Heidelberg Materials

TV Tracking #1175 (Semi-Annual)

1. ☐ RECEIVED IN ENFORCEMENT: 07/30/2025

Lehigh Southwest Cement Company
Sanjeet Sen
24001 Stevens Creek Blvd.
Cupertino, CA 95014
Phone (408) 996-4249

July 25, 2025

Director of Compliance and Enforcement
Bay Area Air Quality Management District
375 Beale Street, Suite 600
San Francisco, CA 94105
Attn: Title V Reports

Re: Semi-Annual Monitoring Report January 1, 2025, through June 30, 2025
Facility #: A0017

Dear Sir or Madam:

The Semi-Annual Monitoring Report (SAMR) for Lehigh Southwest Cement Company's (LSCC's) Cupertino Facility Number A0017 is enclosed with this letter. The SAMR is required to be submitted to the Bay Area Air District (District) by July 31, 2025, for the reporting period of January 1, 2025, through June 30, 2025.[1]

TRANSFER OF OWNERSHIP OF SELECT SOURCES

LSCC transferred ownership of S-300, S-616, S-617, S-618, S-619, S-620, and S-621 to Vulcan Materials Company (Vulcan) effective April 2, 2025. Under the ownership transfer agreement, Vulcan is responsible for its Permit to Operate compliance, while LSCC will report Vulcan's compliance status for Title V purposes until the Bay Area Air District terminates LSCC's Title V permit (Application Number 714981).

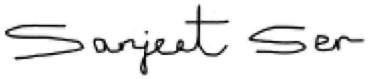
FUGITIVE DUST CONTROL PLAN INTERIM PROGRESS REPORT

In the November 30, 2020, Interim Progress Report, LSCC requested that the submission of future interim progress reports occur on the same schedule as the semi-annual compliance certifications. LSCC is reporting in accordance with this request. There was no blasting activity in the Permanente quarry during the reporting period. No blasting activity precludes any field study of methods that have the potential to minimize dust that may be generated during blasting.

[1] Major Facility Review Permit, Condition I.F

If you require any additional information or should you have any questions, please contact me at sanjeet.sen@heidelbergmaterials.com or (408) 996-4249.

Sincerely,



Sanjeet Sen
Senior Environmental Manager
Lehigh Southwest Cement Company – Permanente Plant

Attachment 1: SAMR

cc: Joerg Nixdorf, LSCC
Bradd Statley, LSCC
Morgan Webster, LSCC

Compliance Certification

Based on the information and belief formed after reasonable inquiry, the statements and information in the attached Compliance Certification form are true, accurate, and complete.[2]

Bradd Statley – General Manager Bradd Statley
Signature

7-26-25
Date

Sanjeet Sen – Senior Environmental Manager Sanjeet Sen
Signature

07/25/2025
Date

Joerg Nixdorf – Vice President – Cement Operations
Signature

July 25, 2025
Date

[2] Major Facility Review Permit, Condition I.B.11

Heidelberg Materials

Attachment 1: SAMR

Table of Contents - Lehigh Southwest Cement Company - SAMR

Table Link	Equipment Description
Table IV & VII	Facility Wide
Table IV & VII- A	S-1 Gasoline Dispensing Facility
Table IV & VII- I	S-111 Rail Unloading System abated by A-111 Dust Collector
Table IV & VII- J	S-121 Tertiary Scalping Screen (2-VS-1, 2-VS-2) abated by A-121 Dust Collector S-122 Tertiary Crusher (2-cr-1) abated by A-121 and A-122 Dust Collectors
Table IV & VII- K	S-123 Rock Conveying System abated by A-122 and A-123 Dust Collectors S-132 Preblend abated by A-132 and A-133 Dust Collectors
Table IV & VII- P	S-162 Clinker Silo (5-S-11) abated by A-162 Dust Collector S-163 Clinker Silo (5-S-12) abated by A-163 Dust Collector
Table IV & VII- S	S-176 Rock Plant #1 Storage Pile
Table IV & VII- U	S-609 Primary Crusher S-612 Secondary Crusher
Table IV & VII- CC	S-300 Rockplant Wet Aggregate Storage Piles abated by A-300 Water Spray System
Table IV & VII- QQ	S-501 Emergency Diesel Generator S-502 Emergency Diesel Generator
Table IV & VII- SS	S-600 Quarry Blasting and Mobile Operations
Table IV & VII- TT	S-608 Hopper/Grizzly Feeder abated by A-608 Water Suppression Spray S-610 Conveyor System (BC-1, BC-2, BC-3) abated by A-610, A-611, A-612 Dust Collectors S-611 Vibrating Grizzly abated by A-610 Dust Collector
Table IV & VII- UU	S-606 Storage Piles (Area 1) abated by A-606 Water Spray (mobile water truck) S-607 Storage Piles (Area 2) abated by A-607 Water Spray (mobile water truck)
Table IV - VV	S-616 Portable Jaw Crusher abated by A-616 Water Spray S-617 Portable Cone Crusher abated by A-616 Water Spray S-618 Portable Rock Plant Conveyors abated by A-616 Water Spray S-619 Portable Screen Plant #1 abated by A-616 Water Spray S-620 Portable Screen Plant #2 abated by A-616 Water Spray S-621 Portable Screen Plant #3 abated by A-616 Water Spray
Permanently Shut Down Sources	

Table IV & Table VII
General Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
Facility Wide

Applicable Requirement	Regulation Title or Description of Requirement	Limit	Monitoring Citation	Monitoring & Frequency	Reporting	R	FE	Compliance Status (Continuous/ Intermittent)
BAAQMD Condition 24621, Part 1	Propose, operate and maintain the Fugitive Dust Control Plan	Opacity (Ringelmann 1.0 for < 3 min/hr), Total Suspended Particulate (0.15 gr/dscf), Total Suspended Particulate (Table 6- 1-311.2)	SIP Regulation 6-1-301, 6-1-310, 6-1-311	Update as necessary or at least once every 5 yrs	Y	Y	Y	Continuous
BAAQMD Condition 24621, Part 2	Source test requirement at least once every 5 yrs	Opacity (Ringelmann 1.0 for < 3 min/hr), Total Suspended Particulate (0.15 gr/dscf), Total Suspended Particulate (Table 6- 1-311.2)	SIP Regulation 6-1-301, 6-1-310, 6-1-311	Source Test At least once every 5 yrs	Y	Y	Y	Continuous

Link: Table of Contents

Table IV & Table VII- A
Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-1 Gasoline Dispensing Facility

