ARCOSA Lightweight

17410 East Lockwood Valley Road • Frazier Park, California • 93225 • 661.245.3736

May 16, 2023

Mr. Ed Swede
Ventura County Air Pollution Control District
669 County Square Drive
Ventura, California 93003

RE: 2022 -2023 – Annual Compliance Certification Report
Arcosa LWFP dba Arcosa Lightweight Frazier Park
Permit No. 00036

Dear Mr. Swede:

Arcosa LWFP, LLC – Frazier Park at 17410 East Lockwood Valley Road, Frazier Park, California 93225 is submitting the Title V annual compliance certification (ACC) report for the reporting period from April 1, 2022 through March 31, 2023.

If you have any questions or require further information, please do not hesitate to contact Dainae Prejean, the Environmental Manager at 945-230-1655 or dainae.prejean@arcosa.com.

Arcosa LWFP, LLC

Sincerely,

Frank Parra

Plant Manager

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION SIGNATURE COVER FORM

TV Permit # 00036

A copy of each Annual Compliance Certification shall be submitted to EPA, Region 9, at the following address:

Ms. Roshni Brahmbhatt
Enforcement & Compliance Enforcement Division
EPA Region 9
75 Hawthorne Street
San Francisco, CA 94105

Confidentiality

All information in a Part 70 permit compliance certification is public information. The Part 70 permit is also public information.

Certification by Responsible Official

I certify that, based on information and belief formed after reasonable inquiry, the statements and information in this compliance certification are true, accurate, and complete.

Signature and Title of Responsible Official:	Date:
Frank Perez Title: Plant Manager	05-05-2023

Time Period Covered by Compliance Certification

04 / 01 / 2022 (MM/DD/YY) to 03 / 31 / 2023 (MM/DD/YY)

Ventura County
Air Pollution
Control District

RESPONSIBLE OFFICIAL'S CERTIFICATION FORM

Ventura County APCD Rule 33.9 requires that "*any document, including reports, schedule of compliance progress reports and compliance certifications, required by a Part 70 permit shall be certified by a responsible official.*" Therefore, this form shall be signed by the company's Responsible Official and submitted with all such reports, including, but not limited to semi-annual reports, deviation and emergency reports and any periodic reports required by a Part 70 permit. However, when submitting your Annual Compliance Certifications, please use the form titled Annual Compliance Certification Signature Cover Form.

Semi-annual reports, deviations and emergency reports and any periodic reports required by your Part 70 permit should be submitted to:

Ed Swede
Air Quality Engineer
Ventura County Air Pollution Control District
4567 Telephone Road, Second Floor
Ventura, CA 93003

Certification by Responsible Official

I certify that, based on information and belief formed after reasonable inquiry, the statements and information in this document is true, accurate, and complete.

Signature of Responsible Official: Sign Here *Please use the Adobe Fill & Sign option to sign (click the 'Sign Here' flag to link to additional instructions)*	Date: 05-05-2023
Title of Responsible Official: Plant Manager	
Facility ID: 00036	

Arcosa LWFP, LLC

PO0036PC4 Condition 2

Summary of Stand-By Feeder Usage

April 1, 2022 – March 31, 2023

Month	Syntron Feed Hours (Primary Feed)	Stand-by Feed Hours (Secondary Feed)
April	683.0	34.1
May	724.6	136.2
June	720.6	0.0
July	719.0	110.0
August	672.0	0.0
September	696.0	0.0
Total	**4,215.1**	**280.4**
October	720.8	199.0
November	700.0	196.5
December	694.0	192.7
January	743.2	205.0
February	1648..29	437.5
March	911.9	251.9
Total	**3,769.8**	**1,482.6**
	5,252.4	

The Syntrons and Stand-by Feeder are innerlocked so only one system can run at a time.

Certification by Responsible Official

I certify that based on the belief formed after reasonable inquiry, the statements and information for this permit condition are true, accurate, and complete.

Frank Parra, Plant Manager

5/16/2023

DATE

Ventura County
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ANNUAL COMPLIANCE CERTIFICATION
PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 22 (MM/DD/YY) to 03 / 31 / 23 (MM/DD/YY)

