DES
DEPARTMENT OF ENVIRONMENT AND SUSTAINABILITY
air quality desert conservation PROGRAM sustainability

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PART 70 OPERATING PERMIT

SOURCE ID: 00372

Amrize Southwest Incorporated
5300 Sloan Road
Las Vegas, Nevada 89124

ISSUED ON: September 9, 2025 **EXPIRES ON: September 8, 2030**

Current action: Renewal

Issued to:

Amrize Southwest Incorporated
4675 West Teco Avenue
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Las Vegas, Nevada 89118

Responsible Official:

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NATURE OF BUSINESS:

Primary SIC 2951: Asphalt Paving Mixtures and Blocks
Primary NAICS 324121: Asphalt Paving Mixture and Block Manufacturing

Secondary SIC 1442: Construction Sand and Gravel
Secondary NAICS 212321: Construction Sand and Gravel

Issued by the Clark County Department of Environment and Sustainability/Division of Air Quality in accordance with Section 12.5 of the Clark County Air Quality Regulations.

Santosh Mathew, Permitting Manager

EXECUTIVE SUMMARY

Amrize Soutwest Incorporated is a hot mix asphalt plant, operating in the Hydrographic Area of 212 – Las Vegas Valley. Hydrographic Area 212 is currently designated as an attainment area for all regulated air pollutants except ozone, for which it was classified as a serious nonattainment area on January 21, 2025.

Amrize Soutwest Incorporated is a categorical source, as defined in AQR 12.2.2(j), and as a result, the fugitive emissions from stockpiles, haul roads, drilling, blasting, and mining will be taken into account, when calculating and/or determining the emissions for source status.

With the fugitive emissions taken into account, Amrize Soutwest Incorporated is a major Part 70 source of PM_{10}, a synthetic minor source of $PM_{2.5}$, NO_x, CO, and VOC, and a minor source of SO_2, and HAP.

Amrize Soutwest Incorporated is also a source of greenhouse gases (GHG). DAQ will continue to require Amrize Soutwest Incorporated to estimate their GHG potential to emit in terms of each individual pollutant (CO_2, CH_4, N_2O, SF_6 etc). The TSD includes these PTEs for informational purposes.

After a technical review of the application (submitted by Amrize Southwest Incorporated), DAQ is issuing a Renewal with Revisions to the Part 70 Operating Permit. This will include modifications to the West Screen Plant, the Secondary Feed Plant, and the Asphalt System Plant.

Amrize Soutwest Incorporated will continue to be subject to the federal requirements of 40 CFR Part 60 Subpart OOO, 40 CFR Part 60 Subpart I, 40 CFR Part 60 Subpart IIII, and 40 CFR Part 63 Subpart ZZZZ.

And, Amrize Soutwest Incorporated will continue to be designated as an existing Part 70 stationary source because the Source PTE (with fugitives) is above the major source threshold of 100 tons per year for $PM_{10,}$ but below the major source threshold of 250 tons year for a major PSD source. The Source PTE provided below in Table ES-1.

Table ES-1. Source PTE – Summary (tons per year)

Pollutants	PM_{10}	$PM_{2,}5$	NO_x	CO	SO_2	VOC	HAP	H_2S	GHG
PTE (without fugitives)	100.64	21.75	36.40	47.68	1.33	14.65	1.88	5.99	15,453.18
PTE (with fugitives)	175.31	32.44	42.34	78.40	1.33	14.65	1.88	5.99	15,453.18

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Common Acronyms and Abbreviations

(These terms may be seen in the permit)

Acronym	Term
ANFO	ammonium nitrate-fuel oil
AQR	Clark County Air Quality Regulation
ATC	Authority to Construct
BLM	Bureau of Land Management
CF	control factor
CFR	Code of Federal Regulations
CO	carbon monoxide
CO_2	carbon dioxide
CO_2e	carbon dioxide equivalent
CD	control device
DAQ	Division of Air Quality
DES	Clark County Department of Environment and Sustainability
DOM	date of manufacture
EF	emissions factor
EPA	U.S. Environmental Protection Agency
EU	emission unit
g/dscm	gram per dry standard cubic meter
gr/dscf	grains per dry standard cubic feet
GHG	greenhouse gas
HA	Hydrographic Area
HAP	hazardous air pollutant
hp	horsepower
kW	kilowatts
MMBtu/hr	Million British Thermal Units per Hour
NAAQS	National Ambient Air Quality Standard
NAICS	North American Industry Classification System
NO_X	nitrogen oxide(s)
$PM_{2.5}$	particulate matter less than 2.5 microns in aerodynamic diameter
PM_{10}	particulate matter less than 10 microns in aerodynamic diameter
PSD	prevention of significant deterioration
PTE	potential to emit
RACT	Reasonably Achievable Control Technology
SCC	Source Classification Code
SIC	Standard Industrial Classification
SIP	State Implementation Plan
SO_2	sulfur dioxide

Acronym	Term
SOP	standard operating procedure
TDS	Total Dissolved Solids
TPH	tons per hour
UTM	Universal Transverse Mercator
VGF	vibrating grizzly feeder
VMT	vehicle miles traveled
VOC	volatile organic compound

1.0 EQUIPMENT

1.1 EMISSION UNITS

1. The stationary source covered by this Part 70 Operating Permit (Part 70 OP) consists of the emission units and associated appurtenances, summarized in Table 1-1. *[Authority to Construct Condition IV-A-1 (October 18, 2012), Title V Operating Permit (November 6, 2019), Title V Operating Permit (April 16, 2020), Title V Authority to Construct (August 3, 2023), Application for Renewal for Revision to Operating Permit (August 22, 2023,) and AQR 12.5.2.3]*

Table 1-1. List of Emission Units

EU	Rating	Description	Make	MN	SN
Primary Feed Plant					
A02	2,100 TPH	Gyratory Crusher		54 x 88	7207618003
A012		Stacker 3 to Stockpile			
Secondary Feed Plant					
A013a		VGF 1 (baghouse)			
A013b		VGF 2 (baghouse)			
A013c		VGF 3 (baghouse)			
A013d		VGF 4 (baghouse)			
A130		Upper Tunnel Belt (1 drop point)(baghouse)	To Simplicity Feed Belt		
A129a	2,600 TPH	Screen (baghouse)	TBD	TBD	TBD
A129b		Conveyor System (2 drop points)(baghouse)	to simplicility cross belt and free run belt		
A020	975 TPH	Crusher (with under canica belt)(baghouse)	Hazmag	APS1430KN	HU1789
A022		Splitter (3 drop points)(baghouse)			
A025a	682 TPH	Screen (baghouse)	Terex	8 x 20	TRXV8203 EDUFF2079
A026a	682 TPH	Screen (baghouse)	Terex	8 x 20	TRXV8203 EDUFF2080
A029		Canica Feed Belt (2 drop points)(baghouse)			
A030		Cross Collect Belt (3 drop points)(baghouse)			
A032	420 TPH	Crusher (with simplicity cross belt)(baghouse)	Canica	155	15513399
A040		Conveyor System (1 belt, 1 stacker)(baghouse)			
Overland Feed System					
A041a		VGF 1 (baghouse)			
A041b		VGF 2 (baghouse)			
A041c		VGF 3 (baghouse)			

A042		Overland Belt (1 drop point)(baghouse)	from Tunnel Belt		
A043		Splitter (3 drop points)(baghouse)			
A045		Stacker	to Wash Plant 1 Surge		
A046		Stacker	to Wash Plant 2 Surge		
Wash Plant 1					
A138		VGF 1			
A139		VGF 2			
A140		VGF 3			
A081		Splitter Feed Belt (1 drop point)			
A081b	640 TPH	Screen	Cedarapids	6 x 20	049950
A093a	350 TPH	South Screen	wet process		
A093b	350 TPH	Middle Screen	wet process		
A093c	350 TPH	North Screen	wet process		
A143		Canica Feed Belt (2 drop points)(wet process)	from Top Deck and Dewatering Screen		
A144		Splitter (1 drop point)(wet process)	From Canica Feed Belt		
A106	197 TPH	VSI Crusher (wet process)	Canica	100	10026992S
A103	197 TPH	VSI Crusher (wet process)	Canica	100	10026993S
A081e		Canica Return Belt (2 drop points)(wet process)	from Cemco Underbelt and to Splitter Feed Belt		
A085		Top Deck Belt (with alternate)	wet process		
A099		Middle Deck Belt (with alternate)	wet process		
A092		Finish Screen Feed Belt	wet process		
A092b	270 TPH	Finish Screen	wet process		
A110d		Rock Stacker to Rock Bin	wet process		
A092c		Rock Stacker Belt	wet process		
A106a		Splitter (with alternate)	wet process		
A098		Rock Stacker to Rock Bin	wet process		
A115		Conveyor System (1 belt, 1 stacker)(alternate)	wet process		
A091		Bottom Deck Belt (with alternate)	wet process		
A075		Chip DS Feed Belt	wet process		
A076	200 TPH	Dewatering Screen (with alternate)	wet process		
A111a		Waste Bin (2 drop points)	wet process		
A109		Sand Screw	wet process		
A113	330 TPH	Dewatering Screen	wet process		
A115		Stacker	wet process		
Wash Plant 2					
A048a	400 TPH	VGF 1			

A048b	400 TPH	VGF 2			
A049		Splitter (3 drop points)			
A051		West Under Splitter Belt (1 drop point)	Belt 22 to Belt 17		
A053		East Under Splitter Belt (1 drop point)	Belt 20 to Belt 21		
A055		East Screen	wet process		
A055a		Splitter	wet process		
A062		Chevron Belt	wet process		
A121		Dewatering Screen	wet process		
A057		Canica Belt	wet process		
A059		Crusher	wet process		
A060		Under Canica Belt	wet process		
A120e		JCI Conveyor System (2 belts)	wet process		
A120		JCI Crusher	wet process		
A120b		Conveyor System (2 belts, 1 splitter, 1 stacker)	wet process		
A068b		Alternate Stacker	wet process		
A125b		Conveyor System (1 belt, 1 stacker)	wet process		
A056		West Screen	wet process		
A056a		Splitter	wet process		
A070		West Screen Underbelt	wet process		
A078		Conveyor System (2 belts, 1 stacker)	wet process		
A074		Screw Washer (from dewatering screen)	wet process		
A127		Dewatering Screen	wet process		
A121b		Waste Belt (from dewatering screen / cyclones)	wet process		
A122a		Sand Stacker Belt	wet process		
A128		Splitter	wet process		
A122		Mason Sand Stacker	wet process		
A129		Alternate Stacker	wet process		
Rip Rap / Miscellaneous Screening Plant					
H05c		Feeder			
H08	250 TPH	Screen			
H02		Conveyor	Reject Oversize		
H02a	250 TPH	Screen			
H10		Stacker	Reject		
H05		Conveyor	Fines		
H05a		Stacker	Reject Fines		
H09		Conveyor	Belt R1 to Belt R2		
H11	250 TPH	3 Deck Screen			

H12		Conveyor System (1 belt, 1 stacker)			
H13		Conveyor System (1 belt, 1 stacker)			
H14		Conveyor System (1 belt, 1 stacker)	alternate		
West Screen Plant					
B001a		Feeder 1 (alternate)			
B101		Feeder 2 (alternate)			
B001		Conveyor System (2 belts)	Tunnel Belt and Splitter Box Feed Belt		
B004		Splitter (4 drop points)(baghouse)			
B006	220 TPH	West Screen (with underbelt)	JCI	6 x 20	98H02B32
B008	220 TPH	Middle Screen (with underbelt)	JCI	6 x 20	409440
B013	220 TPH	East Screen (with underbelt)	JCI	6 x 20	50681
B051	220 TPH	Screen 4	JCI	6 x 20	34A0995
B100	220 TPH	Screen 5 (baghouse)	TBD	TBD	TBD
B043a		Stacker 5			
B053a		Stacker 6			
B053		Stacker 7			
B037a		Conveyor Recirc 1	To Cone Crusher		
B033a		Top Deck Belt (1 drop point)			
B035	110 TPH	Cone Crusher (baghouse)	Sanvick	H6800	125892
B057a		Conveyor Recirc 2	To Cone Crusher		
B038		Middle Deck Belt			
B026a		Lower Deck Belt			
B031		Stacker			
B057b		Conveyor (alternate)	West Screen Underbelt to Lower Deck Belt		
B026b		Conveyor (alternate)	Middle Screen Underbelt to Lower Deck Belt		
B040		Conveyor (alternate)	East Screen Underbelt to Lower Deck Belt		
B102		Fines Cross Belt (3 drop points)			
B027		Conveyor System (2 belts, 1 stacker)			
Auxiliary Refeed System					
B046a		Reject Stacker (alternate)			
B056		Belt 9 (alternate)			
B003a		Reject Stacker (alternate)			
B016		Belt 16 (alternate)			
Alternate Type II Plant (alternate)					
B064		Screen SC5			
B045		Conveyor System (1 belt, 1 stacker)			

B020		Splitter	Belt 15 recirc to Splitter		
B035	110 TPH	Cone Crusher (baghouse)	Sanvick	H6800	125892
B037b		Conveyor	Belt 12 to Belt 9		
Type II Plant – Virgin and Recycle					
A012b	200 TPH	Jaw Crusher	Cedarapids	3054	47015
A012e		Conveyor	Belt 70 to Belt 2a Overland		
C001		VGF			
C004		Conveyor	Belt 3 to Belt 4		
C002	400 TPH	Jaw Crusher	Telesmith	5263HIS	232M255
C005a	400 TPH	Screen 3	Cedarapids	6 x 20	
C005b		Conveyor	Belt 4 to Belt 5		
C003b		Stacker			
C010b		Stacker			
C036		Conveyor System (1 belt, 1 stacker)			
C006a		Conveyor System (3 belts)			
C006b		Splitter			
C008	275 TPH	Screen 1	Cedarapids		46980
C009	350 TPH	Screen 2	Cedarapids		46979
C012	200 TPH	HSI Crusher	Telesmith		232M255
C013		Conveyor	Belt 11 to Belt 12		
C013a		Conveyor System (3 belts)			
C013b		Splitter			
C020		Conveyor System (2 belts, 1 stacker)			
C028		Conveyor System (3 belts, 1 stacker)			
C033		Stacker	alternate		
C034		Stacker	alternate		
C011		Conveyor	Spare Belt 9		
C035		Conveyor	Spare Belt 19		
Asphalt System Plant					
D001		10 Bin Hopper			
D011		2 RAP Hoppers			
D007		Conveyor	Conveyor 5e to Conveyor 6		
D008	360 TPH	Scalping Screen (baghouse)			
D012		Conveyor System (3 belts)	Belt 9 and 10 to Conveyor 11		
D014		Drum Mixer (baghouse)			
D010		Conveyor	Conveyor 8 to Drum Mixer		

D013		Conveyor	Conveyor 11 to Drum Mixer		
D015		Conveyor	From Drum Mixer		
D016		Asphalt Silo 1			
D017		Asphalt Silo 2			
D019a		Asphalt Silo 3			
D019b		Asphalt Silo 4			
D019c		Asphalt Silo 5			
D019i		Asphalt Silo 6			
D027		Truck Loadout (silo system)			
D026a	2.10 MMBtu/hr	Hot Oil Heater 16/17 (propane)			
D026b		Hot Oil Heater 16/17 (diesel)			
D026c		Hot Oil Heater 16/17 (natural gas)			
Road Runner Portable Screen Plant					
RS01		Hopper			
RS03	150 TPH	Screen	Road Runner	5 x 12	
RS05		Stacker			
RS07		Stacker			
RS09		Stacker			
Blending System Plant					
BS01		5 Bin Hopper			
BS02		Conveyor	Belt Feeder to Belt		
BS03		Splitter	pugmill bypass		
BS03a		Stacker	bypass		
D013d		Pugmill Mixer	Davis	1500 Dase	10691500
BS08		Conveyor System (1 belt, 1 stacker)			
BS05a		Conveyor	Belt to Pugmill		
D013a		Lime Silo (bin vent)			
BS06a		Auxiliary Silo (cement / lime)(bin vent)			
BS06		Guppy Silo (bin vent)			
Coyote Portable Plant					
CY01		Grizzly Feeder			
CY02		Conveyor			
CY03	250 TPH	Screen	Cedarapids	6 x 20	49499
CY04		Conveyor System (1 belt, 1 stacker)			
CY05		Conveyor System (1 belt, 1 stacker)			
CY07		Conveyor System (1 belt, 1 stacker)			

Portable Crushing Plant					
PC00		VGF	Cedarapids	3054	4826
PC01	500 TPH	Jaw Crusher			
PC02	500 TPH	3 Deck Screen	Cedarapids	1316	41682204787
PC03	500 TPH	Cone Crusher			41682204787
PC04		Conveyor (recirc)			41682204787
PC05	500 TPH	Conveyor System (1 belt, 1 stacker)			
PC06		Conveyor System (1 belt, 1 stacker)			
PC07		Truck Loadout			
Miscellaneous					
MB01		Media Blasting Operations			
FT01	500 gallons	Aboveground Storage Tank – Regular			
FT02	500 gallons	Aboveground Storage Tank – Regular			
Power Generation					
A123	306 hp	Continuous-Duty Generator Diesel Engine DOM Pre 2006	Caterpillar	3306	8JJ00309
A123b	605 hp	Continuous-Duty Generator Diesel Engine DOM 2008	Cummins	QSX15G9	J080217074F
A123c	300 kW	Continuous-Duty Generator	Caterpillar	WQ300	0GHJ00464
	480 hp	Diesel Engine DOM 2005	Caterpillar	C9	0GHJ00464
CY09	680 hp	Continuous-Duty Generator Diesel Engine DOM 2008	Cummins	QSX15G9	79346685
RS10	58 hp	Continuous-Duty Generator Diesel Engine DOM Pre 2006	Deutz	n/a	n/a
PC09	410 kW 605 hp	Continuous-Duty Generator Diesel Engine DOM 2008	Cummins	450DFEJ	H0802170744
Fugitives					
A001		Mining – Primary Feed Plant			
C001a		Mining – Type II Plant (Virgin / Recycle)			
A001b		Drilling			
A001a		Blasting			

H06		Paved Haul Road			
PC08		Unpaved Haul Road			
G01	51.0 acres	Stockpiles			

1.2 INSIGNIFICANT ACTIVITIES

The units in Table 1-2 are present at this source, but are insignificant activities pursuant to AQR 12.5.2.5. The emissions from these units or activities, when added to the PTE of the source, will not make the source major for any additional pollutant.

