September 1st, 2023

Randy Weimer
Stillwater Mining Company
2562 Nye Road
Nye, MT 59061

Sent via email: RWeimer@sibanyestillwater.com

RE: Final Title V Operating Permit #OP2459-11

Dear Mr. Weimer:

DEQ prepared this Final Operating Permit #OP2459-11, for Stillwater Mining Company, located in Section 36, Township 4 South, Range 15 East; Sections 29 and 30, Township 4 South, Range 16 East; Section 31, Township 4 South, Range 16 East; Section 14, Township 5 South, Range 14 East; Sections 1, 2, 10, 11, 15, 16, 21, 22, and 23, Township 5 South, Range 15 East and Section 20, Township 5 South, Range 16 East in Stillwater County, Montana.

If you have any questions, contact Tim Gauthier, the permit writer, at (406) 444-2467 or by email at Timothy.Gauthier@mt.gov.

Sincerely,

Julie A. Merkel
Permitting Services Section Supervisor
Air Quality Bureau
(406) 444-3626

Tim Gauthier
Air Quality Engineering Scientist
Air Quality Bureau
(406) 444-2467

ec: Branch Chief, Air Permitting and Monitoring Branch, US EPA Region VIII 8ARD-PM
Adam Eisele, US EPA Region VIII, Montana Office
Robert Gallagher, US EPA Region VIII, Montana Office

Montana Department of Environmental Quality
Air, Energy & Mining Division
Air Quality Bureau

AIR QUALITY OPERATING PERMIT #OP2459-11

Issued to: **Stillwater Mining Company**
Nye Mine
2562 Nye Road
Nye, MT 59061

Final/Effective Date:	**08/31/2023**
Expiration Date:	**08/31/2028**
Complete Renewal Application Due:	**03/01/2028**
Draft Issue Date:	05/12/2023
Proposed Issue Date:	06/13/2023
End of EPA 45-day Review:	07/28/2023
Date of Decision:	07/31/2023
Renewal Application Received:	04/20/2023
Application Deemed Substantively Complete:	04/20/2023
Application Deemed Administratively Complete:	04/20/2023

AFS Number: 030-095-0001A

Permit Issuance and Appeal Processes: DEQ issues this permit as effective and final on August 31st, 2023. This permit must be kept at the facility or a DEQ-approved location (Montana Code Annotated (MCA) Sections 75-2-217 and 218, Administrative Rules of Montana (ARM), ARM Title 17, Chapter 8, Subchapter 12, Operating Permit Program).

Terms not otherwise defined in this permit or in the Definitions and Abbreviations Appendix - B of this permit have the meaning assigned to them in the referenced regulations.

SECTION I. GENERAL INFORMATION

The following general information is provided pursuant to ARM 17.8.1210(1).

Company Name: Stillwater Mining Company

Mailing Address: 2562 Nye Road

City: Nye **State:** Montana **Zip Code:** 59061

Plant Location: Section 36, Township 4 South, Range 15 East; Sections 29 and 30, Township 4 South, Range 16 East; Section 31, Township 4 South, Range 16 East; Section 14, Township 5 South, Range 14 East; Sections 1, 2, 10, 11, 15, 16, 21, 22, and 23, Township 5 South, Range 15 East and Section 20, Township 5 South, Range 16 East in Stillwater County, Montana

Responsible Official: Randy Weimer

Facility Contact Person: Jennifer Lane

Primary SIC Code: 1099 - Miscellaneous Metal Ores

Nature of Business: Underground platinum/palladium mining and milling operation

Description of Process: The Stillwater Mine is located in Stillwater County near Nye, Montana. The facility is an underground platinum/palladium (platinum group metals) mine. The operation includes ore and waste excavation, crushing, conveying, grinding, flotation concentration, fabric filtration, and tailings disposal. The concentrate is trucked to Stillwater Mining Company's Metallurgical Complex for further processing.

SECTION II. SUMMARY OF EMISSION UNITS

The emission units regulated by this permit are the following (ARM 17.8.1211):

Emission Unit ID	Description	Pollution Control Device/Practice
EU001	Mine Ventilation Exhaust	NA
EU002	Crushing Ore (Surface)	Water Spray and/or Chemical Dust Suppressant as Necessary; Fabric Filter Baghouse
EU003	Load & Dump; Coarse Ore into Crusher Hopper	Water Spray and/or Chemical Dust Suppressant as Necessary
EU004	Load & Dump; Course Ore into Mill Hopper	Water Spray and/or Chemical Dust Suppressant as Necessary
EU005	Conveying System Transfer Points	Water Spray and/or Chemical Dust Suppressant as Necessary
EU006	Load & Dump Waste Rock	Water Spray and/or Chemical Dust Suppressant as Necessary
EU007	Disturbed Areas	Water Spray and/or Chemical Dust Suppressant as Necessary; Re-Vegetation
EU008	Haul Roads	Water Spray and/or Chemical Dust Suppressant as Necessary
EU009	Diesel Use	Ultra-Low Sulfur Diesel
EU011	Paste Plant Emergency Flush Pump Diesel-Fired Engine	500 Hour Annual Operational Limit; Emergency/Back-Up Operation Only
EU012	Concrete Batch Plant Operations	Water Spray and/or Chemical Dust Suppressant as Necessary; Enclosure and Fabric Filtration
EU015	Soda Ash Silo Bin Vent	Fabric Filter Baghouse
EU016	Propane Combustion from Portal Heaters, Space Heaters, Line Heaters and Other Combustion Sources	Good combustion practices
EU017	Shaft Emergency Diesel-Fired Generator Engine	500 Hour Annual Operational Limit Emergency/Back-Up Operation Only
EU019	Benbow Diesel-Fired Generator Engine(s)	EPA Interim Tier 4 Certified Engine
EU022	Emergency Fire Water Pump Diesel-Fired Engine	500 Hour Annual Operational Limit Emergency/Back-Up Operation Only
EU023	Gasoline Dispensing	Best Practices
EU024	EPA Tier II Diesel Engine Capacity (up to 4.8 million horsepower-hours (hp-hr)	EPA Tier II minimum certification
EU025	Portable Crusher/Screener & Conveyor Transfer Point (up to 500 tons per hour (TPH))	Water Spray and/or Chemical Dust Suppressant as Necessary; Fabric Filter Baghouse
EU026	REMOVED	
EU027	Concentrate Loadout Facility	40 CFR 60 Subpart LL

SECTION III. PERMIT CONDITIONS

The following requirements and conditions are applicable to the facility or to specific emission units located at the facility (ARM 17.8.1211, 1212, and 1213).

A. Facility-Wide

Conditions	Rule Citation	Rule Description	Pollutant/Parameter	Limit
A.1	ARM 17.8.105	Testing Requirements	Testing Requirements	-------
A.2	ARM 17.8.304(1)	Visible Air Contaminants	Opacity	40%
A.3	ARM 17.8.304(2)	Visible Air Contaminants	Opacity	20%
A.4	ARM 17.8.308(1)	Particulate Matter, Airborne	Fugitive Opacity	20%
A.5	ARM 17.8.308(2)	Particulate Matter, Airborne	Reasonable Precautions	-------
A.6	ARM 17.8.308	Particulate Matter, Airborne	Reasonable Precaution, Construction and Demolition	20%
A.7	ARM 17.8.309	Particulate Matter, Fuel Burning Equipment	Particulate Matter	$E= 0.882 * H^{-0.1664}$ or $E= 1.026 * H^{-0.233}$
A.8	ARM 17.8.310	Particulate Matter, Industrial Processes	Particulate Matter	$E= 4.10 * P^{0.67}$ or $E= 55 * P^{0.11} - 40$
A.9	ARM 17.8.322(4)	Sulfur Oxide Emissions, Sulfur in Fuel	Sulfur in Fuel (liquid or solid fuels)	1 lb/MMBtu fired
A.10	ARM 17.8.322(5)	Sulfur Oxide Emissions, Sulfur in Fuel	Sulfur in Fuel (gaseous)	50 gr/100 CF
A.11	ARM 17.8.324(3)	Hydrocarbon Emissions, Petroleum Products	Gasoline Storage Tanks	-------
A.12	ARM 17.8.324	Hydrocarbon Emissions, Petroleum Products	65,000 Gallon Capacity	-------
A.13	ARM 17.8.324	Hydrocarbon Emissions, Petroleum Products	Oil-effluent Water Separator	-------
A.14	ARM 17.8.342	NESHAPs General Provisions	SSM Plans	Submittal
A.15	ARM 17.8.1211(1)(c) and 40 CFR Part 98	Greenhouse Gas Reporting	Reporting	-------
A.16	ARM 17.8.1212	Reporting Requirements	Prompt Deviation Reporting	-------
A.17	ARM 17.8.1212	Reporting Requirements	Compliance Monitoring	-------
A.18	ARM 17.8.1207	Reporting Requirements	Annual Certification	-------

Conditions

A.1. Pursuant to ARM 17.8.105, any person or persons responsible for the emission of any air contaminant into the outdoor atmosphere shall, upon written request of DEQ, provide the facilities and necessary equipment (including instruments and sensing devices) and shall conduct tests,

emission or ambient, for such periods of time as may be necessary using methods approved by DEQ.

Compliance demonstration frequencies that list "as required by DEQ" refer to ARM 17.8.105. In addition, for such sources, compliance with limits and conditions listing "as required by DEQ" as the frequency, is verified annually using emission factors and engineering calculations by DEQ's compliance inspectors during the annual emission inventory review; in the case of Method 9 tests, compliance is monitored during the regular inspection by the compliance inspector.

A.2. Pursuant to ARM 17.8.304(1), SMC shall not cause or authorize emissions to be discharged into the outdoor atmosphere from any source installed on or before November 23, 1968, that exhibit an opacity of 40% or greater averaged over 6 consecutive minutes, unless otherwise specified by rule or in this permit.

A.3. Pursuant to ARM 17.8.304(2), SMC shall not cause or authorize emissions to be discharged into the outdoor atmosphere from any source installed after November 23, 1968, that exhibit an opacity of 20% or greater averaged over 6 consecutive minutes, unless otherwise specified by rule or in this permit.

A.4. Pursuant to ARM 17.8.308(1), SMC shall not cause or authorize the production, handling, transportation, or storage of any material unless reasonable precautions to control emissions of particulate matter are taken. Such emissions of airborne particulate matter from any stationary source shall not exhibit an opacity of 20% or greater averaged over 6 consecutive minutes, unless otherwise specified by rule or in this permit.

A.5. Pursuant to ARM 17.8.308(2), SMC shall not cause or authorize the use of any street, road, or parking lot without taking reasonable precautions to control emissions of airborne particulate matter, unless otherwise specified by rule or in this permit.

A.6. Pursuant to ARM 17.8.308, SMC shall not operate a construction site or demolition project unless reasonable precautions are taken to control emissions of airborne particulate matter. Such emissions of airborne particulate matter from any stationary source shall not exhibit an opacity of 20% or greater averaged over 6 consecutive minutes, unless otherwise specified by rule or in this permit.

A.7. Pursuant to ARM 17.8.309, unless otherwise specified by rule or in this permit, SMC shall not cause or authorize particulate matter caused by the combustion of fuel to be discharged from any stack or chimney into the outdoor atmosphere in excess of the maximum allowable emissions of particulate

matter for existing fuel burning equipment and new fuel burning equipment calculated using the following equations:

For existing fuel burning equipment (installed before November 23, 1968):
$E = 0.882 * H^{-0.1664}$

For new fuel burning equipment (installed on or after November 23, 1968):
$E = 1.026 * H^{-0.233}$

Where H is the heat input capacity in million British thermal units (MMBtu) per hour and E is the maximum allowable particulate emissions rate in pounds per MMBtu.

A.8. Pursuant to ARM 17.8.310, unless otherwise specified by rule or in this permit, SMC shall not cause or authorize particulate matter to be discharged from any operation, process, or activity into the outdoor atmosphere in excess of the maximum hourly allowable emissions of particulate matter calculated using the following equations:

For process weight rates up to 30 tons per hour: $E = 4.10 * P^{0.67}$
For process weight rates in excess of 30 tons per hour: $E = 55.0 * P^{0.11} - 40$

Where E = rate of emissions in pounds per hour and P = process weight rate in tons per hour.

A.9. Pursuant to ARM 17.8.322(4), SMC shall not burn liquid or solid fuels containing sulfur in excess of 1 pound per million BTU fired, unless otherwise specified by rule or in this permit.

A.10. Pursuant to ARM 17.8.322(5), SMC shall not burn any gaseous fuel containing sulfur compounds in excess of 50 grains per 100 cubic feet of gaseous fuel, calculated as hydrogen sulfide (H_2S) at standard conditions, unless otherwise specified by rule or in this permit.

A.11. Pursuant to ARM 17.8.324(3), SMC shall not load or permit the loading of gasoline into any stationary tank with a capacity of 250 gallons or more from any tank truck or trailer, except through a permanent submerged fill pipe, unless such tank is equipped with a vapor loss control device or is a pressure tank as described in ARM 17.8.324(1), unless otherwise specified by rule or in this permit.

A.12. Pursuant to ARM 17.8.324, unless otherwise specified by rule or in this permit, SMC shall not place, store or hold in any stationary tank, reservoir or other container of more than 65,000 gallon capacity any crude oil, gasoline or petroleum distillate having a vapor pressure of 2.5 pounds per square inch absolute (psia) or greater under actual storage conditions, unless such tank, reservoir or other container is a pressure tank maintaining working pressure sufficient at all times to prevent hydrocarbon vapor or gas loss to the atmosphere, or is designed and equipped with a vapor loss control device, properly installed, in good working order and in operation.

A.13. Pursuant to ARM 17.8.324, unless otherwise specified by rule or in this permit, SMC shall not use any compartment of any single or multiple-compartment oil-effluent water separator, which compartment receives effluent water containing 200 gallons a day or more of any petroleum product from any equipment processing, refining, treating, storing or handling kerosene or other petroleum product of equal or greater volatility than kerosene, unless such compartment is equipped with a

vapor loss control device, constructed so as to prevent emission of hydrocarbon vapors to the atmosphere, properly installed, in good working order and in operation.

A.14. Pursuant to ARM 17.8.342 and 40 CFR Part 63.6, SMC shall submit to DEQ a copy of any startup, shutdown, and malfunction (SSM) plan required under 40 CFR 63.6(e)(3) within 30 days of the effective date of this operating permit (if not previously submitted), within 30 days of the compliance date of any new National Emission Standard for Hazardous Air Pollutants (NESHAPs) or Maximum Achievable Control Technology (MACT) standard, and within 30 days of the revision of any such SSM plan, when applicable. DEQ requests submittal of such plans in electronic form, when possible.

A.15. Pursuant to ARM 17.8.1211(1)(c) and 40 CFR Part 98, SMC shall comply with the requirements of 40 CFR Part 98 – Mandatory Greenhouse Gas Reporting, as applicable (ARM 17.8.1211(1)(c), NOT an applicable requirement under Title V).

A.16. SMC shall promptly report deviations from permit requirements including those attributable to upset conditions, as upset is defined in the permit. To be considered prompt, deviations shall be reported to DEQ using the schedule and content as described in Section V.E (unless otherwise specified in an applicable requirement) (ARM 17.8.1212).

