discharge of **PM<sub>10</sub>** (particulate matter less than or equal to 10 microns in diameter) to the atmosphere shall not exceed **0.022** pounds per hour, nor more than **0.064** tons per year.
  - c. The discharge of **PM<sub>2.5</sub>** (particulate matter less than or equal to 2.5 microns in diameter) to the atmosphere shall not exceed **0.022** pounds per hour, nor more than **0.064** tons per year.
  - d. The discharge of **SO<sub>2</sub>** (sulfur dioxide) to the atmosphere shall not exceed **0.0017** pounds per hour, nor more than **0.0051** tons per year.
  - e. The discharge of **NO<sub>x</sub>** (oxides of nitrogen) to the atmosphere shall not exceed **0.29** pounds per hour, nor more than **0.85** tons per year.
  - f. The discharge of **CO** (carbon monoxide) to the atmosphere shall not exceed **0.24** pounds per hour, nor more than **0.71** tons per year.
  - g. The discharge of **VOCs** (volatile organic compounds) to the atmosphere shall not exceed **0.016** pounds per hour, nor more than **0.047** tons per year.
  - h. The opacity from **S2.003** shall not equal or exceed **20** percent.



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**Section V. Specific Operating Conditions (continued)**

**AB. Emission Unit S2.003 (continued)**

4. Monitoring and Recordkeeping (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)

The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate.

- a. Monitor and record the hours of operation for **S2.003** on a daily basis.
- b. Monitor and record the consumption rate of **natural gas** on a daily basis for **S2.003** (in scf) by multiplying the maximum hourly fuel consumption rate as stated in **AB.2.b** of this section and the total daily hours of operation.
- c. Record the monthly hours of operation, and the corresponding annual hours of operation for the year. The monthly hours of operation shall be determined at the end of each month as the sum of daily hours of operation for each day of the month. The annual hours of operation shall be determined as the sum of the monthly hours of operation for the year.

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System 29 - Concrete Batch Plant: Sand Transfers (Revised June 2025, Air Case 12438)		Location UTM (Zone 11, NAD 83)	
		m North	m East
PF1.050	Loader Transfer of Sand to Sand Hopper CP-F1	4,522,391	607,091
PF1.051	Sand Hopper CP-F1 Transfer to Sand Conveyor CP-C1	4,522,391	607,091
PF1.052	Sand Conveyor CP-C1 Transfer to Weigh Hopper CP-WH1	4,522,384	607,094

1. Air Pollution Control Equipment (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)
  - a. **PF1.050 and PF1.051, each**, have no add-on controls.
  - b. Emissions from **PF1.052** shall be controlled by a **dust collector**.
2. Operating Parameters (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)
  - a. The maximum allowable throughput rate for **PF1.050 through PF1.052, each**, shall not exceed **120.0** tons of sand per any one-hour period averaged over a daily basis, nor more than **93,000.0** tons per year.
  - b. Hours
    - (1) **PF1.050 through PF1.052, each**, may operate a total of **10** hours per day during the months of **October through March**.
    - (2) **PF1.050 through PF1.052, each**, may operate a total of **17** hours per day during the months of **April through September**.
    - (3) **PF1.050 through PF1.052, each**, may operate a total of **3,000** hours per year.
    - (4) **PF1.050 through PF1.052, each**, may operate from **7 AM to 5 PM only**, during the months of **October through March**.
    - (5) **PF1.050 through PF1.052, each**, may operate from **4 AM to 9 PM only**, during the months of **April through September**.
3. Emission Limits (NAC 445B.305, NAC 445B.346(1), NAC 445B.22017) (*Federally Enforceable SIP Requirement*)
  - a. The Permittee, upon issuance of this operating permit, shall not discharge or cause the discharge into the atmosphere from **PF1.050 and PF1.051, each**, the following pollutants in excess of the following specified limits:
    - (1) The discharge of **PM** (particulate matter) to the atmosphere shall not exceed **0.25** pounds per hour, nor more than **0.098** tons per year.
    - (2) The discharge of **PM<sub>10</sub>** (particulate matter less than or equal to 10 microns in diameter) to the atmosphere shall not exceed **0.12** pounds per hour, nor more than **0.046** tons per year.
    - (3) The discharge of **PM<sub>2.5</sub>** (particulate matter less than or equal to 2.5 microns in diameter) to the atmosphere shall not exceed **0.018** pounds per hour, nor more than **0.0070** tons per year.
    - (4) The opacity from **PF1.050 and PF1.051, each**, shall not equal or exceed **20** percent.
  - b. The Permittee, upon issuance of this operating permit, shall not discharge or cause the discharge into the atmosphere from **PF1.052** the following pollutants in excess of the following specified limits:
    - (1) The discharge of **PM** (particulate matter) to the atmosphere shall not exceed **0.025** pounds per hour, nor more than **0.0098** tons per year.
    - (2) The discharge of **PM<sub>10</sub>** (particulate matter less than or equal to 10 microns in diameter) to the atmosphere shall not exceed **0.012** pounds per hour, nor more than **0.0046** tons per year.
    - (3) The discharge of **PM<sub>2.5</sub>** (particulate matter less than or equal to 2.5 microns in diameter) to the atmosphere shall not exceed **0.0018** pounds per hour, nor more than **0.00070** tons per year.
    - (4) The opacity from **PF1.052** shall not equal or exceed **20** percent.





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**Section V. Specific Operating Conditions (continued)**

**AC. Emission Units PF1.050 through PF1.052 (continued)**

4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)

The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate.

- a. Monitor and record the throughput for **PF1.050 through PF1.052, each**, on a daily basis.
- b. Monitor and record the times at which operations start and stop as well as the total daily hours of operation for **PF1.050 through PF1.052, each**.
- c. Record the corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate shall be determined from the total daily throughput and the total daily hours of operation.
- d. Monitor and record the total yearly throughput rate in tons per year. The annual throughput shall be determined as the sum of the monthly throughput rates for the year for all previous months of that year.
- e. Monitor and record the total yearly hours of operation per year. The annual hours of operation shall be determined as the sum of the monthly hours of operation for all previous months of that year.
- f. Conduct and record an observation of visible emissions (excluding water vapor) on the **dust collector** controlling **PF1.052** on a monthly basis while operating. The observer shall stand at a distance sufficient to provide a clear view of the emissions with the sun oriented to their back. If visible emissions are observed and exceed the applicable opacity standard, the Permittee shall take immediate corrective action. The Permittee shall maintain in a contemporaneous log the following recordkeeping: the calendar date and time of any required monitoring, name of the observer, results of the monthly observation of visible emissions, and any corrective actions taken.
- g. Inspect the **dust collector** installed on **PF1.052** in accordance with the manufacturer's operation and maintenance manual and record the results (e.g. the condition of the filter fabric), and any corrective actions taken.

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System 30 - Concrete Batch Plant: Aggregate Transfers (Revised June 2025, Air Case 12438)		Location UTM (Zone 11, NAD 83)	
		m North	m East
PF1.053	Loader Transfer to Aggregate Hoppers CP-F2 and CP-F3	4,522,391	607,091
PF1.054	Aggregate Hoppers CP-F2 and CP-F3 Transfer to Aggregate Conveyor CP-C2	4,522,391	607,091
PF1.055	Aggregate Conveyor CP-C2 Transfer to Weigh Hopper CP-WH1	4,522,384	607,094

1. Air Pollution Control Equipment (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)
  - a. **PF1.053 and PF1.054, each**, have no add-on controls.
  - b. Emissions from **PF1.055** shall be controlled by a **dust collector**.
2. Operating Parameters (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)
  - a. The maximum allowable throughput rate for **PF1.053 through PF1.055, each**, shall not exceed **120.0** tons of **aggregate** per any one-hour period averaged over a daily basis, nor more than **141,000.0** tons per year.
  - b. Hours
    - (1) **PF1.053 through PF1.055, each**, may operate a total of **10** hours per day during the months of **October through March**.
    - (2) **PF1.053 through PF1.055, each**, may operate a total of **17** hours per day during the months of **April through September**.
    - (3) **PF1.053 through PF1.055, each**, may operate a total of **3,000** hours per year.
    - (4) **PF1.053 through PF1.055, each**, may operate from **7 AM to 5 PM only**, during the months of **October through March**.
    - (5) **PF1.053 through PF1.055, each**, may operate from **4 AM to 9 PM only**, during the months of **April through September**.
3. Emission Limits (NAC 445B.305, NAC 445B.346(1), NAC 445B.22017) (*Federally Enforceable SIP Requirement*)
  - a. The Permittee, upon issuance of this operating permit, shall not discharge or cause the discharge into the atmosphere from **PF1.053 and PF1.054, each**, the following pollutants in excess of the following specified limits:
    - (1) The discharge of **PM** (particulate matter) to the atmosphere shall not exceed **0.83** pounds per hour, nor more than **0.49** tons per year.
    - (2) The discharge of **PM<sub>10</sub>** (particulate matter less than or equal to 10 microns in diameter) to the atmosphere shall not exceed **0.40** pounds per hour, nor more than **0.23** tons per year.
    - (3) The discharge of **PM<sub>2.5</sub>** (particulate matter less than or equal to 2.5 microns in diameter) to the atmosphere shall not exceed **0.060** pounds per hour, nor more than **0.035** tons per year.
    - (4) The opacity from **PF1.053 and PF1.054, each**, shall not equal or exceed **20** percent.
  - b. The Permittee, upon issuance of this operating permit, shall not discharge or cause the discharge into the atmosphere from **PF1.055** the following pollutants in excess of the following specified limits:
    - (1) The discharge of **PM** (particulate matter) to the atmosphere shall not exceed **0.083** pounds per hour, nor more than **0.049** tons per year.
    - (2) The discharge of **PM<sub>10</sub>** (particulate matter less than or equal to 10 microns in diameter) to the atmosphere shall not exceed **0.040** pounds per hour, nor more than **0.023** tons per year.
    - (3) The discharge of **PM<sub>2.5</sub>** (particulate matter less than or equal to 2.5 microns in diameter) to the atmosphere shall not exceed **0.0060** pounds per hour, nor more than **0.0035** tons per year.
    - (4) The opacity from **PF1.055** shall not equal or exceed **20** percent.