Applicable Requirement	Regulation Title or Description of Requirement	Limit	Monitoring Citation	Monitoring & Frequency	Reporting	R	FE	Compliance Status (Continuous/ Intermittent)
BAAQMD Regulation 8, Rule 7	**Organic Compounds: Gasoline Dispensing Facilities (3/24/03)**							
8-7-114	Stationary Tank Testing Exemption	EXEMPT THROUGHPUT Maximum amount exempt from Phase I is: 1000 gallons per facility for tank integrity leak checking	BAAQMD 8-7-501 & 8-7-503.2	Records P/E	Once every six months	Y	Y	Continuous
8-7-301.6	Leak-Free and Vapor Tight Requirement for Components	ORGANIC COMPOUNDS All Phase I Equipment (except components with allowable leak rates) shall be leak free (≤3 drops/minute) and vapor tight	BAAQMD 8-7-301.13 and 8-7-407	Annual Check for Vapor Tightness and Proper Operation of Vapor Recovery System P/A	Annually	Y	Y	Continuous
8-7-302.14	Annual Back Pressure Test Requirements for Balance Systems	Dynamic Back Pressure not to exceed 0.35" WC @ 60 CFH and 0.62" WC @ 80 CFH	CARB E.O. VR-203	Annual Dynamic Back Pressure Test P/A	Annually	Y	Y	Continuous
BAAQMD Condition #7523 Part 1:	Annual Gasoline throughput shall not exceed 400,000 gallons in any consecutive 12 month period (Basis: District Regulation 2-5)	THROUGHPUT Gasoline dispensing throughput < 400,000 gallons/yr	BAAQMD 8-7-503.1 & 8-7-503.2	Record Keeping P/M	Once every six months	Y	N	Continuous
BAAQMD Condition #20666 Part 2:	Torque Test per CARB TP 201.1B	POC Specified in CARB E.O. VR-102	CARB E.O. VR-102	Triennial torque test (CARB TP 201.1B) P/3A	Every three years	Y	Y	Continuous
BAAQMD Condition #20666 Part 2:	Drop Tube Test per CARB TP 201.1C or 201.1 D	POC Specified in CARB E.O. VR- 102H2O	CARB E.O. VR-102	Triennial drop tube test (CARB TP 201.1C or 201.1D) P/3A	Every three years	Y	Y	Continuous
BAAQMD Condition # 24297 Part 3a:	Recordkeeping	Throughput		P/M	Annual	Y	Y	Continuous
BAAQMD Condition # 24297 Part 3b:	Recordkeeping	Testing and Maintenance		P/E		Y	Y	Continuous
BAAQMD Condition # 24297 Part 4:	Component requirement	Leak free no greater than 3 drops per minute and Vapor tight		Vapor tight: MOP Method ST-30		Y	Y	Continuous
BAAQMD Condition #24297 Part 6a:	Initial Compliance Demonstration requirements	Static Pressure Performance Test – TP-201.3	CARB E.O. VR-203, Exhibit 4	Static Pressure Performance Test P/A	Initial	Y	Y	Continuous
BAAQMD Condition #24297 Part 6b:	Initial Compliance Demonstration requirements	Dynamic Back Pressure not to exceed 0.35" WC @ 60 CFH and 0.62" WC @ 80 CFH	CARB E.O. VR-203, Exhibit 2	Dynamic Back Pressure Test P/A	Initial	Y	Y	Continuous
BAAQMD Condition #24297 Part 6c:	Initial Compliance Demonstration requirements	Liquid Removal Test per CARB E.O. VR-203, Exhibit 5, Option 1	CARB E.O. VR-203, Exhibit 5	Liquid Removal Test P/A	Initial	Y	Y	Continuous
BAAQMD Condition #24297 Part 6d:	Initial Compliance Demonstration requirements	Vapor Pressure Sensor Verification Test per E.O. VR- 203, Exhibit 8,	CARB E.O. VR-203, Exhibit 8	Vapor Pressure Sensor Verification P/A	Initial	Y	Y	Continuous

Table IV & Table VII- A
Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-1 Gasoline Dispensing Facility

Applicable Requirement	Regulation Title or Description of Requirement	Limit	Monitoring Citation	Monitoring & Frequency	Reporting	R	FE	Compliance Status (Continuous/ Intermittent)
BAAQMD Condition #24297 Part 6e:	Initial Compliance Demonstration requirements	Nozzle Bag Test	CARB E.O. VR-203, Exhibit 10		Initial	Y	Y	Continuous
BAAQMD Condition #24297 Part 6f:	Initial Compliance Demonstration requirements	Veeder-Root Vapor Polisher Operability Test. E.O. VR-203, Exhibit 11	CARB E.O. VR-203, Exhibit 11	Vapor Pressure Operability Test P/A	Initial	Y	Y	Continuous
BAAQMD Condition #24297 Part 6g:	Initial Compliance Demonstration requirements	Veeder-Root Vapor Polisher Emissions Test - E.O. VR-203, Exhibit 12	CARB E.O. VR-203, Exhibit 12	Vapor Polisher Emissions Test P/A	Initial	Y	Y	Continuous
BAAQMD Condition #24297 Part 7a:	Initial Compliance Demonstration requirements	Static Pressure Performance Test – TP-201.3	CARB E.O. VR-203, Exhibit 4	Static Pressure Performance Test P/A	Initial	Y	Y	Continuous
BAAQMD Condition #24297 Part 7b:	Initial Compliance Demonstration requirements	Dynamic Back Pressure not to exceed 0.35" WC @ 60 CFH and 0.62" WC @ 80 CFH	CARB E.O. VR-203, Exhibit 2	Dynamic Back Pressure Test P/A	Initial	Y	Y	Continuous
BAAQMD Condition #24297 Part 7c:	Initial Compliance Demonstration requirements	Liquid Removal Test per CARB E.O. VR-203, Exhibit 5, Option 1	CARB E.O. VR-203, Exhibit 5	Liquid Removal Test P/A	Initial	Y	Y	Continuous
BAAQMD Condition #24297 Part 7d:	Initial Compliance Demonstration requirements	Vapor Pressure Sensor Verification Test per E.O. VR- 203, Exhibit 8,	CARB E.O. VR-203, Exhibit 8	Vapor Pressure Sensor Verification P/A	Initial	Y	Y	Continuous
BAAQMD Condition #24297 Part 7e:	Initial Compliance Demonstration requirements	Veeder-Root Vapor Polisher Operability Test. E.O. VR-203, Exhibit 11	CARB E.O. VR-203, Exhibit 11	Vapor Pressure Operability Test P/A	Initial	Y	Y	Continuous
BAAQMD Condition #24297 Part 7f:	Initial Compliance Demonstration requirements	Veeder-Root Vapor Polisher Emissions Test - E.O. VR-203, Exhibit 12	CARB E.O. VR-203, Exhibit 12	Vapor Polisher Emissions Test P/A	Initial	Y	Y	Continuous
BAAQMD Condition #24297 Part 10:	Gasoline Dispensing Rate	≤10.0 gallons per minute and ≥ 6.0 gallons per minute	CARB E.O. VR-203, Ex. 5		Initial	Y	Y	Continuous
BAAQMD Condition #24298 Part 3:	Leak Free and Vapor Tight	Leak free: ≤ 3 drops/min; Vapor Tight: leak of less than 100 percent of the lower explosive limit on a combustible gas detector measured at a distance of 1 inch from the source or absence of a leak as determined by the District Manual of Procedures, Volume IV, ST- 30 or CARB Method TP-201.3	8-7-407	8-7-602 P/A	Annually	Y	Y	Continuous
BAAQMD Condition #24298 Part 4a:	On-going Compliance Demonstration requirements	Static Pressure Performance Test – TP-201.3	CARB E.O. VR-203	Annual Static Pressure Performance Test P/A	Annually	Y	Y	Continuous
BAAQMD Condition #24298 Part 4b:	On-going Compliance Demonstration requirements	Dynamic Back Pressure not to exceed 0.35" WC @ 60 CFH and 0.62" WC @ 80 CFH	CARB E.O. VR-203	Annual Dynamic Back Pressure Test P/A	Annually	Y	Y	Continuous
BAAQMD Condition #24298 Part 4c:	On-going Compliance Demonstration requirements	Liquid Removal Test per CARB E.O. VR-203, Exhibit 5, Option 1	CARB E.O. VR-203	Annual Liquid Removal Test P/A	Annually	Y	Y	Continuous
BAAQMD Condition #24298 Part 4d:	On-going Compliance Demonstration requirements	Vapor Pressure Sensor Verification Test per E.O. VR- 203, Exhibit 8,	CARB E.O. VR-203	Annual Vapor Pressure Sensor Verification P/A	Annually	Y	Y	Continuous

Table IV & Table VII- A
Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-1 Gasoline Dispensing Facility

Applicable Requirement	Regulation Title or Description of Requirement	Limit	Monitoring Citation	Monitoring & Frequency	Reporting	R	FE	Compliance Status (Continuous/ Intermittent)
BAAQMD Condition #24298 Part 4e:	On-going Compliance Demonstration requirements	Veeder-Root Vapor Polisher Operability Test. E.O. VR-203, Exhibit 11	CARB E.O. VR-203	Annual Vapor Pressure Operability Test P/A	Annually	Y	Y	Continuous
BAAQMD Condition #24298 Part 4f:	On-going Compliance Demonstration requirements	Veeder-Root Vapor Polisher Emissions Test - E.O. VR-203, Exhibit 12	CARB E.O. VR-203	Annual Vapor Polisher Emissions Test P/A	Annually	Y	Y	Continuous
BAAQMD Condition #24298 Part 7:	Gasoline Dispensing Rate	≤10.0 gallons per minute and ≥ 6.0 gallons per minute	CARB E.O. VR-203, Ex.5				Y	Continuous

Link: Table of Contents

Table IV & Table VII- I
Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-111 Rail Unloading System abated by A-111 Dust Collector