Table 1-2. Summary of Insignificant Activities

Capacity	Description
20,402 gallons	Aboveground Storage Tank – Diesel
10,000 gallons	Aboveground Storage Tank – Diesel
0.900 MMBtu/hr	Natural Gas Water Heater
0.900 MMBtu/hr	Natural Gas Water Heater
0.900 MMBtu/hr	Natural Gas Water Heater

1.3 NONROAD ENGINES

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

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

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

2.0 CONTROLS

2.1 CONTROL DEVICES

1. The permittee shall operate each baghouse at all times any affected emission unit is operating, as indicated in Table 2-1. *[Authority to Construct Operating Permit Modification 4 Condition III-B-1 (December 11, 2006) and Application for Renewal with Revisions (August 22, 2023)]*

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

EU	Device Type	Equipment	Pollutant
A013 (a-d)	Baghouse 1	VGF 1-4	PM_{10} / $PM_{2.5}$
A130		Upper Tunnel Belt	
A129a		Screen	
A129b		Conveyor System	
A020		Crusher	
A022		Splitter	
A025a		Screen	
A026a		Screen	
A029		Conveyor	
A030		Conveyor	
A032		Crusher	
A040		Conveyor System	
A041 (a-c)		VGF 1-3	
A042		Overland Belt	
A043		Splitter	
B004	Baghouse 2	Splitter	PM_{10} / $PM_{2.5}$
B035		Cone Crusher	
B100		Screen	
D008	Baghouse 3	Scalping Screen	PM_{10} / $PM_{2.5}$
D014		Drum Mixer	

2.2 CONTROL REQUIREMENTS

Primary Feed Plant

1. The permittee shall incorporate, and maintain in good operating condition at all times, an effective water suppression system to control visible emissions within allowable opacity limits for the Primary Feed Plant (EUs: A02 and A012). *[ATC/OP Modification 4 Condition III-B-23 (December 11, 2006), Minor Revision to Part 70 OP (August 22, 2019), and Application for Renewal with Revisions (August 22, 2023)]*

Secondary Feed Plant

2. The permittee shall incorporate, and maintain in good operating condition at all times, an effective water suppression system to control visible emissions within allowable opacity limits for the Secondary Feed Plant (EU: A022). *[ATC/OP Modification 4 Condition III-B-23 (December 11, 2006), Minor Revision to Part 70 OP (August 22, 2019), and Application for Renewal with Revisions (August 22, 2023)]*

Overland Feed Plant

3. The permittee shall incorporate, and maintain in good operating condition at all times, an effective water suppression system to control visible emissions within allowable opacity limits for the Overland Feed Plant (EUs: A045-A046). *[ATC/OP Modification 4 Condition III-B-23 (December 11, 2006), Minor Revision to Part 70 OP (August 22, 2019), and Application for Renewal with Revisions (August 22, 2023)]*

4. The permittee shall install and operate a dust abatement injection system on the secondary stackers (EUs: A045 and/or A046), that will inject a mixture of Earthbind 100, or a product with similar specifications set forth in Exhibit 1 of the HOO, and water to the material product stream at all times the secondary stacker operates. *[HOO November 14, 2019]*

5. The permittee shall operate and maintain the dust abatement injection system with Earthbind 100 or similar product, in good working order in accordance with the manufacturer's specifications (manufacturer's O&M manual), at all times the secondary stackers (EUs: A045 and/or A046) is in operation. *[HOO November 14, 2019]*

Wash Plant 1

6. The permittee shall incorporate, and maintain in good operating condition at all times, an effective water suppression system to control visible emissions within allowable opacity limits for the Wash Plant 1 (EUs: A138, A139, A140, A081, and A081b). *[ATC/OP Modification 4 Condition III-B-23 (December 11, 2006), Minor Revision to Part 70 OP (August 22, 2019), and Application for Renewal with Revisions (August 22, 2023)]*

7. The permittee shall operate (EUs: A093(a-c), A143, A144, A106, A103, A081e, A085, A099, A092, A092b, A110d, A092c, A106a, A098, A115, A091, A075, A076, A111a, A109, A113, and A115) as a wet process to control all visible emissions. *[ATC/OP Modification 4 Condition III-B-23 (December 11, 2006), Minor Revision to Part 70 OP (August 22, 2019), and Application for Renewal with Revisions (August 22, 2023)]*

Wash Plant 2

8. The permittee shall incorporate, and maintain in good operating condition at all times, an effective water suppression system to control visible emissions within allowable opacity limits for the Wash Plant 2 (EUs: A048a, A048b, A049, A051, and A053). *[ATC/OP Modification 4 Condition III-B-23 (December 11, 2006), Minor Revision to Part 70 OP (August 22, 2019), and Application for Renewal with Revisions (August 22, 2023)]*

9. The permittee shall operate (EUs: A055, A055a, A062, A121, A057, A059, A060, A120e, A120, A120b, A068b, A125b, A056, A056a, A070, A078, A074, A127, A121b, A122a, A128, A122, and A129) as a wet process to control all visible emissions. *[ATC/OP Modification 4 Condition III-B-23 (December 11, 2006), Minor Revision to Part 70 OP (August 22, 2019), and Application for Renewal with Revisions (August 22, 2023)]*

Rip Rap / Miscellaneous Screening Plant

10. The permittee shall incorporate, and maintain in good operating condition at all times, an effective water suppression system (including a water truck) to control visible emissions within allowable opacity limits for the Rip Rap / Miscellaneous Screening Plant (EUs: H05c, H08, H02, H02a, H10, H05, H05a, H09, H11, H12, H13, and H14). *[ATC/OP Modification 4 Condition III-B-23 (December 11, 2006), Minor Revision to Part 70 OP (August 22, 2019), and Application for Renewal with Revisions (August 22, 2023)]*

West Screen Plant

11. The permittee shall incorporate, and maintain in good operating condition at all times, an effective water suppression system to control visible emissions within allowable opacity limits for the West Screen Plant (EUs: B001a, B101, B001, B004, B006, B008, B013, B051, B100, B043a, B053a, B053, B037a, B033, B033a, B035, B057a, B038, B026a, B031, B057a, B026b, B040, B102, and B027). *[ATC/OP Modification 4 Condition III-B-23 (December 11, 2006), Minor Revision to Part 70 OP (August 22, 2019), and Application for Renewal with Revisions (August 22, 2023)]*

Aux Refeed System

12. The permittee shall incorporate, and maintain in good operating condition at all times, an effective water suppression system to control visible emissions within allowable opacity limits for the Aux Refeed System (EUs: B046a, B056, B003a, and B016). *[ATC/OP Modification 4 Condition III-B-23 (December 11, 2006), Minor Revision to Part 70 OP (August 22, 2019), and Application for Renewal with Revisions (August 22, 2023)]*

Alternate Type II Plant

13. The permittee shall incorporate, and maintain in good operating condition at all times, an effective water suppression system to control visible emissions within allowable opacity limits for the Alternate Type II Plant (EUs: B064, B045, B020, B035, and B037b). *[ATC/OP Modification 4 Condition III-B-23 (December 11, 2006), Minor Revision to Part 70 OP (August 22, 2019), and Application for Renewal with Revisions (August 22, 2023)]*

Type II Plant – Virgin and Recycle

14. The permittee shall incorporate, and maintain in good operating condition at all times, an effective water suppression system to control visible emissions within allowable opacity limits for the Type II Plant – Virgin and Recycle (EUs: A012b, A012e, C001, C004, C002, C005a, C005b, C003b, C010b, C036, C006a, C006b, C008, C009, C012, C013, C013a, C013b, C020, C028, C033, C034, C011, and C035). *[ATC/OP Modification 4 Condition III-B-23 (December 11, 2006), Minor Revision to Part 70 OP (August 22, 2019), and Application for Renewal with Revisions (August 22, 2023)]*

Asphalt System Plant

15. The permittee shall incorporate, and maintain in good operating condition at all times, an effective water suppression system to control visible emissions within allowable opacity limits for the Asphalt System Plant (EUs: D01, D011, D007, D012, D010, and D013). *[ATC/OP Modification 4 Condition III-B-23 (December 11, 2006), Minor Revision to Part 70 OP (August 22, 2019), and Application for Renewal with Revisions (August 22, 2023)]*

16. The permittee shall combust only natural gas in the drum mixer (EU: D014). *[AQR 12.5.2.6(d) and Application for a Renewal with Revisions (August 22, 2023)]*

17. The permittee shall operate an automated air-to-fuel ratio control system, while the drum mixer (EU: D014) is in operation. The air-to-fuel ratio control system will optimize burner performance in the drum mixer (EU: D014). *[ATC/OP Modification 4 Condition III-B-28 (December 11, 2006)]*

18. The permittee shall operate and maintain the air-to-fuel ratio control system, according to the specifications of the manufacturer. *[AQR 12.5.2.6(d) and Application for a Renewal with Revisions (August 22, 2023)]*

19. The permittee shall calibrate the air-to-fuel ratio control system, at the least, during each performance test that is conducted every 5 years. *[AQR 12.5.2.6(d) and Application for a Renewal with Revisions (August 22, 2023)]*

Road Runner Portable Screen Plant

20. The permittee shall incorporate, and maintain in good operating condition at all times, an effective water suppression system (including a water truck) to control visible emissions within allowable opacity limits for the Road Runner Portable Screen Plant (EUs: RS01, RS03, RS05, RS07, and RS09). *[ATC/OP Modification 4 Condition III-B-23 (December 11, 2006), Minor Revision to Part 70 OP (August 22, 2019), and Application for Renewal with Revisions (August 22, 2023)]*

Blending System Plant

21. The permittee shall incorporate, and maintain in good operating condition at all times, an effective water suppression system to control visible emissions within allowable opacity limits for the Blending System Plant (EUs: BS01, BS02, BS03, BS03a, BS05a, and BS08). *[ATC/OP Modification 4 Condition III-B-23 (December 11, 2006), Minor Revision to Part 70 OP (August 22, 2019), and Application for Renewal with Revisions (August 22, 2023)]*

Coyote Portable Plant

22. The permittee shall incorporate, and maintain in good operating condition at all times, an effective water suppression system (including a water truck) to control visible emissions within allowable opacity limits for the Coyote Portable Plant (EUs: CY01, CY02, CY03, CY04, CY05, and CY07). *[ATC/OP Modification 4 Condition III-B-23 (December 11, 2006), Minor Revision to Part 70 OP (August 22, 2019), and Application for Renewal with Revisions (August 22, 2023)]*

Portable Crushing Plant

23. The permittee shall incorporate, and maintain in good operating condition at all times, an effective water suppression system (including a water truck) to control visible emissions within allowable opacity limits for the Portable Crushing Plant (EUs: PC00-PC06). *[ATC/OP Modification 4 Condition III-B-23 (December 11, 2006), Minor Revision to Part 70 OP (August 22, 2019), and Application for Renewal with Revisions (August 22, 2023)]*

Media Blasting

24. The permittee shall control media blasting operations by performing all blasting in an enclosure and vent the enclosure to a dust collector. *[ATC Condition IV-C-21 (October 18, 2012) and Application for Renewal with Revisions (August 22, 2023)]*

Gasoline Dispensing Operation

25. The permittee shall implement control technology requirements on gasoline dispensing equipment. *[40 CFR Part 63 Subpart CCCCCC, ATC Condition IV-C-22 (October 18, 2012), 40 CFR Part 63.11116, and Application for Renewal with Revisions (August 22, 2023)]*

26. The permittee shall install and operate all Phase I vapor recovery equipment according to certifications specified by the manufacturer, and shall maintain the equipment to be leak-free, vapor-tight, and in proper working order. *[AQR 12.5.2.6(d) and Application for Renewal with Revisions (August 22, 2023)]*

27. From October 1 to March 31 every year in the Las Vegas Valley, the Eldorado Valley, the Ivanpah Valley, the Boulder City limits, and any area within three miles of these areas, no gasoline intended as a final product for fueling motor vehicles shall be supplied or sold by any person; sold at retail; sold to a private or a municipal fleet for consumption; or introduced into any motor vehicle by any person unless the gasoline has at least 3.5 percent oxygen content by weight. *[AQRs 53.1.1 & 53.2.1]*

28. If a gasoline storage tank in the Las Vegas Valley, the Eldorado Valley, the Ivanpah Valley, the Boulder City limits, and any area within three miles of these areas, receives its last gasoline delivery with less than 3.5 percent oxygen content by weight before September 15, gasoline dispensed from that tank will be exempt from enforcement of Section 53.2.1 until the first delivery date after October 1. *[AQR 53.5.1.1]*

29. The permittee shall not allow gasoline to be handled in a manner that would result in vapor releases to the atmosphere for extended periods of time. Preventative measures to be taken include, but are not limited to, the following: *[40 CFR Parts 63.11116 & 63.11117]*

    a. Minimize gasoline spills;

    b. Clean up spills as expeditiously as practicable;

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

    d. Only load gasoline into storage tanks using a submerged fill tube where the greatest distance from the bottom of the storage tank to the point of the fill tube opening is no more than six inches.

Gasoline Dispensing Operation - Fuel Delivery

30. The permittee shall comply with good management practices during the unloading of cargo, as follows: *[ATC Condition IV-C-22 (October 18, 2012) and AQR 12.5.2.6(d)]*

    a. All hoses in the vapor balance system shall be properly connected.

    b. The adapters or couplers that attach to the vapor line on the storage tank shall have closures that seal upon disconnect.

    c. All vapor return hoses, couplers, and adapters used in the gasoline delivery shall be vapor-tight.

    d. All tank truck vapor return equipment shall be compatible in size and form a vapor-tight connection with the vapor balance equipment on the gasoline storage tank.

    e. All hatches on the tank truck shall be closed and securely fastened.

    f. The filling of storage tanks shall be limited to unloading from vapor-tight gasoline cargo tanks carrying documentation onboard that the cargo tank has met the specifications of EPA Test Method 27.