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**Issued to:** STAKER AND PARSON COMPANIES – ELKO FACILITY (AS PERMITTEE)

**Section V. Specific Operating Conditions (continued)**

**AD. Emission Units PF1.053 through PF1.055 (continued)**

4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)

The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate.

- a. Monitor and record the throughput for **PF1.053 through PF1.055, each**, on a daily basis.
- b. Monitor and record the times at which operations start and stop as well as the total daily hours of operation for **PF1.053 through PF1.055, each**.
- c. Record the corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate shall be determined from the total daily throughput and the total daily hours of operation.
- d. Monitor and record the total yearly throughput rate in tons per year. The annual throughput shall be determined as the sum of the monthly throughput rates for the year for all previous months of that year.
- e. Monitor and record the total yearly hours of operation per year. The annual hours of operation shall be determined as the sum of the monthly hours of operation for all previous months of that year.
- f. Conduct and record an observation of visible emissions (excluding water vapor) on the **dust collector** controlling **PF1.055** on a monthly basis while operating. The observer shall stand at a distance sufficient to provide a clear view of the emissions with the sun oriented to their back. If visible emissions are observed and exceed the applicable opacity standard, the Permittee shall take immediate corrective action. The Permittee shall maintain in a contemporaneous log the following recordkeeping: the calendar date and time of any required monitoring, name of the observer, results of the monthly observation of visible emissions, and any corrective actions taken.
- g. Inspect the **dust collector** installed on **PF1.055** in accordance with the manufacturer's operation and maintenance manual and record the results (e.g. the condition of the filter fabric), and any corrective actions taken.

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System 31 - Concrete Batch Plant: Truck Loading (Revised June 2025, Air Case 12438)		Location UTM (Zone 11, NAD 83)	
		m North	m East
PF1.056	Weigh Hopper CP-WH1 Transfer to Mixer Truck	4,522,385	607,101
PF1.057	Weigh Hopper CP-WH2 Transfer to Mixer Truck	4,522,385	607,101

1. Air Pollution Control Equipment (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)  
Emissions from **PF1.056 and PF1.057, each**, shall be controlled by an **enclosure/shroud**.
2. Operating Parameters (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)
  - a. The maximum allowable throughput rate for **PF1.056** shall not exceed **120.0** tons of **sand and aggregate** per any one-hour period averaged over a daily basis, nor more than **234,000.0** tons per year.
  - b. The maximum allowable throughput rate for **PF1.057** shall not exceed **12.0** tons of **sand and aggregate** per any one-hour period averaged over a daily basis, nor more than **37,500.0** tons per year.
  - c. Hours
    - (1) **PF1.056 and PF1.057, each**, may operate a total of **10** hours per day during the months of **October through March**.
    - (2) **PF1.056 and PF1.057, each**, may operate a total of **17** hours per day during the months of **April through September**.
    - (3) **PF1.056 and PF1.057, each**, may operate a total of **3,000** hours per year.
    - (4) **PF1.056 and PF1.057, each**, may operate from **7 AM to 5 PM only**, during the months of **October through March**.
    - (5) **PF1.056 and PF1.057, each**, may operate from **4 AM to 9 PM only**, during the months of **April through September**.
3. Emission Limits (NAC 445B.305, NAC 445B.346(1), NAC 445B.22017) (*Federally Enforceable SIP Requirement*)
  - a. The Permittee, upon issuance of this operating permit, shall not discharge or cause the discharge into the atmosphere from **PF1.056** the following pollutants in excess of the following specified limits:
    - (1) The discharge of **PM** (particulate matter) to the atmosphere shall not exceed **0.29** pounds per hour, nor more than **0.28** tons per year.
    - (2) The discharge of **PM<sub>10</sub>** (particulate matter less than or equal to 10 microns in diameter) to the atmosphere shall not exceed **0.17** pounds per hour, nor more than **0.16** tons per year.
    - (3) The discharge of **PM<sub>2.5</sub>** (particulate matter less than or equal to 2.5 microns in diameter) to the atmosphere shall not exceed **0.025** pounds per hour, nor more than **0.025** tons per year.
    - (4) The opacity from **PF1.056** shall not equal or exceed **20** percent.
  - b. The Permittee, upon issuance of this operating permit, shall not discharge or cause the discharge into the atmosphere from **PF1.057** the following pollutants in excess of the following specified limits:
    - (1) The discharge of **PM** (particulate matter) to the atmosphere shall not exceed **1.18** pounds per hour, nor more than **1.84** tons per year.
    - (2) The discharge of **PM<sub>10</sub>** (particulate matter less than or equal to 10 microns in diameter) to the atmosphere shall not exceed **0.32** pounds per hour, nor more than **0.49** tons per year.
    - (3) The discharge of **PM<sub>2.5</sub>** (particulate matter less than or equal to 2.5 microns in diameter) to the atmosphere shall not exceed **0.048** pounds per hour, nor more than **0.075** tons per year.
    - (4) The opacity from **PF1.057** shall not equal or exceed **20** percent.



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**Issued to:** STAKER AND PARSON COMPANIES – ELKO FACILITY (AS PERMITTEE)

**Section V. Specific Operating Conditions (continued)**

**AE. Emission Units PF1.056 and PF1.057 (continued)**

4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)

The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate.

- a. Monitor and record the throughput for **PF1.056 and PF1.057, each**, on a daily basis.
- b. Monitor and record the times at which operations start and stop as well as the total daily hours of operation for **PF1.056 and PF1.057, each**, on a daily basis.
- c. Record the corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate shall be determined from the total daily throughput and the total daily hours of operation.
- d. Monitor and record the total yearly throughput rate in tons per year. The annual throughput shall be determined as the sum of the monthly throughput rates for the year for all previous months of that year.
- e. Monitor and record the total yearly hours of operation per year. The annual hours of operation shall be determined as the sum of the monthly hours of operation for all previous months of that year.
- f. Conduct and record an observation of visible emissions (excluding water vapor) on the **enclosure/shroud** controlling **PF1.056 and PF1.057, each**, on a **monthly** basis while operating. The observer shall stand at a distance sufficient to provide a clear view of the emissions with the sun oriented to their back. If visible emissions are observed and exceed the applicable opacity standard, the Permittee shall take immediate corrective action. The Permittee shall maintain in a contemporaneous log the following recordkeeping: the calendar date and time of any required monitoring, name of the observer, results of the monthly observation of visible emissions, and any corrective actions taken.
- g. Inspect the **enclosure/shroud** installed on **PF1.056 and PF1.057, each**, on a **monthly** basis to confirm that the **enclosure/shroud** is in place and functioning properly. If the **enclosure/shroud** is in disrepair, the Permittee shall initiate corrective action within 24 hours and complete corrective action as expediently as practical to ensure that the **enclosure/shroud** is functioning properly. The Permittee must record each inspection of the **enclosure/shroud**, including the date of each inspection and any corrective actions taken.



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System 32 - Concrete Batch Plant: Cement Silo #1 (Revised June 2025, Air Case 12438)		Location UTM (Zone 11, NAD 83)	
		m North	m East
S2.004	Cement Silo CP-S1 Pneumatic Loading	4,522,366	607,073
PF1.058	Cement Silo CP-S1 Unloading to Weigh Hopper CP-WH2	4,522,384	607,094

1. Air Pollution Control Equipment (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)
  - a. Emissions from **S2.004** shall be controlled by a **bin vent**.
  - b. Emissions from **PF1.058** shall be controlled by an **enclosure/shroud**.
  - c. Descriptive Stack Parameters for S2.004  
Stack Height: 60 feet  
Stack Diameter: 0.67 feet x 1.58 feet  
Stack Temperature: Ambient  
Exhaust Flow: 1,760 dry standard cubic feet per minute (dscfm)
2. Operating Parameters (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)
  - a. The maximum allowable throughput rate for **S2.004** shall not exceed **44.0** tons of **cement** per any one-hour period averaged over a daily basis, nor more than **12,500.0** tons per year.
  - b. The maximum allowable throughput rate for **PF1.058** shall not exceed **12.0** tons of **cement** per any one-hour period averaged over a daily basis, nor more than **12,500.0** tons per year.
  - c. Hours
    - (1) **S2.004 and PF1.058, each**, may operate a total of **10** hours per day during the months of **October through March**.
    - (2) **S2.004 and PF1.058, each**, may operate a total of **17** hours per day during the months of **April through September**.
    - (3) **S2.004** may operate a total of **341** hours per year.
    - (4) **PF1.058** may operate a total of **3,000** hours per year.
    - (5) **S2.004 and PF1.058, each**, may operate from **7 AM to 5 PM only**, during the months of **October through March**.
    - (6) **S2.004 and PF1.058, each**, may operate from **4 AM to 9 PM only**, during the months of **April through September**.
3. Emission Limits (NAC 445B.305, NAC 445B.346(1), NAC 445B. 22017) (*Federally Enforceable SIP Requirement*)
  - a. The Permittee, upon issuance of this operating permit, shall not discharge or cause the discharge into the atmosphere from **S2.004** the following pollutants in excess of the following specified limits:
    - (1) The discharge of **PM** (particulate matter) to the atmosphere shall not exceed **0.044** pounds per hour, nor more than **0.0062** tons per year.
    - (2) The discharge of **PM<sub>10</sub>** (particulate matter less than or equal to 10 microns in diameter) to the atmosphere shall not exceed **0.015** pounds per hour, nor more than **0.0021** tons per year.
    - (3) The discharge of **PM<sub>2.5</sub>** (particulate matter less than or equal to 2.5 microns in diameter) to the atmosphere shall not exceed **0.0023** pounds per hour, nor more than **0.00032** tons per year.
  - b. The Permittee, upon issuance of this operating permit, shall not discharge or cause the discharge into the atmosphere from **PF1.058** the following pollutants in excess of the following specified limits:
    - (1) The discharge of **PM** (particulate matter) to the atmosphere shall not exceed **0.029** pounds per hour, nor more than **0.015** tons per year.
    - (2) The discharge of **PM<sub>10</sub>** (particulate matter less than or equal to 10 microns in diameter) to the atmosphere shall not exceed **0.017** pounds per hour, nor more than **0.0088** tons per year.
    - (3) The discharge of **PM<sub>2.5</sub>** (particulate matter less than or equal to 2.5 microns in diameter) to the atmosphere shall not exceed **0.0024** pounds per hour, nor more than **0.0013** tons per year.
  - c. The opacity from **S2.004 and PF1.058, each**, shall not exceed **20** percent.