A.17. On or before February 15 and August 15 of each year, SMC shall submit to DEQ the compliance monitoring reports required by Section V.D. These reports must contain all information required by Section V.D, as well as the information required by each individual emissions unit. For the reports due by February 15 of each year, SMC may submit a single report, if it contains all the information required by Sections V.B & V.D. Per ARM 17.8.1207,

> *any application form, report, or compliance certification submitted pursuant to ARM Title 17, Chapter 8, Subchapter 12 (including semiannual monitoring reports), shall contain certification by a responsible official of truth, accuracy, and completeness. This certification and any other certification required under ARM Title 17, Chapter 8, Subchapter 12, shall state that,* ***"based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate and complete."***

A.18. By February 15 of each year, SMC shall submit to DEQ the compliance certification required by Section V.B. The annual certification required by Section V.B must include a statement of compliance based on the information available, which identifies any observed, documented or otherwise known instance of noncompliance for each applicable requirement. Per ARM 17.8.1207,

> *any application form, report, or compliance certification submitted pursuant to ARM Title 17, Chapter 8, Subchapter 12 (including annual certifications), shall contain certification by a responsible official of truth, accuracy, and completeness. This certification and any other certification required under ARM Title 17, Chapter 8, Subchapter 12, shall state that,* ***"based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate and complete."***

B. EU001a & EU001b – Mine Ventilation Exhaust (Including Gaseous Emissions from Underground Blasting)

Condition(s)	Pollutant/Parameter	Permit Limit	Compliance Demonstration		Reporting Requirements
			Method	Frequency	
B.1, B.2, B.3, B.4, B.5, B.6, B.7	Opacity	20%	Method 9	Semiannual	Semiannual
			Visual Surveys	Weekly	

Conditions

B.1. SMC shall not cause or authorize emissions from the mine ventilation exhaust to be discharged into the outdoor atmosphere that exhibit an opacity of 20% or greater averaged over 6 consecutive minutes (ARM 17.8.304(2)).

Compliance Demonstration

B.2. SMC shall conduct either a semiannual Method 9 source test or a weekly visual survey of visible emissions on the Mine Ventilation Exhaust. Under the visual survey option, once per calendar week, during daylight hours, SMC shall visually survey the affected emitting unit(s) for any visible emissions. If visible emissions are observed during the visual survey, SMC must conduct a Method 9 source test. The Method 9 source test must begin within one hour of any observation of visible emissions. If visible emissions meet or exceed 15% opacity based on the Method 9 source test, SMC shall immediately take corrective action to contain or minimize the source of emissions. If corrective actions are taken, then SMC shall immediately conduct a subsequent visual survey (and subsequent Method 9 source test if visible emissions remain) to monitor compliance. The person conducting the visual survey shall record the results of the survey (including the results of any Method 9 source test performed) in a log, including any corrective action taken. Conducting a visual survey does not relieve SMC of the liability for a violation determined using Method 9.

If the visual surveys are not performed once per calendar week as specified above during the reporting period, then SMC shall perform the Method 9 source tests on the listed emitting unit(s) for that reporting period.

Method 9 source tests must be performed in accordance with the Montana Source Test Protocol and Procedures Manual, except that prior notification of the test is not required. Each observation period must be a minimum of 6 minutes unless any one reading is 20% or greater, then the observation period must be a minimum of 20 minutes or until a violation of the standard has been documented, whichever is a shorter period (ARM 17.8.101(27) and ARM 17.8.1213).

Recordkeeping

B.3. If visual surveys are performed, SMC shall maintain a log to verify that the visual surveys were performed as specified in Section III.B.2. Each log entry must include the date, time, results of survey (and results of subsequent Method 9, if applicable), and observer's initials. If any corrective

action is required, the time, date, observer's initials, and any preventive or corrective action taken must be recorded in the log (ARM 17.8.1212).

B.4. All source test recordkeeping shall be performed in accordance with Montana Source Test Protocol and Procedures Manual (ARM 17.8.106 and ARM 17.8.1212).

Reporting

B.5. Any compliance source test reports must be submitted in accordance with the Montana Source Test Protocol and Procedures Manual and shall be maintained on site or under the facility's control (ARM 17.8.106 and ARM 17.8.1212).

B.6. The annual compliance certification required by Section V.B must contain a certification statement for the above applicable requirements (ARM 17.8.1212).

B.7. The semiannual monitoring report shall provide (ARM 17.8.1212):

a. A summary of any source testing that was performed during the semiannual period;

b. A summary of the log maintained as required in Section III.B.3; and

c. A summary of any exceedance or deviation from a limit or requirement established within Section III.B.

C. EU002 – Crushing Ore (Surface); EU003 – Crusher Load-Out Hopper; EU004 – Mill Load-Out Hopper, EU005 – Conveying System Transfer Points, EU027 Concentrator Loadout Facility.

Condition(s)	Pollutant/Parameter	Permit Limit	Compliance Demonstration		Reporting Requirements
			Method	Frequency	
C.1, C.4, C.5, C.10, C.13, C.16, C.17, C.18, C.19	Particulate Matter	0.05 grams per dry standard cubic meter (g/dscm) or 0.022 grains per dry standard cubic foot (gr/dscf)	Method 5	As Required by DEQ and Section III.A.1	Semiannual
			Baghouse Operation and Maintenance	Whenever process equipment is operating	
C.1, C.5, C.7, C.10, C.11, C.13, C.16, C.17, C.18, C.19	Opacity	7% (stack/point source)	Method 9	Semiannual	
			Visual Surveys	Weekly	
			Baghouse Operation and Maintenance	Whenever process equipment is operating	
C.1, C.6, C.7, C.10, C.11, C.14, C.16, C.17, C.18, C.19	Opacity	10% (fugitive source)	Method 9	Semiannual	
			Visual Surveys	Weekly	
C.2, C.8, C.12, C.17, C.18, C.19	Mine Production and Milling Rate Limit	1,825,000 ton/yr and/or 5,000 tons/day	Recordkeeping	Ongoing	
C.3, C.9, C.15, C.17, C.18, C.19	40 CFR 60, Subpart LL	40 CFR 60, Subpart LL	40 CFR 60, Subpart LL	40 CFR 60, Subpart LL	40 CFR 60, Subpart LL

Conditions

C.1. SMC shall comply with all applicable standards, limitations, and the reporting, record keeping, and notification requirements of 40 Code of Federal Regulation (CFR) 60, Subpart LL – Standards of Performance for Metallic Mineral Processing Plants which include, but are not limited to, the following (ARM 17.8.340, ARM 17.8.752, and 40 CFR Part 60, Subpart LL):

a. SMC shall not cause or authorize to be discharged into the outdoor atmosphere from the surface Nordberg cone crusher, surface jaw crusher, crusher load-out hopper(s), mill load-out hopper, the above-ground conveying system(s), and concentrator loadout facility dust collectors, particulate matter in excess of 0.05 gram per dry standard cubic meter or 0.022 grains per dry standard cubic foot (gr/dscf);

b. SMC shall not cause or authorize to be discharged into the outdoor atmosphere from the surface Nordberg cone crusher, surface jaw crusher, crusher load-out hopper(s), mill load-out hopper, the above-ground conveying system(s), and concentrator loadout facility dust collectors, any stack/point source emissions that exhibits an opacity of 7% or greater averaged over 6 consecutive minutes; and

c. SMC shall not cause or authorize to be discharged into the atmosphere from the surface Nordberg cone crusher, surface jaw crusher, crusher load-out hopper(s), mill load-out hopper,

and the above-ground conveying system, any process fugitive emissions that exhibit greater than 10% opacity averaged over 6 consecutive minutes.

C.2. Mine production and milling rates shall not exceed 1,825,000 tons during any rolling 12-month period or 5,000 tons per day (ARM 17.8.749).

C.3. SMC shall comply with all applicable standards and limitations, test methods and procedures, and the reporting, recordkeeping and notification requirements contained in 40 CFR Part 60, Subpart LL – Standards of Performance for Metallic Mineral Processing Plants (ARM 17.8.340, and 40 CFR Part 60, Subpart LL).

Compliance Demonstration

C.4. As required by DEQ and Section III.A.1, SMC shall perform a Method 5 source test to monitor compliance with the emission limitations in Section III.C.1. The test shall be conducted in accordance with the Montana Source Test Protocol and Procedures Manual (ARM 17.8.106).

C.5. SMC shall install and operate a fabric filter baghouse to control particulate emissions from the surface Nordberg cone crusher. SMC shall inspect and maintain the fabric filter baghouse to ensure proper operation of the baghouse (ARM 17.8.1213).

C.6. Water and/or chemical dust suppressant shall be available on site and used, as necessary, to maintain compliance with the opacity limitations for process fugitive emissions in Section III.C.1 (ARM 17.8.752).

C.7. SMC shall conduct either a semiannual Method 9 source test or a weekly visual survey of visible emissions on the primary crusher loading/unloading, crusher and mill load-out hoppers, all material transfer points associated with the primary crusher, and any other affected source(s). Under the visual survey option, once per calendar week, during daylight hours, SMC shall visually survey the affected emitting unit(s) listed for any visible emissions. If visible emissions are observed during the visual survey, SMC must conduct a Method 9 source test. The Method 9 source test must begin within one hour of any observation of visible emissions. If visible emissions meet or exceed an applicable opacity standard based on the Method 9 source test, SMC shall immediately take corrective action to contain or minimize the source of emissions. If corrective actions are taken, then SMC shall immediately conduct a subsequent visual survey (and subsequent Method 9 source test if visible emissions remain) to monitor compliance. The person conducting the visual survey shall record the results of the survey (including the results of any Method 9 source test performed) in a log, including any corrective action taken. Conducting a visual survey does not relieve SMC of the liability for a violation determined using Method 9.

If the visual surveys are not performed once per calendar week as specified above during the reporting period, then SMC shall perform the Method 9 source tests on the affected emitting unit(s) for that reporting period.

Method 9 source tests must be performed in accordance with the Montana Source Test Protocol and Procedures Manual, except that prior notification of the test is not required. Each observation period must be a minimum of 6 minutes unless any one reading is equal or greater than an applicable opacity standard, then the observation period must be a minimum of 20 minutes or until a violation

of the standard has been documented, whichever is a shorter period (ARM 17.8.101(27) and ARM 17.8.1213).

C.8. SMC shall record daily mine production and milling rates to demonstrate compliance with the requirements of Section III.C.2 (ARM 17.8.1213).

C.9. SMC shall comply with all applicable monitoring and compliance requirements of 40 CFR 60, Subpart LL (ARM 17.8.340 and 40 CFR 60, Subpart LL).

Recordkeeping

C.10. All source test recordkeeping shall be performed in accordance with the Montana Source Test Protocol and Procedures Manual (ARM 17.8.106 and ARM 17.8.1212).

C.11. If visual surveys are performed, SMC shall maintain a log to verify that the visual surveys were performed as specified in Section III.C.7. Each log entry must include the date, time, results of survey (and results of subsequent Method 9, if applicable), and observer's initials. If any corrective action is required, the time, date, observer's initials, and any preventive or corrective action taken must be recorded in the log (ARM 17.8.1212).

C.12. SMC shall maintain a production and milling rate log. The log shall include mine production and milling rates on a daily and rolling 12-month basis and include the initials of the documenting personnel (ARM 17.8.1212).

C.13. SMC shall maintain on site, a log of all maintenance, repair and corrective action performed on the fabric filter baghouse. The log shall include, but is not limited to, the identification of the enclosure or baghouse, the date of the maintenance and/or corrective action, the name(s) of repair personnel, description of the maintenance activity and the item(s) repaired or replaced. The log shall be available to DEQ for inspection and must be submitted to DEQ upon request (ARM 17.8.1212).

C.14. SMC shall maintain a log indicating water and/or chemical dust suppressant availability and use for monitoring compliance with process fugitive emissions limitations (ARM 17.8.1212).

C.15. SMC shall comply with the applicable recordkeeping requirements of 40 CFR Part 60, Subparts LL (ARM 17.8.340 and 40 CFR 60, Subpart LL).

Reporting

C.16. All compliance source test reports shall be submitted in accordance with the Montana Source Test Protocol and Procedures Manual (ARM 17.8.106 and ARM 17.8.1212).

C.17. SMC shall meet the applicable reporting and notification requirements of 40 CFR 60, Subpart LL (ARM 17.8.1212 and 40 CFR Part 60, Subpart LL).

C.18. The annual compliance certification required by Section V.B must contain a certification statement for the above applicable requirements (ARM 17.8.1212).

C.19. The semiannual monitoring report shall provide (ARM 17.8.1212):

a. A summary of the results of any source testing conducted during the reporting period;

b. A summary of the logs required within Sections III.C.11 through III.C.14; and

c. A summary of any exceedance or deviation from a limit or requirement established within Section III.C.

D. EU006 – Load & Dump Waste Rock

Condition(s)	Pollutant/Parameter	Permit Limit	Compliance Demonstration		Reporting Requirements
			Method	Frequency	
D.1, D.4, D.6, D.7, D.9, D.10, D.11	Opacity	20%	Method 9	Semiannual	Semiannual
			Visual Surveys	Weekly	
D.2, D.5, D.8, D.10, D.11	Mitigation Measures	Tailings Storage Area: Control Installation	Normal Operation and Maintenance	As Required by DEQ	
D.3, D.5, D.8, D.10, D.11	Mitigation Measures	East-Side Waste Rock Storage Area: Control Installation	Normal Operation and Maintenance	As Required by DEQ	

Conditions

D.1. SMC shall not cause or authorize emissions from the tailings embankment/storage area to be discharged into the outdoor atmosphere that exhibit an opacity of 20% or greater averaged over 6 consecutive minutes (ARM 17.8.308).

D.2. As required by DEQ, SMC shall install a sprinkler system or provide equivalent mitigative measures to control wind-blown emissions from the tailings facilities. DEQ shall determine the necessity for the additional control measures, based on personal observation, complaints, or any combination of the above (ARM 17.8.752).

D.3. As required by DEQ, SMC shall provide mitigation measures to control wind-blown emissions from the eastside waste rock disposal area. DEQ shall determine the necessity for the additional control measures, based on personal observation, complaints, or any combination of the above (ARM 17.8.752).

Compliance Demonstration

D.4. SMC shall conduct either a semiannual Method 9 source test or a weekly visual survey of visible emissions for emitting unit(s) listed in this section. Under the visual survey option, once per calendar week, during daylight hours, SMC shall visually survey the affected emitting unit(s) listed for any visible emissions. If visible emissions are observed during the visual survey, SMC must conduct a Method 9 source test. The Method 9 source test must begin within one hour of any observation of visible emissions. If visible emissions meet or exceed 15% opacity based on the Method 9 source test, SMC shall immediately take corrective action to contain or minimize the source of emissions. If corrective actions are taken, then SMC shall immediately conduct a subsequent visual survey (and subsequent Method 9 source test if visible emissions remain) to monitor compliance. The person conducting the visual survey shall record the results of the survey (including the results of any

Method 9 source test performed) in a log, including any corrective action taken. Conducting a visual survey does not relieve SMC of the liability for a violation determined using Method 9.

If the visual surveys are not performed once per calendar week as specified above during the reporting period, then SMC shall perform the Method 9 source tests on affected emitting unit(s) for that reporting period.

Method 9 source tests must be performed in accordance with the Montana Source Test Protocol and Procedures Manual, except that prior notification of the test is not required. Each observation period must be a minimum of 6 minutes unless any one reading is 20% or greater, then the observation period must be a minimum of 20 minutes or until a violation of the standard has been documented, whichever is a shorter period (ARM 17.8.101(27) and ARM 17.8.1213).

D.5. Compliance demonstration for the mitigation measures described in Section III.D.2 and III.D.3 shall be evaluated by DEQ on a case-by-case basis (ARM 17.8.752).