A. Attachment # or Permit Condition #: PO00036PC2 - Condition #7	D. Frequency of monitoring: Annual RATA - see attached Source Test Form
B. Description: Annual RATA Testing for CEMS.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable ARB Method 100 and ARB Method 2
C. Method of monitoring: - Annual Realative Accuracy Testing of CO and NOx CEMS using ARB Method 100 for NOx and CO and Stack Oxygen. ARB Method 2 for exhaust flow.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: PO00036PC3 - Condition #1	D. Frequency of monitoring: Production records Attached in Appendix A
B. Description: Production limit parameters and particulate matter emission limits for Kilns #3 and #4	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: - Daily, monthly and 12 month rolling average records of lightweight aggregate	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: PO00036PC3 - Condition #2	D. Frequency of monitoring: Annual - see attached Source test Form
B. Description: Particulate matter emission limits for Kiln #3 and #4	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable CARB Method 5
C. Method of monitoring: - Particulate emissions are limited to 0.2748 lbs/hr of lightweight aggreged process for each Kiln #3 and #4. Testing by CARB Method 5 to be done once every 12 months.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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Period Covered by Compliance Certification: 04 / 01 / 22 (MM/DD/YY) to 03 / 31 / 23 (MM/DD/YY)

A. Attachment # or Permit Condition #: Attachment 50 -Rule 50 - Opacity - Condition #1	D. Frequency of monitoring: ACC and per requirement shownbelow in Conditions #2,#3, and #4
B. Description: General Applicable Requirements No discharge from any single source air contaminats for period aggregating more than 3 minutes that are darker in shade than Ringelmann Chart - #1 a published by US Bureau of Mines, unless by Rule 50.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: - Routine, periodic surveillance and visual inspections with details per Conditions #2, #3 and #4. - ACC	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): I H. *Excursions, exceedances, or other non-compliance? (Y or N): Y *If yes, attach Deviation Summary Form 1 of 3

A. Attachment # or Permit Condition #: Attachment 50- Rule 50 -Opacity -Condition #2	D. Frequency of monitoring: ACC and periodic routine surveys and inspections.
B. Description: General Applicable Requirement Periodic survey and visual inspections. A record shall be kept of visable emissions other than uncombined water greater than 0% for periods agregating more than 3 minutes in any one hour. Records shall include the date, time and identity of emissions unit . If visible emission problem cannot be corrected within 24 hours, permittee shall provide verbal notification to the District within the subsquent 24 hours.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: - Periodic surveys and visible inspection. - Records maintained and submitted to the District upon request. - ACC	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: Attachment 50 -Rule 50 - Opacity - Condition #3	D. Frequency of monitoring: Visible Emissions in Appendix E
B. Description: General Applicable Requirements On a quarterly basis, verify all emission units are complying with Rule 50.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Opacity via EPA Method 9
C. Method of monitoring: - Submit quarterly compliance verifications with ACC and shall include a formal survey identifying the date, time, emision unit and verification that there are no visible emission other than combined water greater than 0% or an alternative. The quarterly verifications shall include a formal survey identifying the date, time, emission unit and verification that there are no visible emissions for a perios aggregating 3 minutes in any 1 hour equalivalent to 20% opacity and greater as determined by a person certifed to read EPA Method 9 or other approved method.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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A. Attachment # or Permit Condition #: Attachment 50 - Rule 50 -Condition #4	D. Frequency of monitoring: ACC and per FDRP
B. Description: General Applicable Requirements Maintain and implement a Fugitive Dust Reduction Plan (FDRP), The FDRP shall include: the use of dust suppressant or chemical stabilizer, use of paved area and rumble gates or gravel pads to minimize track-out and use of posted speed limits on unpaved haul roads.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: - ACC - Records and reports shall be maintained at the facility (and submitted to the District upon Request). - Monitoring, recordkeeping and report required by FDRP. Fugitive Dust Plan was prepared June 6, 2006. Records are maintained for application of water and routine plant surveillance.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: Attachment 54.B.1-36 - Rule 54.B.1	D. Frequency of monitoring: ACC
B. Description: General Applicable Requirements Per Rule 54, for units excluding Klins #3 and #4, that combust gas or liquid fuels. No discharges of sulfur compounds (that are liquid or gas at the standard conditions in excess) of 300 ppm by volume from any combustion operation.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Upon District request, Source Test per EPA Methods: 6, 6A, 6C, 8, 15 & 16 A & B, as applicable.
C. Method of monitoring: - ACC - O2 Monitoring requirement is to be installed under Rule 54.B.1, installed by September 2014. So that sulfur dioxide concentrations can be reported on a dry basis, corrected to 15%. - Exhaust gas oxygen content.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: Attachment 54.B.2 - Sulfur Compounds	D. Frequency of monitoring: ACC
B. Description: Ganeral Applicable Requirements Rule 54.B.2-36 - Sulfur compounds from combustion units excluding Klins #3 and #4. Sulfur compounds that are gas or liquid at standard condition shall show no results in average ground or sea level concentrations at or beyond the property line in excess of 0.25 ppmv averaged over a 1 hour period or 0.04 ppmv averaged over any 24 hour period. Upon district request, determine ground or sea level concentrations of SO2.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Upon District request, Source Test per EPA Methods: 6, 6A, 6C, 8, 15 & 16 A & B, as applicable
C. Method of monitoring: - ACC - This facility is not required to maintain fuel or exhaust analysis to demonstrate compliance with Rule 54.B.2, because there are no additional procees combustion emission units and Kilns #3 and #4 are excluded.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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A. Attachment # or Permit Condition #: PO00036PC3 - Condition #3	D. Frequency of monitoring: Recordkeeping
B. Description: Particulate and opacity emission limits for Kilns #3 and #4. Monitoring and recordkeeping requirements are contained in condition 5, specifically 5.b.3. (Rule 26)	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: - Kilns are to have baghouses installed and no visible emmissions from Kiln: hoods, seals and exhaust ducts (upstream of the baghouses). Records are to be kept on-site per other conditionsof permit.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): I H. *Excursions, exceedances, or other non-compliance? (Y or N): Y *If yes, attach Deviation Summary Form 1 of 2