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**Section V. Specific Operating Conditions (continued)**

**AF. Emission Units S2.004 and PF1.058 (continued)**

4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)

The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate.

- a. Monitor and record the throughput for **S2.004 and PF1.058, each**, on a daily basis.
- b. Monitor and record the times at which operations start and stop as well as the total daily hours of operation for **S2.004 and PF1.058, each**.
- c. Record the corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate shall be determined from the total daily throughput and the total daily hours of operation.
- d. Monitor and record the total yearly throughput rate in tons per year. The annual throughput shall be determined as the sum of the monthly throughput rates for the year for all previous months of that year.
- e. Monitor and record the total yearly hours of operation per year. The annual hours of operation shall be determined as the sum of the monthly hours of operation for all previous months of that year.
- f. Conduct and record an observation of visible emissions (excluding water vapor) on the **bin vent** controlling **S2.004** on a **monthly** basis while operating. The observer shall stand at a distance sufficient to provide a clear view of the emissions with the sun oriented to their back. If visible emissions are observed and exceed the applicable opacity standard, the Permittee shall take immediate corrective action. The Permittee shall maintain in a contemporaneous log the following recordkeeping: the calendar date and time of any required monitoring, name of the observer, results of the monthly observation of visible emissions, and any corrective actions taken.
- g. Inspect the **bin vent** installed on **S2.004** in accordance with the manufacturer's operation and maintenance manual and record the results (e.g. the condition of the filter fabric), and any corrective actions taken.
- h. Conduct and record an observation of visible emissions (excluding water vapor) on the **enclosure/shroud** controlling **PF1.058** on a **monthly** basis while operating. The observer shall stand at a distance sufficient to provide a clear view of the emissions with the sun oriented to their back. If visible emissions are observed and exceed the applicable opacity standard, the Permittee shall take immediate corrective action. The Permittee shall maintain in a contemporaneous log the following recordkeeping: the calendar date and time of any required monitoring, name of the observer, results of the monthly observation of visible emissions, and any corrective actions taken.
- i. Inspect the **enclosure/shroud** installed on **PF1.058** on a **monthly** basis to confirm that the **enclosure/shroud** is in place and functioning properly. If the **enclosure/shroud** is in disrepair, the Permittee shall initiate corrective action within 24 hours and complete corrective action as expeditiously as practical to ensure that the **enclosure/shroud** is functioning properly. The Permittee must record each inspection of the **enclosure/shroud**, including the date of each inspection and any corrective actions taken.

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System 33 - Concrete Batch Plant: Cement Silo #2 (Revised June 2025, Air Case 12438)		Location UTM (Zone 11, NAD 83)	
		m North	m East
S2.005	Cement Silo CP-S2 Pneumatic Loading	4,522,364	607,071
PF1.059	Cement Silo CP-S2 Unloading to Weigh Hopper CP-WH2	4,522,384	607,094

1. Air Pollution Control Equipment (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)
  - a. Emissions from **S2.005** shall be controlled by a **bin vent**.
  - b. Emissions from **PF1.059** shall be controlled by an **enclosure/shroud**.
  - c. Descriptive Stack Parameters for S2.005  
Stack Height: 60 feet  
Stack Diameter: 0.67 feet x 1.58 feet  
Stack Temperature: Ambient  
Exhaust Flow: 1,760 dry standard cubic feet per minute (dscfm)
2. Operating Parameters (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)
  - a. The maximum allowable throughput rate for **S2.005** shall not exceed **44.0** tons of **cement** per any one-hour period averaged over a daily basis, nor more than **12,500.0** tons per year.
  - b. The maximum allowable throughput rate for **PF1.059** shall not exceed **12.0** tons of **cement** per any one-hour period averaged over a daily basis, nor more than **12,500.0** tons per year.
  - c. Hours
    - (1) **S2.005 and PF1.059, each**, may operate a total of **17** hours per day.
    - (2) **S2.005** may operate a total of **341** hours per year.
    - (3) **PF1.059** may operate a total of **3,000** hours per year.
    - (4) **S2.005 and PF1.059, each**, may operate from **7 AM to 5 PM only**, during the months of **October through March**.
    - (5) **S2.005 and PF1.059, each**, may operate from **4 AM to 9 PM only**, during the months of **April through September**.
3. Emission Limits (NAC 445B.305, NAC 445B.346(1), NAC 445B. 22017) (*Federally Enforceable SIP Requirement*)
  - a. The Permittee, upon issuance of this operating permit, shall not discharge or cause the discharge into the atmosphere from **S2.005** the following pollutants in excess of the following specified limits:
    - (1) The discharge of **PM** (particulate matter) to the atmosphere shall not exceed **0.044** pounds per hour, nor more than **0.0062** tons per year.
    - (2) The discharge of **PM<sub>10</sub>** (particulate matter less than or equal to 10 microns in diameter) to the atmosphere shall not exceed **0.015** pounds per hour, nor more than **0.0021** tons per year.
    - (3) The discharge of **PM<sub>2.5</sub>** (particulate matter less than or equal to 2.5 microns in diameter) to the atmosphere shall not exceed **0.0022** pounds per hour, nor more than **0.00031** tons per year.
    - (4) The opacity from **S2.005** shall not equal or exceed **20** percent.
  - b. The Permittee, upon issuance of this operating permit, shall not discharge or cause the discharge into the atmosphere from **PF1.059** the following pollutants in excess of the following specified limits:
    - (1) The discharge of **PM** (particulate matter) to the atmosphere shall not exceed **0.029** pounds per hour, nor more than **0.015** tons per year.
    - (2) The discharge of **PM<sub>10</sub>** (particulate matter less than or equal to 10 microns in diameter) to the atmosphere shall not exceed **0.017** pounds per hour, nor more than **0.0088** tons per year.
    - (3) The discharge of **PM<sub>2.5</sub>** (particulate matter less than or equal to 2.5 microns in diameter) to the atmosphere shall not exceed **0.0024** pounds per hour, nor more than **0.0013** tons per year.
    - (4) The opacity from **PF1.059** shall not equal or exceed **20** percent.



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**Issued to:** STAKER AND PARSON COMPANIES – ELKO FACILITY (AS PERMITTEE)

**Section V. Specific Operating Conditions (continued)**

**AG. Emission Units S2.005 and PF1.059 (continued)**

4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)

The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate.

- a. Monitor and record the throughput for **S2.005 and PF1.059, each**, on a daily basis.
- b. Monitor and record the times at which operations start and stop as well as the total daily hours of operation for **S2.005 and PF1.059, each**.
- c. Record the corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate shall be determined from the total daily throughput and the total daily hours of operation.
- d. Monitor and record the total yearly throughput rate in tons per year. The annual throughput shall be determined as the sum of the monthly throughput rates for the year for all previous months of that year.
- e. Monitor and record the total yearly hours of operation per year. The annual hours of operation shall be determined as the sum of the monthly hours of operation for all previous months of that year.
- f. Conduct and record an observation of visible emissions (excluding water vapor) on the **bin vent** controlling **S2.005** on a **monthly** basis while operating. The observer shall stand at a distance sufficient to provide a clear view of the emissions with the sun oriented to their back. If visible emissions are observed and exceed the applicable opacity standard, the Permittee shall take immediate corrective action. The Permittee shall maintain in a contemporaneous log the following recordkeeping: the calendar date and time of any required monitoring, name of the observer, results of the monthly observation of visible emissions, and any corrective actions taken.
- g. Inspect the bin vent installed on **S2.005** in accordance with the manufacturer's operation and maintenance manual and record the results (e.g. the condition of the filter fabric), and any corrective actions taken.
- h. Conduct and record an observation of visible emissions (excluding water vapor) on the **enclosure/shroud** controlling **PF1.059** on a **monthly** basis while operating. The observer shall stand at a distance sufficient to provide a clear view of the emissions with the sun oriented to their back. If visible emissions are observed and exceed the applicable opacity standard, the Permittee shall take immediate corrective action. The Permittee shall maintain in a contemporaneous log the following recordkeeping: the calendar date and time of any required monitoring, name of the observer, results of the monthly observation of visible emissions, and any corrective actions taken.
- i. Inspect the **enclosure/shroud** installed on **PF1.059** on a **monthly** basis to confirm that the **enclosure/shroud** is in place and functioning properly. If the **enclosure/shroud** is in disrepair, the Permittee shall initiate corrective action within 24 hours and complete corrective action as expeditiously as practical to ensure that the **enclosure/shroud** is functioning properly. The Permittee must record each inspection of the **enclosure/shroud**, including the date of each inspection and any corrective actions taken.