Recordkeeping

D.6. All source test recordkeeping shall be performed in accordance with the Montana Source Test Protocol and Procedures Manual (ARM 17.8.106).

D.7. If visual surveys are performed, SMC shall maintain a log to verify that the visual surveys were performed as specified in Section III.D.4. Each log entry must include the date, time, results of survey (and results of subsequent Method 9, if applicable), and observer's initials. If any corrective action is required, the time, date, observer's initials, and any preventive or corrective action taken must be recorded in the log (ARM 17.8.1212).

D.8. SMC shall maintain a log on site indicating any monitoring of compliance as required by DEQ in accordance with Section III.D.5 (ARM 17.8.1212).

Reporting

D.9. All compliance source test reports shall be submitted in accordance with the Montana Source Test Protocol and Procedures Manual (ARM 17.8.106 and ARM 17.8.1212).

D.10. The annual compliance certification required by Section V.B shall contain a certification statement for the above applicable requirements (ARM 17.8.1212).

D.11. The semiannual monitoring report shall provide (ARM 17.8.1212):

a. A summary of the results of any source testing conducted during the reporting period;

b. A summary of the log maintained as required in Sections III.D.4 and III.D.5; and

c. A summary of any exceedance or deviation from a limit or requirement established within Section III.D.

E. EU007 – Disturbed Areas; EU008 – Haul Roads

Condition(s)	Pollutant/Parameter	Permit Limit	Compliance Demonstration		Reporting Requirements
			Method	Frequency	
E.1, E.4, E.6, E.7, E.9, E.10, E.11	Opacity	20%	Method 9	Semiannual	Semiannual
			Visual Surveys	Weekly	
E.2, E.5, E.8, E.10, E.11	Airborne Particulate Matter	Reasonable Precautions	Water and/or Chemical Dust Suppressant	As Necessary	
E.3, E.5, E.8, E.10, E.11	Airborne Particulate Matter	Utilize Dust Suppression Program	Water and/or Chemical Dust Suppressant	Ongoing	

Conditions

E.1. SMC shall not cause or authorize emissions to be discharged into the outdoor atmosphere from any source that exhibits an opacity of 20% or greater averaged over 6 consecutive minutes (ARM 17.8.308(1)).

E.2. SMC shall not cause or authorize the use of any street, road, or parking lot without taking reasonable precautions to control emissions of airborne particulate matter (ARM 17.8.308(2)).

E.3. SMC shall utilize a dust suppression program on all unpaved roads within the property. The necessity for additional measures on other portions of the road or the entire road will be determined by DEQ through on-site inspections, complaints, or any combination of the above (ARM 17.8.749).

Compliance Demonstration

E.4. SMC shall conduct either a semiannual Method 9 source test or a weekly visual survey of visible emissions on the emitting unit(s) listed in this section. Under the visual survey option, once per calendar week, during daylight hours, SMC shall visually survey the affected emitting unit(s) listed for any visible emissions. If visible emissions are observed during the visual survey, SMC must conduct a Method 9 source test. The Method 9 source test must begin within one hour of any observation of visible emissions. If visible emissions meet or exceed 15% opacity based on the Method 9 source test, SMC shall immediately take corrective action to contain or minimize the source of emissions. If corrective actions are taken, then SMC shall immediately conduct a subsequent visual survey (and subsequent Method 9 source test if visible emissions remain) to monitor compliance. The person conducting the visual survey shall record the results of the survey (including the results of any Method 9 source test performed) in a log, including any corrective

action taken. Conducting a visual survey does not relieve SMC of the liability for a violation determined using Method 9.

If the visual surveys are not performed once per calendar week as specified above during the reporting period, then SMC shall perform the Method 9 source tests on the affected emitting unit(s) for that reporting period.

Method 9 source tests must be performed in accordance with the Montana Source Test Protocol and Procedures Manual, except that prior notification of the test is not required. Each observation period must be a minimum of 6 minutes unless any one reading is 20% or greater, then the observation period must be a minimum of 20 minutes or until a violation of the standard has been documented, whichever is a shorter period (ARM 17.8.101(27) and ARM 17.8.1213).

E.5. SMC shall treat all unpaved portions of the access roads, parking lots, and general plant area with water and/or chemical dust suppressant as necessary and in accordance with the dust suppression program to demonstrate compliance requirements in Sections III.E.2 and III.E.3 (ARM 17.8.749).

Recordkeeping

E.6. All source test recordkeeping shall be performed in accordance with the Montana Source Test Protocol and Procedures Manual (ARM 17.8.106 and ARM 17.8.1212).

E.7. If visual surveys are performed, SMC shall maintain a log to verify that the visual surveys were performed as specified in Section III.E.4. Each log entry must include the date, time, results of survey (and results of subsequent Method 9, if applicable), and observer's initials. If any corrective action is required, the time, date, observer's initials, and any preventive or corrective action taken must be recorded in the log (ARM 17.8.1212).

E.8. SMC shall maintain, on site, a log of the reasonable precautions taken, and actions taken under the dust control program as required by Section III.E.5. Each log entry shall include the date, time, summary of action taken, and the initials of the documenting personnel (ARM 17.8.1212).

Reporting

E.9. All compliance source test reports shall be submitted in accordance with the Montana Source Test Protocol and Procedures Manual (ARM 17.8.106 and ARM 17.8.1212).

E.10. The annual compliance certification required by Section V.B shall contain a certification statement for the above applicable requirements (ARM 17.8.1212).

E.11. The semiannual monitoring report shall provide (ARM 17.8.1212):

a. A summary of the results of any source testing conducted during the reporting period;

b. A summary of the logs required within Sections III.E.7 and III.E.8; and

c. A summary of any exceedance or deviation from a limit or requirement established within Section III.E.

F. EU009 – Diesel Use; EU011 – Paste Plant Emergency Flush Pump Diesel-Fired Engine

Condition(s)	Pollutant/Parameter	Permit Limit	Compliance Demonstration		Reporting Requirements
			Method	Frequency	
F.1, F.5, F.9, F.10, F.14, F.16, F.17	Opacity	20%	Method 9	Semiannual	Semiannual
			Visual Survey	Weekly	
F.2, F.6, F.11, F.16, F.17	Paste Plant Emergency Flush Pump Emergency Diesel Engine	500 Hours Operation/12 Months	Recordkeeping	Ongoing	
F.3, F.7, F.12, F.16, F.17	Diesel Fuel Use	15 parts per million by weight (ppmw) Sulfur Content	Recordkeeping	Ongoing	
F.4, F.8, F.13, F.15, F.16, F.17	40 CFR 63, Subpart ZZZZ	40 CFR 63, Subpart ZZZZ	40 CFR 63, Subpart ZZZZ	40 CFR 63, Subpart ZZZZ	40 CFR 63, Subpart ZZZZ

Conditions

F.1. SMC shall not cause or authorize to be discharged into the atmosphere from any source, visible emissions that exhibit an opacity of 20% or greater, unless specified elsewhere in this permit (ARM 17.8.304 and ARM 17.8.752).

F.2. The Paste Plant Emergency Flush Pump Diesel-Fired Engine shall be used for emergency or back-up operations only and shall be limited to 500 hours of operation during any rolling 12-month period. Preventive maintenance activities shall be included in the 500 hours of operation during any rolling 12-month period (ARM 17.8.749).

F.3. SMC shall only use diesel fuel within all nonroad engines operating at the mining facility that is compliant with 40 CFR 80.510(c) having a sulfur content no greater than 0.0015% (15 parts per million) by weight (ARM 17.8.752 and 40 CFR 80.510).

F.4. SMC shall comply with all applicable standards, limitations and the reporting, recordkeeping, and notification requirements of 40 CFR 63, Subpart ZZZZ – National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (ARM 17.8.342 and 40 CFR 63, Subpart ZZZZ).

Compliance Demonstration

F.5. SMC shall conduct either a semiannual Method 9 source test or a weekly visual survey of visible emissions on the Paste Plant Emergency Flush Pump Diesel-Fired Engine. Under the visual survey option, once per calendar week, during daylight hours, SMC shall visually survey the affected emitting unit(s) for any visible emissions. If visible emissions are observed during the visual survey, SMC must conduct a Method 9 source test. The Method 9 source test must begin within one hour of any observation of visible emissions. If visible emissions meet or exceed 15% opacity based on the Method 9 source test, SMC shall immediately take corrective action to contain or minimize the source of emissions. If corrective actions are taken, then SMC shall immediately conduct a subsequent visual survey (and subsequent Method 9 source test if visible emissions remain) to

monitor compliance. The person conducting the visual survey shall record the results of the survey (including the results of any Method 9 source test performed) in a log, including any corrective action taken. Conducting a visual survey does not relieve SMC of the liability for a violation determined using Method 9.

If the visual surveys are not performed once per calendar week as specified above during the reporting period, then SMC shall perform the Method 9 source tests on the affected emitting unit(s) for that reporting period.

Method 9 source tests must be performed in accordance with the Montana Source Test Protocol and Procedures Manual, except that prior notification of the test is not required. Each observation period must be a minimum of 6 minutes unless any one reading is 20% or greater, then the observation period must be a minimum of 20 minutes or until a violation of the standard has been documented, whichever is a shorter period (ARM 17.8.101(27) and ARM 17.8.1213).

F.6. Compliance demonstration for the Paste Plant Emergency Flush Pump Diesel-Fired Engine hours of operation limitation contained in Section III.F.2 shall be accomplished through recordkeeping (ARM 17.8.1213).

F.7. Compliance demonstration for the diesel fuel use requirements contained in Section III.F.3 shall be accomplished through recordkeeping (ARM 17.8.1213).

F.8. SMC shall comply with all applicable compliance and monitoring requirements of 40 CFR 63, Subpart ZZZZ (ARM 17.8.342 and 40 CFR 63, Subpart ZZZZ).

Recordkeeping

F.9. All source test recordkeeping shall be performed in accordance with the Montana Source Test Protocol and Procedures Manual (ARM 17.8.106 and ARM 17.8.1212).

F.10. If visual surveys are performed, SMC shall maintain a log to verify that the visual surveys were performed as specified in Section III.F.5. Each log entry must include the date, time, results of survey (and results of subsequent Method 9, if applicable), and observer's initials. If any corrective action is required, the time, date, observer's initials, and any preventive or corrective action taken must be recorded in the log (ARM 17.8.1212).

F.11. SMC shall maintain, on site, a log of the total annual hours of operation for the Paste Plant Emergency Flush Pump emergency diesel engine as required by Section III.F.6. Each log entry shall include the date, time, reason for operation for each time the Paste Plant Emergency Flush Pump

Diesel-Fired Engine was operated, a rolling total of the hours of operation for the current month and the previous 11 months, and the initials of the documenting personnel (ARM 17.8.1212).

F.12. SMC shall maintain a log, on site, documenting any instance in which diesel fuel not meeting the requirement of Section III.F.3 was used. The record shall include date, time, duration, alternate fuel used, reason for other fuel use, and operator's initials (ARM 17.8.1212).

F.13. SMC shall comply with all applicable recordkeeping requirements of 40 CFR 63, Subpart ZZZZ (ARM 17.8.342 and 40 CFR 63, Subpart ZZZZ).

Reporting

F.14. All compliance source test reports shall be submitted in accordance with the Montana Source Test Protocol and Procedures Manual (ARM 17.8.106 and ARM 17.8.1212).

F.15. SMC shall meet the applicable reporting and notification requirements of 40 CFR 63, Subpart ZZZZ (ARM 17.8.340 and 40 CFR 63, Subpart ZZZZ).

F.16. The annual compliance certification required by Section V.B shall contain a certification statement for the above applicable requirements (ARM 17.8.1212).

F.17. The semiannual monitoring report shall provide (ARM 17.8.1212):

a. A summary of the results of any source testing conducted during the reporting period;

b. A summary of the logs required within Sections III.F.10, III.F.11 and III.F.12; and

c. A summary of any exceedance or deviation from a limit or requirement established within Section III.F.

G. EU012 – Concrete Batch Plant Operations

Condition(s)	Pollutant/Parameter	Permit Limit	Compliance Demonstration		Reporting Requirements
			Method	Frequency	
G.1, G.3, G.5, G.6, G.7, G.8, G.10, G.11, G.12	Opacity	20%	Method 9	Semiannual	Semiannual
			Visual Survey	Weekly	
			Water and /or chemical dust suppressant	As Necessary	
G.2, G.4, G.9, G.11, G.12	Enclosure with Fabric Filtration	Equip	Inspect and Maintain	ongoing	

Conditions

G.1. SMC shall not cause or authorize to be discharged into the outdoor atmosphere, from any source associated with the concrete batch plant operation, any visible emissions that exhibit an opacity of 20% or greater averaged over 6 consecutive minutes (ARM 17.8.304 and ARM 17.8.752).

G.2. The cement silo associated with the cement batch plant operation shall be enclosed with fabric filtration to control particulate emissions in the exhaust air (ARM 17.8.749).

Compliance Demonstration

G.3. Water and/or chemical dust suppressant shall be available on site and used, as necessary, to maintain compliance with the opacity limitations for concrete batch plant operations in Section III.G.1 (ARM 17.8.1213).

G.4. SMC shall maintain, inspect, and repair the silo enclosure and fabric filter to ensure proper operation of the fabric filtration to demonstrate compliance with the requirements of III.G.2 (ARM 17.8.1213).

G.5. SMC shall conduct either a semiannual Method 9 source test or a weekly visual survey of visible emissions on the Concrete Batch Plant Operations. Under the visual survey option, once per calendar week, during daylight hours, SMC shall visually survey the affected emitting unit(s) for any visible emissions. If visible emissions are observed during the visual survey, SMC must conduct a Method 9 source test. The Method 9 source test must begin within one hour of any observation of visible emissions. If visible emissions meet or exceed 15% opacity based on the Method 9 source test, SMC shall immediately take corrective action to contain or minimize the source of emissions. If corrective actions are taken, then SMC shall immediately conduct a subsequent visual survey (and subsequent Method 9 source test if visible emissions remain) to monitor compliance. The person conducting the visual survey shall record the results of the survey (including the results of any

Method 9 source test performed) in a log, including any corrective action taken. Conducting a visual survey does not relieve SMC of the liability for a violation determined using Method 9.

If the visual surveys are not performed once per calendar week as specified above during the reporting period, then SMC shall perform the Method 9 source tests on the affected emitting unit(s) for that reporting period.

Method 9 source tests must be performed in accordance with the Montana Source Test Protocol and Procedures Manual, except that prior notification of the test is not required. Each observation period must be a minimum of 6 minutes unless any one reading is 20% or greater, then the observation period must be a minimum of 20 minutes or until a violation of the standard has been documented, whichever is a shorter period (ARM 17.8.101(27) and ARM 17.8.1213).

Recordkeeping

G.6. All source test recordkeeping shall be performed in accordance with the Montana Source Test Protocol and Procedures Manual (ARM 17.8.106 and ARM 17.8.1212).

G.7. If visual surveys are performed, SMC shall maintain a log to verify that the visual surveys were performed as specified in Section III.G.5. Each log entry must include the date, time, results of survey (and results of subsequent Method 9, if applicable), and observer's initials. If any corrective action is required, the time, date, observer's initials, and any preventive or corrective action taken must be recorded in the log (ARM 17.8.1212).

G.8. SMC shall maintain a log indicating water and or chemical dust suppressant availability and use for monitoring compliance with opacity limitations (ARM 17.8.1212).