Applicable Requirement	Regulation Title or Description of Requirement	Limit	Monitoring Citation	Monitoring & Frequency	Reporting	R	FE	Compliance Status[1] (Continuous/ Intermittent)
BAAQMD Regulation 6, Rule 1	**Particulate Matter (12/05/07)**							
6-1-301	Ringelmann Number 1 Limitation	OPACITY Ringelmann 1.0 for < 3 min/hr	BAAQMD condition # 20751, part 3b	Pressure Drop Monitoring P/Q	Once every six months	Y	N	Continuous
6-1-301	Ringelmann Number 1 Limitation	OPACITY Ringelmann 1.0 for < 3 min/hr	BAAQMD condition # 20753, part 1	Visual Inspection (M22) P/Q	Once every six months	Y	N	Continuous
6-1-310	Particulate Weight Limitation	FILTERABLE PARTICULATE 0.15 gr/dscf	BAAQMD condition # 20751, part 3b	Pressure Drop Monitoring P/Q	Once every six months	Y	N	Continuous
6-1-311	General Operations	FILTERABLE PARTICULATE $4.10P^{0.67}$ lb/hr. where P is process weight, ton/hr		Source Test P/once every 5 yrs	Once every 5 yrs	Y	N	Continuous
SIP Regulation 6	**Particulate Matter and Visible Emissions (09/04/98)**							
6-301	Ringelmann Number 1 Limitation	OPACITY Ringelmann 1.0 for < 3 min/hr	BAAQMD condition # 20751, part 3b	Pressure Drop Monitoring P/Q	Once every six months	Y	Y	Continuous
6-301	Ringelmann Number 1 Limitation	OPACITY Ringelmann 1.0 for < 3 min/hr	BAAQMD condition # 20753, part 1	Visual Inspection (M22) P/Q	Once every six months	Y	Y	Continuous
6-310	Particulate Weight Limitation	FILTERABLE PARTICULATE 0.15 gr/dscf	BAAQMD condition # 20751, part 3b	Pressure Drop Monitoring P/Q	Once every six months	Y	Y	Continuous
6-311	General Operations	FILTERABLE PARTICULATE $4.10P^{0.67}$ lb/hr. where P is process weight, ton/hr		Source Test P/once every 5 yrs	Once every 5 yrs	Y	Y	Continuous
NSPS 40 CFR, Part 60 Subpart Y	**Standards of Performance for Coal Processing Plants**							
60.252(c)	Standards for Particulate Matter	OPACITY 20%	BAAQMD condition # 20751, part 3b	Pressure Drop Monitoring P/Q	Once every six months	Y	Y	Continuous
60.252(c)	Standards for Particulate Matter	OPACITY 20%	BAAQMD condition # 20753, part 1	Visual Inspection (M22) P/Q	Once every six months	Y	Y	Continuous
BAAQMD Condition # 2786								
Part D	Production Rates (Basis: Regulation 2-2-212 cumulative increase)	Clinker throughput not to exceed 1.6 million tons/yr	BAAQMD condition # 2786, part D	Log/Record Keeping P/D	Once every six months	Y	Y	Continuous
BAAQMD Condition #20751								
Part 2	Baghouse Pressure Drop Limit (Regulation 2-6-503)	Operating pressure drop range (0 to 10 inch water)	BAAQMD condition # 20751, part 3b	Pressure Drop Monitoring P/Q	Once every six months	Y	Y	Continuous
BAAQMD Condition # 24621								
Part 2	Perform Source Test at least once every five years (Regulation 6-1)	OPACITY Ringelmann 1.0 for < 3 min/hr FILTERABLE PARTICULATE 0.15 gr/dscf & $4.10P^{0.67}$ lb/hr where P is process weight,		Source Test P/once every 5 yrs	Once every 5 yrs	Y	Y	Continuous

1. S-111 was not in operation during the reporting period.

Link: Table of Contents

Table IV & Table VII- J
Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-121 Tertiary Scalping Screen (2-VS-1, 2-VS-2) abated by A-121 Dust Collector
S-122 Tertiary Crusher (2-cr-1) abated by A-121 and A-122 Dust Collectors

Applicable Requirement	Regulation Title or Description of Requirement	Limit	Monitoring Citation	Monitoring & Frequency	Reporting	R	FE	Compliance Status[1] (Continuous/ Intermittent)
BAAQMD Regulation 6, Rule 1	**Particulate Matter (12/05/07)**							
6-1-301	Ringelmann Number 1 Limitation	OPACITY Ringelmann 1.0 for < 3 min/hr	40 CFR Part 64.3 (b)(4)(iii) BAAQMD CAM Condition # 24781, Part 16	Pressure Drop Monitoring P/Q	Once every six months	Y	N	Continuous
6-1-301	Ringelmann Number 1 Limitation	OPACITY Ringelmann 1.0 for < 3 min/hr	40 CFR Part 64.3 (b)(4)(iii) BAAQMD CAM condition # 24781, Part 12	Visual Inspection (M22) P/Q	Once every six months	Y	N	Continuous
6-1-310	Particulate Weight Limitation	FILTERABLE PARTICULATE 0.15 gr/dscf	40 CFR Part 64.3 (b)(4)(iii) BAAQMD CAM condition # 24781, Part 16	Pressure Drop Monitoring P/Q	Once every six months	Y	N	Continuous
6-1-311	General Operations	FILTERABLE PARTICULATE $4.10P^{0.67}$ lb/hr. where P is process weight, ton/hr	BAAQMD Condition #24621, Part 2 BAAQMD CAM condition # 24781, Part 21	Source Test P/once every 5 yrs	Once every six months	Y	N	Continuous
SIP Regulation 6	**Particulate Matter and Visible Emissions (09/04/98)**							
6-301	Ringelmann Number 1 Limitation	OPACITY Ringelmann 1.0 for < 3 min/hr	BAAQMD CAM condition 24781 Part 12	Visual Inspection (M22) P/Q	Once every six months	Y	Y	Continuous
6-310	Particulate Weight Limitation	FILTERABLE PARTICULATE 0.15 gr/dscf	BAAQMD CAM condition 24781 Part 16	Pressure Drop Monitoring P/Q	Once every six months	Y	Y	Continuous
6-311	General Operations	FILTERABLE PARTICULATE $4.10P^{0.67}$ lb/hr. where P is process weight, ton/hr	BAAQMD Condition #24621, Part 2 BAAQMD CAM condition # 24781, Part 21	Source Test P/once every 5 yrs	Once every six months	Y	Y	Continuous
NSPS 40 CFR 60 Subpart OOO	**Standards of Performance for Nonmetallic Mineral Processing Plants (04/28/2009)**							
60.672(a)	Standard for Particulate Matter	PM10 0.022 gr/dscf	60.8 and 60.675	Test Method (M5 or M17) Initial	Initial	N	Y	Continuous
60.672(a)	Standard for Particulate Matter with Capture System	OPACITY < 7%	60.8 and 60.675	Visible Inspection (M9) Initial	Initial	N	Y	Continuous
60.672(b)	Standard for Particulate Matter without Capture System	OPACITY < 10%	60.11 and 60.675	Visible Inspection (M9) Initial	Initial	N	Y	Continuous

Table IV & Table VII- J
Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-121 Tertiary Scalping Screen (2-VS-1, 2-VS-2) abated by A-121 Dust Collector
S-122 Tertiary Crusher (2-cr-1) abated by A-121 and A-122 Dust Collectors

Applicable Requirement	Regulation Title or Description of Requirement	Limit	Monitoring Citation	Monitoring & Frequency	Reporting	R	FE	Compliance Status[1] (Continuous/ Intermittent)
40 CFR, Part 64	Compliance Assurance Monitoring							
64.3(b)(4)(iii)	Data Collection at least once per 24-hour period	CAM Plan: Pressure Drop 0.5 to 8 inches water		Pressure Drop Monitoring P/(Q) Visual Inspection (M22) P/Q	Once every six months	Y	Y	Continuous
BAAQMD Condition # 2786								
Part D	Production Rates (Basis: Regulation 2-2-212 cumulative increase)	Clinker throughput not to exceed 1.6 million tons/yr	BAAQMD condition # 2786, part D	Log/Record Keeping P/D	Once every six months	Y	Y	Continuous
BAAQMD Condition #24781	CAM Condition							
Part 12	Conduct Visible Emissions (NSPS 40 CFR Part 60 Subpart OOO)	M22 Quarterly		P/Q			Y	Continuous
Part 16	Pressure Drop Reading (40 CFR Part 64.3(b)(4)(iii)	Quarterly		P/Q			Y	Continuous
Part 18	Gauges Calibration (40 CFR Part 60, Subpart OOO, 40 CFR Part 64.3(b)(3)	Quarterly		P/Q			Y	Continuous
Part 20	Abatement Device Inspection (40 CFR 64.6(c)(1)(iii)			P/A			Y	Continuous
Part 21	Source Test (Regulation 2-1-403)	Once every 5 years		P/every 5 years		Y	Y	Continuous