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System 34 - Concrete Batch Plant: Cement supplement Silo #3 (Revised June 2025, Air Case 12438)		Location UTM (Zone 11, NAD 83)	
		m North	m East
S2.006	Cement Supplement Silo CP-S3 Pneumatic Loading	4,522,366	607,071
PF1.060	Cement Supplement Silo CP-S3 Pneumatic Unloading to Weigh Hopper CP-WH2	4,522,384	607,094

1. Air Pollution Control Equipment (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)
  - a. Emissions from **S2.006** shall be controlled by a **bin vent**.
  - b. Emissions from **PF1.060** shall be controlled by an **enclosure/shroud**.
  - c. Descriptive Stack Parameters for S2.006  
Stack Height: 60 feet  
Stack Diameter: 0.67 feet x 1.58 feet  
Stack Temperature: Ambient  
Exhaust Flow: 1,760 dry standard cubic feet per minute (dscfm)
2. Operating Parameters (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)
  - a. The maximum allowable throughput rate for **S2.006** shall not exceed **44.0** tons of **cement supplement** per any one-hour period averaged over a daily basis, nor more than **12,500.0** tons per year.
  - b. The maximum allowable throughput rate for **PF1.060** shall not exceed **12.0** tons of **cement supplement** per any one-hour period averaged over a daily basis, nor more than **12,500.0** tons per year.
  - c. Hours
    - (1) **S2.006 and PF1.060, each**, may operate a total of **17** hours per day.
    - (2) **S2.006** may operate a total of **341** hours per year.
    - (3) **PF1.060** may operate a total of **3,000** hours per year.
    - (4) **S2.006 and PF1.060, each**, may operate from **7 AM to 5 PM only**, during the months of **October through March**.
    - (5) **S2.006 and PF1.060, each**, may operate from **4 AM to 9 PM only**, during the months of **April through September**.
3. Emission Limits (NAC 445B.305, NAC 445B.346(1), NAC 445B. 22017) (*Federally Enforceable SIP Requirement*)
  - a. The Permittee, upon issuance of this operating permit, shall not discharge or cause the discharge into the atmosphere from **S2.006** the following pollutants in excess of the following specified limits:
    - (1) The discharge of **PM** (particulate matter) to the atmosphere shall not exceed **0.044** pounds per hour, nor more than **0.0062** tons per year.
    - (2) The discharge of **PM<sub>10</sub>** (particulate matter less than or equal to 10 microns in diameter) to the atmosphere shall not exceed **0.015** pounds per hour, nor more than **0.0021** tons per year.
    - (3) The discharge of **PM<sub>2.5</sub>** (particulate matter less than or equal to 2.5 microns in diameter) to the atmosphere shall not exceed **0.0022** pounds per hour, nor more than **0.00031** tons per year.
    - (4) The opacity from **S2.006** shall not equal or exceed **20** percent.
  - b. The Permittee, upon issuance of this operating permit, shall not discharge or cause the discharge into the atmosphere from **PF1.060** the following pollutants in excess of the following specified limits:
    - (1) The discharge of **PM** (particulate matter) to the atmosphere shall not exceed **0.029** pounds per hour, nor more than **0.015** tons per year.
    - (2) The discharge of **PM<sub>10</sub>** (particulate matter less than or equal to 10 microns in diameter) to the atmosphere shall not exceed **0.017** pounds per hour, nor more than **0.0088** tons per year.
    - (3) The discharge of **PM<sub>2.5</sub>** (particulate matter less than or equal to 2.5 microns in diameter) to the atmosphere shall not exceed **0.0024** pounds per hour, nor more than **0.0013** tons per year.
    - (4) The opacity from **PF1.060** shall not equal or exceed **20** percent.





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**Issued to:** STAKER AND PARSON COMPANIES – ELKO FACILITY (AS PERMITTEE)

**Section V. Specific Operating Conditions (continued)**

**AH. Emission Units S2.006 and PF1.060 (continued)**

4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)

The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate.

- a. Monitor and record the throughput for **S2.006 and PF1.060, each**, on a daily basis.
- b. Monitor and record the times at which operations start and stop as well as the total daily hours of operation for **S2.006 and PF1.060, each**.
- c. Record the corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate shall be determined from the total daily throughput and the total daily hours of operation.
- d. Monitor and record the total yearly throughput rate in tons per year. The annual throughput shall be determined as the sum of the monthly throughput rates for the year for all previous months of that year.
- e. Monitor and record the total yearly hours of operation per year. The annual hours of operation shall be determined as the sum of the monthly hours of operation for all previous months of that year.
- f. Conduct and record an observation of visible emissions (excluding water vapor) on the **bin vent** controlling **S2.006** on a **monthly** basis while operating. The observer shall stand at a distance sufficient to provide a clear view of the emissions with the sun oriented to their back. If visible emissions are observed and exceed the applicable opacity standard, the Permittee shall take immediate corrective action. The Permittee shall maintain in a contemporaneous log the following recordkeeping: the calendar date and time of any required monitoring, name of the observer, results of the monthly observation of visible emissions, and any corrective actions taken.
- g. Inspect the bin vent installed on **S2.006** in accordance with the manufacturer's operation and maintenance manual and record the results (e.g. the condition of the filter fabric), and any corrective actions taken.
- h. Conduct and record an observation of visible emissions (excluding water vapor) on the **enclosure/shroud** controlling **PF1.060** on a **monthly** basis while operating. The observer shall stand at a distance sufficient to provide a clear view of the emissions with the sun oriented to their back. If visible emissions are observed and exceed the applicable opacity standard, the Permittee shall take immediate corrective action. The Permittee shall maintain in a contemporaneous log the following recordkeeping: the calendar date and time of any required monitoring, name of the observer, results of the monthly observation of visible emissions, and any corrective actions taken.
- i. Inspect the **enclosure/shroud** installed on **PF1.060** on a **monthly** basis to confirm that the **enclosure/shroud** is in place and functioning properly. If the **enclosure/shroud** is in disrepair, the Permittee shall initiate corrective action within 24 hours and complete corrective action as expeditiously as practical to ensure that the **enclosure/shroud** is functioning properly. The Permittee must record each inspection of the **enclosure/shroud**, including the date of each inspection and any corrective actions taken.

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System 35 - Hot Water Boiler (Revised June 2025, Air Case 12438)		Location UTM (Zone 11, NAD 83)	
		m North	m East
S2.007	6.0 MMBtu, Natural Gas, Hot Water Boiler	4,522,037	606,618

1. Air Pollution Control Equipment (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)
  - a. **S2.007** has no add-on controls.
  - b. Descriptive Stack Parameters  
Stack Height: 40.0 feet  
Stack Diameter: 2.0 feet  
Stack Temperature: 70 °F  
Exhaust Flow: 1,773 dry standard cubic feet per minute (dscfm)
2. Operating Parameters (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)
  - a. **S2.007** may consume only **natural gas**.
  - b. The maximum allowable consumption rate for **S2.007** shall not exceed **5,882.4** scf (standard cubic feet) of **natural gas** per any one-hour period averaged over a daily basis, nor more than **17,647,058.8** scf per year.
  - c. Hours
    - (1) **S2.007** may operate a total of **17** hours per day.
    - (2) **S2.007** may operate a total of **3,000** hours per year.
    - (3) **S2.007** may operate from **7 AM to 5 PM only**, during the months of **October through March**.
    - (4) **S2.007** may operate from **4 AM to 9 PM only**, during the months of **April through September**.
3. Emission Limits (NAC 445B.305, NAC 445B.346(1), NAC 445B. 22017) (*Federally Enforceable SIP Requirement*)

The Permittee, upon issuance of this operating permit, shall not discharge or cause the discharge into the atmosphere from **S2.007** the following pollutants in excess of the following specified limits:

  - a. The discharge of **PM** (particulate matter) to the atmosphere shall not exceed **0.045** pounds per hour, nor more than **0.067** tons per year.
  - b. The discharge of **PM<sub>10</sub>** (particulate matter less than or equal to 10 microns in diameter) to the atmosphere shall not exceed **0.034** pounds per hour, nor more than **0.050** tons per year.
  - c. The discharge of **PM<sub>2.5</sub>** (particulate matter less than or equal to 2.5 microns in diameter) to the atmosphere shall not exceed **0.011** pounds per hour, nor more than **0.017** tons per year.
  - d. The discharge of **SO<sub>2</sub>** (sulfur dioxide) to the atmosphere shall not exceed **0.0035** pounds per hour, nor more than **0.0053** tons per year.
  - e. The discharge of **NO<sub>x</sub>** (oxides of nitrogen) to the atmosphere shall not exceed **0.59** pounds per hour, nor more than **0.88** tons per year.
  - f. The discharge of **CO** (carbon monoxide) to the atmosphere shall not exceed **0.49** pounds per hour, nor more than **0.74** tons per year.
  - g. The discharge of **VOCs** (volatile organic compounds) to the atmosphere shall not exceed **0.032** pounds per hour, nor more than **0.049** tons per year.
  - h. The opacity from **S2.007** shall not equal or exceed **20** percent.



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**Section V. Specific Operating Conditions (continued)**

**AI. Emission Unit S2.007 (continued)**

4. Monitoring and Recordkeeping (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)

The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate.

- a. Monitor and record the times at which operations start and stop as well as the total daily hours of operation for **S2.007** on a daily basis.
- b. Monitor and record the consumption rate of **natural gas** on a daily basis for **S2.007** (in **scf**) by multiplying the maximum hourly fuel consumption rate as stated in **AI.2.b** of this section and the total daily hours of operation.
- c. Record the monthly hours of operation, and the corresponding annual hours of operation for the year. The monthly hours of operation shall be determined at the end of each month as the sum of daily hours of operation for each day of the month. The annual hours of operation shall be determined as the sum of the monthly hours of operation for the year.