G.9. SMC shall maintain on site, a log of all maintenance, repair and corrective action performed on the enclosure and fabric filter. The log shall include, but is not limited to, the identification of the enclosure or filter, the date of the maintenance and/or corrective action, the name(s) of repair personnel, description of the maintenance activity and the item(s) repaired or replaced. The log shall be available to DEQ for inspection and must be submitted to DEQ upon request (ARM 17.8.1212).

Reporting

G.10. All compliance source test reports shall be submitted in accordance with the Montana Source Test Protocol and Procedures Manual (ARM 17.8.106 and ARM 17.8.1212).

G.11. The annual compliance certification required by Section V.B shall contain a certification statement for the above applicable requirements (ARM 17.8.1212).

G.12. The semiannual monitoring report shall provide (ARM 17.8.1212):

a. A summary of the results of any source testing conducted during the reporting period;

b. A summary of the logs required within Sections III.G.7, III.G.8, III.G.9; and

c. A summary of any exceedance or deviation from a limit or requirement established within Section III.G.

H. EU015 – Soda Ash Bin Vent

Condition(s)	Pollutant/Parameter	Permit Limit	Compliance Demonstration		Reporting Requirements
			Method	Frequency	
H.1, H.2, H.3, H.4, H.5, H.6, H.7, H.8, H.9	Opacity	20%	Method 9	Semiannual	Semiannual
			Visual Survey	Weekly	
			Equip and Maintain Fabric Filter	ongoing	

Conditions

H.1. SMC shall not cause or authorize to be discharged into the outdoor atmosphere, from any source associated with Soda Ash Bin Vent, any visible emissions that exhibit an opacity of 20% or greater averaged over 6 consecutive minutes (ARM 17.8.304 and ARM 17.8.752).

Compliance Demonstration

H.2. SMC shall equip the soda ash bin vent with an enclosure and fabric filter to demonstrate compliance with the requirements of III.H.1 (ARM 17.8.1213).

H.3. SMC shall conduct either a semiannual Method 9 source test or a weekly visual survey of visible emissions on the emitting unit(s) listing in this section. Under the visual survey option, once per calendar week, during daylight hours, SMC shall visually survey the affected emitting unit(s) for any visible emissions. If visible emissions are observed during the visual survey, SMC must conduct a Method 9 source test. The Method 9 source test must begin within one hour of any observation of visible emissions. If visible emissions meet or exceed 15% opacity based on the Method 9 source test, SMC shall immediately take corrective action to contain or minimize the source of emissions. If corrective actions are taken, then SMC shall immediately conduct a subsequent visual survey (and

subsequent Method 9 source test if visible emissions remain) to monitor compliance. The person conducting the visual survey shall record the results of the survey (including the results of any Method 9 source test performed) in a log, including any corrective action taken. Conducting a visual survey does not relieve SMC of the liability for a violation determined using Method 9.

If the visual surveys are not performed once per calendar week as specified above during the reporting period, then SMC shall perform the Method 9 source tests on the affected emitting unit(s) for that reporting period.

Method 9 source tests must be performed in accordance with the Montana Source Test Protocol and Procedures Manual, except that prior notification of the test is not required. Each observation period must be a minimum of 6 minutes unless any one reading is 20% or greater, then the observation period must be a minimum of 20 minutes or until a violation of the standard has been documented, whichever is a shorter period (ARM 17.8.101(27) and ARM 17.8.1213).

Recordkeeping

H.4. All source test recordkeeping shall be performed in accordance with the Montana Source Test Protocol and Procedures Manual (ARM 17.8.106 and ARM 17.8.1212).

H.5. If visual surveys are performed, SMC shall maintain a log to verify that the visual surveys were performed as specified in Section III.H.3. Each log entry must include the date, time, results of survey (and results of subsequent Method 9, if applicable), and observer's initials. If any corrective action is required, the time, date, observer's initials, and any preventive or corrective action taken must be recorded in the log (ARM 17.8.1212).

H.6. SMC shall maintain on site, a log of all maintenance, repair and corrective action performed on the enclosure and fabric filter. The log shall include, but is not limited to, the identification of the enclosure or filter, the date of the maintenance and/or corrective action, the name(s) of repair personnel, description of the maintenance activity and the item(s) repaired or replaced. The log shall be available to DEQ for inspection and must be submitted to DEQ upon request (ARM 17.8.1212).

Reporting

H.7. All compliance source test reports shall be submitted in accordance with the Montana Source Test Protocol and Procedures Manual (ARM 17.8.106 and ARM 17.8.1212).

H.8. The annual compliance certification required by Section V.B shall contain a certification statement for the above applicable requirements (ARM 17.8.1212).

H.9. The semiannual monitoring report shall provide (ARM 17.8.1212):

a. A summary of the results of any source testing conducted during the reporting period;
b. A summary of the logs required within Sections III.H.5 and III.H.6; and

c. A summary of any exceedance or deviation from a limit or requirement established within Section III.H.

I. EU016 – Propane Combustion from Portal Heaters, Space Heaters, Line Heaters and Other Combustion Sources

Condition(s)	Pollutant/Parameter	Permit Limit	Compliance Demonstration		Reporting Requirements
			Method	Frequency	
I.1, I.4, I.7, I.10, I.11	Opacity	20%	HD-5 or HD-10 Grade Fuel	Ongoing	Semiannual
I.2, I.5, I.8, I.11, I.12	Propane Consumption	5,000,000 Gallons/12- Month Rolling Period	Recordkeeping	On-going	
I.3, I.6, I.9, I.11, I.12	Good Combustion	Proper Operation and Maintenance	Manufacturer's Specifications	Ongoing	

Conditions

I.1. SMC shall not cause or authorize to be discharged into the atmosphere from any source, visible emissions that exhibit an opacity of 20% or greater, unless specified elsewhere in this permit (ARM 17.8.304 and ARM 17.8.752).

I.2. The total propane consumption by all combustion sources at the facility shall be limited to 5,000,000 gallons per any 12-month rolling period (ARM 17.8.749).

I.3. The propane-fired portal heater at the 5000 East Portal shall be properly operated and maintained in a manner that satisfies the manufacture's terms for the guarantee of pollutant emission rates (ARM 17.8.752).

Compliance Demonstration

I.4. Compliance with the opacity limit required in Section III.I.1 shall be satisfied by burning consumer or commercial grade propane (HD-5 or HD-10) (ARM.8.1213).

I.5. SMC shall demonstrate compliance with the 12-month rolling propane consumption requirements contained in Section III.I.2 through recordkeeping (ARM 17.8.1213).

I.6. SMC shall demonstrate compliance with the requirements contained in Section III.I.3 through proper operation and maintenance of the heater consistent with manufacturer's specifications (ARM 17.8.1213).

Recordkeeping

I.7. SMC shall maintain a log, on site, documenting any instance in which any fuel other than HD-5 or HD-10 grade propane was used in the affected combustion sources as required within Section III.I.4. The record shall include date, time, duration, alternate fuel used, reason for other fuel use, and operator's initials (ARM 17.8.1212).

I.8. SMC shall maintain a log documenting the amount of propane consumed by the combustion sources affected under this section on a rolling 12-month basis as required by Section III.I.5 (ARM 17.8.1212).

I.9. SMC shall maintain on site, a log of all maintenance, repair and corrective action performed on the 5000 East Portal Heater. The log shall include, but is not limited to, the identification of the equipment, the date of the maintenance and/or corrective action, the name(s) of repair personnel, description of the maintenance activity and the item(s) repaired or replaced. The log shall be available to DEQ for inspection and must be submitted to DEQ upon request (ARM 17.8.1212).

Reporting

I.10. All compliance source test reports shall be submitted in accordance with the Montana Source Test Protocol and Procedures Manual (ARM 17.8.106 and ARM 17.8.1212).

I.11. The annual compliance certification required by Section V.B shall contain a certification statement for the above applicable requirements (ARM 17.8.1212).

I.12. The semiannual monitoring report shall provide (ARM 17.8.1212):

a. A summary of the results of any source testing conducted during the reporting period;

b. A summary of the logs required within Sections III.I.7, III.I.8 and III.I.9; and

c. A summary of any exceedance or deviation from a limit or requirement established within Section III.I.

J. EU017– Shaft Emergency Diesel-Fired Generator Engine

Condition(s)	Pollutant/Parameter	Permit Limit	Compliance Demonstration		Reporting Requirements
			Method	Frequency	
J.1, J.4, J.7, J.8, J.11, J.13, J.14	Opacity	20%	Method 9	Semiannual	Semiannual
			Visual Survey	Weekly	
J.2, J.5, J.9, J.13, J.14	Engine Operation	500 Hours/Rolling 12-Month	Recordkeeping	Ongoing	
J.3, J.6, J.10, J.12, J.13, J.14	40 CFR 63, Subpart ZZZZ	40 CFR 63, Subpart ZZZZ	40 CFR63, Subpart ZZZZ	40 CFR63, Subpart ZZZZ	40 CFR63, Subpart ZZZZ

Conditions

J.1. SMC shall not cause or authorize to be discharged into the atmosphere from any source, visible emissions that exhibit an opacity of 20% or greater, unless specified elsewhere in this permit (ARM 17.8.304 and ARM 17.8.752).

J.2. The Shaft Emergency Diesel Engine Generator shall be used for emergency or back-up operations only and shall be limited to 500 hours of operation during any rolling 12-month period. Preventive maintenance activities shall be included in the 500 hours of operation during any rolling 12-month period (ARM 17.8.749).

J.3. SMC shall comply with all applicable standards, limitations and the reporting, recordkeeping, and notification requirements of 40 CFR 63, Subpart ZZZZ – National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (ARM 17.8.340 and 40 CFR 63, Subpart ZZZZ).

Compliance Demonstration

J.4. SMC shall conduct either a semiannual Method 9 source test or a weekly visual survey of visible emissions on the Shaft Emergency Diesel-Fired Generator Engine. Under the visual survey option, once per calendar week, during daylight hours, SMC shall visually survey the affected emitting unit(s) for any visible emissions. If visible emissions are observed during the visual survey, SMC must conduct a Method 9 source test. The Method 9 source test must begin within one hour of any observation of visible emissions. If visible emissions meet or exceed 15% opacity based on the Method 9 source test, SMC shall immediately take corrective action to contain or minimize the source of emissions. If corrective actions are taken, then SMC shall immediately conduct a subsequent visual survey (and subsequent Method 9 source test if visible emissions remain) to monitor compliance. The person conducting the visual survey shall record the results of the survey (including the results of any Method 9 source test performed) in a log, including any corrective

action taken. Conducting a visual survey does not relieve SMC of the liability for a violation determined using Method 9.

If the visual surveys are not performed once per calendar week as specified above during the reporting period, then SMC shall perform the Method 9 source tests on the affected emitting unit(s) for that reporting period.

Method 9 source tests must be performed in accordance with the Montana Source Test Protocol and Procedures Manual, except that prior notification of the test is not required. Each observation period must be a minimum of 6 minutes unless any one reading is 20% or greater, then the observation period must be a minimum of 20 minutes or until a violation of the standard has been documented, whichever is a shorter period (ARM 17.8.101(27) and ARM 17.8.1213).

J.5. Compliance with the hours of operation limitation in Section III.J.2 may be monitored by recording hours of operation of the shaft emergency diesel engine generator (ARM 17.8.1213).

J.6. SMC shall meet the applicable requirements of all testing and procedures of ARM 17.8.342 which references 40 CFR 63 Subpart ZZZZ (ARM 17.8.342 and 40 CFR 63 Subpart ZZZZ).

Recordkeeping

J.7. All source test recordkeeping shall be performed in accordance with the Montana Source Test Protocol and Procedures Manual (ARM 17.8.106 and ARM 17.8.1212).

J.8. If visual surveys are performed, SMC shall maintain a log to verify that the visual surveys were performed as specified in Section III.J.4. Each log entry must include the date, time, results of survey (and results of subsequent Method 9, if applicable), and observer's initials. If any corrective action is required, the time, date, observer's initials, and any preventive or corrective action taken must be recorded in the log (ARM 17.8.1212).

J.9. SMC shall maintain, on site, a log as required in Section III.J.5 indicating the date, time, hours of operation, and operator's initials whenever the shaft emergency diesel engine generator is utilized. In addition, SMC shall document, by month, the total hours of operation of the Shaft Emergency Diesel-Fired Generator Engine. By the 25th day of each month, SMC shall total the hours of operation of the Shaft Emergency Diesel-Fired Generator Engine during the previous 12 months (ARM 17.8.1212).

J.10. SMC shall meet the applicable recordkeeping requirements as required by 40 CFR 63, Subpart ZZZZ (17.8.342 and 40 CFR 63 Subpart ZZZZ).

Reporting

J.11. All compliance source test reports shall be submitted in accordance with the Montana Source Test Protocol and Procedures Manual (ARM 17.8.106 and ARM 17.8.1212).

J.12. SMC shall meet the applicable reporting requirements of 40 CFR 63, Subpart ZZZZ (ARM 17.8.1212 and 40 CFR Part 63, Subpart ZZZZ).

J.13. The annual compliance certification required by Section V.B shall contain a certification statement for the above applicable requirements (ARM 17.8.1212).

J.14. The semiannual monitoring report shall provide (ARM 17.8.1212):

a. A summary of the results of any source testing conducted during the reporting period;

b. A summary of the logs required within Sections III.J.9 and III.J.9; and

c. A summary of any exceedance or deviation from a limit or requirement established within Section III.J.

K. EU019 – Benbow Diesel-Fired Engine Generator(s)

Condition(s)	Pollutant/Parameter	Permit Limit	Compliance Demonstration		Reporting Requirements
			Method	Frequency	
K.1, K.6, K.11, K.18, K.19	Engine Capacity Rating	4,022 bhp	Recordkeeping	Ongoing	Semiannual
K.2, K.7, K.12, K.18, K.19	Engine Certification	EPA Interim Tier 4 or higher	Recordkeeping	Ongoing	
K.3, K.8, K.13, K.18, K.19	Stack Height	3.048 Meters Minimum	Recordkeeping	Ongoing	
K.4, K.9, K.14, K.16, K.18, K.19	40 CFR 60, Subpart IIII	40 CFR 60, Subpart IIII	40 CFR 60, Subpart IIII	40 CFR 60, Subpart IIII	40 CFR 60, Subpart IIII
K.5, K.10, K.15, K.17, K.18, K.19	40 CFR 63, Subpart ZZZZ	40 CFR 63, Subpart ZZZZ	40 CFR 63, Subpart ZZZZ	40 CFR 63, Subpart ZZZZ	40 CFR 63, Subpart ZZZZ

Conditions

K.1. SMC is authorized to operate one or more diesel-fired generator set(s) in support of the Benbow operation, where the combined maximum rated design capacity of the generator engine(s) shall not exceed 4,022 brake-horsepower (bhp) (ARM 17.8.749).

K.2. At a minimum, generator engine(s) operated in support of the Benbow operation shall be certified to the Interim Tier 4 exhaust emission standard for generator sets with a maximum engine power rating greater than 900 kilowatts (kW) as specified within 40 CFR 1039.102, Table 7 (ARM 17.8.752).

K.3. Generator set engines shall have a minimum exhaust stack height of 3.048 meters (m) from ground level (ARM 17.8.749).

K.4. SMC shall comply with all applicable standards, limitations, and the reporting, recordkeeping, and notification requirements of 40 CFR 60, Subpart IIII – Standards of Performance for Stationary Compression Ignition Internal Combustion Engines (ARM 17.8.340 and 40 CFR 60, Subpart IIII).