1. S-121 and S-122 did not operate during the reporting period.

Link: Table of Contents

Table IV & Table VII- K
Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-123 Rock Conveying System abated by A-122 and A-123 Dust Collectors
S-132 Preblend abated by A-132 and A-133 Dust Collectors

Applicable Requirement	Regulation Title or Description of Requirement	Limit	Monitoring Citation	Monitoring & Frequency	Reporting	R	FE	Compliance Status[1] (Continuous/ Intermittent)
BAAQMD Regulation 6, Rule 1	**Particulate Matter (12/05/07)**							
6-1-301	Ringelmann Number 1 Limitation	OPACITY Ringelmann 1.0 for < 3 min/hr	BAAQMD condition # 20751, part 3b	Pressure Drop Monitoring P/Q	Once every six months	Y	N	Continuous
6-1-301	Ringelmann Number 1 Limitation	OPACITY Ringelmann 1.0 for < 3 min/hr	BAAQMD condition # 20753, part 1	Visual Inspection (M22) P/Q	Once every six months	Y	N	Continuous
6-1-310	Particulate Weight Limitation	FILTERABLE PARTICULATE 0.15 gr/dscf	BAAQMD condition # 20751, part 3b	Pressure Drop Monitoring P/Q	Once every six months	Y	N	Continuous
6-1-311	General Operations	FILTERABLE PARTICULATE $4.10P^{0.67}$ lb/hr. where P is process weight, ton/hr		Source Test P/once every 5 yrs	Once every 5 yrs	Y	N	Continuous
SIP Regulation 6	**Particulate Matter and Visible Emissions (09/04/98)**							
6-301	Ringelmann Number 1 Limitation	OPACITY Ringelmann 1.0 for < 3 min/hr	BAAQMD condition # 20751, part 3b	Pressure Drop Monitoring P/Q	Once every six months	Y	Y	Continuous
6-301	Ringelmann Number 1 Limitation	OPACITY Ringelmann 1.0 for < 3 min/hr	BAAQMD condition # 20753, part 1	Visual Inspection (M22) P/Q	Once every six months	Y	Y	Continuous
6-310	Particulate Weight Limitation	FILTERABLE PARTICULATE 0.15 gr/dscf	BAAQMD condition # 20751, part 3b	Pressure Drop Monitoring P/Q	Once every six months	Y	Y	Continuous
6-311	General Operations	FILTERABLE PARTICULATE $4.10P^{0.67}$ lb/hr. where P is process weight, ton/hr		Source Test P/once every 5 yrs	Once every 5 yrs	Y	Y	Continuous
NSPS 40 CFR 60 Subpart OOO	**Standards of Performance for Nonmetallic Mineral Processing Plants (04/28/2009)** (Apply to S-123 & S-131 only)							
60.672(a)	Standard for Particulate Matter	PM10 0.022 gr/dscf	60.8 and 60.675	Test Method (M5 or M17) Initial	Initial	N	Y	Continuous
60.672(a)	Standard for Particulate Matter with Capture System	OPACITY < 7%	60.8 and 60.675	Visible Inspection (M9) Initial	Initial	N	Y	Continuous
60.672(b)	Standard for Particulate Matter without Capture System	OPACITY < 10%	60.11 and 60.675	Visible Inspection (M9) Initial	Initial	N	Y	Continuous
NESHAP, 40 CFR, Part 63 Subpart LLL	**Portland Cement Manufacturing Industry (9/9/10)** (Apply to S-132, -134 and S- 135 only)							
63.1345	Opacity Limit	OPACITY 10%	63.1349(b)(2) 63.1350(f)(1)	M9 Initial M22 P/M			Y	Continuous
63.1348(a)(2)	Initial Compliance Requirements	Opacity 10%	63.1349(b)(2)	M9 Initial			Y	Continuous
63.1348(b)(1)(i)	General Requirements (Compliance by 9/9/2015)	Monitor, collect CEMs data	63.1350 & 63.1350(o)			Y	Y	Continuous

Table IV & Table VII- K
Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-123 Rock Conveying System abated by A-122 and A-123 Dust Collectors
S-132 Preblend abated by A-132 and A-133 Dust Collectors

Applicable Requirement	Regulation Title or Description of Requirement	Limit	Monitoring Citation	Monitoring & Frequency	Reporting	R	FE	Compliance Status[1] (Continuous/ Intermittent)
63.1348(b)(3)(i)	Continuous Compliance Requirements	Opacity 10%	63.1350(f)(1)	M22 P/M			Y	Continuous
63.1349(b)(2)	Opacity Performance Testing Requirements	Opacity M9 of appendix A-4, Part 60 (3 hours – 30 6 mins avg)		M9 Initial		Y	Y	Continuous
63.1349(b)(2)(i)	Opacity Performance Testing Requirements	If no individual opacity >10%, M9 can reduce to 1 hr	63.1349(c)	M9 Initial		Y	Y	Continuous
63.1349(b)(2)(ii)	Opacity Performance Testing Requirements	If no more than 3 reading of 10% for the first-hour period, M9 can reduce to 1 hr	63.1349(c)	M9 Initial		Y	Y	Continuous
63.1350(f)(1)(i)	Opacity Monitor Requirement	10-min visible test with M22 of appendix A-7		M22 P/M			Y	Continuous
63.1350(f)(1)(ii)	Opacity Monitor Requirement	If no visible observed in 6 consecutive tests, reduce M22 to semi-annual		M22 P/SA			Y	Continuous
63.1350(f)(1)(iii)	Opacity Monitor Requirement	If no visible observed during the semi-annual test, reduce M22 to annual		M22 P/A			Y	Continuous
63.1350(f)(1)(iv)	Opacity Monitor Requirement	If visible observed during any M22 tests, conduct 5 6-mins of M9 within 1 hour		M22, then M9 within 1 hr P/E			Y	Continuous
63.1350(f)(1)(vi)	Partially Enclosed or Unenclosed Opacity Monitor Requirement	M22 for at least 10 mins		M22			Y	Continuous
63.1350(f)(1)(vii)	Building Opacity Monitor Requirement	M22 for at least 10 mins		M22			Y	Continuous
63.1350(f)(3)	Corrective Actions	Within 1 hour		P/E			Y	Continuous
63.1350(m)(6)(iv)		Check pressure tap pluggage daily		P/D			Y	Continuous
63.1350(m)(6)(v)		Check gauge calibration quarterly and transducer calibration monthly install a new pressure sensor		P/Q and P/M			Y	Continuous
BAAQMD Condition # 2786								
Part D	Production Rates (Basis: Regulation 2-2-212 cumulative increase)	Clinker throughput not to exceed 1.6 million tons/yr	BAAQMD condition # 2786, part D	Log/Record Keeping P/D	Once every six months	Y	Y	Continuous
BAAQMD Condition #20751								
Part 2	Baghouse Pressure Drop Limit (Regulation 2-6-503)	Operating pressure drop range (0 to 10 inch water)	BAAQMD condition # 20751, part 3b	Pressure Drop Monitoring P/Q	Once every six months	Y	Y	Continuous
BAAQMD Condition # 24621								
Part 2	Perform Source Test at least once every five years (Regulation 6-1)	OPACITY Ringelmann 1.0 for < 3 min/hr FILTERABLE PARTICULATE 0.15 gr/dscf & $4.10P^{0.67}$ lb/hr where P is process weight,		Source Test P/once every 5 yrs	Once every 5 yrs	Y	Y	Continuous

1. S-123 and S-132 were not in operation during the reporting period.

Link: Table of Contents

Table IV & Table VII- P
Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-162 Clinker Silo (5-S-11) abated by A-162 Dust Collector
S-163 Clinker Silo (5-S-12) abated by A-163 Dust Collector