Baghouse

31. The permittee shall use a baghouse on (EUs: A013(a-d), A130, A129a, A129b, A020, A025a, A026a, A029, A030, A032, A040, A041(a-c), A042, and A043, B004, B035, B100, D008, and D014) to control particulate emissions at all times that the processing equipment is in operation. *[AQR 12.5.2.6(d) and Application for a Renewal with Revisions (August 22, 2023)]*

32. The permittee shall maintain the pressure drop across Baghouse 1 within the range specified by the manufacturer, which is a 1.0" – 6.0" water column. *[ATC/OP Modification 4 Condition III-B-4 (December 11, 2006), AQR 12.5.2.6(d), and Application for a Renewal with Revisions (August 22, 2023)]*

33. The permittee shall maintain the pressure drop across Baghouse 2 within the range specified by the manufacturer, which is a 1.0" – 6.0" water column. *[ATC/OP Modification 4 Condition III-B-4 (December 11, 2006), AQR 12.5.2.6(d), and Application for a Renewal with Revisions (August 22, 2023)]*

34. The permittee shall maintain the pressure drop across Baghouse 3 within the range specified by the manufacturer, which is a 1.0" – 6.0" water column. *[ATC/OP Modification 4 Condition III-B-4 (December 11, 2006), AQR 12.5.2.6(d), and Application for a Renewal with Revisions (August 22, 2023)]*

35. The permittee shall vent particulate emissions from (EUs: A013(a-d), A130, A129a, A129b, A020, A025a, A026a, A029, A030, A032, A040, A041(a-c), A042, and A043) to Baghouse 1 (see Table 2-1) at all times the processing equipment is in operation. *[AQR 12.5.2.6(d) and Application for a Renewal with Revisions (August 22, 2023)]*

36. The permittee shall vent particulate emissions from (EUs: B004, B035, and B100) to Baghouse 2 (see Table 2-1) at all times the processing equipment is in operation. *[AQR 12.5.2.6(d) and Application for a Renewal with Revisions (August 22, 2023)]*

37. The permittee shall vent particulate emissions from (EUs: D008 and D014) to Baghouse 3 (see Table 2-1) at all times the processing equipment is in operation. *[AQR 12.5.2.6(d) and Application for a Renewal with Revisions (August 22, 2023)]*

38. The permittee shall operate and maintain Baghouse 1, Baghouse 2, and/or Baghouse 3, so as to effectively control particulate emissions at all times the processing equipment (see Table 2-1) is in operation. *[AQR 12.5.2.6(d) and Application for a Renewal with Revisions (August 22, 2023)]*

39. The permittee shall operate and maintain Baghouse 1, Baghouse 2, and/or Baghouse 3, in order to achieve a particulate control efficiency of 99.0% while the processing equipment (see Table 2-1) is in operation. *[AQR 12.5.2.6(d) and Application for a Renewal with Revisions (August 22, 2023)]*

40. The permittee shall maintain an effective seal around Baghouse 1, Baghouse 2, and/or Baghouse 3, by correcting all leaks adversely affecting the performance of each baghouse. *[AQR 12.5.2.6(b) and Application for a Renewal with Revisions (August 22, 2023)]*

Bin Vent

41. The permittee shall utilize a bin vent on the Lime Silo (EU: D013a), the Auxiliary Silo (EU: BS06a), and the Guppy Silo (EU: BS06) to control particulate emissions at all times the processing equipment is in operation and/or during silo loading / unloading operations. *[ATC Condition IV-C-10 (January 27, 2011), AQR 12.5.2.6(d), and Application for a Renewal with Revisions (August 22, 2023)]*

42. The permittee shall operate and maintain the bin vents on the Lime Silo (EU: D013a), the Auxiliary Silo (EU: BS06a), and the Guppy Silo (EU: BS06) to maintain a rated particulate control efficiency of at least 99.0 percent (as provided and guaranteed by the manufacturer). *[ATC Condition IV-C-10 (January 27, 2011), AQR 12.5.2.6(d), and Application for a Renewal with Revisions (August 22, 2023)]*

43. The permittee shall operate the bin vents on the Lime Silo (EU: D013a), the Auxiliary Silo (EU: BS06a), and the Guppy Silo (EU: BS06) per manufacturer's recommendations. *[ATC Condition IV-C-10 (January 27, 2011), AQR 12.5.2.6(d), and Application for a Renewal with Revisions (August 22, 2023)]*

Boilers/Water Heaters/Fuel Burning Equipment

44. The permittee shall combust only diesel, propane, and/or natural gas in the hot oil heater [EU: D026 (a-c)]. *[ATC/OP Modification 6 Condition IV-B-51, AQR 12.5.2.6(d) and Application for a Renewal with Revisions (August 22, 2023)]*

45. The permittee shall operate and maintain the hot oil heater [EU: D026 (a-c)] in accordance with the manufacturer's operations and maintenance (O&M) manual for emissions-related components. *[AQR 12.5.2.6(d) and Application for a Renewal with Revisions (August 22, 2023)]*

Generators / Engines

46. The permittee shall only combust diesel fuel with a maximum sulfur content of 15 ppm and either a minimum cetane index of 40 or a maximum aromatic content of 35% by volume in each continuous-duty generator (EUs: A123, A123b, A123c, A123d, CY09, and PC09). *[40 CFR 63.6604(b)]*

47. The permittee shall operate and maintain each continuous-duty generator (EUs: A123, A123b, A123c, A123d, CY09, RS10, and PC09) in accordance with the manufacturer's O&M manual for emissions-related components. *[ATC Condition IV-D-1 (January 31, 2014), Title V Application for OP (May 25, 2017), Minor Revision to Part 70 OP (August 22, 2019), and AQR 12.5.2.6(d)]*

48. The permittee shall control crankcase emissions on the continuous-duty generators (EUs: A123 and A123c) in accordance with one of the following conditions: *[40 CFR Part 63 Subpart ZZZZ]*

    a. A closed crankcase ventilation system that prevents crankcase emissions from being emitted to the atmosphere; or

    b. An open crankcase filtration emission control system that reduces emissions from the crankcase by filtering the exhaust stream to remove oil mist, particulates, and metals.

49. The permittee shall maintain the continuous-duty generator (EU: RS10) as follows, unless the manufacturer's specifications are more stringent: *[ATC Condition IV-C-20 (October 18, 2012), and 40 CFR Part 63.6625(i)]*

    a. Change oil and filter every 1,000 hours of operation or annually, whichever comes first;

b. Inspect air cleaners every 1,000 hours of operation or annually, whichever comes first; and

c. Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.

Drilling and Blasting

50. The permittee shall pre-water surface soils and maintain them in a stabilized condition where drills, support equipment, and vehicles will operate. *[AQR 12.5.2.6(b), AQR 40.1, and AQR 41.1]*

51. The permittee shall have a water source available and utilized during all drilling and blasting operations to minimize emissions. *[Minor Revision to OP (August 22, 2019), AQR 12.5.2.6(b), AQR 40.1, and AQR 41.1]*

52. The permittee shall document current and predicted weather conditions, as provided by the National Weather Service, before setting explosive charges in holes. *[Minor Revision to OP (August 22, 2019), AQR 12.5.2.6(b), AQR 40.1, and AQR 41.1]*

53. If the current forecast is for wind gusts of 25 mph or greater or if winds are forecast to be 25 mph or greater within the next 24 hours, the permittee shall not charge any blast holes. *[Minor Revision to OP (August 22, 2019), AQR 12.5.2.6(b), AQR 40.1, and AQR 41.1]*

54. Blasting shall not occur when wind gusts of 25 mph or more are forecast by the National Weather Service, or during the duration of a DAQ-issued construction notice or dust advisory, unless holes were already charged at the time of the forecast. *[Minor Revision to OP (August 22, 2019), AQR 12.5.2.6(b), AQR 40.1, and AQR 41.1]*

55. The permittee shall not conduct blasting within 1,500 feet of a residential area, occupied building, or major roadway when the wind direction could affect these areas. *[AQR 12.5.2.6(b), AQR 40.1, and AQR 41.1]*

56. The permittee shall water the disturbed soils or blast material to stabilize the area immediately following the blast and all-clear signal. *[AQR 12.5.2.6(b), AQR 40.1, and AQR 41.1]*

Fugitive Dust

57. The permittee shall not cause or allow the discharge of fugitive dust in excess of 100 yards from the point of origin or beyond the lot line of the property on which the emissions originate, whichever is less. *[ATC/OP Modification 4 Condition III-B20 (December 11, 2006) and AQR 12.5.2.6(d)]*

58. The permittee shall treat unpaved roads accessing or located on the stationary source so as not to exceed allowable opacity limits, and neither exceed a silt content of six percent, nor equal or exceed a silt loading 0.33 ounces/square foot, regardless of the number of vehicles. Treatment shall consist of one or more the following: watering, chemical or organic dust suppression, paving, gravelling, or alternate control measure approved by the Control Officer. *[AQR 12.5.2.6(d)]*

59. The permittee shall not track out onto a paved road mud or dirt that extends 50.0 feet or more in cumulative length from the point of origin or allow any trackout to accumulate to a depth greater than 0.25 inches. Notwithstanding the preceding, all accumulations of mud or dirt on curbs, gutters, sidewalks or paved roads including trackout less than 50 feet in length and 0.25 inches in depth, shall be cleaned of all accumulated deposits and maintained to eliminate emissions of fugitive dust. *[AQR 12.5.2.6(d)]*

60. The permittee shall control fugitive dust emissions from any disturbed open area or disturbed vacant lot that are owned or operated by the permittee by paving, applying gravel, applying a dust palliative or applying water to form a crust. *[ATC/OP Modification 5 Condition IV-B-51 and AQR 12.5.2.6(d)]*

61. The permittee shall implement long-term stabilization of disturbed surfaces when the stationary source, or a portion thereof, is to be closed or idled for a period of 30 days or more, within 10 days following the cessation of active operations. Long-term stabilization includes, but is not limited to one or more of the following: applying water to form a crust, applying palliatives, applying gravel, paving, and denying unauthorized access, or other effective control measure to prevent fugitive dust from becoming airborne. *[ATC/OP Modification 4 Condition III-B-44 (December 11, 2006) and AQR 12.5.2.6(d)]*

62. The permittee shall control particulate matter emissions from any unpaved parking lot owned or operated by the permittee by paving, applying a dust palliative or by an alternate method approved by the Control Officer regardless of the number of days of use. *[AQR 12.5.2.6(d)]*

63. The permittee shall effectively cover all loaded trucks leaving the site and carrying loose materials to reduce emissions of dust. This condition applies to trucks regardless of whether they are owned and operated by the owner/operator. *[AQR 12.5.2.6(d)]*

64. Control measures outlined in this permit, and other measures needed for maintaining dust control, shall be implemented 24 hours a day, 7 days a week. *[AQR 12.5.2.6(d)]*

Fugitive Dust – Screening

65. The permittee shall maintain optimum moisture content in soil where support equipment and vehicles will operate to prevent unstable soil conditions and limit fugitive dust until the long-term stabilization is achieved (EU: A129)

    a. Prewater surface soils where support equipment and vehicles will operate, and maintain in a moist condition.

    b. If water is not effective, apply and maintain a surfactant and/or dust palliative on surface soils as needed.

66. The permittee shall maintain optimum moisture content in material before, during, and after screening activities to limit emissions until the long-term stabilization is achieved. (EU: A129)

    a. Apply sufficient water or a dust suppressant prior to screening.

    b. Drop material through the screen slowly;

c. Minimize drop height.

d. Dedicate an adequate water source to the screening operation, and apply water as needed to minimize dust.

e. Monitor visible emissions; make adjustments to control measures to ensure compliance with opacity standards.

f. Apply water, surfactant, or dust palliative to screened material and surrounding areas following screening activities until long-term stabilization is achieved.

General

67. The permittee shall not cause, suffer, or allow the discharge from any source whatsoever such quantities of air contaminants or other material which cause a nuisance, including excessive odors. *[ATC/OP Modification 4 Condition III-B-20, AQR 40, and AQR 43]*

68. The permittee shall not cause or permit the handling, transporting, or storage of any material in a manner which allows or may allow controllable particulate matter to become airborne. *[ATC/OP Modification 5 Condition IV-B-20, Minor Revision to Part 70 OP (August 22, 2019, and AQR 41.1.2]*

69. The permittee shall comply with the control requirements in this section. If there are inconsistencies between standards and/or requirements, the most stringent standard and/or requirement shall apply. *[ATC Condition IV-C-23 (October 18, 2012)]*

3.0 LIMITATIONS AND STANDARDS

3.1 OPERATIONAL LIMITS

Primary Feed Plant

1. The permittee shall limit the throughput at the Primary Feed Plant (EUs: A02 and A012) to 5,000,000 tons per any consecutive 12-months. *[ATC/OP Modification 3 Condition III-A-3 (November 9, 2005)]*

Secondary Feed Plant

2. The permittee shall limit the throughput at the Secondary Feed Plant (EUs: A013a, A013b, A013c, A013d, A130, A129a, A129b, A020, A025a, A026a, A029, A030, A032, and A040) to 5,000,000 tons per any consecutive 12-months. *[ATC/OP Modification 3 Condition III-A-3 (November 9, 2005)]*

Overland Feed Plant

3. The permittee shall limit the throughput at the Overland Feed Plant (EUs: A041a, A041b, A041c, A042, A043, A045, and A046) to 3,500,000 tons per any consecutive 12-months. *[HOO December 14, 2019]*

4. The permittee shall shut down the stackers in the Overland Feed Plant (EUs: A045 and A046 during the duration of a Construction Notice and/or Dust Advisory. *[HOO December 14, 2019]*

Wash Plant 1

5. The permittee shall limit the throughput at Wash Plant 1 (EUs: A138, A139, A140, A081, A081b, A093b, A093b, A093c, A143, A144, A106, A103, A081e, A085, A099, A092, A092b, A110d, A092c, A106a, A098, A115, A091, A075, A076, A111a, A109, A113, and A115) to 2,000,000 tons per any consecutive 12-months. *[ATC/OP Modification 3 Condition III-A-5 (November 9, 2005)]*

Wash Plant 2

6. The permittee shall limit the throughput at Wash Plant 2 (EUs: A048a, A048b, A049, A051, A053, A055, A055a, A062, A121, A057, A059, A060, A120e, A120, A120b, A068b, A125b, A056, A070, A078, A074, A127, A121b, A122a, A128, A122, and A129) to 1,500,000 tons per any consecutive 12-months. *[ATC/OP Modification 10 Condition IV-B-5 (April 30, 2010)]*

Rip Rap / Miscellaneous Screening Plant

7. The permittee shall limit the throughput at the Rip Rap / Miscellaneous Screening Plant (EUs: H05c, H08, H02, H02a, H10, H05, H05a, H09, H11, H12, H13, and H14) to 150,000 tons per any consecutive 12-months. *[Application for Renewal with Revisions (August 22, 2023)]*

West Screen Plant

8. The permittee shall limit the throughput at the West Screen Plant (EUs: B001a, B101, B001, B004, B006, B008, B013, B051, B100, B043a, B053a, B037a, B033a, B035, B057a, B038, B026a, B031, B057b, B026b, B040, B102, B027) to 1,500,000 tons per any consecutive 12-months. *[ATC/OP Modification 5 Condition III-A-6 (November 5, 2007)]*

Aux Refeed System

9. The permittee shall limit the throughput at the Aux Refeed System Plant (EUs: B046a, B056, B003a, and B016) to 100,000 tons per any consecutive 12-months. *[Application for Renewal with Revisions (August 22, 2023)]*

Type II Plant – Virgin and Recycle

10. The permittee shall limit the throughput at the Type II Plant – Virgin and Recycle (EUs: A012b, A012e, C001, C004, C002, C005a, C005b, C003b, C010b, C036, C006a, C006b, C008, C009, C012, C013, C013a, C013b, C020, C028, C033, C034, C011, and C035) to 700,000 tons per any consecutive 12-months. *[ATC/OP Modification 4 Condition III-A-7 and Condition III-A-8 (December 11, 2006)]*

Asphalt System Plant

11. The permittee shall limit the throughput at the Asphalt System Plant (EUs: D001, D011, D007, D008, D012, D010, D013, D015, D016, D017, D019a, D019b, D019c, D019i, D027, D026a, D026b, and D026c) to 660,000 tons per any consecutive 12-months. *[ATC/OP Modification 4 Condition III-A-9 (December 11, 2006)]*

12. The permittee shall limit the throughput at the drum mixer (EU: D014) to 660,000 tons per any consecutive 12-months. *[ATC/OP Modification 3 Condition III-A-3 (November 9, 2005)]*