K.5. SMC shall comply with all applicable standards, limitations and the reporting, recordkeeping, and notification requirements of 40 CFR 63, Subpart ZZZZ – National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (ARM 17.8.342 and 40 CFR 63, Subpart ZZZZ).

Compliance Demonstration

K.6. Compliance with the combined engine capacity limit required in Section III.K.1 shall be satisfied through recordkeeping (ARM.8.1213).

K.7. Compliance with the engine certification requirements of Section III.K.2 shall be satisfied by recordkeeping (ARM 17.8.1213).

K.8. Compliance with the stack height requirements of Section III.K.3 shall be satisfied by recordkeeping (ARM 17.8.1213).

K.9. SMC shall comply with all applicable compliance and monitoring requirements of 40 CFR 60, Subpart IIII (ARM 17.8.340 and 40 CFR 60, Subpart IIII).

K.10. SMC shall comply with all applicable compliance and monitoring requirements of 40 CFR 63, Subpart ZZZZ (ARM 17.8.342 and 40 CFR 63, Subpart ZZZZ).

Recordkeeping

K.11. SMC shall maintain documentation indicating the total rated bhp design capacity for each diesel generator engine operated in support of the Benbow Operation (ARM 17.8.1212)

K.12. SMC shall maintain EPA engine certification for each Benbow Diesel-Fired Generator Engine (ARM 17.8.1212).

K.13. SMC shall log any change in the stack height on any Benbow Diesel-Fired Generator Engine. Record shall include the new stack height, the data and time of change, and initial of the person documenting the change in stack height (ARM 17.8.1213).

K.14. SMC shall meet the applicable recordkeeping requirements as required by 40 CFR 60, Subpart IIII (17.8.340 and 40 CFR 60 Subpart IIII).

K.15. SMC shall meet the applicable recordkeeping requirements as required by 40 CFR 63, Subpart ZZZZ (17.8.342 and 40 CFR 63 Subpart ZZZZ).

Reporting

K.16. SMC shall meet the applicable reporting and notification requirements of 40 CFR 60, Subpart IIII (ARM 17.8.1212 and 40 CFR Part 60, Subpart IIII).

K.17. SMC shall meet the applicable reporting and notification requirements of 40 CFR 63, Subpart ZZZZ (ARM 17.8.1212 and 40 CFR Part 63, Subpart ZZZZ).

K.18. The annual compliance certification required by Section V.B shall contain a certification statement for the above applicable requirements (ARM 17.8.1212).

K.19. The semiannual monitoring report shall provide (ARM 17.8.1212):

a. A summary of the results of any source testing conducted during the reporting period;

b. A summary of the logs required within Sections III.K.11 through III.K.13; and

c. A summary of any exceedance or deviation from a limit or requirement established within Section III.K.

L. EU022– Emergency Fire Water Pump Diesel-Fired Engine

Condition(s)	Pollutant/Parameter	Permit Limit	Compliance Demonstration		Reporting Requirements
			Method	Frequency	
L.1, L.4, L.9, L.10, L.13, L.15, L.16	Opacity	20%	Method 9	Semiannual	Semiannual
			Visual Survey	Weekly	
L.2, L.7, L.11, L.15, L.16	Engine Operation	500 Hours/Rolling 12-Month	Recordkeeping	Ongoing	
L.3, L.8, L.12, L.14, L.15, L.16	40 CFR 63, Subpart ZZZZ	40 CFR 63, Subpart ZZZZ	40 CFR 63, Subpart ZZZZ	40 CFR 63, Subpart ZZZZ	40 CFR 63, Subpart ZZZZ

Conditions

L.1. SMC shall not cause or authorize to be discharged into the atmosphere from any source, visible emissions that exhibit an opacity of 20% or greater, unless specified elsewhere in this permit (ARM 17.8.304 and ARM 17.8.752).

L.2. The Emergency Fire Water Pump Diesel-Fired Engine shall be used for emergency or back-up operations only and shall be limited to 500 hours of operation during any rolling 12-month period. Preventive maintenance activities shall be included in the 500 hours of operation during any rolling 12-month period (ARM 17.8.749).

L.3. SMC shall comply with all applicable standards, limitations and the reporting, recordkeeping, and notification requirements of 40 CFR 63, Subpart ZZZZ – National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (ARM 17.8.340 and 40 CFR 63, Subpart ZZZZ).

Compliance Demonstration

L.4. SMC shall conduct either a semiannual Method 9 source test or a weekly visual survey of visible emissions on the Emergency Fire Water Pump Diesel-Fired Engine. Under the visual survey option, once per calendar week, during daylight hours, SMC shall visually survey the affected emitting unit(s) for any visible emissions. If visible emissions are observed during the visual survey, SMC must conduct a Method 9 source test. The Method 9 source test must begin within one hour of any observation of visible emissions. If visible emissions meet or exceed 15% opacity based on the Method 9 source test, SMC shall immediately take corrective action to contain or minimize the source of emissions. If corrective actions are taken, then SMC shall immediately conduct a

subsequent visual survey (and subsequent Method 9 source test if visible emissions remain) to monitor compliance. The person conducting the visual survey shall record the results of the survey (including the results of any Method 9 source test performed) in a log, including any corrective action taken. Conducting a visual survey does not relieve SMC of the liability for a violation determined using Method 9.

L.5. If the visual surveys are not performed once per calendar week as specified above during the reporting period, then SMC shall perform the Method 9 source tests on the affected emitting unit(s) for that reporting period.

L.6. Method 9 source tests must be performed in accordance with the Montana Source Test Protocol and Procedures Manual, except that prior notification of the test is not required. Each observation period must be a minimum of 6 minutes unless any one reading is 20% or greater, then the observation period must be a minimum of 20 minutes or until a violation of the standard has been documented, whichever is a shorter period (ARM 17.8.101(27) and ARM 17.8.1213).

L.7. Compliance with the hours of operation limitation in Section III.N.2 shall be demonstrated by recording of the hours of operation of the Emergency Fire Water Diesel-Fired Engine (ARM 17.8.1213).

L.8. SMC shall meet the applicable requirements of all testing and procedures of ARM 17.8.342 which references 40 CFR 63 Subpart ZZZZ (ARM 17.8.342 and 40 CFR 63 Subpart ZZZZ).

Recordkeeping

L.9. All source test recordkeeping shall be performed in accordance with the Montana Source Test Protocol and Procedures Manual (ARM 17.8.106 and ARM 17.8.1212).

L.10. If visual surveys are performed, SMC shall maintain a log to verify that the visual surveys were performed as specified in Section III.L.4. Each log entry must include the date, time, results of survey (and results of subsequent Method 9, if applicable), and observer's initials. If any corrective action is required, the time, date, observer's initials, and any preventive or corrective action taken must be recorded in the log (ARM 17.8.1212).

L.11. SMC shall maintain, on site, a log as required in Section III.L.7 indicating the date, time, hours of operation, and operator's initials whenever the shaft emergency diesel engine generator is utilized. In addition, SMC shall document, by month, the total hours of operation of the Emergency Fire Water Pump Diesel-Fired Engine. By the 25th day of each month, SMC shall total the hours of operation of the Emergency Fire Water Pump Diesel-Fired Engine during the previous 12 months (ARM 17.8.1212).

L.12. SMC shall meet the applicable recordkeeping requirements as required by 40 CFR 63, Subpart ZZZZ (17.8.342 and 40 CFR 63 Subpart ZZZZ).

Reporting

L.13. All compliance source test reports shall be submitted in accordance with the Montana Source Test Protocol and Procedures Manual (ARM 17.8.106 and ARM 17.8.1212).

L.14. SMC shall meet the applicable reporting requirements of 40 CFR 63, Subpart ZZZZ (ARM 17.8.1212 and 40 CFR Part 63, Subpart ZZZZ).

L.15. The annual compliance certification required by Section V.B shall contain a certification statement for the above applicable requirements (ARM 17.8.1212).

L.16. The semiannual monitoring report shall provide (ARM 17.8.1212):

a. A summary of the results of any source testing conducted during the reporting period;

b. A summary of the logs required within Sections III.L.10 and III.L.11; and,

c. A summary of any exceedance or deviation from a limit or requirement established within Section III.L.

M. EU023 – Gasoline Storage Tank

Condition(s)	Pollutant/Parameter	Permit Limit	Compliance Demonstration		Reporting Requirements
			Method	Frequency	
M.1, M.2, M.3, M.4, M.5	Gasoline Dispensing	40 CFR 63, Subpart CCCCCC	40 CFR 63, Subpart CCCCCC	40 CFR 63, Subpart CCCCCC	Semiannual

Conditions

M.1. When handling gasoline dispensing, SMC shall take measures to (ARM 17.8.342 and 40 CFR 63, Subpart CCCCCC):

a. Minimize gasoline spills;

b. Clean up spills as expeditiously as practical;

c. Cover all open gasoline containers and all gasoline storage tank fill-pies with a gasketed seal when not in use.

Compliance Demonstration

M.2. SMC shall maintain compliance with the requirements in Section III.M.1 (ARM 17.8.342 and 40 CFR 63, Subpart CCCCCC).

Recordkeeping

M.3. SMC shall maintain records as described in 40 CFR 63.1125, as applicable (ARM 17.8.342 and 40 CFR 63, Subpart CCCCCC).

Reporting

M.4. The annual compliance certification required by Section V.B must contain a certification statement for the above applicable requirements (ARM 17.8.1212).

M.5. The semiannual monitoring report shall provide a summary of results of any deviations from 40 CFR 63, Subpart CCCCCC (ARM 17.8.1212).

N. EU024 – EPA Tier II Diesel Engine Capacity

Condition(s)	Pollutant/Parameter	Permit Limit	Compliance Demonstration		Reporting Requirements
			Method	Frequency	
N.1, N.4, N.7, N.13, N.14	Engine Certification	EPA Interim Tier II or higher	Recordkeeping	Ongoing	
N.1, N.4, N.8, N.13, N.14	Operation	4.8 million hp-hr on a rolling 12-month period	Recordkeeping	Ongoing	
N.2, N.5, N.9, N.11, N.13, N.14	40 CFR 60, Subpart IIII	40 CFR 60, Subpart IIII	40 CFR 60, Subpart IIII	40 CFR 60, Subpart IIII	40 CFR 60, Subpart IIII
N.3, N.6, N.10, N.12, N.13, N.14	40 CFR 63, Subpart ZZZZ	40 CFR 63, Subpart ZZZZ	40 CFR 63, Subpart ZZZZ	40 CFR 63, Subpart ZZZZ	40 CFR 63, Subpart ZZZZ

Conditions

N.1. SMC is authorized to operate diesel-fired engines with minimum EPA Tier II rating and maximum combined rated capacity not to exceed 4.8 million horsepower-hours (hp-hr) (ARM 17.8.749).

N.2. SMC shall comply with all applicable standards, limitations, and the reporting, recordkeeping, and notification requirements of 40 CFR 60, Subpart IIII – Standards of Performance for Stationary Compression Ignition Internal Combustion Engines (ARM 17.8.340 40 CFR 60, Subpart IIII).

N.3. SMC shall comply with all applicable standards, limitations and the reporting, recordkeeping, and notification requirements of 40 CFR 63, Subpart ZZZZ – National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (ARM 17.8.342 and 40 CFR 63, Subpart ZZZZ).

Compliance Demonstration

N.4. Compliance with the engine EPA Tier certification and horsepower-hours limitation described in Sections III.N.1 shall be satisfied through recordkeeping (ARM.8.1213).

N.5. SMC shall comply with all applicable compliance and monitoring requirements of 40 CFR 60, Subpart IIII (ARM 17.8.340 and 40 CFR 60, Subpart IIII).

N.6. SMC shall comply with all applicable compliance and monitoring requirements of 40 CFR 63, Subpart ZZZZ (ARM 17.8.342 and 40 CFR 63, Subpart ZZZZ).

Recordkeeping

N.7. SMC shall maintain EPA engine certification for the engines operated under this Section (ARM 17.8.1212).

N.8. SMC shall maintain documentation indicating the total rated kW and/or hp design capacity for the engines in this Section multiplied by the total hours of operation of each unit. By the 25th day of each month, SMC shall total the hours of operation of that engine during the previous 12 months (ARM 17.8.1212).

N.9. SMC shall meet the applicable recordkeeping requirements as required by 40 CFR 60, Subpart IIII (17.8.340 and 40 CFR 60 Subpart IIII).

N.10. SMC shall meet the applicable recordkeeping requirements as required by 40 CFR 63, Subpart ZZZZ (17.8.342 and 40 CFR 63 Subpart ZZZZ).

Reporting

N.11. SMC shall meet the applicable reporting and notification requirements of 40 CFR 60, Subpart IIII (ARM 17.8.1212, ARM 17.8.340, and 40 CFR Part 60, Subpart IIII).

N.12. SMC shall meet the applicable reporting and notification requirements of 40 CFR 63, Subpart ZZZZ (ARM 17.8.1212, ARM 17.8.342, and 40 CFR Part 63, Subpart ZZZZ).

N.13. The annual compliance certification required by Section V.B shall contain a certification statement for the above applicable requirements (ARM 17.8.1212).

N.14. The semiannual monitoring report shall provide (ARM 17.8.1212):

a. A summary of the results of any source testing conducted during the reporting period;

b. A summary of the hp-hr total for the semiannual period; and

c. A summary of any exceedance or deviation from a limit or requirement established within Section III.N.

O. EU025 – Portable Crushing and Screening - Up to 500 TPH

Condition(s)	Pollutant/Parameter	Permit Limit	Compliance Demonstration		Reporting Requirements
			Method	Frequency	
O.1, O.2, O.3, O.5, O.6, O.8, O.10, O.11	Opacity	10% (fugitive source)	Method 9	Semiannual	Semiannual
			Visual Surveys	Weekly (when operating)	
O.1, O.4, O.7, O.9, O.10, O.11	40 CFR 60, Subpart LL	40 CFR 60, Subpart LL	40 CFR 60, Subpart LL	40 CFR 60, Subpart LL	40 CFR 60, Subpart LL

Conditions

O.1. SMC shall comply with all applicable standards, limitations, and the reporting, record keeping, and notification requirements of 40 Code of Federal Regulation (CFR) 60, Subpart LL – Standards of Performance for Metallic Mineral Processing Plants. SMC shall not cause or authorize to be discharged into the atmosphere from the portable crusher, screen, or any process fugitive emissions that exhibit greater than 10% opacity averaged over 6 consecutive minutes (ARM 17.8.340, ARM 17.8.752, and 40 CFR Part 60, Subpart LL).

O.2. Water and/or chemical dust suppressant shall be available on site and used, as necessary, to maintain compliance with the opacity limitations for process fugitive emissions in Section III.O.1 (ARM 17.8.752).

Compliance Demonstration

O.3. SMC shall conduct either a semiannual Method 9 source test or a weekly visual survey of visible emissions on the primary crusher loading/unloading, crusher and mill load-out hoppers, all material transfer points associated with the primary crusher, and any other affected source(s). Under the visual survey option, once per calendar week, during daylight hours, SMC shall visually survey the affected emitting unit(s) listed for any visible emissions. If visible emissions are observed during the visual survey, SMC must conduct a Method 9 source test. The Method 9 source test must begin within one hour of any observation of visible emissions. If visible emissions meet or exceed 10% opacity based on the Method 9 source test, SMC shall immediately take corrective action to contain or minimize the source of emissions. If corrective actions are taken, then SMC shall immediately conduct a subsequent visual survey (and subsequent Method 9 source test if visible emissions remain) to monitor compliance. The person conducting the visual survey shall record the results of the survey (including the results of any Method 9 source test performed) in a log, including any corrective action taken. Conducting a visual survey does not relieve SMC of the liability for a violation determined using Method 9.