Applicable Requirement	Regulation Title or Description of Requirement	Limit	Monitoring Citation	Monitoring & Frequency	Reporting	R	FE	Compliance Status[1] (Continuous/ Intermittent)
BAAQMD Regulation 6, Rule 1	**Particulate Matter (12/05/07)**							
6-1-301	Ringelmann Number 1 Limitation	OPACITY Ringelmann 1.0 for < 3 min/hr	BAAQMD CAM condition #24781, Part 1	Visual Inspection (M22) P/M	Once every six months	Y	N	Continuous
6-1-301	Ringelmann Number 1 Limitation	OPACITY Ringelmann 1.0 for < 3 min/hr	BAAQMD CAM condition #24781, Part 1	Visual Inspection (M22) P/M	Once every six months	Y	N	Continuous
6-1-310	Particulate Weight Limitation	FILTERABLE PARTICULATE 0.15 gr/dscf	BAAQMD CAM condition #24781, Part 5	Pressure Drop Monitoring P/M	Once every six months	Y	N	Continuous
6-1-311	General Operations	FILTERABLE PARTICULATE $4.10P^{0.67}$ lb/hr. where P is process weight, ton/hr	BAAQMD CAM condition #24781, Part 10 BAAQMD condition # 24621, Part 2	Source Test P/once every 5 yrs	Once every 5 yrs	Y	N	Continuous
SIP Regulation 6	**Particulate Matter and Visible Emissions (09/04/98)**							
6-301	Ringelmann Number 1 Limitation	OPACITY Ringelmann 1.0 for < 3 min/hr	BAAQMD CAM condition #24781, Part 1	Visual Inspection (M22) P/M	Once every six months	Y	Y	Continuous
6-301	Ringelmann Number 1 Limitation	OPACITY Ringelmann 1.0 for < 3 min/hr	BAAQMD CAM condition #24781, Part 1	Visual Inspection (M22) P/M	Once every six months	Y	Y	Continuous
6-310	Particulate Weight Limitation	FILTERABLE PARTICULATE 0.15 gr/dscf	BAAQMD CAM condition #24781, Part 5	Pressure Drop Monitoring P/M	Once every six months	Y	Y	Continuous
6-311	General Operations	FILTERABLE PARTICULATE $4.10P^{0.67}$ lb/hr. where P is process weight, ton/hr	BAAQMD CAM condition #24781, Part 10 BAAQMD condition # 24621, Part 2	Source Test P/once every 5 yrs	Once every 5 yrs	Y	Y	Continuous
NESHAP, 40 CFR, Part 63 Subpart LLL	**Portland Cement Manufacturing Industry (9/9/10) (Effective on 11/8/10)**							
63.1345	Opacity Limit	OPACITY 10%	63.1349(b)(2) 63.1350(f)(1)	M9 Initial M22 P/M			Y	Continuous
63.1348(a)(2)	Initial Compliance Requirements	Opacity 10%	63.1349(b)(2)	M9 Initial			Y	Continuous
63.1348(b)(1)(i)	General Requirements (Compliance by 9/9/2015)	Monitor, collect CEMs data	63.1350 & 63.1350(o)			Y	Y	Continuous
63.1348(b)(3)(i)	Continuous Compliance Requirements	Opacity 10%	63.1350(f)(1)	M22 P/M			Y	Continuous
63.1349(b)(2)	Opacity Performance Testing Requirements	Opacity M9 of appendix A-4, Part 60 (3 hours – 30 6 mins avg)		M9 Initial		Y	Y	Continuous

Table IV & Table VII- P
Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-162 Clinker Silo (5-S-11) abated by A-162 Dust Collector
S-163 Clinker Silo (5-S-12) abated by A-163 Dust Collector

Applicable Requirement	Regulation Title or Description of Requirement	Limit	Monitoring Citation	Monitoring & Frequency	Reporting	R	FE	Compliance Status[1] (Continuous/ Intermittent)
63.1349(b)(2)(i)	Opacity Performance Testing Requirements	If no individual opacity >10%, M9 can reduce to 1 hr	63.1349(c)	M9 Initial		Y	Y	Continuous
63.1349(b)(2)(ii)	Opacity Performance Testing Requirements	If no more than 3 reading of 10% for the first-hour period, M9 can reduce to 1 hr	63.1349(c)	M9 Initial		Y	Y	Continuous
63.1350(f)(1)(i)	Opacity Monitor Requirement	10-min visible test with M22 of appendix A-7		M22 P/M			Y	Continuous
63.1350(f)(1)(ii)	Opacity Monitor Requirement	If no visible observed in 6 consecutive tests, reduce M22 to semi-annual		M22 P/SA			Y	Continuous
63.1350(f)(1)(iii)	Opacity Monitor Requirement	If no visible observed during the semi-annual test, reduce M22 to annual		M22 P/A			Y	Continuous
63.1350(f)(1)(iv)	Opacity Monitor Requirement	If visible observed during any M22 tests, conduct 5 6-mins of M9 within 1 hour		M22, then M9 within 1 hr P/E			Y	Continuous
63.1350(f)(1)(vi)	Partially Enclosed or Unenclosed Opacity Monitor Requirement	M22 for at least 10 mins		M22			Y	Continuous
63.1350(f)(1)(vii)	Building Opacity Monitor Requirement	M22 for at least 10 mins		M22			Y	Continuous
63.1350(f)(3)	Corrective Actions	Within 1 hour		P/E			Y	Continuous
63.1350(m)(6)(iv)		Check pressure tap pluggage daily		P/D			Y	Continuous
63.1350(m)(6)(v)		Check gauge calibration quarterly and transducer calibration monthly		P/Q and P/M			Y	Continuous
40 CFR, Part 64	**Compliance Assurance Monitoring**							
64.3(b)(4)(iii)	Data Collection at least once per 24-hour period	CAM Plan: Pressure Drop 0.5 to 10 inches water		Pressure Drop Monitoring P/M Visual Inspection (M22) P/M	Once every six months	Y	Y	Continuous
BAAQMD Condition # 2786								
Part D	Production Rates (Basis: Regulation 2-2-212 cumulative increase)	Clinker throughput not to exceed 1.6 million tons/yr	BAAQMD condition # 11780, part E(2)	Log/Record Keeping P/D	Once every six months	Y	Y	Continuous
BAAQMD Condition # 24621								
Part 2	Perform Source Test at least once every five years (Regulation 6-1)	OPACITY Ringelmann 1.0 for < 3 min/hr FILTERABLE PARTICULATE 0.15 gr/dscf & $4.10P^{0.67}$ lb/hr where P is process weight,		Source Test P/once every 5 yrs	Once every 5 yrs	Y	Y	Continuous

Table IV & Table VII- P
Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-162 Clinker Silo (5-S-11) abated by A-162 Dust Collector
S-163 Clinker Silo (5-S-12) abated by A-163 Dust Collector

Applicable Requirement	Regulation Title or Description of Requirement	Limit	Monitoring Citation	Monitoring & Frequency	Reporting	R	FE	Compliance Status[1] (Continuous/ Intermittent)
BAAQMD Condition # 24781	CAM Condition							
Part 1	Conduct Visible Emissions (NESHAP 40 CFR Part 63 Subpart LLL)	M22 monthly		P/M			Y	Continuous
Part 5	Pressure Drop Reading (40 CFR Part 64.3(b)(4)(iii)	Monthly		P/M			Y	Continuous
Part 7	Gauges Calibration (40 CFR Part 63, Subpart LLL, 40 CFR Part 64.3(b)(3)	Quarterly		P/Q			Y	Continuous
Part 9	Abatement Device Inspection (40 CFR 64.6(c)(1)(iii)	Annually		P/A			Y	Continuous
Part 10	Source Test (Regulation 2-1-403)	Once every 5 years		P/every 5yrs		Y	Y	Continuous

1. S-162, S-163 did not operate during the reporting period.

Link: Table of Contents

Table IV & Table VII- S
Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-176 Rock Plant #1 Storage Pile [1,2]

Applicable Requirement	Regulation Title or Description of Requirement	Limit	Monitoring Citation	Monitoring & Frequency	Reporting	R	FE	Compliance Status (Continuous/ Intermittent)
BAAQMD Regulation 6, Rule 1	**Particulate Matter (8/1/18)**							
6-1-301	Ringelmann Number 1 Limitation	OPACITY Ringelmann 1.0 for < 3 min/hr		N			N	Continuous
6-1-307.1 (Effective July 1, 2019)	Prohibition of Visible Emissions Within and From Regulated Bulk Material Sites	VISIBILITY < 5 feet long, wide, or high and < 10 % opacity for more than 3 minutes in any hour or half as dark as Ringelmann 1; or Within site property line	BAAQMD 6-1-307.1	Visual Inspection (M203B)			N	Continuous
6-1-307.1 (Effective July 1, 2019)	Prohibition of Visible Emissions Within and From Regulated Bulk Material Sites	VISIBILITY < 20 % opacity for more than 3 minutes in any hour or as dark as Ringelmann 1	BAAQMD 6-1-307.2	Visual Inspection (M203B)			N	Continuous
SIP Regulation 6	**Particulate Matter and Visible Emissions (09/04/98)**							
6-301	Ringelmann Number 1 Limitation	OPACITY Ringelmann 1.0 for < 3 min/hr		N			Y	Continuous

1. The ATC for Application 29811 was issued May 15, 2020, altering S-176. The PTO for Application 29811 was issued January 4, 2023. The changes requested in Application 29811 have not been incorporated into the Title V Permit as of this submittal. As such, the conditions from the current Title V Permit and the conditions from the PTO/proposed Title V Revision have been included in this Report.