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System 36 - Concrete Plant Diesel Generator (Revised June 2025, Air Case 12438)		Location UTM (Zone 11, NAD 83)	
		m North	m East
S2.008	972 hp Diesel Generator CP1-G1, Manufactured by Caterpillar, Manufactured: 2008	4,522,374	607,093

1. Air Pollution Control Equipment (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)
  - a. **S2.008** has no add-on controls.
  - b. Descriptive Stack Parameters  
Stack Height: 15.0 feet  
Stack Diameter: 1.00 feet  
Stack Temperature: 900.0 °F
2. Operating Parameters (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)
  - a. **S2.008** may consume only **diesel**.
  - b. The maximum allowable fuel consumption rate for **S2.008** shall not exceed **40 gallons** per any one-hour period.
  - c. Hours
    - (1) **S2.008** may operate a total of **17** hours per day.
    - (2) **S2.008** may operate a total of **3,000** hours per year.
    - (3) **S2.008** may operate from **7 AM to 5 PM only**, during the months of **October through March**.
    - (4) **S2.008** may operate from **4 AM to 9 PM only**, during the months of **April through September**.
3. Emission Limits (NAC 445B.305, NAC 445B.346(1), NAC 445B. 22017) (*Federally Enforceable SIP Requirement*)

The Permittee, upon issuance of this operating permit, shall not discharge or cause the discharge into the atmosphere from **S2.008** the following pollutants in excess of the following specified limits:

  - a. The discharge of **PM** (particulate matter) to the atmosphere shall not exceed **0.16** pounds per hour, nor more than **0.24** tons per year.
  - b. The discharge of **PM<sub>10</sub>** (particulate matter less than or equal to 10 microns in diameter) to the atmosphere shall not exceed **0.16** pounds per hour, nor more than **0.24** tons per year.
  - c. The discharge of **PM<sub>2.5</sub>** (particulate matter less than or equal to 2.5 microns in diameter) to the atmosphere shall not exceed **0.16** pounds per hour, nor more than **0.24** tons per year.
  - d. The discharge of **SO<sub>2</sub>** (sulfur dioxide) to the atmosphere shall not exceed **0.39** pounds per hour, nor more than **0.59** tons per year.
  - e. The discharge of **NO<sub>x</sub>** (oxides of nitrogen) to the atmosphere shall not exceed **5.60** pounds per hour, nor more than **8.40** tons per year.
  - f. The discharge of **CO** (carbon monoxide) to the atmosphere shall not exceed **5.60** pounds per hour, nor more than **8.40** tons per year.
  - g. The discharge of **VOCs** (volatile organic compounds) to the atmosphere shall not exceed **0.64** pounds per hour, nor more than **0.96** tons per year.
  - h. The opacity from **S2.008** shall not equal or exceed **20** percent.



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**Section V. Specific Operating Conditions (continued)**

**AJ. Emission Unit S2.008 (continued)**

4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)

The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate.

- a. Monitor and record the times at which operations start and stop as well as the total daily hours of operation for **S2.008**.
- b. Monitor and record the consumption rate of **diesel** on a daily basis for **S2.008** (in **gallons**) by multiplying the maximum hourly fuel consumption rate as stated in **AJ.2.b** of this section and the total daily hours of operation.
- c. Monitor and record the total yearly hours of operation of **S2.008** per year. The annual hours of operation shall be determined at the end of each month as the sum of the monthly hours of operation for all previous months of that year.
- d. The Permittee, upon issuance of this operating permit, shall maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative. (40 CFR 60.7(b))

5. Federal Requirements (NAC 445B.346(2), NAC 445B.252(1)) (*Federally Enforceable SIP Requirement*)

New Source Performance Standards (NSPS) – 40 CFR Part 60 Subpart IIII – Standards of Performance for Stationary Compression Ignition Internal Combustion Engines

a. Emissions Standards (40 CFR 60.4204)

The Permittee must comply with the emission standards for new non-road CI (compression ignition) ICE (internal combustion engine) in 40 CFR 60.4201, for all pollutants, for the same model year and maximum engine power for their 2007 model year and later non-emergency stationary CI ICE. (40 CFR 60.4204(b))

- (1) For a 2008 model year and later Tier 4 non-road engine with a rated power 560<kW<900: (40 CFR 60.4201(a), 40 CFR 1039 Table 7)

- (a) The discharge of PM to the atmosphere shall not exceed **0.10** grams/kW-hr (**0.16** pounds per hour).
- (b) The discharge of CO to the atmosphere shall not exceed **3.5** grams/kW-hr (**5.59** pounds per hour).
- (c) The discharge of NMHC (non-methane hydrocarbon) to the atmosphere shall not exceed **0.40** grams/kW-hr (**0.64** pounds per hour).
- (d) The discharge of NO<sub>x</sub> to the atmosphere shall not exceed **3.5** grams/kW-hr (**5.59** pounds per hour).

- (2) Exhaust opacity from CI non-road engines must not exceed: (40 CFR 60.4201(a), 40 CFR 1039.105(b))

- (a) 20 percent during the acceleration mode;
- (b) 15 percent during the lugging mode; and
- (c) 50 percent during the peaks in either the acceleration or lugging modes.

b. Fuel requirements (40 CFR 60.4207)

The Permittee must meet the following diesel requirements for non-road engine: (40 CFR 60.4207, 40 CFR 1090.305)

- (1) Sulfur content to be 15 parts per million (ppm) maximum.
- (2) A minimum cetane index of 40; or
- (3) A maximum aromatic content of 35 volume percent.

c. Monitoring requirements (40 CFR 60.4209(b))

If your engine is equipped with a diesel particulate filter:

- (1) The Permittee of a stationary CI internal combustion engine equipped with a diesel particulate filter to comply with the emission standards in §60.4204, the diesel particulate filter must be installed with a backpressure monitor that notifies the owner or operator when the high backpressure limit of the engine is approached.





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**Section V. Specific Operating Conditions (continued)**

**AJ. Emission Unit S2.008 (continued)**

5. Federal Requirements (NAC 445B.346(2), NAC 445B.252(1)) (*Federally Enforceable SIP Requirement*)  
New Source Performance Standards (NSPS) – 40 CFR Part 60 Subpart IIII – Standards of Performance for Stationary Compression Ignition Internal Combustion Engines (continued)
  - d. Compliance Requirements (40 CFR 60.4206, 40 CFR 60.4211)
    - (1) The Permittee must operate and maintain stationary CI ICE that achieve the emission standards as required in 40 CFR 60.4204 over the entire life of the engine. (40 CFR 60.4206)
    - (2) The Permittee must operate and maintain the stationary CI internal combustion engine and control device according to the manufacturer's emission-related written instructions; change only those emission-related settings that are permitted by the manufacturer; and meet the requirements of 40 CFR Part 89 except as permitted in **AJ.5.d.(3)** of this section. (40 CFR 60.4211(a))
    - (3) If the Permittee does not install, configure, operate, and maintain the Permittee's engine and control device according to the manufacturer's emission-related written instructions, or the Permittee change emission-related settings in a way that is not permitted by the manufacturer, the Permittee must demonstrate compliance as follows: (40 CFR 60.4211(g))
      - (a) For CI ICE greater than 500 hp, the Permittee must keep a maintenance plan and records of conducted maintenance and must, to the extent practicable, maintain and operate the engine in a manner consistent with good air pollution control practice for minimizing emissions. In addition, the Permittee must conduct an initial performance test to demonstrate compliance with the applicable emission standards within 1 year of startup, or within 1 year after an engine and control device is no longer installed, configured, operated, and maintained in accordance with the manufacturer's emission-related written instructions, or within 1 year after the Permittee change emission-related settings in a way that is not permitted by the manufacturer. The Permittee must conduct subsequent performance testing every 8,760 hours of engine operation or 3 years, whichever comes first, thereafter to demonstrate compliance with the applicable emission standards. (40 CFR 60.4211(g)(3))
  - e. National Emission Standards for Hazardous Air Pollutants for Source Categories – 40 CFR Part 63, Subpart ZZZZ – Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines:  
If the compression ignition engine meets the requirements of 40 CFR Part 60 Subpart IIII, 40 CFR Part 63 Subpart ZZZZ requirements are also met. (40 CFR Part 63.6590(c))

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System 37 - Wash Plant: Triple Deck Screen		Location UTM (Zone 11, NAD 83)	
		m North	m East
PF1.061	Triple Deck Screen AG1-WPSC1 and Associated Transfers (In: Conveyor AG1-C5; Out: Conveyors AG1-C28, AG1-C29, and AG1-C30)	4,522,389	607,051

1. Air Pollution Control Equipment (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)  
Emissions from **PF1.061** shall be controlled by **full saturation**.
2. Operating Parameters (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)
  - a. The maximum allowable throughput rate for **PF1.061** shall not exceed **550.0** tons of **sand and gravel** per any one-hour period averaged over a daily basis, nor more than **350,000.0** tons per year.
  - b. Hours
    - (1) **PF1.061** may operate a total of **18** hours per day.
    - (2) **PF1.061** may operate a total of **6,570** hours per year.
    - (3) **PF1.061** may operate from **7 AM to 5 PM only**, during the months of **January through March and October through December**.
    - (4) **PF1.061** may operate from **3 AM to 9 PM only**, during the months of **April through September**.
3. Emission Limits (NAC 445B.305, NAC 445B.346(1), NAC 445B.22017) (*Federally Enforceable SIP Requirement*)  
The Permittee, upon issuance of this operating permit, shall not discharge or cause the discharge into the atmosphere from **PF1.061** the following pollutants in excess of the following specified limits:
  - a. The discharge of **PM** (particulate matter) to the atmosphere shall not exceed **0.00** pounds per hour, nor more than **0.00** tons per year.
  - b. The discharge of **PM<sub>10</sub>** (particulate matter less than or equal to 10 microns in diameter) to the atmosphere shall not exceed **0.00** pounds per hour, nor more than **0.00** tons per year.
  - c. The discharge of **PM<sub>2.5</sub>** (particulate matter less than or equal to 2.5 microns in diameter) to the atmosphere shall not exceed **0.00** pounds per hour, nor more than **0.00** tons per year.
  - d. The opacity from **PF1.061** shall not equal or exceed **0** percent.
4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)  
The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate.
  - a. Monitor and record the throughput for **PF1.061** on a daily basis.
  - b. Monitor and record the times at which operations start and stop as well as the total daily hours of operation for **PF1.061**.
  - c. Record the corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate shall be determined from the total daily throughput and the total daily hours of operation.
  - d. Monitor and record the total yearly throughput rate in tons per year. The annual throughput shall be determined as the sum of the monthly throughput rates for the year for all previous months of that year.
  - e. Monitor and record the total yearly hours of operation per year. The annual hours of operation shall be determined as the sum of the monthly hours of operation for all previous months of that year.



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**Issued to:** STAKER AND PARSON COMPANIES – ELKO FACILITY (AS PERMITTEE)

**Section V. Specific Operating Conditions (continued)**

**AK. Emission Unit PF1.061 (continued)**

4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*) (continued)  
The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate. (continued)
  - f. Conduct and record an observation of visible emissions (excluding water vapor) on **PF1.061** on a **monthly** basis while operating. The observer shall stand at a distance sufficient to provide a clear view of the emissions with the sun oriented to their back. If visible emissions are observed and exceed the applicable opacity standard, the Permittee shall take immediate corrective action. The Permittee shall maintain in a contemporaneous log the following recordkeeping: the calendar date of any required monitoring, results of the monthly observation of visible emissions, and any corrective actions taken.