If the visual surveys are not performed once per calendar week as specified above during the reporting period, then SMC shall perform the Method 9 source tests on the affected emitting unit(s) for that reporting period.

Method 9 source tests must be performed in accordance with the Montana Source Test Protocol and Procedures Manual, except that prior notification of the test is not required. Each observation period must be a minimum of 6 minutes unless any one reading is 10% or greater, then the observation period must be a minimum of 20 minutes or until a violation of the standard has been documented, whichever is a shorter period (ARM 17.8.101(27) and ARM 17.8.1213).

O.4. SMC shall comply with all applicable monitoring and compliance requirements of 40 CFR60, Subpart LL (ARM 17.8.340 and 40 CFR 60, Subpart LL).

Recordkeeping

O.5. All source test recordkeeping shall be performed in accordance with the Montana Source Test Protocol and Procedures Manual (ARM 17.8.106 and ARM 17.8.1212).

O.6. If visual surveys are performed, SMC shall maintain a log to verify that the visual surveys were performed as specified in Section III.O.3. Each log entry must include the date, time, results of survey (and results of subsequent Method 9, if applicable), and observer's initials. If any corrective action is required, the time, date, observer's initials, and any preventive or corrective action taken must be recorded in the log (ARM 17.8.1212).

O.7. SMC shall comply with the applicable recordkeeping requirements of 40 CFR Part 60,Subparts LL (ARM 17.8.340 and 40 CFR 60, Subpart LL).

Reporting

O.8. All compliance source test reports shall be submitted in accordance with the Montana Source Test Protocol and Procedures Manual (ARM 17.8.106 and ARM 17.8.1212).

O.9. SMC shall meet the applicable reporting and notification requirements of 40 CFR 60, Subpart LL (ARM 17.8.1212 and 40 CFR Part 60, Subpart LL).

O.10. The annual compliance certification required by Section V.B must contain a certification statement for the above applicable requirements (ARM 17.8.1212).

O.11. The semiannual monitoring report shall provide (ARM 17.8.1212):

a. A summary of the results of any source testing conducted during the reporting period;

b. A summary of the log required within Sections III.O.6, and

c. A summary of any exceedance or deviation from a limit or requirement established within Section III.O.

P. EU027 – Concentrate Loadout Facility

Condition(s)	Pollutant/Parameter	Permit Limit	Compliance Demonstration		Reporting Requirements
			Method	Frequency	
P.1, P.2, P.3, P.5, P.6, P.8, P.10, P.11	Opacity	10% (fugitive source)	Method 9	Semiannual	Semiannual
			Visual Surveys	Weekly (when operating)	
P.1, P.4, P.7, P.9, P.10, P.11	40 CFR 60, Subpart LL	40 CFR 60, Subpart LL	40 CFR 60, Subpart LL	40 CFR 60, Subpart LL	40 CFR 60, Subpart LL

Conditions

P.1. SMC shall comply with all applicable standards, limitations, and the reporting, record keeping, and notification requirements of 40 Code of Federal Regulation (CFR) 60, Subpart LL – Standards of Performance for Metallic Mineral Processing Plants. SMC shall not cause or authorize to be discharged into the atmosphere from the portable crusher, screen, or any process fugitive emissions that exhibit greater than 10% opacity averaged over 6 consecutive minutes (ARM 17.8.340, ARM 17.8.752, and 40 CFR Part 60, Subpart LL).

P.2. Water and/or chemical dust suppressant shall be available on site and used, as necessary, to maintain compliance with the opacity limitations for process fugitive emissions in Section III.Q.1 (ARM 17.8.752).

Compliance Demonstration

P.3. SMC shall conduct either a semiannual Method 9 source test or a weekly visual survey of visible emissions on the primary crusher loading/unloading, crusher and mill load-out hoppers, all material transfer points associated with the primary crusher, and any other affected source(s). Under the visual survey option, once per calendar week, during daylight hours, SMC shall visually survey the affected emitting unit(s) listed for any visible emissions. If visible emissions are observed during the visual survey, SMC must conduct a Method 9 source test. The Method 9 source test must begin within one hour of any observation of visible emissions. If visible emissions meet or exceed 10% opacity based on the Method 9 source test, SMC shall immediately take corrective action to contain or minimize the source of emissions. If corrective actions are taken, then SMC shall immediately conduct a subsequent visual survey (and subsequent Method 9 source test if visible emissions remain) to monitor compliance. The person conducting the visual survey shall record the results of the survey (including the results of any Method 9 source test performed) in a log, including any corrective action taken. Conducting a visual survey does not relieve SMC of the liability for a violation determined using Method 9.

If the visual surveys are not performed once per calendar week as specified above during the reporting period, then SMC shall perform the Method 9 source tests on the affected emitting unit(s) for that reporting period.

Method 9 source tests must be performed in accordance with the Montana Source Test Protocol and Procedures Manual, except that prior notification of the test is not required. Each observation period must be a minimum of 6 minutes unless any one reading is 10% or greater, then the observation period must be a minimum of 20 minutes or until a violation of the standard has been documented, whichever is a shorter period (ARM 17.8.101(27) and ARM 17.8.1213).

P.4. SMC shall comply with all applicable monitoring and compliance requirements of 40 CFR60, Subpart LL (ARM 17.8.340 and 40 CFR 60, Subpart LL).

Recordkeeping

P.5. All source test recordkeeping shall be performed in accordance with the Montana Source Test Protocol and Procedures Manual (ARM 17.8.106 and ARM 17.8.1212).

P.6. If visual surveys are performed, SMC shall maintain a log to verify that the visual surveys were performed as specified in Section III.Q.3. Each log entry must include the date, time, results of survey (and results of subsequent Method 9, if applicable), and observer's initials. If any corrective action is required, the time, date, observer's initials, and any preventive or corrective action taken must be recorded in the log (ARM 17.8.1212).

P.7. SMC shall comply with the applicable recordkeeping requirements of 40 CFR Part 60,Subparts LL (ARM 17.8.340 and 40 CFR 60, Subpart LL).

Reporting

P.8. All compliance source test reports shall be submitted in accordance with the Montana Source Test Protocol and Procedures Manual (ARM 17.8.106 and ARM 17.8.1212).

P.9. SMC shall meet the applicable reporting and notification requirements of 40 CFR 60, Subpart LL (ARM 17.8.1212 and 40 CFR Part 60, Subpart LL).

P.10. The annual compliance certification required by Section V.B must contain a certification statement for the above applicable requirements (ARM 17.8.1212).

P.11. The semiannual monitoring report shall provide (ARM 17.8.1212):

a. A summary of the results of any source testing conducted during the reporting period;
b. A summary of the log required within Sections III.Q.6, and
c. A summary of any exceedance or deviation from a limit or requirement established within Section III.Q.

SECTION IV. NON-APPLICABLE REQUIREMENTS

Air Quality Administrative Rules of Montana (ARM) and Federal Regulations identified as not applicable to the facility or to a specific emissions unit at the time of the most recent operating permit renewal are listed below (ARM 17.8.1214). The following list does not preclude the need to comply with any new requirements that may become applicable during the permit term.

A. Facility-Wide

The following table contains non-applicable requirements which are administrated by the Air Quality Bureau of the Department of Environmental Quality (DEQ).

Rule Citation		Reason
State	**Federal**	
ARM 17.8.320 ARM 17.8.321 ARM 17.8.324 ARM 17.8.326 ARM 17.8.330 ARM 17.8 331 ARM 17.8.332 ARM 17.8.333 ARM 17.8.334 ARM 17.8.335 ARM 17.8.506 ARM 17.8.610 ARM 17.8, Subchapters 16 and 17		These rules are not applicable because the facility is not listed in the source category cited in the rules.
ARM 17.8.320	40 CFR 60, Subpart JJJJ	These rules are not applicable because the facility does not have the specific emissions unit that is cited in the rules.
ARM 17.8.770 ARM 17.8.809 ARM 17.8.818 ARM 17.8.819 ARM 17.8.820 ARM 17.8.821 ARM 17.8.822 ARM 17.8.823 ARM 17.8.824 ARM 17.8.827		These rules are not applicable because the facility is not classified as a major stationary source under ARM 17.8.801.
ARM 17.8.1106 ARM 17.8.1107 ARM 17.8.1110 ARM 17.8.1111		These rules are not applicable because the facility has not made any changes that would trigger these procedural rule requirements.
ARM 17.8.772, ARM 17.8, Subchapters 13 and 14		These rules apply only to DEQ, EPA, and/or regional authorities.

Rule Citation		Reason
State	**Federal**	
	40 CFR 57 40 CFR 59 40 CFR 60, Subpart B 40 CFR 60, Subparts C, Cb, Cc, Cd, Ce 40 CFR 60, Subparts D, Da, Db, Dc 40 CFR 60, Subparts E, Ea, Eb, Ec 40 CFR 60, F-I 40 CFR 60, J, Ja 40 CFR 60, Subparts K, Ka, Kb 40 CFR 60, Subparts L-Z 40 CFR 60, Subparts AA-EE 40 CFR 60, S GG-HH 40 CFR 60, Subpart KK 40 CFR 60, Subpart MM 40 CFR 60, Subpart NN 40 CFR 60, Subparts PP-XX 40 CFR 60, Subparts AAA-BBB 40 CFR 60, Subpart DDD 40 CFR 60, Subparts FFF-LLL 40 CFR 60, Subparts NNN-XXX 40 CFR 60, Subparts AAAA-DDDD 40 CFR 60, Subparts KKKK-MMMM 40 CFR 60, Subparts OOOO-QQQQ 40 CFR 60, Subparts TTTT-UUUU 40 CFR 61, Subparts B-F40 CFR 61, Subparts H-L 40 CFR 61, Subparts N-R 40 CFR 61, Subpart T 40 CFR 61, Subparts V-W 40 CFR 61, Subpart Y 40 CFR 61, Subpart BB 40 CFR 61, Subpart FF 40 CFR 61,Appendix A-Appendix E 40 CFR 63, Subpart B 40 CFR 63, Subparts D-J 40 CFR 63, Subparts L-O 40 CFR 63, Subparts Q-U 40 CFR 63, Subparts W-Y 40 CFR 63, Subparts AA-EE 40 CFR 63, Subparts GG-MM 40 CFR 63, Subparts OO-YY 40 CFR 63, Subparts CCC-EEE 40 CFR 63, Subparts GGG-JJJ 40 CFR 63, Subparts LLL-RRR	These requirements are not applicable because the facility is not in this source category.

Rule Citation		Reason
State	**Federal**	
	40 CFR 63, Subparts TTT-VVV 40 CFR 63, Subpart XXX 40 CFR 63, Subpart AAAA. 40 CFR 63, Subparts CCCC-KKKK 40 CFR 63, Subparts MMMM-ZZZZ 40 CFR 63, Subparts AAAAA-NNNNN 40 CFR 63, Subparts PPPPP-UUUUUU 40 CFR 63, Subpart WWWWW 40 CFR 63, Subparts YYYYY-ZZZZZ 40 CFR 63, Subpart BBBBBB 40 CFR 63, Subparts DDDDDD-HHHHHH 40 CFR 63, Subparts LLLLLL-TTTTTT 40 CFR 63, Subparts VVVVVV-ZZZZZZ 40 CFR 63, Subparts AAAAAAA-EEEEEEE 40 CFR 63, Subpart HHHHHHH 40 CFR 65 40 CFR 72- 78 40 CFR 79-80 40 CFR 85-86 40 CFR 88 40 CFR 93 40 CFR 95-97 40 CFR 68 40 CFR 87 40 CFR 89-92 40 CFR 94	
	40 CFR 69	The facility is not in a special control or nonattainment area.

B. Emission Units

The permit application identified applicable requirements. Non-applicable requirements for individual or specific emissions units were not listed. DEQ has listed all non-applicable requirements in Section IV.A. These requirements relate to each specific unit, as well as facility wide.

SECTION V. GENERAL PERMIT CONDITIONS

A. Compliance Requirements

ARM 17.8, Subchapter 12, Operating Permit Program §1210(2)(a)-(c)&(e), §1206(6)(c)&(b)

1. The permittee must comply with all conditions of the permit. Any noncompliance with the terms or conditions of the permit constitutes a violation of the Montana Clean Air Act, and may result in enforcement action, permit modification, revocation and reissuance, or termination, or denial of a permit renewal application under ARM Title 17, Chapter 8, Subchapter 12.

2. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.

3. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity to maintain compliance with the conditions of the permit. If appropriate, this factor may be considered as a mitigating factor in assessing a penalty for noncompliance with an applicable requirement if the source demonstrates that both the health, safety or environmental impacts of halting or reducing operations would be more serious than the impacts of continuing operations, and that such health, safety, or environmental impacts were unforeseeable and could not have otherwise been avoided.

4. The permittee shall furnish to DEQ, within a reasonable time set by DEQ (not to be less than 15 days), any information that DEQ may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit, or to determine compliance with the permit. Upon request, the permittee shall also furnish to DEQ copies of those records that are required to be kept pursuant to the terms of the permit. This subsection does not impair or otherwise limit the right of the permittee to assert the confidentiality of the information requested by DEQ, as provided in 75-2-105, MCA.

5. Any schedule of compliance for applicable requirements with which the source is not in compliance with at the time of permit issuance shall be supplemental to, and shall not sanction noncompliance with, the applicable requirements on which it was based.

6. For applicable requirements that will become effective during the permit term, the source shall meet such requirements on a timely basis unless a more detailed plan or schedule is required by the applicable requirement or DEQ.

B. Certification Requirements

ARM 17.8, Subchapter 12, Operating Permit Program §1207 and §1213(7)(a)&(c)-(d)

1. Any application form, report, or compliance certification submitted pursuant to ARM Title 17, Chapter 8, Subchapter 12, shall contain certification by a responsible official of truth, accuracy, and completeness. This certification and any other certification required under ARM Title 17, Chapter 8, Subchapter 12, shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate and complete.

2. Compliance certifications shall be submitted by February 15 of each year, or more frequently if otherwise specified in an applicable requirement or elsewhere in the permit. Each certification must include the required information for the previous calendar year (i.e., January 1 – December 31).

3. Compliance certifications shall include the following:

   a. The identification of each term or condition of the permit that is the basis of the certification

   b. The identification of the method(s) or other means used by the owner or operator for determining the status of compliance with each term and condition during the certification period, consistent with ARM 17.8.1212

   c. The status of compliance with each term and condition for the period covered by the certification, *including whether compliance during the period was continuous or intermittent* (based on the method or means identified in ARM 17.8.1213(7)(c)(ii), as described above); and

   d. Such other facts as DEQ may require to determine the compliance status of the source

4. All compliance certifications must be submitted to the Environmental Protection Agency, as well as to DEQ, at the addresses listed in the Notification Addresses Appendix - C of this permit.

C. Permit Shield

ARM 17.8, Subchapter 12, Operating Permit Program §1214(1)-(4)

1. The applicable requirements and non-federally enforceable requirements are included and specifically identified in this permit and the permit includes a precise summary of the requirements not applicable to the source. Compliance with the conditions of the permit shall be deemed compliance with any applicable requirements and any non-federally enforceable requirements as of the date of permit issuance.