Road Runner Portable Screen Plant

13. The permittee shall limit the throughput at the Road Runner Portable Screen Plant (EUs: RS01, RS03, RS05, RS07, and RS09) to 50,000 tons per any consecutive 12-months. *[ATC Modification 9 Condition IV-B-2 (May 11, 2009)]*

Blending System Plant

14. The permittee shall limit the throughput at the Blending System Plant (EUs: BS01, BS02, BS03, BS03a, D013d, BS05a, D013a, BS06a, BS06, and BS08) to 500,000 tons per any consecutive 12-months. *[ATC Condition IV-B-04 (January 27, 2011)]*

Coyote Portable Plant

15. The permittee shall limit the throughput at the Coyote Portable Plant (EUs: CY01, CY02, CY03, CY04, CY05, and CY07) to 15,000 tons per any consecutive 12-months. *[Title V Operating Permit (April 16, 2020)]*

Portable Crushing Plant

16. The permittee shall limit the throughput at the Portable Crushing Plant (EUs: PC00, PC01, PC02, PC03, PC04, PC05, PC06, and PC07) to 350,000 tons per any consecutive 12-months. *[Title V Operating Permit (April 16, 2020)]*

Media Blasting Operation

17. The permittee shall limit the operation of the media blasting operation (EU: MB01) to 1,000 hours in any consecutive 12-month period. *[Initial Title V Operating Permit (May 26, 2011)]*

Gasoline Dispensing Operation

18. The permittee shall limit the throughput at the Gasoline Dispensing Operation (EUs: FT01-FT02) to 12,000 gallons per any consecutive 12-months. *[Title V Operating Permit (November 30, 2012)]*

Continuous-Duty Generators

19. The permittee shall limit the operation of the continuous-duty generator (EU: A123) to 2,000 hours per any consecutive 12 months. *[ATC Condition IV-B25 (October 17, 2012)]*

20. The permittee shall limit the operation of the continuous-duty generator (EU: A123b) to 1,250 hours per any consecutive 12 months. *[Title V Operating Permit (November 6, 2019)]*

21. The permittee shall limit the operation of the continuous-duty generator (EU: A123c) to 1,250 hours per any consecutive 12 months. *[Title V Operating Permit (November 6, 2019)]*

22. The permittee shall limit the operation of the continuous-duty generator (EU: CY09) to 2,500 hours per any consecutive 12 months. *[Application for Title V Renewal (August 24, 2017)]*

23. The permittee shall limit the operation of the continuous-duty generator (EU: RS10) to 500 hours per any consecutive 12 months. *[ATC Modification 9 Condition IV-B-4 (May 11, 2009)]*

24. The permittee shall limit the operation of the continuous-duty generator (EU: PC09) to 1,250 hours per any consecutive 12 months. *[Title V Operating Permit (November 6, 2019)]*

Mining

25. The permittee shall limit the throughput of mining (EU: A001) for the Primary Feed Plant to 5,000,000 tons per any consecutive 12-months. *[ATC/OP Modification 3 Condition III-A-3 (November 9, 2005)]*

26. The permittee shall limit the throughput of mining (EU: C001a) for the Type II Plant to 500,000 tons per any consecutive 12-months. *[ATC/OP Modification 4 Condition III-A-7 (December 11, 2006)]*

Drilling and Blasting

27. The permittee shall limit the total number of drilled holes (EU: A001b) to 7,500 holes per any consecutive 12 months. *[Title V Operating Permit (April 16, 2020)]*

28. The permittee shall limit the total blasting area (EU: A001a) to 35,000 square feet per blast. *[ATC/OP Modification 6 Table III-A-12 (June 25, 2008)]*

29. The permittee shall limit the total number of blasts (EU: A001a) to 175 blasts per any consecutive 12 months. *[ATC/OP Modification 6 Table III-A-12 (June 25, 2008)]*

30. The permittee shall limit the use of ammonium nitrate/fuel oil (ANFO) explosive (EU: A001a) to 1,500 tons per any consecutive 12 months. *[ATC/OP Modification 6 Table III-A-13 (November 9, 2005)]*

Stockpiles

31. The permittee shall not exceed 51.0 acres of total stockpile area (EU: G01) at any given time. *[ATC/OP Modification 6 Table III-A-20 (June 25, 2008)]*

Paved Haul Roads

32. The permittee shall not exceed 126,423 vehicle miles traveled on paved haul roads (EU: H06) per any consecutive 12-months. *[Application for Renewal with Revisions (August 22, 2023)]*

Unpaved Haul Roads

33. The permittee shall not exceed 50,223 vehicle miles traveled on unpaved haul roads (EU: PC08) per any consecutive 12-months. *[Application for Renewal with Revisions (August 22, 2023)]*

3.2 EMISSION LIMITS

1. The permittee shall not allow actual emissions from the individual emission units to exceed the calculated PTE listed in Table 3-1 on a consecutive 12-month total. *[ATC Section IV-A (October 18, 2012), Title V Operating Permit(November 6, 2019), Title V Operating Permit (April 16, 2020), and Application for Renewal with Revisions (August 22, 2023)]*

Table 3-1: Emission Unit PTE (tons per year)

Process	Condition	PM_{10}	$PM_{2.5}$	NO_x	CO	SO_2	VOC	H_2S
Primary Feed								
A02	5,000,000 tons	6.00	1.10	0	0	0	0	0
A012	5,000,000 tons	2.75	0.78	0	0	0	0	0
Secondary Feed								
A013a-d	5,000,000 tons	1.85	0.13	0	0	0	0	0
A130	5,000,000 tons	0.13	0.03	0	0	0	0	0
A129a	5,000,000 tons	1.85	0.13	0	0	0	0	0
A129b	3,125,000 tons	0.08	0.01	0	0	0	0	0
A129b	3,125,000 tons	0.08	0.01	0	0	0	0	0
A020	1,875,000 tons	0.51	0.09	0	0	0	0	0
A022	2,625,000 tons	0.07	0.01	0	0	0	0	0
A022	1,312,500 tons	0.03	0.01	0	0	0	0	0
A022	1,312,500 tons	0.03	0.01	0	0	0	0	0
A025a	1,312,500 tons	0.49	0.03	0	0	0	0	0
A026a	1,312,500 tons	0.49	0.03	0	0	0	0	0
A029	656,250 tons	0.02	0.01	0	0	0	0	0
A029	656,250 tons	0.02	0.01	0	0	0	0	0
A030	656,250 tons	0.02	0.01	0	0	0	0	0
A030	656,250 tons	0.02	0.01	0	0	0	0	0
A030	3,125,000 tons	0.08	0.01	0	0	0	0	0
A032	1,312,500 tons	0.35	0.07	0	0	0	0	0
A040	5,000,000 tons	0.13	0.03	0	0	0	0	0
A040	5,000,000 tons	0.13	0.03	0	0	0	0	0
Overland Feed								
A041a-c	3,500,000 tons	1.30	0.09	0	0	0	0	0
A042	3,500,000 tons	0.09	0.02	0	0	0	0	0
A043	3,500,000 tons	0.09	0.02	0	0	0	0	0
A043	3,500,000 tons	0.09	0.02	0	0	0	0	0

Process	Condition	PM_{10}	$PM_{2.5}$	NO_x	CO	SO_2	VOC	H_2S
A043	1,750,000 tons	0.04	0.01	0	0	0	0	0
A045	1,750,000 tons	0.96	0.27	0	0	0	0	0
A046	1,750,000 tons	0.96	0.27	0	0	0	0	0
Wash Plant 1								
A138-A140	2,000,000 tons	8.70	0.59	0	0	0	0	0
A081	2,000,000 tons	1.10	0.31	0	0	0	0	0
A081b	3,000,000 tons	13.05	0.89	0	0	0	0	0
Wash Plant 2								
A048a-b	1,500,000 tons	6.53	0.44	0	0	0	0	0
A049	1,500,000 tons	0.83	0.23	0	0	0	0	0
A049	923,077 tons	0.51	0.14	0	0	0	0	0
A049	923,077 tons	0.51	0.14	0	0	0	0	0
A051	923,077 tons	0.51	0.14	0	0	0	0	0
A053	923,077 tons	0.51	0.14	0	0	0	0	0
Rip Rap / Miscellaneous								
H05c	150,000 tons	0.08	0.02	0	0	0	0	0
H08	150,000 tons	0.65	0.04	0	0	0	0	0
H02	150,000 tons	0.08	0.02	0	0	0	0	0
H02a	75,000 tons	0.33	0.02	0	0	0	0	0
H10	75,000 tons	0.04	0.01	0	0	0	0	0
H05	32,500 tons	0.02	0.01	0	0	0	0	0
H05a	32,500 tons	0.02	0.01	0	0	0	0	0
H09	75,000 tons	0.04	0.01	0	0	0	0	0
H11	75,000 tons	0.33	0.02	0	0	0	0	0
H12	32,500 tons	0.02	0.01	0	0	0	0	0
H12	32,500 tons	0.02	0.01	0	0	0	0	0
H13	32,500 tons	0.02	0.01	0	0	0	0	0
H13	32,500 tons	0.02	0.01	0	0	0	0	0

Process	Condition	PM_{10}	$PM_{2.5}$	NO_x	CO	SO_2	VOC	H_2S
West Screen								
B001	1,500,000 tons	0.83	0.23	0	0	0	0	0
B001	1,500,000 tons	0.83	0.23	0	0	0	0	0
B004	1,800,000 tons	0.05	0.01	0	0	0	0	0
B004	600,000 tons	0.02	0.01	0	0	0	0	0
B004	600,000 tons	0.02	0.01	0	0	0	0	0
B004	600,000 tons	0.02	0.01	0	0	0	0	0
B006	600,000 tons	2.61	0.18	0	0	0	0	0
B008	600,000 tons	2.61	0.18	0	0	0	0	0
B013	600,000 tons	2.61	0.18	0	0	0	0	0
B051	600,000 tons	2.61	0.18	0	0	0	0	0
B043a	600,000 tons	0.33	0.09	0	0	0	0	0
B037	300,000 tons	0.17	0.05	0	0	0	0	0
B033a	300,000 tons	0.17	0.05	0	0	0	0	0
B035	300,000 tons	0.08	0.02	0	0	0	0	0
B057a	300,000 tons	1.31	0.09	0	0	0	0	0
B031	600,000 tons	0.33	0.09	0	0	0	0	0
B102	133,334 tons	0.07	0.02	0	0	0	0	0
B102	133,334 tons	0.07	0.02	0	0	0	0	0
B102	133,334 tons	0.07	0.02	0	0	0	0	0
B027	400,000 tons	0.22	0.06	0	0	0	0	0
B027	400,000 tons	0.22	0.06	0	0	0	0	0
B027	400,000 tons	0.22	0.06	0	0	0	0	0
Aux Feed System								
B046a	100,000 tons	0.06	0.02	0	0	0	0	0
B056	100,000 tons	0.06	0.02	0	0	0	0	0
B003a	400,000 tons	0.22	0.06	0	0	0	0	0
B016	300,000 tons	0.17	0.05	0	0	0	0	0

Process	Condition	PM_{10}	$PM_{2.5}$	NO_x	CO	SO_2	VOC	H_2S
Type II – Virgin and Recycle								
A012b	250,000 tons	0.30	0.06	0	0	0	0	0
A012e	500,000 tons	0.28	0.08	0	0	0	0	0
C001	500,000 tons	0.28	0.08	0	0	0	0	0
C004	700,000 tons	0.39	0.11	0	0	0	0	0
C002	7000,00 tons	0.84	0.15	0	0	0	0	0
C005a	700,000 tons	3.05	0.21	0	0	0	0	0
C005b	700,000 tons	0.39	0.11	0	0	0	0	0
C003b	350,000 tons	0.19	0.05	0	0	0	0	0
C010b	262,500 tons	0.14	0.04	0	0	0	0	0
C036	87,500 tons	0.05	0.01	0	0	0	0	0
C036	87,500 tons	0.05	0.01	0	0	0	0	0
C006a	612,500 tons	0.34	0.09	0	0	0	0	0
C006b	612,500 tons	0.34	0.09	0	0	0	0	0
C008	481,250 tons	2.09	0.14	0	0	0	0	0
C009	612,500 tons	2.66	0.18	0	0	0	0	0
C012	350,000 tons	0.42	0.08	0	0	0	0	0
C013	350,000 tons	0.19	0.05	0	0	0	0	0
C013a	350,000 tons	0.19	0.05	0	0	0	0	0
C013b	350,000 tons	0.19	0.05	0	0	0	0	0
C020	87,500 tons	0.05	0.01	0	0	0	0	0
C020	87,500 tons	0.05	0.01	0	0	0	0	0
C020	87,500 tons	0.05	0.01	0	0	0	0	0
C028	612,500 tons	0.34	0.09	0	0	0	0	0
C028	612,500 tons	0.34	0.09	0	0	0	0	0
C028	612,500 tons	0.34	0.09	0	0	0	0	0
C028	612,500 tons	0.34	0.09	0	0	0	0	0
C011	350,000 tons	0.19	0.05	0	0	0	0	0
C035	350,000 tons	0.19	0.05	0	0	0	0	0

Process	Condition	PM_{10}	$PM_{2.5}$	NO_x	CO	SO_2	VOC	H_2S
Asphalt System								
D01	527,340 tons	0.29	0.08	0	0	0	0	0
D011	930,60 tons	0.05	0.01	0	0	0	0	0
D007	527,340 tons	0.29	0.08	0	0	0	0	0
D008	527,340 tons	0.20	0.01	0	0	0	0	0
D012	93,060 tons	0.05	0.01	0	0	0	0	0
D010	527,340 tons	0.29	0.08	0	0	0	0	0
D013	93,060 tons	0.05	0.01	0	0	0	0	0
D015	660,000 tons	0.36	0.10	0	0	0	0	0
D Series (silos)	110,000 tons	0.03	0.03	0	0.06	0	0.67	0.01
D027	110,000 tons	0.03	0.03	0	0.07	0	0.53	0.01
D026 (a-c)	8,760 hours	0.22	0.22	1.32	0.76	0.15	0.1	0.02
D014	660,000 tons	7.59	7.59	8.58	42.9	1.12	10.56	1.75
Road Runner								
RS01	50,000 tons	0.03	0.01	0	0	0	0	0
RS03	50,000 tons	0.22	0.15	0	0	0	0	0
RS05	16,667 tons	0.01	0.01	0	0	0	0	0
RS07	16,667 tons	0.01	0.01	0	0	0	0	0
RS09	33,333 tons	0.02	0.01	0	0	0	0	0
Blending System								
BS01	500,000 tons	0.28	0.08	0	0	0	0	0
BS02	500,000 tons	0.28	0.08	0	0	0	0	0
BS03	500,000 tons	0.28	0.08	0	0	0	0	0
BS03a	500,000 tons	0.28	0.08	0	0	0	0	0
D013d	517,833 tons	1.42	0.20	0	0	0	0	0
BS08	517,833 tons	0.28	0.08	0	0	0	0	0
BS08	517,833 tons	0.28	0.08	0	0	0	0	0
BS05a	500,000 tons	0.28	0.08	0	0	0	0	0
D013a	9,000 tons	0.02	0.01	0	0	0	0	0

Process	Condition	PM_{10}	$PM_{2.5}$	NO_x	CO	SO_2	VOC	H_2S
BS06a	9,000 tons	0.01	0.01	0	0	0	0	0
BS06	8,333 tons	0.01	0.01	0	0	0	0	0
Coyote Portable								
CY01	15,000 tons	0.01	0.01	0	0	0	0	0
CY02	15,000 tons	0.01	0.01	0	0	0	0	0
CY03	15,000 tons	0.07	0.01	0	0	0	0	0
CY04	3,750 tons	0.01	0.01	0	0	0	0	0
CY04	3,750 tons	0.01	0.01	0	0	0	0	0
CY05	3,750 tons	0.01	0.01	0	0	0	0	0
CY05	3,750 tons	0.01	0.01	0	0	0	0	0
CY07	7,500 tons	0.01	0.01	0	0	0	0	0
CY07	7,500 tons	0.01	0.01	0	0	0	0	0
Portable Crushing								
PC00	350,000 tons	0.19	0.05	0	0	0	0	0
PC01	350,000 tons	0.42	0.08	0	0	0	0	0
PC02	350,000 tons	1.52	0.10	0	0	0	0	0
PC03	350,000 tons	0.42	0.08	0	0	0	0	0
PC04	350,000 tons	0.19	0.05	0	0	0	0	0
PC05	175,000 tons	0.10	0.03	0	0	0	0	0
PC05	175,000 tons	0.10	0.03	0	0	0	0	0
PC06	175,000 tons	0.10	0.03	0	0	0	0	0
PC06	175,000 tons	0.10	0.03	0	0	0	0	0
PC07	350,000 tons	0.02	0.01	0	0	0	0	0
Generator – A123	2,000 hours	0.67	0.67	3.34	0.29	0.01	0.77	0
Generator – A123b	1,250 hours	0.07	0.07	4.27	0.42	0.01	0.17	0
Generator – A123c	1,250 hours	0.10	0.10	4.56	1.72	0.01	0.75	0
Generator – CY09	2,500 hours	0.15	0.15	9.61	0.94	0.01	0.37	0
Generator – RS10	500 hours	0.03	0.03	0.45	0.10	0.01	0.04	0