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System 38 - Wash Plant: Product Stockpiles		Location UTM (Zone 11, NAD 83)	
		m North	m East
PF1.062	Conveyor AG1-C28 Transfer to Stockpile AG1-SP5	4,522,403	607,065
PF1.065	Conveyor AG1-C29 Transfer to Stockpile AG1-SP6	4,522,407	607,050
PF1.066	Conveyor AG1-C30 Transfer to Stockpile AG1-SP7	4,522,403	607,036

1. Air Pollution Control Equipment (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)  
Emissions from **PF1.062, PF1.065, and PF1.066, each**, shall be controlled by **full saturation**.
2. Operating Parameters (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)
  - a. The maximum allowable throughput rate for **PF1.062** shall not exceed **550.0** tons of **sand and gravel** per any one-hour period averaged over a daily basis, nor more than **210,000.0** tons per year.
  - b. The maximum allowable throughput rate for **PF1.065** shall not exceed **550.0** tons of **sand and gravel** per any one-hour period averaged over a daily basis, nor more than **87,500.0** tons per year.
  - c. The maximum allowable throughput rate for **PF1.066** shall not exceed **550.0** tons of **sand and gravel** per any one-hour period averaged over a daily basis, nor more than **52,500.0** tons per year.
  - d. Hours
    - (1) **PF1.062, PF1.065, and PF1.066, each**, may operate a total of **18** hours per day.
    - (2) **PF1.062, PF1.065, and PF1.066, each**, may operate a total of **6,570** hours per year.
    - (3) **PF1.062, PF1.065, and PF1.066, each**, may operate from **7 AM to 5 PM only**, during the months of **January through March and October through December**.
    - (4) **PF1.062, PF1.065, and PF1.066, each**, may operate from **3 AM to 9 PM only**, during the months of **April through September**.
3. Emission Limits (NAC 445B.305, NAC 445B.346(1), NAC 445B.22017) (*Federally Enforceable SIP Requirement*)  
The Permittee, upon issuance of this operating permit, shall not discharge or cause the discharge into the atmosphere from **PF1.062, PF1.065, and PF1.066, each**, the following pollutants in excess of the following specified limits:
  - a. The discharge of **PM** (particulate matter) to the atmosphere shall not exceed **0.00** pounds per hour, nor more than **0.00** tons per year.
  - b. The discharge of **PM<sub>10</sub>** (particulate matter less than or equal to 10 microns in diameter) to the atmosphere shall not exceed **0.00** pounds per hour, nor more than **0.00** tons per year.
  - c. The discharge of **PM<sub>2.5</sub>** (particulate matter less than or equal to 2.5 microns in diameter) to the atmosphere shall not exceed **0.00** pounds per hour, nor more than **0.00** tons per year.
  - d. The opacity from **PF1.062, PF1.065, and PF1.066, each**, shall not equal or exceed **0** percent.
4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)  
The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate.
  - a. Monitor and record the throughput for **PF1.062, PF1.065, and PF1.066, each**, on a daily basis.
  - b. Monitor and record the times at which operations start and stop as well as the total daily hours of operation for **PF1.062, PF1.065, and PF1.066, each**.
  - c. Record the corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate shall be determined from the total daily throughput and the total daily hours of operation.
  - d. Monitor and record the total yearly throughput rate in tons per year. The annual throughput shall be determined as the sum of the monthly throughput rates for the year for all previous months of that year.



**Issued to:** STAKER AND PARSON COMPANIES – ELKO FACILITY (AS PERMITTEE)

**Section V. Specific Operating Conditions (continued)**

**AL. Emission Units PF1.062, PF1.065, and PF1.066 (continued)**

4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*) (continued)  
The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate. (continued)
  - e. Monitor and record the total yearly hours of operation per year. The annual hours of operation shall be determined as the sum of the monthly hours of operation for all previous months of that year.
  - f. Conduct and record an observation of visible emissions (excluding water vapor) on **PF1.062, PF1.065, and PF1.066, each**, on a **monthly** basis while operating. The observer shall stand at a distance sufficient to provide a clear view of the emissions with the sun oriented to their back. If visible emissions are observed and exceed the applicable opacity standard, the Permittee shall take immediate corrective action. The Permittee shall maintain in a contemporaneous log the following recordkeeping: the calendar date of any required monitoring, results of the monthly observation of visible emissions, and any corrective actions taken.



**Bureau of Air Pollution Control****Facility ID No. A0426****Permit No. AP1442-2351.03****CLASS II AIR QUALITY OPERATING PERMIT****Issued to:** STAKER AND PARSON COMPANIES – ELKO FACILITY (AS PERMITTEE)**Section V. Specific Operating Conditions (continued)****AM. Emission Unit PF1.067**

System 39 - Recycled Asphalt Processing		Location UTM (Zone 11, NAD 83)	
		m North	m East
PF1.067	Loader Transfer of RAP to Feeder AG2-FD	4,522,309	606,828

1. Air Pollution Control Equipment (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)  
**PF1.067** has no add-on controls.
2. Operating Parameters (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)
  - a. The maximum allowable throughput rate for **PF1.067** shall not exceed **400.0** tons of **RAP** per any one-hour period averaged over a daily basis, nor more than **150,000.0** tons per year.
  - b. Hours
    - (1) **PF1.067** may operate a total of **16** hours per day.
    - (2) **PF1.067** may operate a total of **5,840** hours per year.
    - (3) **PF1.067** may operate from **6 AM to 10 PM only**.
3. Emission Limits (NAC 445B.305, NAC 445B.346(1), NAC 445B.22017) (*Federally Enforceable SIP Requirement*)  
The Permittee, upon issuance of this operating permit, shall not discharge or cause the discharge into the atmosphere from **PF1.067** the following pollutants in excess of the following specified limits:
  - a. The discharge of **PM** (particulate matter) to the atmosphere shall not exceed **1.20** pounds per hour, nor more than **0.23** tons per year.
  - b. The discharge of **PM<sub>10</sub>** (particulate matter less than or equal to 10 microns in diameter) to the atmosphere shall not exceed **0.44** pounds per hour, nor more than **0.083** tons per year.
  - c. The discharge of **PM<sub>2.5</sub>** (particulate matter less than or equal to 2.5 microns in diameter) to the atmosphere shall not exceed **0.068** pounds per hour, nor more than **0.013** tons per year.
  - d. The opacity from **PF1.067** shall not equal or exceed **20** percent.
4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)  
The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate.
  - a. Monitor and record the throughput for **PF1.067** on a daily basis.
  - b. Monitor and record the times at which operations start and stop as well as the total daily hours of operation for **PF1.067**.
  - c. Record the corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate shall be determined from the total daily throughput and the total daily hours of operation.
  - d. Monitor and record the total yearly throughput rate in tons per year. The annual throughput shall be determined as the sum of the monthly throughput rates for the year for all previous months of that year.
  - e. Monitor and record the total yearly hours of operation per year. The annual hours of operation shall be determined as the sum of the monthly hours of operation for all previous months of that year.

**Bureau of Air Pollution Control****Facility ID No. A0426****Permit No. AP1442-2351.03****CLASS II AIR QUALITY OPERATING PERMIT****Issued to:** STAKER AND PARSON COMPANIES – ELKO FACILITY (AS PERMITTEE)**Section V. Specific Operating Conditions (continued)****AN. Emission Unit PF1.068**

System 40 - Recycled Asphalt Processing Crushing		Location UTM (Zone 11, NAD 83)	
		m North	m East
PF1.068	Impact Crusher and Associated Transfers (In: Feeder AG2-FD and Conveyor AG2-C1; Out: Conveyor AG2-C2)	4,522,309	606,819

1. Air Pollution Control Equipment (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)  
Emissions from **PF1.068** shall be controlled by **water sprays**.
2. Operating Parameters (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)
  - a. The maximum allowable throughput rate for **PF1.068** shall not exceed **400.0** tons of **RAP** per any one-hour period averaged over a daily basis, nor more than **150,000.0** tons per year.
  - b. Hours
    - (1) **PF1.068** may operate a total of **16** hours per day.
    - (2) **PF1.068** may operate a total of **5,840** hours per year.
    - (3) **PF1.068** may operate from **6 AM to 10 PM only**.
3. Emission Limits (NAC 445B.305, NAC 445B.346(1), NAC 445B.22017) (*Federally Enforceable SIP Requirement*)  
The Permittee, upon issuance of this operating permit, shall not discharge or cause the discharge into the atmosphere from **PF1.068** the following pollutants in excess of the following specified limits:
  - a. The discharge of **PM** (particulate matter) to the atmosphere shall not exceed **0.54** pounds per hour, nor more than **0.10** tons per year.
  - b. The discharge of **PM<sub>10</sub>** (particulate matter less than or equal to 10 microns in diameter) to the atmosphere shall not exceed **0.24** pounds per hour, nor more than **0.045** tons per year.
  - c. The discharge of **PM<sub>2.5</sub>** (particulate matter less than or equal to 2.5 microns in diameter) to the atmosphere shall not exceed **0.040** pounds per hour, nor more than **0.0075** tons per year.
4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)  
The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate.
  - a. Monitor and record the throughput for **PF1.068** on a daily basis.
  - b. Monitor and record the times at which operations start and stop as well as the total daily hours of operation for **PF1.068**.
  - c. Record the corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate shall be determined from the total daily throughput and the total daily hours of operation.
  - d. Monitor and record the total yearly throughput rate in tons per year. The annual throughput shall be determined as the sum of the monthly throughput rates for the year for all previous months of that year.
  - e. Monitor and record the total yearly hours of operation per year. The annual hours of operation shall be determined as the sum of the monthly hours of operation for all previous months of that year.
  - f. Conduct and record an observation of visible emissions (excluding water vapor) on the **water sprays** controlling **PF1.068** on a **monthly** basis while operating. The observer shall stand at a distance sufficient to provide a clear view of the emissions with the sun oriented to their back. If visible emissions are observed and exceed the applicable opacity standard, the Permittee shall take immediate corrective action. The Permittee shall maintain in a contemporaneous log the following recordkeeping: the calendar date of any required monitoring, results of the monthly observation of visible emissions, and any corrective actions taken.