2. The permit shield described in 1 above shall remain in effect during the appeal of any permit action (renewal, revision, reopening, or revocation and reissuance) to the Board of Environmental Review (Board), until such time as the Board renders its final decision.

3. Nothing in this permit alters or affects the following:

   a. The provisions of Section 7603 of the FCAA, including the authority of the administrator under that section;

   b. The liability of an owner or operator of a source for any violation of applicable requirements prior to or at the time of permit issuance;

   c. The applicable requirements of the Acid Rain Program, consistent with Section 7651g(a) of the FCAA;

   d. The ability of the administrator to obtain information from a source pursuant to Section 7414 of the FCAA;

e. The ability of DEQ to obtain information from a source pursuant to the Montana Clean Air Act, Title 75, Chapter 2, MCA;

f. The emergency powers of DEQ under the Montana Clean Air Act, Title 75, Chapter 2, MCA; and

g. The ability of DEQ to establish or revise requirements for the use of Reasonably available Control Technology (RACT) as defined in ARM Title 17, Chapter 8. However, if the inclusion of a RACT into the permit pursuant to ARM Title 17, Chapter 8, Subchapter 12, is appealed to the Board, the permit shield, as it applies to the source's existing permit, shall remain in effect until such time as the Board has rendered its final decision.

4. Nothing in this permit alters or affects the ability of DEQ to take enforcement action for a violation of an applicable requirement or permit term demonstrated pursuant to ARM 17.8.106, Source Testing Protocol.

5. Pursuant to ARM 17.8.132, for the purpose of submitting a compliance certification, nothing in these rules shall preclude the use, including the exclusive use, of any credible evidence or information relevant to whether a source would have been in compliance. However, when compliance or noncompliance is demonstrated by a test or procedure provided by permit or other applicable requirements, the source shall then be presumed to be in compliance or noncompliance unless that presumption is overcome by other relevant credible evidence.

6. The permit shield will not extend to minor permit modifications or changes not requiring a permit revision (see Sections I & J).

7. The permit shield will extend to significant permit modifications and transfer or assignment of ownership (see Sections K & O).

D. Monitoring, Recordkeeping, and Reporting Requirements

ARM 17.8, Subchapter 12, Operating Permit Program §1212(2)&(3)

1. Unless otherwise provided in this permit, the permittee shall maintain compliance monitoring records that include the following information:

   a. The date, place as defined in the permit, and time of sampling or measurement;

   b. The date(s) analyses were performed;

   c. The company or entity that performed the analyses;

   d. The analytical techniques or methods used;

   e. The results of such analyses; and

   f. The operating conditions at the time of sampling or measurement.

2. The permittee shall retain records of all required monitoring data and support information for a period of at least 5 years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit. All monitoring data, support information, and required reports and summaries may be maintained in computerized form at the plant site if the information is made available to Department personnel upon request, which may be for either hard copies or computerized format. Strip-charts must be maintained in their original form at the plant site and shall be made available to Department personnel upon request.

3. The permittee shall submit to DEQ, at the addresses located in the Notification Addresses Appendix - C of this permit, reports of any required monitoring by February 15 and August 15 of each year, or more frequently if otherwise specified in an applicable requirement or elsewhere in the permit. The monitoring report submitted on February 15 of each year must include the required monitoring information for the period of July 1 through December 31 of the previous year. The monitoring report submitted on August 15 of each year must include the required monitoring information for the period of January 1 through June 30 of the current year. All instances of deviations from the permit requirements must be clearly identified in such reports. All required reports must be certified by a responsible official, consistent with ARM 17.8.1207.

E. Prompt Deviation Reporting

ARM 17.8, Subchapter 12, Operating Permit Program §1212(3)(b)

The permittee shall promptly report deviations from permit requirements, including those attributable to upset conditions as defined in the permit, the probable cause of such deviations, and any corrective actions or preventive measures taken. To be considered prompt, deviations shall be reported to DEQ within the following timeframes (unless otherwise specified in an applicable requirement):

1. For deviations which may result in emissions potentially in violation of permit limitations:

   a. An initial phone notification (or faxed or electronic notification) describing the incident within 24 hours (or the next business day) of discovery; and,

   b. A follow-up written, faxed, or electronic report within 30 days of discovery of the deviation that describes the probable cause of the reported deviation and any corrective actions or preventative measures taken.

2. For deviations attributable to malfunctions, deviations shall be reported to DEQ in accordance with the malfunction reporting requirements under ARM 17.8.110; and

3. For all other deviations, deviations shall be reported to DEQ via a written, faxed, or electronic report within 90 days of discovery (as determined through routine internal review by the permittee).

Prompt deviation reports do not need to be resubmitted with regular semiannual (or other routine) reports but may be referenced by the date of submittal.

F. Emergency Provisions

ARM 17.8, Subchapter 12, Operating Permit Program §1201(13) and §1214(5), (6)&(8)

1. An "emergency" means any situation arising from sudden and reasonably unforeseeable events beyond the control of the source, including acts of God, which situation requires immediate corrective action to restore normal operation and causes the source to exceed a technology-based emission limitation under this permit due to the unavoidable increases in emissions attributable to the emergency. An emergency shall not include noncompliance to the extent caused by improperly designed equipment, lack of reasonable preventive maintenance, careless or improper operation, or operator error.

2. An emergency constitutes an affirmative defense to an action brought for noncompliance with a technology-based emission limitation if the permittee demonstrates through properly signed, contemporaneous logs, or other relevant evidence, that:

   a. An emergency occurred and the permittee can identify the cause(s) of the emergency;

   b. The permitted facility was at the time being properly operated;

   c. During the period of the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in the permit; and

   d. The permittee submitted notice of the emergency to DEQ within 2 working days of the time when emission limitations were exceeded due to the emergency. This notice fulfills the requirements of ARM 17.8.1212(3)(b). This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

3. These emergency provisions are in addition to any emergency, malfunction or upset provision contained in any applicable requirement.

G. Inspection and Entry

ARM 17.8, Subchapter 12, Operating Permit Program §1213(3)&(4)

1. Upon presentation of credentials and other requirements as may be required by law, the permittee shall allow DEQ, the administrator, or an authorized representative (including an authorized contractor acting as a representative of DEQ or the administrator) to perform the following:

   a. Enter the premises where a source required to obtain a permit is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit;

   b. Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;

   c. Inspect at reasonable times any facilities, emission units, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and

d. As authorized by the Montana Clean Air Act and rules promulgated thereunder, sample or monitor, at reasonable times, any substances, or parameters at any location for the purpose of assuring compliance with the permit or applicable requirements.

2. The permittee shall inform the inspector of all workplace safety rules or requirements at the time of inspection. This section shall not limit in any manner DEQ's statutory right of entry and inspection as provided for in 75-2-403, MCA.

H. Fee Payment

ARM 17.8, Subchapter 12, Operating Permit Program §1210(2)(f) and ARM 17.8, Subchapter 5, Air Quality Permit Application, Operation, and Open Burning Fees §505(3)-(5) (STATE ONLY)

1. The permittee must pay application and operating fees, pursuant to ARM Title 17, Chapter 8, Subchapter 5.

2. Annually, DEQ shall provide the permittee with written notice of the amount of the fee and the basis for the fee assessment. The air quality operation fee is due 30 days after receipt of the notice unless the fee assessment is appealed pursuant to ARM 17.8.511. If any portion of the fee is not appealed, that portion of the fee that is not appealed is due 30 days after receipt of the notice. Any remaining fee, which may be due after the completion of an appeal, is due immediately upon issuance of the Board's decision or upon completion of any judicial review of the Board's decision.

3. If the permittee fails to pay the required fee (or any required portion of an appealed fee) within 90 days of the due date of the fee, DEQ may impose an additional assessment of 15% of the fee (or any required portion of an appealed fee) or $100, whichever is greater, plus interest on the fee (or any required portion of an appealed fee), computed at the interest rate established under 15-31-510(3), MCA.

I. Minor Permit Modifications

ARM 17.8, Subchapter 12, Operating Permit Program §1226(3)&(11)

1. An application for a minor permit modification need only address in detail those portions of the permit application that require revision, updating, supplementation, or deletion, and may reference any required information that has been previously submitted.

2. The permit shield under ARM 17.8.1214 will not extend to any minor modifications processed pursuant to ARM 17.8.1226.

J. Changes Not Requiring Permit Revision

ARM 17.8, Subchapter 12, Operating Permit Program §1224(1)-(3), (5)&(6)

1. The permittee is authorized to make changes within the facility as described below, provided the following conditions are met:

   a. The proposed changes do not require the permittee to obtain a Montana Air Quality Permit under ARM Title 17, Chapter 8, Subchapter 7;

b. The proposed changes are not modifications under Title I of the FCAA, or as defined in ARM Title 17, Chapter 8, Subchapters 8, 9, or 10;

c. The emissions resulting from the proposed changes do not exceed the emissions allowable under this permit, whether expressed as a rate of emissions or in total emissions;

d. The proposed changes do not alter permit terms that are necessary to enforce applicable emission limitations on emission units covered by the permit; and

e. The facility provides the administrator and DEQ with written notification at least 7 days prior to making the proposed changes.

2. The permittee and DEQ shall attach each notice provided pursuant to 1.e above to their respective copies of this permit.

3. Pursuant to the conditions above, the permittee is authorized to make Section 502(b)(10) changes, as defined in ARM 17.8.1201(30), without a permit revision. For each such change, the written notification required under 1.e above shall include a description of the change within the source, the date on which the change will occur, any change in emissions, and any permit term or condition that is no longer applicable as a result of the change.

4. The permittee may make a change not specifically addressed or prohibited by the permit terms and conditions without requiring a permit revision, provided the following conditions are met:

   a. Each proposed change does not weaken the enforceability of any existing permit conditions;

   b. DEQ has not objected to such change;

   c. Each proposed change meets all applicable requirements and does not violate any existing permit term or condition; and

   d. The permittee provides contemporaneous written notice to DEQ and the administrator of each change that is above the level for insignificant emission units as defined in ARM 17.8.1201(22) and 17.8.1206(3), and the written notice describes each such change, including the date of the change, any change in emissions, pollutants emitted, and any applicable requirement that would apply because of the change.

5. The permit shield authorized by ARM 17.8.1214 shall not apply to changes made pursuant to ARM 17.8.1224(3) and (5) but is applicable to terms and conditions that allow for increases and decreases in emissions pursuant to ARM 17.8.1224(4).

K. Significant Permit Modifications

ARM 17.8, Subchapter 12, Operating Permit Program §1227(1), (3)&(4)

1. The modification procedures set forth in 2 below must be used for any application requesting a significant modification of this permit. Significant modifications include the following:

   a. Any permit modification that does not qualify as either a minor modification or as an administrative permit amendment;

   b. Every significant change in existing permit monitoring terms or conditions;

   c. Every relaxation of permit reporting or recordkeeping terms or conditions that limit DEQ's ability to determine compliance with any applicable rule, consistent with the requirements of the rule; or

   d. Any other change determined by DEQ to be significant.

2. Significant modifications shall meet all requirements of ARM Title 17, Chapter 8, including those for applications, public participation, and review by affected states and the administrator, as they apply to permit issuance and renewal, except that an application for a significant permit modification need only address in detail those portions of the permit application that require revision, updating, supplementation or deletion.

3. The permit shield provided for in ARM 17.8.1214 shall extend to significant modifications.

L. Reopening for Cause

ARM 17.8, Subchapter 12, Operating Permit Program §1228(1)&(2)

This permit may be reopened and revised under the following circumstances.

1. Additional applicable requirements under the FCAA become applicable to the facility when the permit has a remaining term of 3 or more years. Reopening and revision of the permit shall be completed no later than 18 months after promulgation of the applicable requirement. No reopening is required under ARM 17.8.1228(1)(a) if the effective date of the applicable requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms or conditions have been extended pursuant to ARM 17.8.1220(12) or 17.8.1221(2);

2. Additional requirements (including excess emission requirements) become applicable to an affected source under the Acid Rain Program. Upon approval by the administrator, excess emission offset plans shall be deemed incorporated into the permit;

3. DEQ or the administrator determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emission standards or other terms or conditions of the permit; or

4. The administrator or DEQ determines that the permit must be revised or revoked and reissued to ensure compliance with the applicable requirements.

M. Permit Expiration and Renewal

ARM 17.8, Subchapter 12, Operating Permit Program §1210(2)(g), §1220(11)&(12), and §1205(2)(d)

1. This permit is issued for a fixed term of 5 years.

2. Renewal of this permit is subject to the same procedural requirements that apply to permit issuance, including those for application, content, public participation, and affected state and administrator review.

3. Expiration of this permit terminates the permittee's right to operate unless a timely and administratively complete renewal application has been submitted consistent with ARM 17.8.1221 and 17.8.1205(2)(d). If a timely and administratively complete application has been submitted, all terms and conditions of the permit, including the application shield, remain in effect after the permit expires until the permit renewal has been issued or denied.

4. For renewal, the permittee shall submit a complete air quality operating permit application to DEQ not later than 6 months prior to the expiration of this permit, unless otherwise specified. If necessary to ensure that the terms of the existing permit will not lapse before renewal, DEQ may specify, in writing to the permittee, a longer period for submission of the renewal application. Such written notification must be provided at least 1 year before the renewal application due date established in the existing permit.

N. Severability Clause

ARM 17.8, Subchapter 12, Operating Permit Program §1210(2)(i)&(l)

1. The administrative appeal or subsequent judicial review of the issuance by DEQ of an initial permit under this subchapter shall not impair in any manner the underlying applicability of all applicable requirements, and such requirements continue to apply as if a final permit decision had not been reached by DEQ.

2. If any provision of a permit is found to be invalid, all valid parts that are severable from the invalid part remain in effect. If a provision of a permit is invalid in one or more of its applications, the provision remains in effect in all valid applications that are severable from the invalid applications.

O. Transfer of Assignment of Ownership

ARM 17.8, Subchapter 12, Operating Permit Program §1225(2)&(4)

1. If an administrative permit amendment involves a change in ownership or operational control, the applicant must include in its request to DEQ a written agreement containing a specific date for the transfer of permit responsibility, coverage, and liability between the current and new permittee.

2. The permit shield provided for in ARM17.8.1214 shall not extend to administrative permit amendments.

P. Emissions Trading, Marketable Permits, Economic Incentives
ARM 17.8, Subchapter 12, Operating Permit Program §1226(2)

Notwithstanding ARM 17.8.1226(1) and (7), minor air quality operating permit modification procedures may be used for permit modifications involving the use of economic incentives, marketable permits, emissions trading, and other similar approaches, to the extent that such minor permit modification procedures are explicitly provided for in the Montana State Implementation Plan or in applicable requirements promulgated by the administrator.

Q. No Property Rights Conveyed
ARM 17.8, Subchapter 12, Operating Permit Program §1210(2)(d)

This permit does not convey any property rights of any sort, or any exclusive privilege.

R. Testing Requirements
ARM 17.8, Subchapter 1, General Provisions §105

The permittee shall comply with ARM 17.8.105.

S. Source Testing Protocol
ARM 17.8, Subchapter 1, General Provisions §106

The permittee shall comply with ARM 17.8.106.

T. Malfunctions
ARM 17.8, Subchapter 1, General Provisions §110

The permittee shall comply with ARM 17.8.110.

U. Circumvention
ARM 17.8, Subchapter 1, General Provisions §111

The permittee shall comply with ARM 17.8.111.

V. Motor Vehicles
ARM 17.8, Subchapter 3, Emission Standards §325

The permittee shall comply with ARM 17.8.325.