Process	Condition	PM_{10}	$PM_{2.5}$	NO_x	CO	SO_2	VOC	H_2S
Generator – PC09	1,250 hours	0.07	0.07	4.27	0.42	0.01	0.17	0
Media Blasting	1,000 hours	0.25	0.25	0	0	0	0	0
Gasoline Dispensing	12,000 gallons	0	0	0	0	0	0.52	0
Mining – A001	5,000,000 tons	21.75	3.00	0	0	0	0	0
Mining – C001a	500,000 tons	2.18	0.30	0	0	0	0	0
Blasting	175 detonations	4.17	0.63	5.94	30.72	0	0	0
Blasting	1,500 tons ANFO							
Drilling	7,500 holes	2.55	0.15	0	0	0	0	0
Haul Road – Mine	6,666 miles	0.50	0.08	0	0	0	0	0
Haul Road – Agg In	32.866 miles	2.49	0.37	0	0	0	0	0
Haul Road – Agg out	29,822 miles	2.26	0.34	0	0	0	0	0
Haul Road – Rip Rap	18,000 miles	1.36	0.20	0	0	0	0	0
Haul Road – Type II	10,889 miles	0.82	0.12	0	0	0	0	0
Haul Road - Asphalt	25,080 miles	1.90	0.29	0	0	0	0	0
Haul Road – RR	1,100 miles	0.08	0.01	0	0	0	0	0
Haul Road – Blend	2,000 miles	0.15	0.02	0	0	0	0	0
Haul Road – Coyote	48,667 miles	18.42	2.76	0	0	0	0	0
Haul Road – Portable	1,556 miles	0.59	0.09	0	0	0	0	0
Stockpile	51 acres	15.45	2.33	0	0	0	0	0
Total (without fugitives)		100.64	21.75	36.40	47.68	1.33	14.65	5.99
Total (with fugitives)		175.31	32.44	42.34	78.40	1.33	14.65	5.99

2. The permittee shall not allow actual emissions from each emission unit to exceed the rates listed in Table 3-2. *[AQR 12.5.2.6(d) and 40 CFR Part 60.92(a)(1)]*

Table 3-2. Emission Rates for Baghouse Stack

EU	PM_{10} / $PM_{2.5}$	
D014	lb/hour	Concentration
	1.73	90 mg/dscm (0.04 gr/dscf)

Opacity – General

3. The permittee shall not discharge into the atmosphere, from any emission unit, any air contaminant in excess of an average of 20 percent opacity for more than six consecutive minutes. *[40 CFR Part 60.92 and AQR 26.1]*

4. The permittee shall not exhibit visible emissions from the emission units at Wash Plant 1 (EUs: A093(a-c), A143, A144, A106, A103, A081e, A085, A099, A092, A092b, A110d, A092c, A106a, A098, A115, A091, A075, A076, A111a, A109, A113, and A115), specified in this document as a wet process. *[AQR 12.5.2.6(d)]*

5. The permittee shall not exhibit visible emissions from the emission units at Wash Plant 2 (EUs: A055, A055a, A062, A121, A057, A059, A060, A120e, A120, A120b, A068b, A125b, A056, A056a, A070, A078, A074, A127, A121b, A122a, A128, A122, and A129), specified in this document as a wet process. *[AQR 12.5.2.6(d)]*

Opacity – Fugitive Dust

6. The permittee shall not exhibit fugitive emissions with an instantaneous opacity in excess of 50 percent from unpaved roads (EU: PC08) accessing or located on the site. *[AQR 94.11.1 and AQR 12.5.2.6(b)]*

7. The permittee shall not cause or allow fugitive dust from trackout, which includes accumulation of mud or dirt on curbs, gutters, sidewalks, or paved surfaces, or from the handling, transport, or storage of any material in a manner that allows visible emissions of particulate matter to: *[AQR 94.14(a) & AQR 94.14(e)]*

    a. Exceed 20% opacity using the Time Averaged Method (AQR 94.15.2) or the Intermittent Emissions Method (AQR 94.15.3);

    b. Exceed 50% opacity using the Instantaneous Method (AQR 94.15.4);

    c. Extend more than 100 feet; or

    d. Cross a property line.

8. The permittee shall not allow fugitive dust emissions from unpaved parking lots or storage areas of more than 5,000 square feet to exceed: *[AQR 92.4(a)]*

    a. 20% opacity based on the Opacity Test Method (AQR 92.6.1); or

    b. 50% opacity based on the Instantaneous Method (AQR 92.6.2).

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

Mineral Processing Equipment

10. The permittee shall not exhibit fugitive emissions with an average opacity in excess of 10 percent, based on the average of five 6-minute averages, from screens and transfer points on belt conveyors that commenced construction, modification, or reconstruction after August

31, 1983, but before April 22, 2008. This is applicable to the emission units listed in Table 3-3. *[40 CFR Part 60.672 & AQR 12.5.2.6(d)]*

Table 3-3. Emission Units (Screens and/or Conveyor Belts) Subject to Subpart OOO

EU	Description	Location
A013a	VGF 1	Secondary Feed Plant
A013b	VGF 2	
A013c	VGF 3	
A013d	VGF 4	
A022	Splitter	
A029	Canica Feed Belt	
A030	Cross Collect Belt	
A040	Conveyor System (except stacker)	
A041a	VGF 1	Overland Feed System
A041b	VGF 2	
A041c	VGF 3	
A042	Overland Belt	
A043	Splitter	
A081	Splitter Feed Belt	Wash Plant 1
A081b	Screen	
A048a	VGF 1	Wash Plant 2
A048b	VGF 2	
A049	Splitter	
A051	West Under Split Belt	
A053	East Under Split Belt	
H05c	Feeder	Rip Rap / Miscellaneous
H02a	Screen	
H09	Conveyor	
H11	3 Deck Screen	
H12	Conveyor System (except stacker)	
H13	Conveyor System (except stacker)	
H14	Conveyor System (except stacker)	
B001a	Feeder 1	West Screen Plant
B101	Feeder 2	

EU	Description	Location
B001	Conveyor System	
B004	Splitter	
B006	West Screen	
B008	Middle Scree	
B013	East Screen	
B037a	Conveyor Recirc 1	
B033a	Top Deck Belt	
B057a	Conveyor Recirc 2	
B038	Middle Deck Belt	
B026a	Lower Deck Belt	
B057b	Conveyor (alternate)	
B026b	Conveyor (alternate)	
B040	Conveyor (alternate)	
B102	Fines Cross Belt	
B027	Conveyor System (except stacker)	
A012e	Conveyor	Type II – Virgin and Recycle
C001	VGF	
C004	Conveyor	
C005a	Screen 3	
C005b	Conveyor	
C036	Conveyor System (except stacker)	
C006a	Conveyor System (3 belts)	
C006b	Splitter	
C008	Screen 1	
C013	Conveyor	
C013a	Conveyor System (3 belts)	
C013b	Splitter	
C020	Conveyor System (except stacker)	
C028	Conveyor System (except stacker)	
C011	Conveyor	
C035	Conveyor	

11. The permittee shall not exhibit fugitive emissions with an average opacity in excess of 15 percent, based on the average of five 6-minute averages, from crushers that commenced construction, modification, or reconstruction after August 31, 1983, but before April 22, 2008. This is applicable to the emission units listed in Table 3-4. *[40 CFR Part 60.672 & AQR 12.5.2.6(d)]*

Table 3-4. Emission Units (Crushers) Subject to Subpart OOO

EU	Description	Location
A02	Crusher	Primary Feed
A020	Crusher	Secondary Feed
A032	Crusher	
B035	Crusher	West Screen
A012b	Crusher	Type II – Virgin and Recycle
C002	Crusher	
C012	Crusher	

12. The permittee shall not exhibit fugitive emissions with an average opacity in excess of seven percent, based on the average of five 6-minute averages, from screens and transfer points on belt conveyors that commenced construction, modification, or reconstruction after April 22, 2008. This is applicable to the emission units listed in Table 3-5. *[40 CFR Part 60.672 and AQR 12.5.2.6(d)]*

Table 3-5. Emission Units (Screens and/or Conveyor Belts) Subject to Subpart OOO

EU	Description	Location
A130	Upper Tunnel Belt	Secondary Feed
A129a	Screen	
A129b	Conveyor System	
A025a	Screen	
A026b	Screen	
A138	VGF 1	Wash Plant 1
A139	VGF 2	
A140	VGF 3	
H08	Screen	Rip Rap / Miscellaneous
H02	Conveyor	
H05	Conveyor	
B046a	Auxiliary Refeed Hopper	Auxiliary Refeed
B056	Conveyor	
B016	Conveyor	
B100	Screen 5	West Screen

EU	Description	Location
C009	Screen 2	Type II – Virgin and Recycle
RS01	Hopper	Road Runner
RS03	Screen	
BS01	5 Bin Hopper	Blending
BS02	Conveyor	
BS03	Splitter	
BS05a	Conveyor	
BS08	Conveyor System (except stacker)	
CY01	Grizzly Feeder	Coyote
CY02	Conveyor	
CY03	Screen	
CY04	Conveyor System (except stacker)	
CY05	Conveyor System (except stacker)	
CY07	Conveyor System (except stacker)	
PC00	VGF	Portable Crushing
PC02	3 Deck Screen	
PC04	Conveyor (recirc)	
PC05	Conveyor System (except stacker)	
PC06	Conveyor System (except stacker)	

13. The permittee shall not exhibit fugitive emissions with an average opacity in excess of 12 percent, based on the average of five 6-minute averages, from crushers (EU: I03) that commenced construction, modification or reconstruction after April 22, 2008. This is applicable to the emission units listed in Table 3-6. *[40 CFR 60.672 and AQR 12.5.2.6(d)]*

Table 3-6. Emission Units (Crushers) Subject to Subpart OOO

EU	Description	Location
PC01	Crusher	Portable Crushing
PC03	Crusher	

Hot Mix Asphalt Plant – Baghouse

14. The permittee shall not discharge particulate emissions from the baghouse, equipped on the mixer (EU: D014), in excess of 90 mg/dscm (0.04 gr/dscf). *[40 CFR Part 60.92(a)(1)]*

15. The permittee shall not discharge visible emissions from the baghouse, equipped on the mixer (EU: D014), that exhibits an opacity in excess of seven percent, based on thirty 6-minute averages (3 hours). *[40 CFR Part 60.93, 40 CFR Part 60.11, and AQR 12.5.2.6(d)]*

Continuous-Duty Generators

16. The permittee shall maintain each continuous-duty generator (EUs: A123 and A123c) as follows, unless the manufacturer's specifications are more stringent: *[40 CFR Part 63.6603(a)]*

    a. Limit concentration of CO in the stationary RICE exhaust to 49 ppmvd at 15 percent O_2; or

    b. Reduce CO emissions by 70 percent or more.

4.0 COMPLIANCE DEMONSTRATION REQUIREMENTS

4.1 MONITORING

Visible Emissions [AQR 12.5.2.6(d)]

1. The Responsible Official shall sign and adhere to the department's *Visible Emissions Check Guidebook* and keep a copy of the signed guide on-site at all times.

2. The permittee shall conduct a monthly visual emissions check of the facility (EUs: A02, A12, A013a, A013b, A013c, A013d, A130, A129a, A129b, A020, A022, A025a, A026a, A029, A030, A032, A040, A041a, A041b, A041c, A042, A043, A045, A046, A138, A139, A140, A081, A081b, A093a, A093b, A093c, A143, A144, A106, A103, A081e, A085, A099, A092, A092b, A110d, A092c, A106a, A098, A115, A091, A075, A076, A111a, A109, A113, A115, A048a, A048b, A049, A051, A053, A055, A055a, A062, A121, A057, A059, A060, A120e, A120, A120b, A068b, A125b, A056, A056a, A070, A078, A074, A127, A121b, A122a, A128, A122, A129, H05c, H08, H02, H02a, H10, H05, H05a, H09, H11, H12, H13, H14, B001a, B101, B001, B004, B006, B008, B013, B051, B100, B043a, B053a, B053, B037a, B033a, B035, B057a, B038, B026a, B031, B057b, B026b, B040, B102, B027, B046, B056, B003a, B016, B064, B045, B020, B035, B037b, A012b, A012e, C001, C004, C002, C005a, C005b, C003b, C010b, C036, C006a, C006b, C008, C009, C012, C013, C013a, C013b, C020, C028, C033, C034, C011, C035, D001, D011, D007, D008, D012, D014, D010, D013, D015, D016, D017, D019a, D019b, D019c, D019i, D027, D026b, RS01, RS03, RS05, RS07, RS09, BS01, BS02, BS03, BS03a, D013d, BS05a, D013a, BS06a, BS06, BS08, CY01, CY02, CY03, CY04, CY05, CY07, PC00, PC01, PC02, PC03, PC04, PC05, PC06, PC07, MB01, A123, A123b, A123c, CY09, RS10, PC09, A001, C001a, A001b, A001a, H06, PC08, and G01) while it is in operation. *[ATC Condition IV-D-11 (October 18, 2012)]*

3. If no plume appears to exceed the opacity standard during the visible emissions check, the date, location, and results shall be recorded, along with the viewer's name. *[ATC Condition IV-D-12 (October 18, 2012)]*

4. If a plume appears to exceed the visible emissions standards (other than opacity standards) the permittee shall do the following:

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

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

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

    b. Call a certified Visible Emissions Evaluation (VEE) reader to perform a U.S. Environmental Protection Agency (EPA) Method 9 evaluation if the plume observed is perceived to be exceeding an opacity standard.

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

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

(1) The cause of the perceived exceedance;

(2) The color of the emissions; and

(3) Whether the emissions were light or heavy.

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

(1) The cause of the exceedance;

(2) The color of the emissions;

(3) Whether the emissions were light or heavy;

(4) The duration of the emissions; and

(5) The corrective actions taken to resolve the exceedance.