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**Issued to:** STAKER AND PARSON COMPANIES – ELKO FACILITY (AS PERMITTEE)

**Section V. Specific Operating Conditions (continued)**

**AN. Emission Unit PF1.068 (continued)**

4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*) (continued)  
The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate. (continued)
  - g. The Permittee of any affected facility that uses wet suppression to control emissions from the affected facility must perform **monthly** periodic inspections to check that water is flowing to discharge spray nozzles in the wet suppression system. The Permittee must initiate corrective action within 24 hours and complete corrective action as expediently as practical if the Permittee finds that water is not flowing properly during an inspection of the water spray nozzles. The Permittee must record each inspection of the water spray nozzles, including the date of each inspection and any corrective actions taken.
5. Federal Requirements (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)  
New Source Performance Standards (NSPS) – 40 CFR Part 60 Subpart OOO – Standards of Performance for Nonmetallic Mineral Processing Plants (40 CFR Part 60.670)
  - a. On and after the sixtieth day after achieving the maximum production rate at which **PF1.068** will be operated, but not later than 180 days after initial startup, the Permittee shall not discharge or cause the discharge into the atmosphere, the following pollutants in excess of the following specified limits:
    - (1) Process fugitive emissions from **PF1.068** will not exceed **12 percent** opacity. (40 CFR Part 60.672(b))
    - (2) The opacity standard set forth in this part shall apply at all times except during period of startup, shutdown, and malfunction. (40 CFR 60.11(c))
  - b. The owner or operator of any affected facility for which construction, modification, or reconstruction commenced on or after April 22, 2008, that uses wet suppression to control emissions from the affected facility must perform monthly periodic inspections to check that water is flowing to discharge spray nozzles in the wet suppression system. The owner or operator must initiate corrective action within 24 hours and complete corrective action as expediently as practical if the owner or operator finds that water is not flowing properly during an inspection of the water spray nozzles. The owner or operator must record each inspection of the water spray nozzles, including the date of each inspection and any corrective actions taken, in the logbook required under 40 CFR 60.676(b). (40 CFR 60.674(b))
  - c. Notifications and reports required under this subpart and under subpart A of this part to demonstrate compliance with this subpart need only to be sent to the EPA Region or the State which has been delegated authority according to 40 CFR 60.4(b). (40 CFR 60.676(k))
  - d. At all times, including periods of startup, shutdown, and malfunction, Permittee shall, to the extent practicable, maintain and operate **PF1.068** including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. (40 CFR Part 60.11(d))

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System 41 - Recycled Asphalt Processing Screening		Location UTM (Zone 11, NAD 83)	
		m North	m East
PF1.069	Screen and Associated Transfers (In: Feeder AG2-C2; Out: Conveyor AG2-C1 and AG2-C3)	4,522,307	606,812

1. Air Pollution Control Equipment (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)  
Emissions from **PF1.069** shall be controlled by **water sprays**.
2. Operating Parameters (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)
  - a. The maximum allowable throughput rate for **PF1.069** shall not exceed **400.0** tons of **RAP** per any one-hour period averaged over a daily basis, nor more than **150,000.0** tons per year.
  - b. Hours
    - (1) **PF1.069** may operate a total of **16** hours per day.
    - (2) **PF1.069** may operate a total of **5,840** hours per year.
    - (3) **PF1.069** may operate from **6 AM to 10 PM only**.
3. Emission Limits (NAC 445B.305, NAC 445B.346(1), NAC 445B.22017) (*Federally Enforceable SIP Requirement*)  
The Permittee, upon issuance of this operating permit, shall not discharge or cause the discharge into the atmosphere from **PF1.069** the following pollutants in excess of the following specified limits:
  - a. The discharge of **PM** (particulate matter) to the atmosphere shall not exceed **2.50** pounds per hour, nor more than **0.47** tons per year.
  - b. The discharge of **PM<sub>10</sub>** (particulate matter less than or equal to 10 microns in diameter) to the atmosphere shall not exceed **0.87** pounds per hour, nor more than **0.16** tons per year.
  - c. The discharge of **PM<sub>2.5</sub>** (particulate matter less than or equal to 2.5 microns in diameter) to the atmosphere shall not exceed **0.13** pounds per hour, nor more than **0.024** tons per year.
4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)  
The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate.
  - a. Monitor and record the throughput for **PF1.069** on a daily basis.
  - b. Monitor and record the times at which operations start and stop as well as the total daily hours of operation for **PF1.069**.
  - c. Record the corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate shall be determined from the total daily throughput and the total daily hours of operation.
  - d. Monitor and record the total yearly throughput rate in tons per year. The annual throughput shall be determined as the sum of the monthly throughput rates for the year for all previous months of that year.
  - e. Monitor and record the total yearly hours of operation per year. The annual hours of operation shall be determined as the sum of the monthly hours of operation for all previous months of that year.
  - f. Conduct and record an observation of visible emissions (excluding water vapor) on the **water sprays** controlling **PF1.069** on a **monthly** basis while operating. The observer shall stand at a distance sufficient to provide a clear view of the emissions with the sun oriented to their back. If visible emissions are observed and exceed the applicable opacity standard, the Permittee shall take immediate corrective action. The Permittee shall maintain in a contemporaneous log the following recordkeeping: the calendar date of any required monitoring, results of the monthly observation of visible emissions, and any corrective actions taken.



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**CLASS II AIR QUALITY OPERATING PERMIT**

**Issued to:** STAKER AND PARSON COMPANIES – ELKO FACILITY (AS PERMITTEE)

**Section V. Specific Operating Conditions (continued)**

**AO. Emission Unit PF1.069 (continued)**

4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*) (continued)  
The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate. (continued)
  - g. The Permittee of any affected facility that uses wet suppression to control emissions from the affected facility must perform **monthly** periodic inspections to check that water is flowing to discharge spray nozzles in the wet suppression system. The Permittee must initiate corrective action within 24 hours and complete corrective action as expediently as practical if the Permittee finds that water is not flowing properly during an inspection of the water spray nozzles. The Permittee must record each inspection of the water spray nozzles, including the date of each inspection and any corrective actions taken.
5. Federal Requirements (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)  
New Source Performance Standards (NSPS) – 40 CFR Part 60 Subpart OOO – Standards of Performance for Nonmetallic Mineral Processing Plants (40 CFR Part 60.670)
  - a. On and after the sixtieth day after achieving the maximum production rate at which **PF1.069** will be operated, but not later than 180 days after initial startup, the Permittee shall not discharge or cause the discharge into the atmosphere, the following pollutants in excess of the following specified limits:
    - (1) Process fugitive emissions from **PF1.069** will not exceed **7 percent** opacity. (40 CFR Part 60.672(b))
    - (2) The opacity standard set forth in this part shall apply at all times except during period of startup, shutdown, and malfunction. (40 CFR 60.11(c))
  - b. The owner or operator of any affected facility for which construction, modification, or reconstruction commenced on or after April 22, 2008, that uses wet suppression to control emissions from the affected facility must perform monthly periodic inspections to check that water is flowing to discharge spray nozzles in the wet suppression system. The owner or operator must initiate corrective action within 24 hours and complete corrective action as expediently as practical if the owner or operator finds that water is not flowing properly during an inspection of the water spray nozzles. The owner or operator must record each inspection of the water spray nozzles, including the date of each inspection and any corrective actions taken, in the logbook required under 40 CFR 60.676(b). (40 CFR 60.674(b))
  - c. Notifications and reports required under this subpart and under subpart A of this part to demonstrate compliance with this subpart need only to be sent to the EPA Region or the State which has been delegated authority according to 40 CFR 60.4(b). (40 CFR 60.676(k))
  - d. At all times, including periods of startup, shutdown, and malfunction, Permittee shall, to the extent practicable, maintain and operate **PF1.069** including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. (40 CFR Part 60.11(d))



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System 42 - Recycled Asphalt Processing Stockpile		Location UTM (Zone 11, NAD 83)	
		m North	m East
PF1.070	Conveyor AG2-C3 Transfer to Stockpile	4,522,306	606,800

1. Air Pollution Control Equipment (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)  
Emissions from **PF1.070** shall be controlled by **water sprays**.
2. Operating Parameters (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)
  - a. The maximum allowable throughput rate for **PF1.070** shall not exceed **400.0** tons of **sand, gravel, and RAP** per any one-hour period averaged over a daily basis, nor more than **150,000.0** tons per year.
  - b. Hours
    - (1) **PF1.070** may operate a total of **16** hours per day.
    - (2) **PF1.070** may operate a total of **5,840** hours per year.
    - (3) **PF1.070** may operate from **6 AM to 10 PM only**.
3. Emission Limits (NAC 445B.305, NAC 445B.346(1), NAC 445B.22017) (*Federally Enforceable SIP Requirement*)  
The Permittee, upon issuance of this operating permit, shall not discharge or cause the discharge into the atmosphere from **PF1.070** the following pollutants in excess of the following specified limits:
  - a. The discharge of **PM** (particulate matter) to the atmosphere shall not exceed **0.30** pounds per hour, nor more than **0.056** tons per year.
  - b. The discharge of **PM<sub>10</sub>** (particulate matter less than or equal to 10 microns in diameter) to the atmosphere shall not exceed **0.11** pounds per hour, nor more than **0.021** tons per year.
  - c. The discharge of **PM<sub>2.5</sub>** (particulate matter less than or equal to 2.5 microns in diameter) to the atmosphere shall not exceed **0.017** pounds per hour, nor more than **0.0032** tons per year.
  - d. The opacity from **PF1.070** shall not equal or exceed **20** percent.
4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)  
The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate.
  - a. Monitor and record the throughput for **PF1.070** on a daily basis.
  - b. Monitor and record the times at which operations start and stop as well as the total daily hours of operation for **PF1.070**.
  - c. Record the corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate shall be determined from the total daily throughput and the total daily hours of operation.
  - d. Monitor and record the total yearly throughput rate in tons per year. The annual throughput shall be determined as the sum of the monthly throughput rates for the year for all previous months of that year.
  - e. Monitor and record the total yearly hours of operation per year. The annual hours of operation shall be determined as the sum of the monthly hours of operation for all previous months of that year.
  - f. Conduct and record an observation of visible emissions (excluding water vapor) on the **water sprays** controlling **PF1.070** on a **monthly** basis while operating. The observer shall stand at a distance sufficient to provide a clear view of the emissions with the sun oriented to their back. If visible emissions are observed and exceed the applicable opacity standard, the Permittee shall take immediate corrective action. The Permittee shall maintain in a contemporaneous log the following recordkeeping: the calendar date of any required monitoring, results of the monthly observation of visible emissions, and any corrective actions taken.