A. Attachment # or Permit Condition #: PO00036PC3 - Condition #4	D. Frequency of monitoring: Baghouse Leak detector montored during affected source operating hours
B. Description: -Opacity limits for Kilns #3 and #4	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable EPA Method 9 and Method 22
C. Method of monitoring: - Permittee shall not discharge into the atmosphere more than 3 minutes in one hour darker than Ringelman #1 or 20% opacity. - The baghouse is equipped with CPM 750 baghouse leak detector with alarm indicator when the alarm indicates a leak, the Kiln operator will do a visible inspection for dust. (EPA Method 9 and EPA Method 22)	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): I H. *Excursions, exceedances, or other non-compliance? (Y or N): Y *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: PO00036PC3 - Condition #5	D. Frequency of monitoring: Daily, monthly and quarterly logs
B. Description: Kilns #3 and #4 baghouse inspection observations and recordkeeping	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: - Daily, weekly and quarterly baghouse inspection logs.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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Period Covered by Compliance Certification: 04 / 01 / 22 (MM/DD/YY) to 03 / 31 / 23 (MM/DD/YY)

A. Attachment # or Permit Condition #: PO00036PC3 - Condition #6	D. Frequency of monitoring: Annual - Stack Test per Condition #2
B. Description: Particulate Matter per VCAPCD Rules 52 and 53 for Kilns #3 and #4	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: - Annual Stack Testing CARB Method 5. Permit PO00036PC3 Condition #2 is deemed more stringent then Rules 52 and 53 so monitoring requirements for this rule meets this requirement (as stated by PO00036PC3 Condition #7).	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: PO00036PC3 - Condition #7	D. Frequency of monitoring: Annual - see attached Source Test Form
B. Description: Particulate Matter limits per VCAPCD Rules 52and 53 for Kiln #3 and #4. Compliance Evaluation Condition. Stating with Permit PO00036PC3 - Condition #2 is more stringent than Rules 52 and 53, so than Condition #2 shall be used for Rules 52 and 53.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable CARB Method 5
C. Method of monitoring: - Annual Stack Testing CARB Method 5 per Permit PO00036PC3 - Condition #2	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: PO00036PC3 - Condition #8	D. Frequency of monitoring: Annual - see attached Source Test Form
B. Description: Particulate Matter emissioin limits and recordkeeping for CAM for Kiln #3 and #4.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable CARB Method 5
C. Method of monitoring: - Recordkeeping logs for daily inspections, baghouse pressure drop and baghouse temperatures. Installation of baghouse leak detector with semi-annual inspections. Annual CARB Method 5 testing and as needed EPA Method 9.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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Period Covered by Compliance Certification: 04 / 01 / 22 (MM/DD/YY) to 03 / 31 / 23 (MM/DD/YY)

A. Attachment # or Permit Condition #: PO00036PC3 - Condition#9	D. Frequency of monitoring: Monthly Report to VCAPCD
B. Description: Monthly report submittal of clay processed, baghouse tempertures and Leak Detection System.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: - Monthly Report to VCAPCD	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: PO00036PC4	D. Frequency of monitoring: Recordkeeping and ACC
B. Description: Rule 26 - Standby Feed System The standby raw materials feed system shall not be operated simultaneously with the primary raw plant material feed system.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: - Recordkeeping demonstrating compliance. A control system interlock has been installed to pervent simultaneous operations of these two systems. - Compliance Statement: In reporting period the standby raw materials feed system was not operated simultaneously with the primary raw materials feed system.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: PO00036PC5 - Condition #1, 5, & 6	D. Frequency of monitoring: Recordkeeping
B. Description: Rule 26 - Extrusion Process using Diesel #2 or Bio-diesel only.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: - Recordkeeping	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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A. Attachment # or Permit Condition #: PO00036PC5 - Condition #2, 5, & 6	D. Frequency of monitoring: Recordkeeping
B. Description: Rule 26 - Extrusion Process using Diesel #2 or Bio-diesel annual use 150,000 gallons/year.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: - Recordkeeping	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: PO00036PC5 - Condition #3, 5 & 6	D. Frequency of monitoring: Recordkeeping and VCAPCD Monthly Report
B. Description: Rule 26 - Extrusion Process using Diesel #2 used as an additive and Bio-diesel and shall be summed for the previious 12 calendar months.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: - Recordkeeping - VCACPD Monthly Report	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: PO00036PC5 -Condition #4, 5 & 6	D. Frequency of monitoring: - Monthly Report to VCAPCD
B. Description: Extrusion Process using Diesel #2 or Bio-diesel reporting to VCAPCD monthly of deliveries, amount and supplier.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: - Monthly Report to VCAPCD	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