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

Primary Feed Plant [AQR 12.5.2.6(d)]

7. The permittee shall visually inspect the water spray system daily at all emission units controlled through water suppression and monitor its effectiveness. Inspections shall include, but not be limited to, flow rates, leaks and nozzle conditions, as applicable. *[ATC Condition IV-D-15 (October 18, 2012)]*

8. The permittee shall monitor daily the throughput of at the primary feed plant and calculate, on a monthly basis, the throughput as a consecutive 12-month total. *[ATC Condition IV-D-6 (October 18, 2012)]*

9. The permittee shall maintain a weigh belt immediately after the primary crusher (EU: A02) to monitor throughput. This weigh belt shall conform to ASTM International standards and be operated, maintained, and calibrated according to the manufacturer's specifications. *[Application for Title V OP (February 4, 2013)]*

Secondary Feed Plant [AQR 12.5.2.6(d)]

10. The permittee shall visually inspect the water spray system daily at all emission units controlled through water suppression and monitor its effectiveness. Inspections shall include, but not be limited to, flow rates, leaks and nozzle conditions, as applicable. *[ATC Condition IV-D-15 (October 18, 2012)]*

11. The permittee shall monitor daily the throughput of at the secondary feed plant and calculate, on a monthly basis, the throughput as a consecutive 12-month total. *[ATC Condition IV-D-6 (October 18, 2012)]*

Overland Feed Plant [AQR 12.5.2.6(d)]

12. The permittee shall visually inspect the water spray system daily at all emission units controlled through water suppression and monitor its effectiveness. Inspections shall include, but not be limited to, flow rates, leaks and nozzle conditions, as applicable. *[ATC Condition IV-D-15 (October 18, 2012)]*

13. The permittee shall monitor daily the throughput of at the overland feed plant and calculate, on a monthly basis, the throughput as a consecutive 12-month total. *[ATC Condition IV-D-6 (October 18, 2012)]*

Wash Plant 1 [AQR 12.5.2.6(d)]

14. The permittee shall visually inspect the water spray system daily at all emission units controlled through water suppression and monitor its effectiveness. Inspections shall include, but not be limited to, flow rates, leaks and nozzle conditions, as applicable. *[ATC Condition IV-D-15 (October 18, 2012)]*

15. The permittee shall monitor daily the throughput of at wash plant 1 and calculate, on a monthly basis, the throughput as a consecutive 12-month total. *[ATC Condition IV-D-6 (October 18, 2012)]*

Wash Plant 2 [AQR 12.5.2.6(d)]

16. The permittee shall visually inspect the water spray system daily at all emission units controlled through water suppression and monitor its effectiveness. Inspections shall include, but not be limited to, flow rates, leaks and nozzle conditions, as applicable. *[ATC Condition IV-D-15 (October 18, 2012)]*

17. The permittee shall monitor daily the throughput of at wash plant 2 and calculate, on a monthly basis, the throughput as a consecutive 12-month total. *[ATC Condition IV-D-6 (October 18, 2012)]*

Rip Rap / Miscellaneous Screening Plant [AQR 12.5.2.6(d)]

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

19. The permittee shall monitor daily the throughput of at the Rip/rap / miscellaneous screening plant and calculate, on a monthly basis, the throughput as a consecutive 12-month total.

West Screen Plant [AQR 12.5.2.6(d)]

20. The permittee shall visually inspect the water spray system daily at all emission units controlled through water suppression and monitor its effectiveness. Inspections shall include, but not be limited to, flow rates, leaks and nozzle conditions, as applicable. *[ATC Condition IV-D-15 (October 18, 2012)]*

21. The permittee shall monitor daily the throughput of at the west screen plant and calculate, on a monthly basis, the throughput as a consecutive 12-month total. *[ATC Condition IV-D-6 (October 18, 2012)]*

Aux Refeed System [AQR 12.5.2.6(d)]

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

23. The permittee shall monitor daily the throughput of at the aux refeed system and calculate, on a monthly basis, the throughput as a consecutive 12-month total.

Alternate Type II Plant [AQR 12.5.2.6(d)]

24. The permittee shall visually inspect the water spray system daily at all emission units controlled through water suppression and monitor its effectiveness. Inspections shall include, but not be limited to, flow rates, leaks and nozzle conditions, as applicable. *[ATC Condition IV-D-15 (October 18, 2012)]*

25. The permittee shall monitor daily the throughput of at the alternate Type II plant and calculate, on a monthly basis, the throughput as a consecutive 12-month total. *[ATC Condition IV-D-6 (October 18, 2012)]*

Type II Plant – Virgin and Recycle [AQR 12.5.2.6(d)]

26. The permittee shall visually inspect the water spray system, each day of operation, at all emission units controlled through water suppression and monitor its effectiveness. Inspections shall include, but not be limited to, flow rates, leaks and nozzle conditions, as applicable. *[ATC Condition IV-D-15 (October 18, 2012)]*

27. The permittee shall monitor daily the throughput of at the Type II plant – virgin and recycle and calculate, on a monthly basis, the throughput as a consecutive 12-month total. *[ATC Condition IV-D-6 (October 18, 2012)]*

Asphalt System Plant [AQR 12.5.2.6(d)]

28. The permittee shall visually inspect the water spray system daily at all emission units controlled through water suppression and monitor its effectiveness. Inspections shall include, but not be limited to, flow rates, leaks and nozzle conditions, as applicable. *[ATC Condition IV-D-15 (October 18, 2012)]*

29. The permittee shall monitor daily the throughput of at the asphalt system plant and calculate, on a monthly basis, the throughput as a consecutive 12-month total. *[ATC Condition IV-D-6 (October 18, 2012)]*

30. The permittee shall operate the automated air-to-fuel ratio control system, which optimizes burner performance on the drum mixer (EU: D014), with a continuous monitoring system.

31. The permittee shall implement Compliance Assurance Monitoring (CAM) to the drum mixer (EU: D014) because the uncontrolled PM_{10} emissions from this emission unit exceeds 100 tons per year.

32. The permittee shall use the measurements of the baghouse pressure drop (EU: D014) as the first parameter (Indicator 1) to demonstrate compliance with the CAM – see Table 4-1 for CAM Monitoring Approach.

33. The permittee shall use the measurements of an EPA Method 9 test (EU: D014) as the second parameter (Indicator 2) to demonstrate compliance with the CAM – see Table 4-1 for CAM Monitoring Approach.

Table 4-1. CAM Monitoring Approach – PM_{10}

CAM Element	Indicator 1	Indicator 2
Indicator	Pressure drop (Δp) across baghouse.	Daily Method 9 (opacity)
Measurement Approach	Pressure drop is measured each operating day. An internal inspection of the baghouse is performed monthly.	An EPA Method 9 is conducted daily.
Indicator Range	The baghouse pressure drop will be monitored for compliance, and be between 1.0 and 6.0 inches of water when the drum mixer is operating.	Opacity is limited to 20% for an aggregate 6-minute period during any 60-minute period.
Action Threshold	The action threshold for Δp is outside of 2.0 to 6.0 inches of water. Action thresholds trigger an inspection and corrective action, or documentation that the system is operating normally.	Not applicable.
QIP Thresholds	None selected.	More than three (3) excursions within a semiannual reporting period.
Performance Criteria Data Representativeness	Filterable PM_{10} emissions are measured every 5 years using a Method 5.	Observations are made at the baghouse exhaust.
Verification of Operational Status	Not applicable.	Not applicable.
QA/QC Practices and Criteria	The pressure gauge will be calibrated or replaced annually.	The visible emissions observer will be familiar with baghouse operations and visible emissions.
Monitoring Frequency	Daily.	Daily.

CAM Element	Indicator 1	Indicator 2
Data Collection Procedures	The pressure drop is measured each operating day and the baghouse exterior inspected. An internal inspection of the baghouse is performed monthly.	A Method 9 test is performed and documented daily.
Average Period	Not applicable.	Opacity is limited to 20% for an aggregate 6-minute period during any 60-minute period.

Road Runner Portable Screen Plant [AQR 12.5.2.6(d)]

34. The permittee shall visually inspect the water spray system daily at all emission units controlled through water suppression and monitor its effectiveness. Inspections shall include, but not be limited to, flow rates, leaks and nozzle conditions, as applicable. *[ATC Condition IV-D-15 (October 18, 2012)]*

35. The permittee shall monitor daily the throughput of at the Road Runner portable screen plant and calculate, on a monthly basis, the throughput as a consecutive 12-month total. *[ATC Condition IV-D-6 (October 18, 2012)]*

Blending System Plant [AQR 12.5.2.6(d)]

36. The permittee shall visually inspect the water spray system daily at all emission units controlled through water suppression and monitor its effectiveness. Inspections shall include, but not be limited to, flow rates, leaks and nozzle conditions, as applicable. *[ATC Condition IV-D-15 (October 18, 2012)]*

37. The permittee shall monitor daily the throughput of at the blending system plant and calculate, on a monthly basis, the throughput as a consecutive 12-month total. *[ATC Condition IV-D-6 (October 18, 2012)]*

Coyote Portable Plant [AQR 12.5.2.6(d)]

38. The permittee shall visually inspect the water spray system daily at all emission units controlled through water suppression and monitor its effectiveness. Inspections shall include, but not be limited to, flow rates, leaks and nozzle conditions, as applicable. *[ATC Condition IV-D-15 (October 18, 2012)]*

39. The permittee shall monitor daily the throughput of at the Coyote portable plant and calculate, on a monthly basis, the throughput as a consecutive 12-month total. *[ATC Condition IV-D-6 (October 18, 2012)]*

Portable Crushing Plant [AQR 12.5.2.6(d)]

40. The permittee shall visually inspect the water spray system daily at all emission units controlled through water suppression and monitor its effectiveness. Inspections shall include, but not be limited to, flow rates, leaks and nozzle conditions, as applicable. *[Minor Revision to OP (August 22, 2019)]*

41. The permittee shall monitor daily the throughput of at the portable crushing plant and calculate, on a monthly basis, the throughput as a consecutive 12-month total. *[Minor Revision to OP (August 22, 2019)]*

Media Blasting [AQR 12.5.2.6(d)]

42. The permittee shall monitor the hours of operation at the media blasting operation (EU: MB01).

Gasoline Dispensing Operation – General [AQR 12.5.2.6(d)]

43. The permittee shall monitor and record the throughput of gasoline (EU: FT01-FT02) in gallons on a schedule and frequency that the source deems appropriate to determine monthly combined throughput and shall each month calculate the total of the last 365 days of gasoline throughput and divide the result by 12.

44. The permittee shall monitor the fuel storage and dispensing system to determine if its components are in compliance with the control requirements of this permit. Monitoring inspections shall be recorded and consist of:

    a. Inspecting daily for gasoline spills, and recording the times and dates the source became aware of a spill and cleaned the spill up; and

    b. Inspecting covers on gasoline containers and fill pipes after each respective delivery, and recording the dates of fuel deliveries and corresponding inspections.

Baghouse on (EUs: A013(a-d), A130, A129a, A129b, A020, A025a, A026a, A029, A030, A032, A040, A041(a-c), A042, and A043, B004, B035, B100, D008, and D014*) [AQR 12.5.2.6(d)]*

45. The permittee shall conduct daily monitoring of the pressure drop across each baghouse cell with the installation and operation of a pressure differential (Magnehelic) gauge per manufacturer's specifications.

46. The permittee shall conduct the following monthly external inspections of each baghouse while it is running to ensure that equipment is maintained in good working order and operated according to manufacturer's specifications:

    a. Verification of the pulse timing sequence;

    b. Verification that the cleaning system does not appear unusual, and that fans are running and do not exhibit unusual sounds or vibrations; and

    c. Verification that seams, connections, and housings are sealed and leak-free, including walls, hoppers, ducting, and piping.

47. If an inspection shows that maintenance is necessary, the permittee shall schedule and complete such maintenance within five working days. If the malfunction renders the baghouse ineffective in controlling particulate emissions, material processing shall stop until repairs to the baghouse are completed.

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

49. The permittee shall have a standard O&M manual for baghouses. The maintenance procedures in this manual shall, at a minimum, include a schedule that is consistent with the baghouse manufacturer's instructions for routine and long-term maintenance.

50. The permittee shall conduct daily visual observations of baghouse and/or stack discharges to verify that visible emissions are not present in excess of allowable opacity limits, in accordance with the procedures specified in Section 4.1, "Visible Emissions." If excess visible emissions are present, the permittee shall stop the operations producing the emissions until the problem is corrected.

Bin Vent on (EUs: D013a, BS06a, and BS06) [AQR 12.5.2.6(d)]

51. The permittee shall conduct daily visual observations of the bin vent(s)/dust collector(s) to verify that visible emissions are not present in excess of allowable opacity limits, in accordance with the procedures specified in EPA Method 9. If they are, the permittee shall cease operations producing the emissions until the problem is corrected.

52. The permittee shall visually inspect the bin vent(s)/dust collector(s) at least monthly for air leaks. Defective components shall be repaired or replaced within five working days of the discovery of the malfunction. If the defective components cause the bin vent(s)/dust collector(s) to be noncompliant in controlling particulate emissions, material processing shall stop until repairs to the bin vent(s)/dust collector(s) are completed.

53. The permittee shall develop, follow, and maintain a preventative maintenance schedule that is consistent with the manufacturer's specifications for routine and long-term maintenance.

54. The permittee shall use truck-mounted pressure gauges to monitor the operating pressure of the bin vents during each loading activity. The loading pressure shall not exceed 12 psi. *[Application for Title V OP (February 4, 2013)]*

Generators / Engines [AQR 12.5.2.6(d)]

55. The permittee shall monitor the sulfur content and cetane index or aromatic content of the fuel burned in each continuous-duty generator (EUs: A123, A123b, A123c, CY09, and PC09) by retaining a copy of vendor fuel specifications. *[40 CFR 63.6604(b)]*

56. The permittee shall operate each continuous-duty generator (EUs: A123, A123b, A123c, CY09, RS10, and PC09) with a nonresettable hour meter and monitor the duration of operation. *[Title V Operating Permit (November 6, 2019)]*

Mining [AQR 12.5.2.6(d)]

57. The permittee shall monitor daily the throughput of mining (EU: A001) at the primary feed plant and calculate, on a monthly basis, the throughput as a consecutive 12-month total. *[ATC Condition IV-D-6 (October 18, 2012)]*

58. The permittee shall monitor daily the throughput of mining (EU: C001) at the Type II plant (Virgin and Recycle) and calculate, on a monthly basis, the throughput as a consecutive 12-month total. *[ATC Condition IV-D-6 (October 18, 2012)]*

Drilling and Blasting [AQR 12.5.2.6(d)]

59. The permittee shall monitor the number of drilled holes (EU: A001b) and calculate them each month as a consecutive 12-month total.

60. The permittee shall monitor each area blasted (EU: A001a) in square feet.

61. The permittee shall monitor the number of blasts (EU: A001a) and calculate them each month as a consecutive 12-month total.

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

Stockpiles [AQR 12.5.2.6(d)]

63. The permittee shall monitor, each month of operation, the total stockpile area (EU: G01). *[ATC Condition IV-D-6 (October 18, 2012)]*

Paved Haul Roads (EU H06) [AQR 12.5.2.6(d)]

64. The permittee shall monitor, each month of operation, the number of vehicle miles traveled (VMT) on-site by haul trucks entering and leaving, and calculate, on a monthly basis, the VMT as a consecutive 12-month total. *[ATC Condition IV-D-6 (October 18, 2012)]*

Unpaved Haul Roads (EU: PC08) [AQR 12.5.2.6(d)]

65. The permittee shall monitor, each month of operation, the number of vehicle miles traveled (VMT) on-site by haul trucks entering and leaving, and calculate, on a monthly basis, the VMT as a consecutive 12-month total. *[ATC Condition IV-D-6 (October 18, 2012)]*

66. The permittee shall determine compliance with the silt content limits for unpaved haul roads, when required by the Control Officer, in accordance with the test method set forth in AQR Subsection 91.4.1.2.

67. The permittee shall determine compliance with the silt loading limits for unpaved haul roads, when required by the Control Officer, in accordance with the test method set forth in AQR Subsection 93.4.1.2.

68. The permittee shall determine whether an area is disturbed, for the purposes of this permit, in accordance with the Drop Ball Test in AQR Subsection 90.4.1.1.

4.2 TESTING

Mineral Processing Equipment [AQR 12.5.2.8(a)]

1. The permittee shall demonstrate compliance with the opacity standards for mineral processing in Section 3.2 of this permit in accordance with 40 CFR Part 60 Subpart A, 40 CFR Part 60 Subpart OOO, EPA Method 5 (particulate), and EPA Method 9 (opacity). For the purpose of initial compliance, the minimum total time of observations shall be 3 hours (thirty 6-minute averages).