2. S-176 was not in operation during the reporting period and was permanently shut down as of May 6, 2025.

Link: Table of Contents

Table IV & Table VII- U
Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-609 Primary Crusher
S-612 Secondary Crusher

Applicable Requirement	Regulation Title or Description of Requirement	Limit	Monitoring Citation	Monitoring & Frequency	Reporting	R	FE	Compliance Status[1] (Continuous/ Intermittent)
BAAQMD Regulation 6, Rule 1	**Particulate Matter (12/05/07)**							
6-1-301	Ringelmann Number 1 Limitation	OPACITY Ringelmann 1.0 for < 3 min/hr		N			N	Continuous
SIP Regulation 6	**Particulate Matter and Visible Emissions (09/04/98)**							
6-301	Ringelmann Number 1 Limitation	OPACITY Ringelmann 1.0 for < 3 min/hr		N			Y	Continuous

1. S-609 and S-612 were not in operation during the reporting period.

Link: Table of Contents

Table IV & Table VII- CC
Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-300 Rockplant #3 Six Wet Aggregate Storage Piles abated by A-616 Water Spray System [1,2]

Applicable Requirement	Regulation Title or Description of Requirement	Limit	Monitoring Citation	Monitoring & Frequency	Reporting	R	FE	Compliance Status (Continuous/ Intermittent)
BAAQMD Regulation 6, Rule 1	**Particulate Matter (8/1/18)**							
6-1-301	Ringelmann Number 1 Limitation	OPACITY Ringelmann 1.0 for < 3 min/hr	BAAQMD condition # 7252, part 6	Log/Record Keeping P/D	Once every six months	Y	N	Continuous
6-1-301	Ringelmann Number 1 Limitation	OPACITY Ringelmann 1.0 for < 3 min/hr	BAAQMD condition #7252, part 2	Water Spray System C	Once every six months	Y	N	Continuous
6-1-307.1	Prohibition of Visible Emissions Within and From Regulated Bulk Material Sites	VISIBILITY < 5 feet long, wide, or high and < 10 % opacity for more than 3 minutes in any hour or half as dark as Ringelmann 1; or Within site property line	BAAQMD 6-1-307.1	Visual Inspection (M203B)			N	Continuous
6-1-307.1	Prohibition of Visible Emissions Within and From Regulated Bulk Material Sites	VISIBILITY < 20 % opacity for more than 3 minutes in any hour or as dark as Ringelmann 1	BAAQMD 6-1-307.2	Visual Inspection (M203B)			N	Continuous
SIP Regulation 6	**Particulate Matter and Visible Emissions (09/04/98)**							
6-301	Ringelmann Number 1 Limitation	OPACITY Ringelmann 1.0 for < 3 min/hr	BAAQMD condition # 7252, part 6	Log/Record Keeping	Once every six months	Y	Y	Continuous
6-1-301	Ringelmann Number 1 Limitation	OPACITY Ringelmann 1.0 for < 3 min/hr	BAAQMD condition #7252, part 2	Water Spray System C	Once every six months	Y	Y	Continuous
NSPS 40 CFR 60 Subpart OOO	**Standards of Performance for Nonmetallic Mineral Processing Plants (04/28/2009)**							
60.672(b)	Standard for Particulate Matter	OPACITY <10%	60.11 and 60.675	Visual Inspection (M9) Initial	Initial	N	Y	Continuous
BAAQMD Condition #7252								
Part 1	Visible Particulates requirement (Basis: BACT, Regulation 6-1- 301, Regulation 1-301)	OPACITY Ringelmann 1.0 < 3 min/hr	BAAQMD condition # 7252, part 6	Log/Record Keeping P/D	Once every six months	Y	Y	Continuous
Part 5	Throughput limitation (Basis: Regulation 2-2-212 Cumulative Increase)	Stockpiles product <1.5 million tons/yr	BAAQMD condition # 7252, part 6	Log/Record Keeping P/D	Once every six months	Y	Y	Continuous

1. The ATC for Application 29811 was issued May 15, 2020, modifying S-300 from four wet aggregate storage piles to six aggregate storage piles. The PTO for Application 29811 was issued January 4, 2023. The changes requested in Application 29811 have not been incorporated into the Title V Permit as of this submittal. As such, the conditions from the current Title V Permit and the conditions from the PTO have been included in this Report.

2. LSCC transferred ownership of S-300 to Vulcan Materials Company (Vulcan) effective April 2, 2025. Under the ownership transfer agreement, Vulcan is responsible for its Permit to Operate compliance, while LSCC will report Vulcan's compliance status for Title V purposes until the Bay Area Air District terminates LSCC's Title V permit (Application Number 714981).

Link: Table of Contents

Table IV & Table VII- QQ
Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-501 Emergency Diesel Generator
S-502 Emergency Diesel Generator

Applicable Requirement	Regulation Title or Description of Requirement	Limit	Monitoring Citation	Monitoring & Frequency	Reporting	R	FE	Compliance Status (Continuous/ Intermittent)
BAAQMD Regulation 6, Rule 1	**Particulate Matter (8/1/18)**							
6-1-303	Ringelmann Number 2 Limitation	OPACITY Ringelmann 2.0 for < 3 min/hr		N			N	Continuous
6-1-310.1	Total Suspended Particulate (TSP) Concentration Limits	TSP 0.15 gr/dscf		N			N	Continuous
6-1-310.2 (Effective July 1, 2020)	Total Suspended Particulate (TSP) Concentration Limits	Table 6-1-310.2		N			N	Continuous
6-1-311.1	Total Suspended Particulate (TSP) Weight Limits	Table 6-1-311.1		N			N	Continuous
6-1-311.2 (Effective July 1, 2020)	Total Suspended Particulate (TSP) Weight Limits	Table 6-1-311.2		N			N	Continuous
SIP Regulation 6	**Particulate Matter and Visible Emissions (09/04/98)**							
6-303	Ringelmann Number 2 Limitation	OPACITY Ringelmann 2.0 for < 3 min/hr		N			Y	Continuous
6-310	Particulate Weight Limitation	FILTERABLE PARTICULATE 0.15 gr/dscf		N			Y	Continuous
6-311	General Operations	FILTERABLE PARTICULATE $4.10P^{0.67}$ lb/hr. where P is process weight, ton/hr		N			Y	Continuous
BAAQMD Regulation 9, Rule 1	**Inorganic Gaseous Pollutants: Sulfur Dioxide (3/15/1995)**							
9-1-301	Ground Level Concentration	**SO2** < 0.5 ppm continuously for 3 consecutive minutes or 0.25 ppm averaged over 60 consecutive minutes, or 0.05 ppm averaged over 24 hours.		N			Y	Continuous
9-1-304	Fuel Burning (Liquid and Solid Fuels)	Sulfur content of liquid fuel ≤ 0.5% by weight		N			Y	Continuous
BAAQMD Regulation 9, Rule 8	**Inorganic Gaseous Pollutants: NOx and CO from Stationary Internal Combustion Engines (7/25/2007)**							
9-8-330.2	Emergency Standby Engines, Hours of Operation	Reliability-related activities limited to 100 hours per calendar year	BAAQMD Condition # 24375, part 1	Log/Record Keeping P/D	Once every six months	Y	N	Continuous
9-8-330.3	Emergency Standby Engines, Hours of Operation	Reliability-related activities limited to 50 hours per calendar year	BAAQMD Condition # 24375, part 1	Log/Record Keeping P/D	Once every six months	Y	N	Continuous
BAAQMD Condition # 24375								
Part 1	20 hours of reliability related testing and unlimited hours of emergency standby power [Basis: "Stationary Diesel Engine ATCM" CA Code of Regulations, Title 17, section 93115.6(b)(3)(A)(1)(a)]	20 hours/year	BAAQMD Condition # 24375, Part 4	Log/Record keeping P/D	As needed	Y	Y	Continuous