W. Annual Emissions Inventory
ARM 17.8, Subchapter 5, Air Quality Permit Application, Operation and Open Burning Fees §505 (STATE ONLY)

The permittee shall supply DEQ with annual production and other information for all emission units necessary to calculate actual or estimated actual amount of air pollutants emitted during each calendar year. Information shall be gathered on a calendar-year basis and submitted to DEQ by the date required in the emission inventory request, unless otherwise specified in this permit. Information shall be in the units required by DEQ.

X. Open Burning

ARM 17.8, Subchapter 6, Open Burning §604, 605 and 606

The permittee shall comply with ARM 17.8.604, 605 and 606.

Y. Montana Air Quality Permits

ARM 17.8, Subchapter 7, Permit, Construction and Operation of Air Contaminant Sources §745 and 764

1. Except as specified, no person shall construct, install, modify or use any air contaminant source or stack associated with any source without first obtaining a permit from DEQ or Board. A permit is not required for those sources or stacks as specified by ARM 17.8.744(1)(a)-(k).

2. The permittee shall comply with ARM 17.8.743, 744, 745, 748, and 764.

3. ARM 17.8.745(1) specifies de minimis changes as construction or changed conditions of operation at a facility holding a Montana Air Quality Permit (MAQP)issued under Chapter 8 that does not increase the facility's potential to emit by more than 5 tons per year of any pollutant, except:

   a. Any construction or changed condition that would violate any condition in the facility's existing MAQP or any applicable rule contained in Chapter 8 is prohibited, except as provided in ARM 17.8.745(2);

   b. Any construction or changed conditions of operation that would qualify as a major modification under Subchapters 8, 9 or 10 of Chapter 8;

   c. Any construction or changed condition of operation that would affect the plume rise or dispersion characteristic of emissions that would cause or contribute to a violation of an ambient air quality standard or ambient air increment as defined in ARM 17.8.804;

   d. Any construction or improvement project with a potential to emit more than 5 tons per year may not be artificially split into smaller projects to avoid Montana Air Quality Permitting; or

   e. Emission reductions obtained through offsetting within a facility are not included when determining the potential emission increase from construction or changed conditions of operation, unless such reductions are made federally enforceable

4. Any facility making a de minimis change pursuant to ARM 17.8.745(1) shall notify DEQ if the change would include a change in control equipment, stack height, stack diameter, stack gas temperature, source location or fuel specifications, or would result in an increase in source capacity above its permitted operation or the addition of a new emission unit. The notice must be submitted, in writing, 10 days prior to start up or use of the proposed de minimis change, or as soon as reasonably practicable in the event of an unanticipated circumstance causing the de minimis change and must include the information requested in ARM 17.8.745(1).

Z. National Emission Standard for Asbestos
40 CFR, Part 61, Subpart M

The permittee shall not conduct any asbestos abatement activities except in accordance with 40 CFR 61, Subpart M (National Emission Standard for Hazardous Air Pollutants for Asbestos).

AA. Asbestos
ARM 17.74, Subchapter 3, General Provisions and Subchapter 4, Fees

The permittee shall comply with ARM 17.74.301, *et seq*., and ARM 17.74.401, *et seq*. (State only)

BB. Stratospheric Ozone Protection - Servicing of Motor Vehicle Air Conditioners
40 CFR, 82, Subpart B

If the permittee performs a service on motor vehicles and this service involves ozone-depleting substance/refrigerant in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR 82, Subpart B.

CC. Stratospheric Ozone Protection – Recycling and Emission Reductions
40 CFR, 82, Subpart F

The permittee shall comply with the standards for recycling and emission reductions in 40 CFR 82, Subpart F, except as provided for MVACs in Subpart B:

1. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to §82.156;

2. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to §82.158;

3. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technical certification program pursuant to §82.161;

4. Persons disposing of small appliances, MVACs and MVAC-like (as defined at §82.152) appliances must comply with recordkeeping requirements pursuant to §82.166;

5. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to §82.156; and

6. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to §82.166.

DD. Emergency Episode Plan

The permittee shall comply with the requirements contained in Chapter 9.7 of the State of Montana Air Quality Control Implementation Plan.

Each major source emitting 100 tons per year located in a Priority I Air Quality Control Region, shall submit to DEQ a legally enforceable Emergency Episode Action Plan (EEAP) that details

how the source will curtail emissions during an air pollutant emergency episode. The industrial EEAP shall be in accordance with DEQ's EEAP and shall be submitted according to a timetable developed by DEQ, following Priority I reclassification.

EE. Definitions

Terms not otherwise defined in this permit or in the Definitions and Abbreviations Appendix - B of this permit, shall have the meaning assigned to them in the referenced regulations.

APPENDICES

Appendix - A INSIGNIFICANT EMISSION UNITS

Disclaimer: The information in this appendix is not State or Federally enforceable, but is presented to assist SMC, the permitting authority, inspectors, and the public.

Pursuant to ARM 17.8.1201(22)(a), an insignificant emission unit means any activity or emissions unit located within a source that: (i) has a potential to emit less than five tons per year of any regulated pollutant; (ii) has a potential to emit less than 500 pounds per year of lead; (iii) has a potential to emit less than 500 pounds per year of hazardous air pollutants listed pursuant to Section 7412 (b) of the FCAA; and (iv) is not regulated by an applicable requirement, other than a generally applicable requirement that applies to all emission units subject to Subchapter 12.

List of Insignificant Activities:

The following table listing insignificant sources and/or activities was provided by SMC. Because there are no requirements to update such a list, the emission units and/or activities may change from those specified in the table.

Emission Unit ID	Description
IEU01	Grinding Mills (wet process)
IEU02	Cycloning (wet processes)
IEU03	Floatation Circuit (wet processes)
IEU04	Thickener (wet processes)
IEU05	Vacuum Filter (wet processes)
IEU06	Paste Plant Operations
IEU07	Open Burning
IEU08	Diesel Fuel Storage Tanks
IEU09	Underground Crusher and Cement Rock Fill Plant

Appendix - B DEFINITIONS and ABBREVIATIONS

"Act" means the Clean Air Act, as amended, 42 U.S. 7401, *et seq*.

"Administrative permit amendment" means an air quality operating permit revision that:

(a) corrects typographical errors;

(b) identifies a change in the name, address or phone number of any person identified in the air quality operating permit, or identifies a similar minor administrative change at the source;

(c) requires more frequent monitoring or reporting by SMC;

(d) requires changes in monitoring or reporting requirements that DEQ deems to be no less stringent than current monitoring or reporting requirements;

(e) allows for a change in ownership or operational control of a source if DEQ has determined that no other change in the air quality operating permit is necessary, consistent with ARM 17.8.1225; or

(f) incorporates any other type of change, which DEQ has determined to be similar to those revisions set forth in (a)-(e), above.

"Applicable requirement" means all of the following as they apply to emission units in a source requiring an air quality operating permit (including requirements that have been promulgated or approved by DEQ or the administrator through rule making at the time of issuance of the air quality operating permit, but have future-effective compliance dates, provided that such requirements apply to sources covered under the operating permit):

(a) any standard, rule, or other requirement, including any requirement contained in a consent decree or judicial or administrative order entered into or issued by DEQ, that is contained in the Montana state implementation plan approved or promulgated by the administrator through rule making under Title I of the FCAA;

(b) any federally enforceable term, condition or other requirement of any Montana Air Quality Permit issued by DEQ under Subchapters 7, 8, 9 and 10 of this chapter, or

pursuant to regulations approved or promulgated through rule making under Title I of the FCAA, including parts C and D;

(c) any standard or other requirement under Section 7411 of the FCAA, including Section 7411(d);

(d) any standard or other requirement under Section 7412 of the FCAA, including any requirement concerning accident prevention under Section 7412(r)(7), but excluding the contents of any risk management plan required under Section 7412(r);

(e) any standard or other requirement of the acid rain program under Title IV of the FCAA or regulations promulgated thereunder;

(f) any requirements established pursuant to Section 7661c(b) or Section 7414(a)(3) of the FCAA;

(g) any standard or other requirement governing solid waste incineration, under Section 7429 of the FCAA;

(h) any standard or other requirement for consumer and commercial products, under Section 7511b(e) of the FCAA;

(i) any standard or other requirement for tank vessels, under Section 7511b(f) of the FCAA;

(j) any standard or other requirement of the regulations promulgated to protect stratospheric ozone under Title VI of the FCAA, unless the administrator determines that such requirements need not be contained in an air quality operating permit;

(k) any national ambient air quality standard or increment or visibility requirement under part C of Title I of the FCAA, but only as it would apply to temporary sources permitted pursuant to Section 7661c(e) of the FCAA; or

(l) any federally enforceable term or condition of any air quality open burning permit issued by DEQ under Subchapter 6.

"Department" means the Montana Department of Environmental Quality.

"Emissions unit" means any part or activity of a stationary source that emits or has the potential to emit any regulated air pollutant or any pollutant listed under Section 7412(b) of the FCAA. This term is not meant to alter or affect the definition of the term "unit" for purposes of Title IV of the FCAA.

"FCAA" means the Federal Clean Air Act, as amended.

"Federally enforceable" means all limitations and conditions which are enforceable by the administrator, including those requirements developed pursuant to 40 CFR Parts 60 and 61, requirements within the Montana state implementation plan, and any permit requirement established pursuant to 40 CFR 52.21 or under regulations approved pursuant to 40 CFR 51, Subpart I, including operating permits issued under an EPA approved program that is incorporated into the

Montana state implementation plan and expressly requires adherence to any permit issued under such program.

"Fugitive emissions" means those emissions, which could not reasonably pass through a stack, chimney, vent, or other functionally equivalent opening.

"General air quality operating permit" or **"general permit"** means an air quality operating permit that meets the requirements of ARM 17.8.1222, covers multiple sources in a source category, and is issued in lieu of individual permits being issued to each source.

"Hazardous air pollutant" means any air pollutant listed as a hazardous air pollutant pursuant to Section 112(b) of the FCAA.

"Non-federally enforceable requirement" means the following as they apply to emission units in a source requiring an air quality operating permit:

(a) any standard, rule, or other requirement, including any requirement contained in a consent decree, or judicial or administrative order entered into or issued by DEQ, that is not contained in the Montana state implementation plan approved or promulgated by the administrator through rule making under Title I of the FCAA;

(b) any term, condition or other requirement contained in any MAQP issued by DEQ under Subchapters 7, 8, 9 and 10 of this chapter that is not federally enforceable;

(c) does not include any Montana ambient air quality standard contained in Subchapter 2 of this chapter.

"Permittee" means the owner or operator of any source subject to the permitting requirements of this subchapter, as provided in ARM 17.8.1204, that holds a valid air quality operating permit or has submitted a timely and complete permit application for issuance, renewal, amendment, or modification pursuant to this subchapter.

"Regulated air pollutant" means the following:

(a) nitrogen oxides or any volatile organic compounds;

(b) any pollutant for which a national ambient air quality standard has been promulgated;

(c) any pollutant that is subject to any standard promulgated under Section 7411 of the FCAA;

(d) any Class I or II substance subject to a standard promulgated under or established by Title VI of the FCAA; or

(e) any pollutant subject to a standard or other requirement established or promulgated under Section 7412 of the FCAA, including but not limited to the following:

(i) any pollutant subject to requirements under Section 7412(j) of the FCAA. If the administrator fails to promulgate a standard by the date established in Section 7412(e) of the FCAA, any pollutant for which a subject source would be major shall be considered to be regulated on the date 18 months after the applicable date established in Section 7412(e) of the FCAA ;

(ii) any pollutant for which the requirements of Section 7412(g)(2) of the FCAA have been met but only with respect to the individual source subject to Section 7412(g)(2) requirement.

"Responsible official" means one of the following:

(a) For a corporation: a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation, or a duly authorized representative of such person if the representative is responsible for the overall operation of one or more manufacturing, production, or operating facilities applying for or subject to a permit and either:

(i) the facilities employ more than 250 persons or have gross annual sales or expenditures exceeding $25 million (in second quarter 1980 dollars) or

(ii) the delegation of authority to such representative is approved in advance by DEQ

(b) For a partnership or sole proprietorship: a general partner or the proprietor; respectively

(c) For a municipality, state, federal, or other public agency: either a principal executive officer or ranking elected official. For the purposes of this part, a principal executive officer of a federal agency includes the chief executive officer having responsibility for the overall operations of a principal geographic unit of the agency (e.g., a regional administrator of the environmental protection agency).

(d) For affected sources: the designated representative in so far as actions, standards, requirements, or prohibitions under Title IV of the FCAA or the regulations promulgated thereunder are concerned, and the designated representative for any other purposes under this subchapter.

Abbreviations:

ARM	Administrative Rules of Montana
ASTM	American Society of Testing Materials
BACT	Best Available Control Technology
BTU	British Thermal Unit
CFR	Code of Federal Regulations
CO	carbon monoxide
DEQ	Department of Environmental Quality
dscf	dry standard cubic foot
dscfm	dry standard cubic foot per minute
EEAP	Emergency Episode Action Plan
EPA	U.S. Environmental Protection Agency
EPA Method	Test methods contained in 40 CFR 60, Appendix A
EU	emissions unit
FCAA	Federal Clean Air Act
gr	grains
HAP	hazardous air pollutant
IEU	insignificant emissions unit
Method 5	40 CFR 60, Appendix A, Method 5
Method 9	40 CFR 60, Appendix A, Method 9
MMBTU	million British Thermal Units
NO_x	oxides of nitrogen
NO_2	nitrogen dioxide
O_2	oxygen
Pb	lead
PM	particulate matter
PM_{10}	particulate matter less than 10 microns in size
psi	pounds per square inch
scf	standard cubic feet
SIC	Source Industrial Classification
SO_2	sulfur dioxide
SO_x	oxides of sulfur
tpy	tons per year
U.S.C.	United States Code
VE	visible emissions
VOC	volatile organic compound

Appendix - C NOTIFICATION ADDRESSES

Compliance Notifications:

Montana Department of Environmental Quality
Air, Energy & Mining Division
Air Quality Bureau
P.O. Box 200901
Helena, MT 59620-0901
deq-armb-admin@mt.gov

Enforcement and Compliance Assurance Division
Air Enforcement Branch
US EPARegion VIII, Montana Office
10 W 15th Street, Suite 3200
Helena, MT 59626

Permit Modifications:

Montana Department of Environmental Quality
Air, Energy & Mining Division
Air Quality Bureau
P.O. Box 200901
Helena, MT 59620-0901
deq-armb-admin@mt.gov

Air and Radiation Division
Permit and Monitoring Branch
US EPA Region VIII 8ARD-PM
1595 Wynkoop Street
Denver, CO 80202-1129

Appendix - D AIR QUALITY INSPECTOR INFORMATION

Disclaimer: The information in this appendix is not State or Federally enforceable but is presented to assist SMC, permitting authority, inspectors, and the public.

1. **Directions to Plant:** The Stillwater Mine is located in Nye, Montana. Directions to the mine from Interstate 90 are as follows: From the Columbus, MT exit, go South on Highway 78 to its junction with Highway 420. Go West on Highway 420 to the town of Nye, MT. The facility is located approximately 6 miles southwest of Nye, MT.

2. **Safety Equipment Required:**

- Hard Hat
- Hearing Protection
- Steel Toed Footwear
- Safety Glasses
- Safety Vest

3. **Facility Plot Plan:** The facility plot plan was submitted as part of the permit application. A copy can be obtained from DEQ upon request.