Ventura County Air Pollution Control District

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Period Covered by Compliance Certification: 04 / 01 / 22 (MM/DD/YY) to 03 / 31 / 23 (MM/DD/YY)

A. Attachment # or Permit Condition #: Attachment 64.B.1 Sulfur content gaseuos fuels	D. Frequency of monitoring: ACC
B. Description: General Applicable Requirements Rule 64.B.1 - Sulfur Content of Fuels No fuel shall burn fuel containing sulfur compounds in excess of 50 grains per 100 cubic feet of gaseous fuel (788 ppmv). If only PUC regulated natural gas, propane or butane is combusted, it will be assumed that the permittee is complying with Rule 64. Records of annual and quarterly testing if gas is other than PUC - quality gas, propane or butane.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable SCAQMD 307-94, ASTM D1072-90, ASTM D4180-88 or ASTM 4084 (If applicable)
C. Method of monitoring: - ACC - No testing required if gas is PUC quality and only PUC regulated Natural Gas purchases (bills) are maintained.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: Attachment 64.B.2 - Sulfur Content Liquid Fuels	D. Frequency of monitoring: ACC
B. Description: General Applicable Requirements Rule 64.B.2 Sulfur Content of Fuel - Liquid Fuel Requirements No burning of liquid fuels with sulfur in excess of 5% by weight. If only ARB - quality reformulated gasoline or ARB - certified diesel fuel is being combusted at the facility, it will be assumed the the permitted is complying with Rule 64 without additional periodic monitoring requirements. But records must be maintained to substantiate the use of these.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: - ACC - Facility only uses ARB - certified liquid fuels and maintains records of the fuels - If other than ARB reformulated gasoline of ARB certified diesel fuels is being combusted, the permitted shall obtain the fuel suppliers certification or shall test the sulfur content of the fuel and the fuel suppliers certification or fuel test per each delivery shall be submitted with the ACC.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: Attachment 74.6	D. Frequency of monitoring: ACC
B. Description: General Applicable Requirements Rule 74.6 Solvent cleaning and degreasing Maintain current solvent information Routine survillance of solvent cleaning activities. Upon request, solvent testing. If applicable, measurement of freeboard height and drain hole area for cold cleaners.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: - ACC - The facility uses Non-ROC and aerosol solvents except per Condition #11. Only surface cleaners with non-reactive organic compounds are used (citrus oil based products) . The facility shall maintain records showing the solvents used.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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Period Covered by Compliance Certification: 04 / 01 / 22 (MM/DD/YY) to 03 / 31 / 23 (MM/DD/YY)

A. Attachment # or Permit Condition #: PO00036PC2 - Condition #1	D. Frequency of monitoring: Consumption data and calculations attached in Appendix B
B. Description: Rule 26 Annual Natural Gas consumption limits for Kilns #3 and #4	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: - Daily and monthly records of natural gas consumption - Twelve month rolling records of natural gas consumption - ACC including natural gas consumption	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: PO00036PC2 - Condition #2	D. Frequency of monitoring: ACC - see attached Source Test Form
B. Description: Rules 26, 68 and 103 NOx and CO emission limits for Kilns #3 and #4	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable CARB Method 100
C. Method of monitoring: - ACC - Once every 12 months NOx, CO andO2 monitored ARB Method 100. Exhaust flow monitored ARB Method 2 - Hourly emissions of NOx are limited to 6.9 and 5.6 lbs/hr for Kilns 3 and 4 respectively. - Hourly emissions of CO are limited to 2000 PPM for Kiln 3 and 4	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: PO00036PC2 - Condiion #3	D. Frequency of monitoring: Annual - see attachedSource Test Form and Appendix G CEMS Log
B. Description: Rules 103 NOx annd CO CEMS for Kiln #3 and #4. Per 40 CFR Part 51, Appendix P, Sections 3.0 to 3.9.5.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Annual RATA
C. Method of monitoring: - ACC - CEMS installed for NOx nad CO - Relative Accuracy (RA) for CEMS every 12 Months and NOx, CO and O2 monitored ARB 100. Exhaust flow monitored ARB Method 2. -Monthly reports have been submitted, summary attached.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