2. The permittee shall conduct performance testing on the material processing plant(s) according to the following conditions: *[40 CFR Part 60 Subpart OOO]*

    a. Initial performance tests on the affected emission units (EUs: A129 and B100) shall be conducted within 60 days of achieving the maximum production rate at which the source will be operated, but no later than 180 days after initial start-up.

    b. Subsequent Method 5 performance tests shall be conducted on (EUs: A013(a-d), A130, A129a, A129b, A020, A025a, A026a, A029, A030, A032, A040, A041(a-c), A042, and A043, B004, B035, B100, D008, and D014) once every five years, no later than 90 days after the anniversary date of the last successful performance test. The opacity standards and PM limits are provided in Table 4-2. *["Guideline for Source Testing" (9/20/2018)]*

Table 4-2. Opacity and PM Testing Standards and Frequencies

EU	Baghouse ID	Applicable Limits		Stack Test Frequency
		Opacity	PM Limit	
A013(a-d), A130, A129a, A129b, A020, A025a, A026a, A029, A030, A032, A040, A041(a-c), A042, A043	Baghouse 1	7% - Subpart OOO	0.05 g/dscm - Subpart OOO	Every 5 Years
B004, B035, B100	Baghouse 2	7% - Subpart OOO	0.05 g/dscm - Subpart OOO	Every 5 Years
D008, D014	Baghouse 3	7% - Subpart OOO	0.05 g/dscm - Subpart OOO	Every 5 Years

    c. Subsequent Method 9 performance testing shall be conducted upon written notification from the Control Officer. For the purpose of subsequent performance tests, the minimum total time of observations shall be 30 minutes (five 6-minute averages). *[AQR 4.2]*

Asphalt System Plant [AQR 12.5.2.8(a)]

3. The permittee shall demonstrate compliance with the emission standards in Section 3.2 of this permit in accordance with 40 CFR Part 60 Subpart A, 40 CFR Part 60 Subpart I, EPA Method 5, EPA Method 7a, EPA Method 10, and EPA Methods (1, 2, 3a, and 4) or EPA Methods (1, 3A, and 19).

4. The permittee shall demonstrate compliance with the particulate matter concentration and the mass emission standards in Section 3.2 of this permit, in accordance with 40 CFR Part 60 Subpart A, 40 CFR Part 60 Subpart I, and EPA Method 5, EPA Method 7a, EPA Method 10, and EPA Methods (1, 2, 3a, and 4) or EPA Methods (1, 3A, and 19) the EPA Method 5.

5. The permittee shall demonstrate compliance with the particulate matter concentration and the mass emissions standards in Section 3.2 of this permit, according to the following conditions:

    a. Subsequent performance tests (EPA Method 5, EPA Method 7a, EPA Method 10, and EPA Methods (1, 2, 3a, and 4) or EPA Methods (1, 3A, and 19) shall be conducted on (EUs: D014) once every five years, no later than 90 days after the anniversary date of the last successful performance test. *["Guideline for Source Testing" (9/20/2018)]*

6. The permittee shall utilize performance testing methodologies for the individual emission unit, as indicated in Table 4-3. The Control Officer will consider approving a request for alternative performance test methods if proposed in writing in the performance test protocols: *[40 CFR Part 60 Subpart I]*

Table 4-3. Performance Testing Protocol Requirements

EU	Test Point	Pollutant	Method	Frequency
D014	Asphalt Plant: Baghouse Stack	PM_{10} / $PM_{2.5}$	EPA Method 5	5 years
	Asphalt Plant: Baghouse Stack	NO_x	EPA Method 7a	5 years
	Asphalt Plant: Baghouse Stack	CO	EPA Method 10	5 years
	Stack Gas Parameters	-	EPA Methods 1, 2, 3A, and 4 OR Methods 1, 3A and 19	5 years

Continuous-Duty Generators [AQR 12.5.2.8(a)]

7. The permittee shall demonstrate compliance with the emission standards for the continuous-duty generators (EUs: A123 and A123c) in Section 3.2 of this permit in accordance with 40 CFR Part 60 Subpart A and 40 CFR Part 63 Subpart ZZZZ (see Table 4 and/or Table 5, as applicable).

8. The permittee shall conduct performance testing on the continuous-duty generators (EUs: A123 and A123c) according to the following conditions: *[40 CFR Part 63 Subpart ZZZZ]*

    a. Subsequent performance tests on the continuous-duty generators (EUs: A123 and A123c) shall be conducted once every 8,760 hours of operation or three years on or before the anniversary date of the previous performance test, whichever comes first.

Gasoline Dispensing Operation [AQR 12.5.2.8(a)]

9. The permittee shall conduct Phase I vapor recovery system tests in accordance with the CARB-approved test procedures (as revised) listed in Table 4-4, as applicable. *[40 CFR Part 63.11120]*

Table 4-4. Vapor Recovery System Testing Procedures and Schedules

Type of Vapor Recovery System	Test Procedure	Frequency
Phase I Vapor Balance System	Pressure Decay/Leak Test: CARB procedure TP201.3B (as revised for Aboveground Storage Tank)	Initial and every three years thereafter
	Static Torque of Rotatable Phase I Adapters CARB procedure TP-201.1B (With swivel adapters only)	Initial and every three years thereafter
	Leak Rate and Cracking Pressure of Pressure/Vacuum Vent Valves: CARB procedure TP-201.1E (as revised)	Initial and every three years thereafter
	Flow rate Test: CC_VRTP_1	Initial and every three years thereafter

10. The permittee shall submit a Division of Air Quality (DAQ)-approved test notification form (available on the DAQ website) to schedule each vapor recovery system test with the Stationary Sources Section supervisor at least 30 calendar days before the anticipated date of testing, unless otherwise specified in this permit.

11. A previously approved and scheduled test cannot be canceled and/or rescheduled without the Control Officer's prior approval.

12. The permittee shall conduct Phase I vapor recovery system testing on affected gasoline dispensing equipment according to the following requirements:

    a. The permittee shall conduct and pass an initial system test within 180 days of startup of new equipment, or within 90 days after completion of repairs or reconstruction when the system's integrity has been affected by the repair or reconstruction. Routine maintenance, including the replacement of hoses, nozzles, and efficiency compliance devices (e.g., bellows, face shield, splash guard, etc.), does not require an initial test.

    b. The permittee shall conduct and pass subsequent tests on or before the anniversary date of the previous successful test at the frequency specified in Table 4-1.

    c. Each test may be witnessed by a DAQ inspector.

13. The permittee shall submit a Gasoline Dispensing Operation Certification of Vapor Recovery System Test Results Submittal Form (available on the DAQ website), along with associated test results, to the Control Officer after each test. The submittal form shall be:

    a. Complete and signed by the Responsible Official for the equipment being tested. The Responsible Official must certify that the test results are true, accurate, and complete.

b. Submitted by mail, by fax, or in person.

c. Submitted by the source, or by the permittee's testing company or consultant. However, the source is the responsible party and must ensure that the test report is delivered to DAQ within the applicable time frame.

14. Whether the source passes or fails the vapor recovery system test, the permittee shall submit the test results report to the Control Officer within 60 days of the date of the test.

15. If the source fails a vapor recovery system testor if the test is incomplete: *[Guidelines for Source Testing (9/19/2019)]*

a. The permittee shall notify the Control Officer, by email or phone, within 24 hours of equipment test failure. If repairs can be made within five working days of the original scheduled test date, the permittee shall make the repairs and pass the required test(s).

b. If the equipment cannot be repaired within five working days of the scheduled test, the permittee shall make all necessary repairs and schedule a retest of the affected facility by submitting a new test notification form to the Control Officer no less than three business days before the new test date.

c. After retesting (pass/fail/incomplete), the owner/operator shall submit a test results submittal form (available on the DAQ website) and supporting test documents to the Control Officer within 15 days of completion.

d. The permittee shall continue retesting until the affected facility successfully passes all aspects of the vapor recovery system test.

16. The Control Officer may require the permittee to conduct any test after a failed vapor recovery system test in the presence of a DAQ representative.

General [AQR 12.5.2.8(a)]

17. Performance testing is subject to 40 CFR Part 60 (as amended) and the department's *Source Testing Guidelines (9/19/2019)*. Performance testing shall be the instrument for determining initial and subsequent compliance with emission limitations set forth in Section 3.2 of this permit.

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

19. The permittee shall submit a report describing the results of the performance test to the Control Officer within 60 days of the end of the performance test.

20. The permittee of any stationary source that fails to demonstrate compliance with emissions standards or limitations during any performance test shall submit a compliance plan to the Control Officer within 90 days of the end of the performance test.

21. The permittee shall conduct additional performance testing when any emission unit increases its hourly production rate beyond the rate permitted and at which performance testing was conducted, or when any equipment addition or modification increases the potential to emit.

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

4.3 RECORDKEEPING

1. The permittee is required to comply with the recordkeeping requirements of 40 CFR Part 63 Subpart CCCCCC. *[40 CFR Part 63.11125]*

2. The permittee shall keep records of all inspections, maintenance, and repairs, as required by this permit. *[AQR 12.5.2.6(d) & AQR 12.5.2.8]*

3. The permittee shall comply with all applicable recordkeeping requirements of 40 CFR Part 60.7, 40 CFR Part 60 Subpart OOO, 40 CFR Part 60 Subpart IIII, 40 CFR Part 63 Subpart ZZZZ, 40 CFR Part 63 Subpart JJJJ, and any other applicable regulations. *[AQR 12.5.2.6(d) and AQR 12.5.2.8]*

4. All records, logs, etc., or copies thereof, shall be kept on-site for a minimum of five years from the date the measurement, or data was entered. *[AQR 12.5.2.6(d) & AQR 12.5.2.8]*

5. Records and data required by this permit to be maintained by the permittee may be audited at any time by a third party selected by the Control Officer. *[AQR 4.1]*

6. The permittee shall create and maintain the following records, at a minimum, all of which must be producible on-site to the Control Officer's authorized representative upon request and without prior notice during the permittee's hours of operation. Records that need to be reported semiannually are identified accordingly. *[AQR 12.5.2.6(d) & AQR 12.5.2.8]*

Opacity

a. Dates and time when visible emissions checks and observations are taken, and the steps taken to make any necessary corrections to bring opacity into compliance;

Inspections/Maintenance/General

b. Purchase records of Earthbind 100, or a product with similar specification, that will be used with the dust abatement injection system; *[HOO November 14, 2019]*

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

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

e. Manufacturer's O&M manual for the following emission units and/or control equipment (if available):

   i. baghouse, equipped on (EUs: A013(a-d), A130, A129a, A129b, A020, A025a, A026a, A029, A030, A032, A040, A041(a-c), A042, and A043)

   ii. baghouse, equipped on (EUs: B004, B035, and B100);

iii. baghouse, equipped on (EUs: D008 and D014);

iv. hot oil heater [EU: D026 (a-c)];

v. continuous- duty generators (EUs: A123, A123b, A123c, CY09, RS10, and PC09);

Daily Throughput/Actions – Various Plants

f. Daily throughput of material at the Primary Feed Plant, Secondary Feed Plant, Overland Feed Plant, Wash Plant 1, Wash Plant 2, Rip Rap / Miscellaneous Screening Plant, West Screen Plant, Aux Refeed System, Type II Plant Virgin / Recycle, Asphalt System Plant, Road Runner Portable Screen Plant, Blending System Plant, Coyote Portable Plant, and Portable Crushing Plant;

Daily Throughput/Actions – Drilling and Blasting

g. Daily number of drilled holes, and holes per blast on days when drilling occurs;

h. Daily usage of ANFO on days when used;

i. Daily number of detonated blasts on days when blasting occurs;

j. Logs of each area blasted, in square feet, on days when blasting occurs;

k. Logs of recorded current and predicted weather, as required for blasting in Section 2.2 of this permit, on days when blasting occurs;

Monthly and Annual Throughput/Actions – Various Plants

l. Monthly, consecutive 12-month total throughput of the primary feed plant, secondary feed plant, overland feed plant, wash plant 1, wash plant 2, rip rap / miscellaneous screening plant, west screen plant, aux refeed system, Type II plant virgin / recycle, asphalt system plant, Road Runner portable screen plant, blending system plant, Coyote portable plant, and portable crushing plant; (reported semiannually);

Monthly and Annual Throughput/Actions – Drilling and Blasting

m. Monthly, consecutive 12-month total number of drilled holes (reported semiannually);

n. Monthly, consecutive 12-month total usage of ANFO (reported semiannually);

o. Monthly, consecutive 12-month total number of detonated blasts (reported semiannually);

Monthly and Annual Throughput/Actions – Media Blasting

p. Monthly, consecutive 12-month hours of operation at the media blasting operation (EU: MB01)(reported semiannually);

Asphalt System

q. A minimum of hourly readings of the automated air-to-fuel ratio control system that optimizes burner performance on the drum mixer (EU: D014);

Gasoline Dispensing Operation - Inspections/Maintenance/General

r. Manufacturer's specifications for emission units and/or control equipment, if applicable and available;

s. Required equipment inspections and maintenance;

t. Maintenance on distribution and control (i.e., Phase I) equipment, including a general description of location and parts;

u. Date and time that storage and distribution equipment was taken out of service;

v. Date of repair or replacement of storage and distribution equipment/parts;

Gasoline Dispensing Operation - Actions/Throughput

w. Date and time of gasoline delivered;

x. Monthly total combined throughput of gasoline;

y. Monthly 12-month average combined throughput of gasoline (reported semiannually);

z. Calendar year combined annual gasoline product throughput (reported annually);

Baghouse

aa. Daily baghouse pressure differential (EUs: A013(a-d), A130, A129a, A129b, A020, A025a, A026a, A029, A030, A032, A040, A041(a-c), A042, and A043);

bb. Daily baghouse pressure differential (EUs: B004, B035, and B100);

cc. Daily baghouse pressure differential (EUs: D008 and D013);

dd. Monthly baghouse and bin vent inspections;

ee. Instances (of the required daily opacity readings on baghouses) where visible emissions were observed and descriptions of any action taken;

Continuous-Duty Generators

ff. Monthly, consecutive 12-month total hours of operation for each continuous-duty generator (EUs: A123, A123b, A123c, CY09, RS10, and PC09) (reported semiannually);

gg. Sulfur content and cetane index or aromatic content of diesel fuel used to power the emergency generator (EU: A123, A123b, A123c, CY09, and PC09), as certified by the supplier;

Nonroad Engines

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

Stockpiles (EU: G01)

ii. Total stockpile area, at the facility;

Paved Haul Road (EU: H06)

jj. Length(s) of on-site paved haul roads;

kk. Monthly, consecutive 12-month total vehicles miles traveled by haul trucks on haul road(s) (reported semiannually);

Unpaved Haul Road (EU: PC08)

ll. Length(s) of on-site unpaved haul roads;

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

nn. Monthly, consecutive 12-month total vehicles miles traveled by haul trucks on haul road(s) (reported semiannually);

Performance Testing

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

Emissions

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

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

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

7. For all inspections, visible emission checks, and testing required under monitoring, the logs, reports, and records shall include at least the date and time, the name of the person performing the action, the results or findings, and the type of corrective action taken (if required).

8. The permittee shall include in each record above, where applicable, the date and time the monitoring or measurement was taken, the person performing the monitoring or measurement, and the emission unit or location where the monitoring or measurement was performed. Each record must also contain the action taken to correct any deficiencies, when applicable. *[AQR 12.5.2.8]*

9. The permittee shall maintain all records for a period of at least five years from their creation. *[AQR 12.5.2.6(d) and AQR 12.5.2.8]*

4.4 REPORTING AND NOTIFICATIONS

1. The permittee shall certify compliance with the terms and conditions contained in this Part 70 OP, including emission limitations, standards, work practices, and the means for monitoring such compliance. *[AQR 12.5.2.8(e)]*

2. The permittee shall submit compliance certifications annually in writing to the Control Officer (4701 W. Russell Road, Suite 200, Las Vegas, NV 89118) and the Region 9 Administrator (Director, Air and Radiation Divisions, 75 Hawthorne St., San Francisco, CA 94105). A compliance certification for each calendar year will be due on January 30 of the following year, and shall include the following: *[AQR 12.5.2.8(e)]*

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

    b. The identification of the methods or other means used by the permittee for determining the compliance status with each term and condition during the certification period. These methods and means shall include, at a minimum, the monitoring and related recordkeeping and reporting requirements described in 40 CFR Part 70.6(a)(3). If necessary, the permittee shall also identify any other material information that must be included in the certification to comply with Section 113(c)(2) of the Clean Air Act, which prohibits knowingly making a false certification or omitting material information; and

    c. The status of compliance with the terms and conditions of the permit for the period covered by the certification, including whether compliance during the period was continuous or intermittent. The certification shall be based on the methods or means designated in (b) above. The certification shall identify each deviation and take it into account in the compliance certification. The certification shall also identify, as possible exceptions to compliance, any periods during which compliance was required and in which an excursion or exceedance, as defined under 40 CFR Part 64, occurred.

3. The permittee shall report to the Control Officer any startup, shutdown, malfunction, emergency, or deviation that causes emissions of regulated air pollutants in excess of any limits set by regulations or this permit. The report shall be in two parts, as specified below: *[AQR 12.5.2.6(d)(4)(B); AQR 25.6.1]*

    a. Within 24 hours of the time the permittee learns of the excess emissions, the permittee shall notify DAQ by phone at (702) 455-5942, by fax at (702) 383-9994, or by email at airquality@clarkcountynv.gov.

    b. Within 72 hours of the notification required by paragraph 3.a above, the permittee shall submit a detailed written report to DAQ containing the information required by AQR 25.6.3.