Link: Table of Contents

Table IV & Table VII- SS
Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-600 Quarry Blasting and Mobile Operations

Applicable Requirement	Regulation Title or Description of Requirement	Limit	Monitoring Citation	Monitoring & Frequency	Reporting	R	FE	Compliance Status[1] (Continuous/ Intermittent)
BAAQMD Regulation 1	**General Provisions and Definitions (7/19/2006)**							
1-301	Public Nuisance	The owner/operator of S-600 shall not emit emissions in sufficient quantities as to cause a public nuisance under Regulation 1-301	BAAQMD condition #21025, part 1	N			N	Continuous
BAAQMD Regulation 6, Rule 1	**Particulate Matter (12/05/07)**							
6-1-301	Ringelmann Number 1 Limitation	OPACITY Ringelmann 1.0 for < 3 min/hr	BAAQMD condition #21025, part 2	N			N	Continuous
SIP Regulation 6	**Particulate Matter and Visible Emissions (09/04/98)**							
6-301	Ringelmann Number 1 Limitation	OPACITY Ringelmann 1.0 for < 3 min/hr		N			Y	Continuous
BAAQMD Condition # 21025								
Part 1	Public Nuisance (Basis: Regulation 1-301)	The owner/operator of S-600 shall not emit emissions in sufficient quantities as to cause a public nuisance under Regulation 1-301	BAAQMD condition #21025, part 1	N			Y	Continuous
Part 2	Ringelmann No. 1 Limitation (Basis: Regulation 6-301)	OPACITY Ringelmann 1.0 for < 3 min/hr		N			Y	Continuous
Part 3	Recordkeeping (Basis: Regulation 2-2-212 Cumulative Increase)	Total explosives	BAAQMD 2-2-212	P/M	N	Y	Y	Continuous

1. S-600 was not in operation during the reporting period.

Link: Table of Contents

Table IV & Table VII- TT
Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-608 Hopper/Grizzly Feeder abated by A-608 Water Suppression Spray
S-610 Conveyor System (BC-1, BC-2, BC-3) abated by A-610, A-611, A-612 Dust Collectors
S-611 Vibrating Grizzly abated by A-610 Dust Collector

Applicable Requirement	Regulation Title or Description of Requirement	Limit	Monitoring Citation	Monitoring & Frequency	Reporting	R	FE	Compliance Status[1] (Continuous/ Intermittent)
BAAQMD Regulation 6, Rule 1	**Particulate Matter (8/1/18)**							
6-1-301	Ringelmann Number 1 Limitation	OPACITY Ringelmann 1.0 for < 3 min/hr		N			N	Continuous
SIP Regulation 6	**Particulate Matter and Visible Emissions (09/04/98)**							
6-301	Ringelmann Number 1 Limitation	OPACITY Ringelmann 1.0 for < 3 min/hr		N			Y	Continuous
NSPS 40 CFR 60 Subpart OOO	**Standards of Performance for Nonmetallic Mineral Processing Plants (04/28/2009)**							
60.672(b)	Standard for Particulate Matter	PM10 0.014 gr/dscf	60.8 and 60.675	Test Method (M5 or M17) Initial	Initial	N	Y	Continuous
BAAQMD Condition #25380								
Part 2	Shall equipped Dust Collector with pressure drop device	Check plugging		P/every 3 months			Y	Continuous
Part 3	Ensure Proper Operation	Pressure drop between 2-6 inches H2O		P/Q			Y	Continuous

1. S-608, S-610, and S-611 were not in operation during the reporting period.

Link: Table of Contents

Table IV & Table VII- UU
Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-606 Storage Piles (Area 1) abated by A-606 Water Spray (mobile water truck)
S-607 Storage Piles (Area 2) abated by A-607 Water Spray (mobile water truck)

Applicable Requirement	Regulation Title or Description of Requirement	Limit	Monitoring Citation	Monitoring & Frequency	Reporting	R	FE	Compliance Status (Continuous/ Intermittent)
BAAQMD Regulation 6, Rule 1	**Particulate Matter (12/05/07)**							
6-1-301	Ringelmann Number 1 Limitation	OPACITY Ringelmann 1.0 for < 3 min/hr		N			N	Continuous
SIP Regulation 6	**Particulate Matter and Visible Emissions (09/04/98)**							
6-301	Ringelmann Number 1 Limitation	OPACITY Ringelmann 1.0 for < 3 min/hr		N			Y	Continuous
NSPS 40 CFR 60 Subpart OOO	**Standards of Performance for Nonmetallic Mineral Processing Plants (04/28/2009)**							
60.672(b)	Standard for Particulate Matter	OPACITY <10%	60.11 and 60.675	Visual Inspection (M9) Initial	Initial	N	Y	Continuous
BAAQMD Condition # 24274								
Part 1	Throughput Limit (Basis: Cumulative Increase)	S-606: 198,400 short tons/yr coal, 171,034 short tons/yr coke, 60,000 short tons/yr Bauxite, 50,000 short tons/yr Iron Ore S-607: 20,000 short tons/yr 1" aggregate, 200,000 short tons/yr ¼" aggregate, 20,000 short tons/yr slag	BAAQMD condition #24274 Part 4	Log/Record Keeping P/M	Annual	Y	Y	Continuous
Part 2	Opacity Limit (Basis: Regulation 6-1-301)	Ringelmann 1.0 for < 3 min/hr		N			Y	Continuous
Part 3	Abatement with water sprays (Basis: Cumulative Increase)	Water spray enough to maintain compliance with Ringelmann 1.0		N			Y	Continuous
Part 4	Recordkeeping (Basis: Cumulative Increase)			Log/Record Keeping P/M	Annual	Y	Y	Continuous

Link: Table of Contents

Table IV & Table VII- VV
Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements [1,2]
S-616 Portable Jaw Crusher abated by A-616 Water Spray
S-617 Portable Cone Crusher abated by A-616 Water Spray
S-618 Portable Rock Plant Conveyors abated by A-616 Water Spray
S-619 Portable Screen Plant #1 abated by A-616 Water Spray
S-620 Portable Screen Plant #2 abated by A-616 Water Spray
S-621 Portable Screen Plant #3 abated by A-616 Water Spray

Applicable Requirement	Regulation Title or Description of Requirement	Limit	Monitoring Citation	Monitoring & Frequency	Reporting	R	FE	Compliance Status (Continuous/ Intermittent)
BAAQMD Regulation 6, Rule 1	**Particulate Matter (8/1/18)**							
60.672(b) and (d)	Standard for Particulate Matter	All listed equipment except S-616 and S-617 < 7% opacity S-616 and S-617 < 12% opacity Truck dumping exempted	60.11 and 60.675	Monthly 60.674(b)	Initial	Y	Y	Continuous
BAAQMD Condition # 27213								
Part 1	Throughput Limit (Basis Cumulative Increase)	Overburden Coarse Rock 500,000 tons in any 12 months	Condition # 27213, Part 8	Monthly		Y	Y	Continuous
Part 2	Opacity Limit (Basis: Regulation 6-1-301)	OPACITY Ringelmann 1.0 for < 3 min/hr or equivalent to 20% opacity	Condition # 27213, Part 6		Initial		Y	Continuous
Part 3	Opacity Limit (Basis: 40 CFR §60.672(b), §60.672(d), Table 3)	S-616 and S-617 <12% opacity except for truck dumping into S-616	Condition # 27213, Part 6		Initial		Y	Continuous
Part 4	Opacity Limit (Basis: 40 CFR §60.672(b), Table 3)	S-618, S-619, S-620 and S-621 <7% opacity	Condition # 27213, Part 6		Initial		Y	Continuous
Part 5	Water Spray (Basis: Regulation 2-2-208 Cumulative Increase, Regulation 2-1-403)	Water Spray Control	Condition # 27213, Part 6		Initial		Y	Continuous
Part 6	Intimal Compliance Test (Basis: 40 CFR §60.675(a)	Initial Compliance Test	Method 9		Within 30 days of test		Y	Continuous
Part 7	Monthly Inspections (Basis: 40 CFR §60.674(b))	Perform monthly periodic inspections of A-616 Water Spray Dust Suppression System		Monthly		Y	Y	Continuous
Part 8	Recordkeeping (Basis: Cumulative Increase, 40 CFR §60.676(b)	Maintain log of throughput, monthly inspections, corrective actions	§60.676(b)	Monthly		Y	Y	Continuous
Part 9	Prohibit Simultaneous Operation (Basis: Cumulative Increase)	Shall not operate portable rock plant concurrently with Rock Plant #3					Y	Continuous
Part 10	Throughput Limit (Basis: Cumulative Increase)	Combined Rock Plant #3 and Portable Rock Plant throughput < 1,500,000 tons/12 months Overburden coarse rock	Condition # 27213, Part 8	Monthly		Y	Y	Continuous
Part 11	Throughput Limit (Basis: Cumulative Increase)	Combined Rock Plant #3 S-390 and Portable Rock Plant throughput < 2,500,000 tons/12 months Overburden Coarse, Sub-Base, and Class 2 Rock	Condition # 27213, Part 8	Monthly		Y	Y	Continuous