Ventura County Air Pollution Control District

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Period Covered by Compliance Certification: 04 / 01 / 22 (MM/DD/YY) to 03 / 31 / 23 (MM/DD/YY)

A. Attachment # or Permit Condition #: PO00036PC2 - Condition #4	D. Frequency of monitoring: Annual - see attached Source Test Form
B. Description: Rule 103.B.2. Recordkeeping NOx and CO CEMS for Kilns #3 and #4	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable: Annual RATA
C. Method of monitoring: - ACC - Record average concentrations, calibrations and other requirements of CEMS - Monthly reports previouly submitted, summary attached.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: PO00036PC2 - Condition #5	D. Frequency of monitoring: Within in 96 hours NOX and CO violations reported in writing
B. Description: Reporting emissions violations	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable: N/A
C. Method of monitoring: - District Rule 103-96 hour written notification of violations of NOx and/or CO.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: PO00036PC2 - Condition #6	D. Frequency of monitoring: CEM continuous data collection during affected source operating hours
B. Description: - CEMS Data	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable: N/A
C. Method of monitoring: - CEMS measure concentration in parts per million by volume (ppmv) and calculates mass emission rates to pounds per hour (lbs/hr). We experienced Breakdown Nos. 106028 & 106094.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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A. Attachment # or Permit Condition #: PO00036PC7 - Conditions #1, #2, #5 and #6	D. Frequency of monitoring: Quarterly readings are attached in Appendix E
B. Description: 40CFR Part 60, Subpart OOO visual dust limits and monitoring.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: - Quarterly dust evaluation of affected sources per applicable emission limits in Rule 50 and 40CFR Part 60, Subpart OOO requiremnets utilizing EPA Method 9 or other methods as approved by VCAPCD.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: PO00036PC7 -Conditions #3 and #4	D. Frequency of monitoring: Water Spray Logs are in Appendix F
B. Description: Installation and monitoring of water sprays for fugitive dust control. The Permittee shall inspect all water spray to ensure that it is working properly every two weeks	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: - Recordkeeping Log of inspections conducted every two weeks on water spray equipment.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: PO00036PC8 - Conditions #1, #2 and #3	D. Frequency of monitoring: Annual - see attached Source Test Form
B. Description: Particulate Matter emissions for Finished End Baghouse	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable CARB Method #5
C. Method of monitoring: - Recordkeeping of baghouse inspections and maintenace. - Annual Particulate Testing with CARB Method 5. EPA Method #9 as applicable.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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A. Attachment # or Permit Condition #: PO00036PC8, Conditions #5 & #6	D. Frequency of monitoring: Recordkeeping: daily, weekly and quarterly. Attached in Appendix E.
B. Description: Particluate Matter Emissions visible emissions limit 20% for the Finished End Baghouse, inspections and recordkeeping.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: - Recording of baghouse inspections and maintenance on a daily, weekly and quarterly basis. - Logs to be kept on-site for VCAPCD review upon request.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: PO00036PC9, Condition 1, 2, 3, 4, 6, 8, 9, 10 and 11	D. Frequency of monitoring: Annual RATA and Source Testing. Hourly CEM emissions recordkeeping and lime usage.
B. Description: Sulfur Dioxide (SOx) emission limits and monitoring for Kilns #3 and #4. Installation and recordkeeping of SOx CEMS and compliance with 7.61 lbs/hr for Kiln #3 and 8.28 lbs/hr for Kiln #4; not to exceed 300 ppm by volume. Requires installation of lime injection system as control measure.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable As attached Source Test Form Annual RATA
C. Method of monitoring: - Install and maintain a SOx CEMS and perform Annual RATA and Source Testing, CEMS recordkeeping to have hourly and annual SOx emissions calculated. Installation of lime injection system and recordkeeping of hourly usage rates. - Installation of O2 CEMs so that the SOx can be reported on a dry basis corrected to 15% exhaust gas content.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: PO00036PC9 - Conditions #5 and #7	D. Frequency of monitoring: Monthly lime reports and CEM data provided to VCAPCD
B. Description: SOx real time data access and monthly lime usage report.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: - Monthly reports to VCAPCD of the amount and data of lime deliveries. - SOx CEMS data is provided to VCAPCD by real time modern access.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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A. Attachment # or Permit Condition #: PO00036PC10, Conditions #5 & #6	D. Frequency of monitoring: Daily, weekly, quarterly and anually.
B. Description: Rules 26, 50, 52 and 53: Partculate Matter Emission Requirements for the Raw Material Baghouse	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable CARB Methods 5 and 9
C. Method of monitoring: - ACC - Daily, weekly and quarterly baghouse inspections. - PM Source Test every twelve (12) months.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: PO00036PC11 - Condition #1	D. Frequency of monitoring: ACC; monthly and twelve-month rolling average