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**CLASS II AIR QUALITY OPERATING PERMIT**

**Issued to:** STAKER AND PARSON COMPANIES – ELKO FACILITY (AS PERMITTEE)

**Section V. Specific Operating Conditions (continued)**

**AP. Emission Unit PF1.070 (continued)**

4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*) (continued)  
The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate. (continued)
  - g. The Permittee of any affected facility that uses wet suppression to control emissions from the affected facility must perform **monthly** periodic inspections to check that water is flowing to discharge spray nozzles in the wet suppression system. The Permittee must initiate corrective action within 24 hours and complete corrective action as expediently as practical if the Permittee finds that water is not flowing properly during an inspection of the water spray nozzles. The Permittee must record each inspection of the water spray nozzles, including the date of each inspection and any corrective actions taken.

**Bureau of Air Pollution Control****Facility ID No. A0426****Permit No. AP1442-2351.03****CLASS II AIR QUALITY OPERATING PERMIT****Issued to:** STAKER AND PARSON COMPANIES – ELKO FACILITY (AS PERMITTEE)**Section V. Specific Operating Conditions (continued)****AQ. Emission Unit S2.009**

System 43 - Gasoline Tank		Location UTM (Zone 11, NAD 83)	
		m North	m East
S2.009	1,050 Gallon Gasoline Tank	4,522,214	606,664

1. Air Pollution Control Equipment (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)
  - a. **S2.009** shall be controlled by **submerged fill**.
  - b. Descriptive Tank Parameters  
Shell Diameter: 3.83 feet  
Shell Height: 12.08 feet  
Capacity: 1,050 gallons
2. Operating Parameters (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)
  - a. **S2.009** shall only be used to store **gasoline**.
  - b. The maximum allowable throughput rate for **S2.009** shall not exceed **525.0** gallons per month, nor more than **6,300.0** gallons per year.
  - c. Hours  
**S2.009** may operate a total of **24** hours per day.
3. Emission Limits (NAC 445B.305, NAC 445B.346(1), NAC 445B. 22017) (*Federally Enforceable SIP Requirement*)

The Permittee, upon issuance of this operating permit, shall not discharge or cause the discharge into the atmosphere from **S2.009** the following pollutants in excess of the following specified limits:

  - a. The discharge of **VOCs** (volatile organic compounds) to the atmosphere shall not exceed **0.16** tons per year.
  - b. The opacity from **S2.009** shall not equal or exceed **20** percent.
4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)

The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate.

  - a. Monitor and record the throughput of gasoline, in gallons, loaded into, or dispensed from, **S2.009**, on a monthly basis, as determined from vendor invoices for tank loading or fuel pump non-resettable meter for tank dispensing.
  - b. Monitor and record the total yearly throughput rate in gallons per year. The annual throughput shall be determined at the end of each month as the sum of the monthly throughput rates for the year for all previous months of that year.
5. Federal Requirements (NAC 445B.346(2), NAC 445B.252(1)) (*Federally Enforceable SIP Requirement*)  
National Emission Standards for Hazardous Air Pollutants (NESHAP) – 40 CFR Part 63 Subpart CCCCCC – for Gasoline Dispensing Facilities
  - a. Permittee must, at all times, operate and maintain any affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. Determination of whether such operation and maintenance procedures are being used will be based on information available to the Administrator which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source. (40 CFR 63.11115)



**Bureau of Air Pollution Control**

**Facility ID No. A0426**

**Permit No. AP1442-2351.03**

**CLASS II AIR QUALITY OPERATING PERMIT**

**Issued to:** STAKER AND PARSON COMPANIES – ELKO FACILITY (AS PERMITTEE)

**Section V. Specific Operating Conditions (continued)**

**AQ. Emission Unit S2.009 (continued)**

- 5 Federal Requirements (NAC 445B.346(2), NAC 445B.252(1)) (*Federally Enforceable SIP Requirement*)  
National Emission Standards for Hazardous Air Pollutants (NESHAP) – 40 CFR Part 63 Subpart CCCCCC – for Gasoline Dispensing Facilities (continued)
  - b. Permittee must not allow gasoline to be handled in a manner that would result in vapor releases to the atmosphere for extended periods of time. Measures to be taken include, but are not limited to, the following:
    - (1) Minimize gasoline spills. (40 CFR 63.11116(a)(1)).
    - (2) Clean up spills as expeditiously as practicable. (40 CFR 63.11116(a)(2))
    - (3) Cover all open gasoline containers and all gasoline storage tank fill-pipes with a gasketed seal when not in use. (40 CFR 63.11116(a)(3)).
    - (4) Minimize gasoline sent to open waste collection systems that collect and transport gasoline to reclamation and recycling devices, such as oil/water separators. (40 CFR 63.11116(a)(4))
  - c. Permittee must have records available within 24 hours of a request by the Administrator to document your gasoline throughput. (40 CFR 63.11116(b))

**\*\*\*\*End of Specific Operating Conditions\*\*\*\***



**Issued to:** STAKER AND PARSON COMPANIES – ELKO FACILITY (AS PERMITTEE)

**Section VI. Emission Caps**

A. Not Applicable

**\*\*\*End of Emission Caps\*\*\***





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**Section VII. Surface Area Disturbance Conditions**

The surface area disturbance for **Elko Facility** is **46** acres.

**A. Fugitive Dust (NAC 445B.22037) (*Federally Enforceable SIP Requirement*)**

1. No person may cause or permit the handling, transporting or storing of any material in a manner which allows or may allow controllable particulate matter to become airborne.
2. Except as otherwise provided in subsection 4, no person may cause or permit the construction, repair, demolition, or use of unpaved or untreated areas without first putting into effect an ongoing program using the best practical methods to prevent particulate matter from becoming airborne. As used in this subsection, “best practical methods” includes, but is not limited to, paving, chemical stabilization, watering, phased construction and revegetation.
3. Except as otherwise provided in subsection 4, no person may disturb or cover 5 acres or more of land or its topsoil until he has obtained an operating permit for surface area disturbance to clear, excavate, or level the land or to deposit any foreign material to fill or cover the land.
4. The provisions of subsections 2 and 3 do not apply to:
  - a. Agricultural activities occurring on agricultural land; or
  - b. Surface disturbances authorized by a permit issued pursuant to NRS 519A.180 which occur on land which is not less than 5 acres or more than 20 acres.

**\*\*\*\*End of Surface Area Disturbance Conditions\*\*\*\***



**Issued to:** STAKER AND PARSON COMPANIES – ELKO FACILITY (AS PERMITTEE)

**Section VIII. Schedules of Compliance**

A. Not Applicable

**\*\*\*\*End of Schedule of Compliance \*\*\*\***



**Bureau of Air Pollution Control**

**Facility ID No. A0426**

**Permit No. AP1442-2351.03**

**CLASS II AIR QUALITY OPERATING PERMIT**

**Issued to:** STAKER AND PARSON COMPANIES – ELKO FACILITY (AS PERMITTEE)

**Section IX. Amendments**

**May 2025 - Air Case 12438**

- System 28 (S2.003) Revised – hot oil heater replaced. New fuel type consumption and MMBtu rating.
- PF1.001 through PF1.060, S2.001, S2.002, and S2.004 through S2.008 – hour of operation restrictions modified (overall decrease in hours per day)

**This permit:**

1. Is non-transferable. (NAC 445B.287.3) (*Federally Enforceable SIP Requirement*)
2. Will be posted conspicuously at or near the stationary source. (NAC 445B.318.5) (*Federally Enforceable SIP Requirement*)
3. Will expire and be subject to renewal five (5) years from: February 20, 2023 .  
(NAC 445B.315) (*Federally Enforceable SIP Requirement*)
4. A completed application for renewal of an operating permit must be submitted to the Director on the form provided by him with the appropriate fee at least 70 calendar days before the expiration date of this operating permit. (NAC 445B.3473.2) (*Federally Enforceable SIP Requirement*)
5. Any person aggrieved by a final decision of the Department may, not later than 10 days after notice of the action of the Department, appeal the decision by filing a request for a hearing before the Commission on a form 3\* with the State Environmental Commission, 901 South Stewart Street, Suite 4001, Carson City, Nevada 89701-5249.  
\*(See adopting agency for form.) (NAC 445B.890) (*State Only Requirement*)

**THIS PERMIT EXPIRES ON:** February 20, 2028

**Signature:** \_\_\_\_\_

**Issued by:** Shantell Davis  
Supervisor, Permitting Branch  
Bureau of Air Pollution Control

**Phone:** (775) 687- 9549

**Date:** **Date**

bkk    sd    sd    dp  
11/22   04/23   08/24   08/25

## Class II Insignificant Activities List

Appended to Permit #AP1442-2351.03

Emission Unit #	Emission Unit Description
IA1.001	3,050 Gallon Diesel Storage Tank
IA1.002	500 Gallon Diesel Storage Tank
IA1.003	Reserved
IA1.004	10,000 Gallon Diesel Storage Tank
IA1.005	17,620 Gallon Asphalt Cement Storage Tank
IA1.006	14,193 Gallon Asphalt Cement Storage Tank
IA1.007	19,108 Gallon Asphalt Cement Storage Tank