1. The ATC for Application 29811, including S-616 through S-617 was issued May 15, 2020. Construction of the portable aggregate plant commenced in January 2021 and clearance to operate the plant was received from Santa Clara County on June 2, 2021. Operation of the portable aggregate plant commenced on June 4, 2021. The PTO for Application 29811 was issued January 4, 2023. The revised conditions in Application 29811 PTO have not been incorporated into the Title V Permit as of this submittal. As such, the conditions from the current Title V Permit and the conditions from the PTO have been included in this Report.

2. LSCC transferred ownership of S-616, S-617, S-618, S-619, S-620, and S-621 to Vulcan Materials Company (Vulcan) effective April 2, 2025. Under the ownership transfer agreement, Vulcan is responsible for its Permit to Operate compliance, while LSCC will report Vulcan's compliance status for Title V purposes until the Bay Area Air District terminates LSCC's Title V permit (Application Number 714981).

Link: Table of Contents

Permanently Shut Down Sources [1]

Source ID	Source Description	Title V Requirements Tables
S-17	Clinker Transfer Area	Table IV & Table VII- B
S-19	Clinker Storage Area	Table IV & Table VII- C
S-21	Roll Press Clinker Surge Bin & Feeder	Table IV & Table VII- D
S-45	West Silo Top Distribution Tower	Table IV & Table VII- E
S-46	Middle Silo Top Cement Distribution Tower	Table IV & Table VII- E
S-47	East Silo Top Cement Distribution Tower	Table IV & Table VII- E
S-48	Bulk Cement Loadout Tank #1 and #2	Table IV & Table VII- F
S-49	Bulk Cement Loadout Tank #28	Table IV & Table VII- F
S-50	Bulk Cement Tank Loadout #29	Table IV & Table VII- F
S-54	Cement Packer #1	Table IV & Table VII- F
S-55	Cement Packer #2	Table IV & Table VII- F
S-74	Type II Mechanical Transfer System	Table IV & Table VII- G
S-100	Precalciner Kiln Fuel Handling System	Table IV & Table VII- H
S-112	Additive Hopper Transfer System	Table IV & Table VII- I
S-113	Additive Bin Transfer Facilities	Table IV & Table VII- I
S-115	Additive Storage Tripper	Table IV & Table VII- I
S-131	Rock Sampling System	Table IV & Table VII- K
S-134	Preblend Storage Bin (4-S-1-2)	Table IV & Table VII- L
S-135	High Grade Storage Bin (4-S-3-4)	Table IV & Table VII- L
S-141	Raw Mill 1 (4-GM-1)	Table IV & Table VII- N
S-142	Raw Mill 2 (4-GM-2)	Table IV & Table VII- N
S-143	Raw Mill 1 Separator System (4-SE-3)	Table IV & Table VII- N
S-144	Raw Mill 2 Separator Circuit (4-SE-4)	Table IV & Table VII- N
S-151	Homogenizer (5-S-1-2)	Table IV & Table VII- M
S-153	Kiln Feed System	Table IV & Table VII- M
S-154	Precalciner Kiln	Table IV & Table VII- N
S-161	Clinker Cooler (5-CC-1)	Table IV & Table VII- O
S-164	Freelime Storage Bin	Table IV & Table VII- P
S-165	Clinker Transfer System	Table IV & Table VII- P
S-167	Lime Bin	Table IV & Table VII- Q
S-168	Activated Carbon Storage Silo	Table IV & Table VII- R
S-169	Activated Carbon Feed Bin	Table IV & Table VII- R
S-171	Kiln Fuel Mill System	Table IV & Table VII- N
S-172	Precalciner Fuel Mill System	Table IV & Table VII- N
S-187	Hopper and Storage Bin, Sand 100 Ton Capacity	Table IV & Table VII- T
S-210	FM 6-GM-1	Table IV & Table VII- V
S-211	FM 6-GM-2 Separator	Table IV & Table VII- W
S-216	6-GM-1 Cake Conveyor (6-BC-13)	Table IV & Table VII- X
S-217	6-GM-1 Cake Conveyor (6-BC-15)	Table IV & Table VII- X
S-218	6-GM-1 Air Separator	Table IV & Table VII- Y
S-220	Finish Mill (6-GM-2)	Table IV & Table VII- Z
S-221	6-GM-2 Cake Feeder (6-WF-2)	Table IV & Table VII- X
S-222	6-GM-2 Gypsum Feeder (6-WF-4)	Table IV & Table VII- AA
S-223	6-GM-2 Synthetic Gypsum Feeder (6-WF-12)	Table IV & Table VII- X, Table IV & Table VII- AA
S-230	6-RP-1 Roller Press & Peripherals	Table IV & Table VII- BB
S-231	Pressed Cake Bin (6-SS-2)	Table IV & Table VII- X
S-240	Additive Conveyor/Bins	Table IV & Table VII- AA
S-242	6-GM-1 Cake Feeder (6-WF-3)	Table IV & Table VII- X
S-243	6-GM-1 Gypsum Feeder (6-WF-9)	Table IV & Table VII- AA
S-244	6-GM-1 Pozzolan Feeder (6-WF-7)	Table IV & Table VII- AA
S-245	6-GM-1 Clay Feeder (6-WF-5)	Table IV & Table VII- AA
S-246	6-GM-1 Synthetic Gypsum Feeder (6-WF-11)	Table IV & Table VII- AA

Permanently Shut Down Sources [1]

Source ID	Source Description	Title V Requirements Tables
S-301	Rail Loadout System	Table IV & Table VII- DD
S-340	Coarse Rock Withdrawal System	Table IV & Table VII- EE
S-341	Pre-Crushing Screens	Table IV & Table VII- EE
S-342	Coarse Rock Crushing System 2	Table IV & Table VII- GG
S-343	Crushed Rock Returns Conveyor	Table IV & Table VII- EE
S-344	Wet Screening Feed Conveyor	Table IV & Table VII- HH
S-350	Wet Screening & Conveyor	Table IV & Table VII- II
S-360	Wet Aggregate Loadout system	Table IV & Table VII- JJ
S-370	Class 2 aggregate Additive Trans	Table IV & Table VII- LL
S-380	Sand Transfer Class 2 Hopper	Table IV & Table VII- KK
S-381	Sand Storage pile	Table IV & Table VII- KK
S-382	Water Clarifiers Fines Shipment	Table IV & Table VII- KK
S-383	Rock Plant 2 Conveyors	Table IV & Table VII- MM
S-384	RP 2 Screens - 16 & 17	Table IV & Table VII- MM
S-390	Conveyor Belt 15-M	Table IV & Table VII- FF
S-412	Finish Mill 6-GM-3	Table IV & Table VII- NN
S-414	Kiln Dust Additive Bin	Table IV & Table VII- OO
S-444	Emergency Clinker Conveyor & Water Spray	Table IV & Table VII- PP
S-505	Portable Pump - Guzzler (731-069)	Table IV & Table VII- RR
S-613	Storage Bin for Lime, Soda Ash, Sodium Bicarbonate	Table IV & Table VII- Q
S-614	Bulk Cement Loadout Tank #2	Table IV & Table VII- F

1. The listed sources have been permanently shut down for the entirety of the reporting period.

Link: Table of Contents