B. Description: Permitted Throughput and Comsumption Limit Table Material processed at the Portable Screening Plant shall not exceed 1,080,000 tons per year. The permittee shall maintain records and monthly reports of the tons of material processed through the Portable Screeniong Plant. (Rule 26)	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: - ACC - Monthly records and twelve-month rolling average.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: PO00036PC11 - Condition #2	D. Frequency of monitoring: ACC; and recordkeeping at the site.
B. Description: Water Sprays, or an equivalent moisture content greater than or equal to 3% by weight shall be used and maintained where and when necessary to control fugitive emissions from the screening plant and stockpiles. Moisture Content shall be determined every six months using the most recent version of ASTM Method C-566. The moisture content results shall be dated and maintained at the facility and shall be submitted to the District with the ACC. (Rule 26)	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: - ACC - Six month records kept at the facility.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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A. Attachment # or Permit Condition #: Attachment 74.11.1 - Water Heaters and Boilers	D. Frequency of monitoring: ACC
B. Description: General Applicable Requirements Rule 74.211.1 Large Water Heaters and Small Boilers After December 31, 2000, no installation of any new unit with the rate heat input capacity of greater than or equal to 75,000 BTU/hr at this stationary source. Application may be made in the future installation of large water heater or small boilers.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: - ACC - N/A, there are no water heater, boilers, steam generators or process heaters with a rated heat input capacity of greater than 75,000 BTU/hr at this stationary source. - Application may be made in the future installation of large water heater or small boiler.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: Attachment 74.22 - Central Furnace	D. Frequency of monitoring: ACC
B. Description: General Applicable Requirements Rule 73.22 - Natural Gas Central Furnace 1. No person shall sell, offer for sale or install in this district any natural-gas fired, fan type central furnace with NOx (oxides of nitrogen) emissions in excess of 40 nanagrams per joule of heat output. 2. No person shall sell, offer for sale or install in this District any natural gas fired, fan type central furnace unless it is certified and identified in accordance with Section C.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: - ACC - Not required. Application to potential future installations. Except per Condition #3 All current heaters were installed prior to May 31, 1995.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: Attachment 74.1 - Abrasive Blasting	D. Frequency of monitoring: ACC
B. Description: General requirements for Short-term activities. Rule 74.1 - Abrasive Blasting Routine survaillance and visual inspections and records of abrasive blasting operation.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: - ACC - Visible Emission Evalvuation (VEE) - Section 92400 of CCR. Maintain abrasive blasting records. No sandblasting operations occured at the facility during the Compliance Certification period.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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A. Attachment # or Permit Condition #: Attachment 74.2	D. Frequency of monitoring: ACC and routine periodic monitoring
B. Description: Rule 74.2 Architectural Coating The VOC content of architectural coatings shall not exceed the following standards, unless exempt: VOC in flat coatings less than 100 grams/liter; VOC in non-flat coatings< 15 gram/liter of coating, excluding water, exempt compounds and colorant; VOC content of non-flat high gloss coatings, 250 gram/liter of coating, excluding water, exempt organics. None used during this reporting period.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable VOC: EPA Method 24 / CARB Method 432; Acid content: ASTM D1613-95; Metal : SCAQMD 311-91
C. Method of monitoring: - ACC - Routine surveillance and periodic inspection of coatings used for containers with volume >1 liter and excluding aerosol coatings; maintain VOC records of inspections and actions taken, including maintaining records for non-exempt coatings used at the site, if any. Submit information to District upon request.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: Attachment 74.29 - N3 Soil Decontamination	D. Frequency of monitoring: ACC
B. Description: Rule 74.29 Soil Decontamination Operations	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: - ACC - No monitoring necessary; no soil decontamination / aeration took place at the facility during the compliance period.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: Rule 26 and 40 CFR Part 60 Subpart OOO, 08.31.83	D. Frequency of monitoring: ACC; as requested by the VCAPCD
B. Description: Standards of Performance for Nonmetallic Mineral Processing Facilities for equipment installed after August 31,1983 and before April 22, 2008.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable None requested in addition to required compliance testing, EPA Methods 5, 9, 17 and 22
C. Method of monitoring: - Source Tests and opacity readings unpon request of VCAPCD. - EPA Methods 5, 9, 17 and 22 - ACC	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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A. Attachment # or Permit Condition #: PO00036PC10 - rev 261 - Condition #2	D. Frequency of monitoring: ACC and Source Test
B. Description: General Applicable Requirements The Permittee shall not discharge into the atmosphere from the exhaust stack of the Raw Plant Material Baghouse particulate matter in excess of the following limits: Meet particulate Matter (PM) emissions of Rule 26 & 52, as shown by: 1. By Annual Source Test for PM with Method CARB 5 2. Per Rule 26, submit test protol 30 days prior to the test report and results to be submitted to APCD within 45 days after test	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable See atteched Source Test Summary Form