4. With the semiannual monitoring report, the permittee shall report to the Control Officer all deviations from permit conditions that do not result in excess emissions, including those attributable to malfunction, startup, or shutdown. Reports shall identify the probable cause of each deviation and any corrective actions or preventative measures taken. *[AQR 12.5.2.6(d)(4)(B)]*

5. The owner or operator of any source required to obtain a permit under AQR 12 shall report to the Control Officer emissions in excess of an applicable requirement or emission limit that pose a potential imminent and substantial danger to public health and safety or the environment as soon as possible, but no later than 12 hours after the deviation is discovered, and submit a written report within two days of the occurrence. *[AQR 25.6.2]*

6. The permittee shall submit all compliance certifications to the U.S. Environmental Protection Agency (EPA) and to the Control Officer. *[AQR 12.5.2.8(e)(4)]*

7. Any application form, report, or compliance certification submitted to the Control Officer pursuant to the permit or the AQRs, shall contain a certification by a Responsible Official, with an original signature, of truth, accuracy, and completeness. This certification, and any other required under AQR 12.5, shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. *[AQR 12.5.2.6(l)]*

8. The permittee shall furnish to the Control Officer, in writing and within a reasonable time, any information that the Control Officer may request to determine whether cause exists for revising, revoking and reissuing, or terminating the permit, or to determine compliance with the permit. Upon request, the permittee shall also furnish to the Control Officer copies of records that the permit requires keeping. The permittee may furnish records deemed confidential directly to the Administrator, along with a claim of confidentiality. *[AQR 12.5.2.6(g)(5)]*

9. At the Control Officer's request, the permittee shall provide any information or analyses that will disclose the nature, extent, quantity, or degree of air contaminants that are or may be discharged by the source, and the type or nature of control equipment in use. The Control Officer may require such disclosures be certified by a professional engineer registered in the state. In addition to this report, the Control Officer may designate an authorized agent to make an independent study and report on the nature, extent, quantity, or degree of any air contaminants that are or may be discharged from the source. An agent so designated may examine any article, machine, equipment, or other contrivance necessary to make the inspection and report. *[AQR 4.1]*

10. The permittee shall submit annual emissions inventory reports based on the following: *[AQR 18.6.1 and AQR 12.5.2.4]*

    a. The annual emissions inventory must be submitted to DAQ by March 31 of each calendar year (if March 31 falls on a state or federal holiday, or on any day the office is not normally open for business, the submittal is due on the next business day);

b. The calculated actual annual emissions from each emission unit shall be reported even if there was no activity, along with the total calculated actual annual emissions for the source based on the emissions calculation methodology used to establish the potential to emit (PTE) in the permit or an equivalent method approved by the Control Officer prior to submittal; and

c. As the first page of text, a signed certification containing the sentence: "I certify that, based on information and belief formed after reasonable inquiry, the statements contained in this document are true, accurate, and complete." This statement shall be signed and dated by a Responsible Official of the company (a sample form is available from DAQ).

11. Stationary sources that emit 25 tons or more of nitrogen oxide (NO_X) and/or emit 25 tons or more of volatile organic compounds (VOC) from their emission units, insignificant activities, and exempt activities during a calendar year shall submit an annual emissions statement for both pollutants. Emissions statements must include actual annual NOX and VOC emissions from all activities, including emission units, insignificant activities and exempt activities. Emissions statements are separate from, and additional to, the calculated annual emissions reported each year for all regulated air pollutants (aka Emissions Inventory). *[AQR 12.9.1]*

12. The permittee shall submit to the Control Officer, within 15 days after commencing operation, any outstanding identification and/or description that was not previously available for new emission unit(s), as noted in this permit with "TBD." (Use this condition if there is emission unit information in the permit that is incomplete and noted with "TBD.")

13. The permittee shall comply with all applicable notification and reporting requirements of 40 CFR Part 60.7, 40 CFR Part 60 Subpart OOO, 40 CFR Part 60 Subpart IIII, 40 CFR Part 63 Subpart ZZZZ, 40 CFR Part 63 Subpart JJJJ, 40 CFR Part 72.9(f), 40 CFR Part 75, and any other applicable regulations. *[AQR 12.5.2.6(d)]*

14. The permittee shall submit semiannual monitoring reports to DAQ. *[AQR 12.5.2.6(d) & AQR 12.5.2.8]*

15. The following requirements apply to semiannual reports: *[AQR 12.5.2.6(d) & AQR 12.5.2.8]*

    a. The report shall include items listed in Section 4.3.6, as identified.

    b. The report shall be based on a calendar semiannual period, which includes partial reporting periods.

    c. The report shall be received by DAQ within 30 calendar days after the semiannual period.

16. Regardless of the date of issuance of this operating permit, the source shall comply with the schedule for report submissions outlined in Table 4-4. *[AQR 12.5.2.6(d) & AQR 12.5.2.8]*

Table 4-4. Required Submission Dates for Various Reports

Required Report	Applicable Period	Due Date
Written notice describing differences in constructions/modifications than what was authorized	As required	No more than 30 days before commencing operations.
Annual Emissions Inventory Report	Calendar year	March 31 each year [1]
Signed Certification of Annual Emissions Inventory Report	Calendar year	March 31 each year [1]
Annual Emissions Statement[2]	Calendar year	March 31 each year [1]
Notification of Upset, Breakdown, Malfunction, Emergency, or Deviation with Excess Emissions	As required	Within 24 hours of the permittee learns of the event
Report of Upset, Breakdown, Malfunction, Emergency, or Deviation with Excess Emissions	As required	Within 72 hours of the notification [1]
Deviation Report without Excess Emissions	As required	Along with annual reports [1]
Performance Testing Protocol	As required	No less than 45 days, but no more than 90 days, before the anticipated test date [1]
Performance Testing Results	As required	Within 60 days of end of test [1]

[1] If the due date falls on a federal or Nevada holiday, or on any day the office is not normally open for business, the submittal is due on the next regularly scheduled business day.
[2] Required only for stationary sources that emit 25 tons or more of nitrogen oxide (NO_X) and/or emit 25 tons or more of volatile organic compounds (VOC) during a calendar year.

17. The Control Officer reserves the right to require additional reports and reporting to verify compliance with permit emission limits, applicable permit requirements, and requirements of applicable federal regulations. *[AQR 4.1]*

4.5 MITIGATION

The source has no federal offset requirements. *[AQR 12.7]*

5.0 PERMIT SHIELD

The source has not requested a permit shield. *[AQR 12.5.2.9]*

6.0 ACID RAIN REQUIREMENTS

Amrize Soutwest Incorporated is not subject to any acid rain requirements. *[Title IV of the Clean Air Act and 40 CFR Parts 72-77]*

7.0 OTHER REQUIREMENTS

1. Any person who violates any provision of the AQRs, including, but not limited to, any application requirement; any permit condition; any fee or filing requirement; any duty to allow or carry out inspection, entry, or monitoring activities; or any requirements from DAQ is guilty of a civil offense and shall pay a civil penalty levied by the Air Pollution Control Hearing Board and/or the Hearing Officer of not more than $10,000. Each day of violation constitutes a separate offense. *[AQR 9.1; NRS 445B.640]*

2. Any person aggrieved by an order issued pursuant to AQR 9.1 is entitled to review, as provided in Chapter 233B of the NRS. *[AQR 9.12]*

3. The permittee shall comply with the requirements of Title 40, Part 61 of the Code of Federal Regulations (40 CFR Part 61), Subpart M—the National Emission Standard for Asbestos—for all demolition and renovation projects. *[AQR 13.1(b)(8)]*

4. The permittee shall not use, sell, or offer for sale any fluid as a substitute material for any motor vehicle, residential, commercial, or industrial air conditioning system, refrigerator freezer unit, or other cooling or heating device designated to use a Class I or Class II ozone-depleting substance or any nonexempt substitute refrigerant as a working fluid, unless such fluid has been approved for sale in such use by the EPA Administrator. The permittee shall keep records of all paperwork relevant to the applicable requirements of 40 CFR Part 82 on-site. *[40 CFR Part 82]*

8.0 GENERAL CONDITIONS

8.1 GENERAL REQUIREMENTS

1. The permittee shall comply with all conditions of the Part 70 OP. Any permit noncompliance may constitute a violation of the Clark County Air Quality Regulations (AQRs), Nevada law, and the Clean Air Act, and is grounds for enforcement action; for permit termination, revocation and reissuance, or revision; or for denial of a renewal application. *[AQR 12.5.2.6(g)(1)]*

2. If any term or condition of this permit becomes invalid as a result of a challenge to a portion of this permit, the other terms and conditions of this permit shall be unaffected and remain valid. *[AQR 12.5.2.6(f)]*

3. The permittee shall pay all permit fees pursuant to AQR 18. *[AQR 12.5.2.6(h)]*

4. This permit does not convey property rights of any sort, or any exclusive privilege. *[AQR 12.5.2.6(g)(4)]*

5. The permittee agrees to allow inspection of the premises to which this permit relates by any authorized representative of the Control Officer at any time during the permittee's hours of operation without prior notice. The permittee shall not obstruct, hamper, or interfere with any such inspection. *[AQR 4.1; AQR 5.1.1; and AQR 12.5.2.8(b)]*

6. The permittee shall allow the Control Officer, upon presentation of credentials, to: *[AQR 4.1 and AQR 12.5.2.8(b)]*

    a. Access and copy any records that must be kept under the conditions of the permit;

    b. Inspect any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit;

    c. Sample or monitor substances or parameters for the purpose of assuring compliance with the permit or applicable requirements; and

    d. Document alleged violations using such devices as cameras or video equipment.

7. Any permittee who fails to submit relevant facts or who has submitted incorrect information in a permit application shall, upon becoming aware of such failure or incorrect submittal, promptly submit the needed supplementary facts or corrected information. In addition, the permittee shall provide additional information as necessary to address any requirements that become applicable to the source after the date a complete application was filed but prior to release of a draft permit. A Responsible Official shall certify the additional information consistent with the requirements of AQR 12.5.2.4. *[AQR 12.5.2.2]*

8. Anyone issued a permit under AQR 12.5 shall post it in a location where it is clearly visible and accessible to facility employees and DAQ representatives. *[AQR 12.5.2.6(m)]*

9. The permittee shall not use as a defense in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. *[AQR 12.5.2.6(g)(2)]*

8.2 MODIFICATION, REVISION, AND RENEWAL REQUIREMENTS

1. No person shall begin actual construction of a new Part 70 source, or modify or reconstruct an existing Part 70 source that falls within the preconstruction review applicability criteria, without first obtaining an Authority to Construct (ATC) from the Control Officer. *[AQR 12.4.1.1(a)]*

2. The permit may be revised, revoked, reopened and reissued, or terminated for cause by the Control Officer. The filing of a request by the permittee for a permit revision, revocation, reissuance, or termination, or of a notification of planned changes or anticipated noncompliance, does not stay any permit condition. *[AQR 12.5.2.6(g)(3)]*

3. The permit shall be reopened under any of the following circumstances and when all applicable requirements pursuant to AQR 12.5.2.15 are met: *[AQR 12.5.2.15(a)]*

    a. New applicable requirements become applicable to a stationary source considered "major" (per the definition in AQR 12.2, AQR 12.3, or 40 CFR Part 70.3(a)(1)) with a remaining permit term of three or more years;

    b. Additional requirements (including excess emissions requirements) become applicable to an affected source under the Acid Rain Program;

    c. The Control Officer or U.S. Environmental Protection Agency (EPA) determines that the permit contains a material mistake, or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit; or

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

4. A permit, permit revision, or renewal may be approved only if all of the following conditions have been met: *[AQR 12.5.2.10(a)]*

    a. The permittee has submitted to the Control Officer a complete application for a permit, permit revision, or permit renewal (except a complete application need not be received before a Part 70 general permit is issued pursuant to AQR 12.5.2.20); and

    b. The conditions of the permit provide for compliance with all applicable requirements and the requirements of AQR 12.5.

5. The permittee shall not build, erect, install, or use any article, machine, equipment, or other contrivance, the use of which, without resulting in a reduction in the total release of air contaminants to the atmosphere, reduces or conceals an emission that would otherwise constitute a violation of an applicable requirement. *[AQR 80.1 and 40 CFR Part 60.12]*

6. No permit revisions shall be required under any approved economic incentives, marketable permits, emissions trading, and other similar programs or processes for changes that are provided for in the permit. *[AQR 12.5.2.6(i)]*

7. Permit expiration terminates the permittee's right to operate unless a timely and complete renewal application has been submitted. *[AQR 12.5.2.11(b)]*

8. For purposes of permit renewal, a timely application is a complete application that is submitted at least six months, but not more than 18 months, prior to the date of permit expiration. If a source submits a timely application under this provision, it may continue operating under its current Part 70 OP until final action is taken on its application for a renewed Part 70 OP. *[AQR 12.5.2.1(a)(2)]*

9.0 ATTACHMENTS

9.1 APPLICABLE REGULATIONS

Requirements Specifically Identified as Applicable

1. NRS, Chapter 445B.
2. Clean Air Act Amendments (42 U.S.C. § 7401, et seq.)
3. Applicable AQRs listed in Table 9.1.
4. Applicable 40 CFR sections listed in Table 9.2.

Table 9-1. Applicable Clark County AQRs

Citation	Title
AQR 0	"Definitions"
AQR 4	"Control Officer"
AQR 5	"Interference with Control Officer"
AQR 8	"Persons Liable for Penalties – Punishment: Defense"
AQR 9	"Civil Penalties"
AQR 12.0	"Applicability and General Requirements"
AQR 12.4	"Authority to Construct Application and Permit Requirements for Part 70 Sources"
AQR 12.5	"Part 70 Operating Permit Requirements"
AQR 12.9	"Annual Emissions Inventory Requirement"
AQR 13.1(b)(1)	"Subpart A - General Provisions"
AQR 13.1(b)(82)	"Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines"
AQR 14.1(b)(1)	"Subpart A – General Provisions"
AQR 14.1(b)(13)	"Subpart I – Hot Mix Asphalt Plants"
AQR 14.1(b)(69)	"Subpart OOO – Standards of Performance for Nonmetallic Mineral Processing Plants"
AQR 14.1(b)(82)	"Subpart IIII – Standards of Performance for Stationary Compression Ignition Internal Combustion Engines"
AQR 18	"Permit and Technical Service Fees"
AQR 25	"Affirmative Defense for Excess Emissions due to Malfunctions, Startup, and Shutdown"
AQR 26	"Emission of Visible Air Contaminants"
AQR 28	"Fuel Burning Equipment"
AQR 40	"Prohibitions of Nuisance Conditions"
AQR 41	"Fugitive Dust", AQR 41.1.2 only
AQR 42	"Open Burning"
AQR 43	"Odors in the Ambient Air"

Citation	Title
AQR 70	“Emergency Procedures”
AQR 80	“Circumvention”

Table 9-2. Federal Standards

Citation	Title
40 CFR Part 52.21	“Prevention of Significant Deterioration of Air Quality”
40 CFR Part 52.1470	“Approval and Promulgation of Implementation Plans, Subpart DD—Nevada”
40 CFR Part 60 Subpart A	“General Provisions”
40 CFR Part 60 Subpart I	“Standards of Performance for Hot Mix Asphalt Facilities”
40 CFR Part 60 Subpart OOO	“Standards of Performance for Nonmetallic Mineral Processing Plants”
40 CFR Part 60 Subpart IIII	“Standards of Performance for Stationary Compression Ignition Internal Combustion Engines”
40 CFR Part 60	Appendix A, Method 9 or Equivalent, (Opacity)
40 CFR Part 60 Appendix A-3	“Test Methods 4 through 5I” (PM in g/dscm)
40 CFR Part 60 Appendix A-4	“Test Methods 6 through 10B” (opacity)
40 CFR Part 63 Subpart A	“General Provisions”
40 CFR Part 63 Subpart ZZZZ	“National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines”
40 CFR Part 70	“State Operating Permit Programs”
40 CFR Part 82	“Protection of Stratospheric Ozone”