C. Method of monitoring: - ACC - Source Test results	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: PO00036PC10 - rev 261 - Condition #3	D. Frequency of monitoring: ACC and recordkeeping.
B. Description: As Per Rule 26, baghouse dust collectors for applicable equipment maintained in good working order and dust handled in an enclosed screw conveyor and Rotory Valve.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: - ACC - Maintenance Records	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: PO00036 PC11 - Condition #3	D. Frequency of monitoring: ACC and recordkeeping.
B. Description: The Moisture results shall be dated and maintained at the facility and shall be submitted to the District with the ACC. (Rule 26)	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: - Initial Method 9 Source Test - ACC and recordkeeping	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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A. Attachment # or Permit Condition #: Attachment 55 - Condition #6	D. Frequency of monitoring: ACC and recordkeeping.
B. Description: General Applicable Reequirements Comply with recordkeeping requirement in Rule 55, as applicable.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: - ACC - Records and reports maintained at the facility.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: Attachment 55 - Condition #7	D. Frequency of monitoring: ACC and recordkeeping.
B. Description: Permittee shall certify on a annual basis that all applicable sources of dust at the stationary source are operating in compliance with Rule 55.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: - ACC - Recordkeeping	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: PO00036PC10 - rev 261 - Condition #1	D. Frequency of monitoring: ACC
B. Description: Rule 26 -New Source Review Raw Material Baghouse shall be installed to meet specified requirements and control particulate emissions from specific equipment	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: - ACC	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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A. Attachment # or Permit Condition #: Attachment 40CFR61.M	D. Frequency of monitoring: N/A
B. Description: National Emission Standard for Asbetos.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: - ACC - No Asbetos demolition or renovation took place during compliance period.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: PO00036PC1 - Condition #1	D. Frequency of monitoring: Monthly throughput and consumption records (Attached in Appendix A & B as applicable)
B. Description: Rule 26 General Recordkeeping	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: - Submittal of ACC - Monthly records of throughput and consumption	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: PO00036PC1 - Condition #2	D. Frequency of monitoring: Annual compliance statement. Recordkreeping of nonexempt solvent usage - N/A for this reporting period.
B. Description: Rule 29 Solvent Recordkeeping	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: Records of solvent purchases and usage. As applicable to VCACPD rules. Solvent used for facility maintenance amd repair exempt (Rule 23.F.7 - not including by contractors) . Nonfillable aerosol <2% organic solvents exempt. Solvents used by the facility are exempt by Rule 23.F.7 and 23.F.10.a & b. Facility only uses non-volitile (<2% organic) citrus oil based cleaning agents and non-refillable aerosol cleaning products.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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A. Attachment # or Permit Condition #: 40 CFR Part 60 Subpart OOO (4.22.08), Condition #4	D. Frequency of monitoring: ACC; rountine and periodic visible emission monitoring
B. Description: Any transfer point on an enclosed conveyor belt must comply with the above limits or the enclosure must have no visible emissions from vent. The vent shall comply with the limits for Condition #1.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: - ACC - Rountine periodic visible emissions monitoring	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: 40CFR Part 60, Subpart OOO (4.22.08), Condition #5	D. Frequency of monitoring: Annual Stack Test - See attached Source Test Form
B. Description: Stack emissions from baghouses controlling emissions from an individual enclosed storage bin shall not exhabit equal to /greater than 7% opacity.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable EPA Method 5, 9 and/or 22
C. Method of monitoring: - ACC - Stacks are tested annually in accordance with permit conditions	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: 40 CFR Part 60, Subpart OOO (4.22.08), Condition #6, #7 & #8	D. Frequency of monitoring: ACC, recordkeeping
B. Description: Condition #6: Emission concentration and opacity limits shall not apply to truck dumping of nonmetallic minerals, start-up, shut-down or malfunction. Condition #7:The permittee shall maintain records of occurances and duration of start-up, shut-down or malfunction. Condition #8: Upon request by the District, the permittee shall perform emissions tests to determine compliance with the emissions limits and opacity requirements	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Not Applicable
C. Method of monitoring: - ACC - Recordkeeping	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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A. Attachment # or Permit Condition #: 40 CFR Part 60, Subpart OOO (4.22.08), Condition #13	D. Frequency of monitoring: ACC and Quarterly Observations Records
B. Description: The permittee shall report any changes in the process material from saturated to unsatutated material within 30 days following such change. At the time of such change, the screening operation, bucket elevator or belt conveyor, becomes subject to the opacity standards.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: - ACC - Quarterly Inspection	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: Attachment 55- Fugitive Dust , Condition #1	D. Frequency of monitoring: ACC; Rountine periodic observations and recordkeeping.
B. Description: As Per Applicable Requiements of Rule 55.B.1 No discharge of fugitive dust from applicable source and track-out more than 50 feet from the property boundary or more than midway across adjacent roadway.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Method 9
C. Method of monitoring: - ACC - Montoring , recordkeeping and reports required by the Fugitive Dust Reduction Plan (FDRP). The FDRP includes: the use of dust suppressant/chemical stablizer, use of paved area or gravel pads to minimize track-out and use of posted speed limit signs on unpaved haul roads.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: Attachment 55 - Fugitive Dust, Condition #2	D. Frequency of monitoring: ACC; Periodic observations and recordkeeping
B. Description: As Per General Applicatible requirements Rule 55.B.2 No discharge of fugitive dusts from applicable source such that emission from source creates equal to / greater than 20% opacity for more than 3 minutes (cumulative) within any 1 hour.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: - Periodic routine visible observations - ACC	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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A. Attachment # or Permit Condition #: Attachment 55 - Fugitive Dust , Condition #3	D. Frequency of monitoring: Periodic visible observations, recordkeeping and ACC
B. Description: No track-out to extend 25 feet or more in length unless specific control measure is ultilized: either track-out area improvement, track-out prevention or track-out removal.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: - Records of periodic observations - ACC	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: Attachment 55 - Fugitive Dust, Condition #4	D. Frequency of monitoring: ACC and recordkeeping.
B. Description: As Per General Applicable Requirement for Rule 55 All track-out to be removed at the end of each operating day.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: - ACC - Records and reports mintained at the facility.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: Attachment 55 - Fugitive Dust, Condition #5	D. Frequency of monitoring: ACC and recordkeeping
B. Description: As Per General Applicable Requirements, Rule 55 Permittee will comply with specific activity requirements, as designated in Rule 55 for: Earth-moving, bulk material hauling and truck activities.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Upon District request, source test as per EPA Methods: 6, 6A, 6C, 8, 15, 16A & 6B; as applicable
C. Method of monitoring: - ACC - Records and reports maintained at the facility	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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A. Attachment # or Permit Condition #: 40CFR Part 60, Subpart OOO (4.22.08), Condition #9	D. Frequency of monitoring: ACC; periodic rountine observation
B. Description: On a monthly basis, the permittee shall inspect all water equipment, initiate any necessary repairs within 24 hours and record the date of each inspection and corrective action in a log book.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable: Annual RATA Testing and Bi-weekly Water Spray Logs
C. Method of monitoring: - ACC - Logs of water spray application (For applicable equipment that is operating)	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: 40 CFR Part 60, Subpart OOO (4.22.08), Conditions #10 & #11	D. Frequency of monitoring: ACC, recordkeeping
B. Description: Condition # 10: A wet scrubber shall be equipped with a calibrated continous monitoring of: a) Pressure loss of the gas stream b) Scrubbing liquid flow rate. Condition # 11: The permittee shall maintain record of continuous monitoring of the wet scrubber	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable: N/A
C. Method of monitoring: - N/A, no wet scrubbers have been installed after April 22, 2008 - ACC -Recordkeeping	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: 40 CFR Part 60, Subpart OOO (4.22.08), Condition #12	D. Frequency of monitoring: ACC; rountine and periodic visible emission montoring; Recordkeeping
B. Description: The permittee shall submit written reports to the District of results of all performance tests to demonstrate complicance with emission concentrations and opacity limits, including Method 9 and Method 22 observations.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable: Method 9 and Method 22
C. Method of monitoring: - ACC - Logs of rountine periodic monitoring and visible emission monitoring	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION
PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 22 (MM/DD/YY) to 03 / 31 / 23 (MM/DD/YY)

A. Attachment # or Permit Condition #: PO00036PC10 - Rev 261 - Condition #4	D. Frequency of monitoring: ACC and routine periodic monitoring
B. Description: Per Rule 50, no discharge if air contaminments for more than 3 minutes (cumulative) in any 1 hour period equal to / greater than 20% opacity.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable: Method 9
C. Method of monitoring: - ACC - Routine observation records of periodic monitoring	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): I H. *Excursions, exceedances, or other non-compliance? (Y or N): Y *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: 40 CFR Part 60, Subpart OOO (4.22.08) Condition #2	D. Frequency of monitoring: Rountine and periodic visible monitoring
B. Description: Fugitive emissions from belt conveyor transfer points shall not exhabit greater or equal to 10% opacity	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable: N/A
C. Method of monitoring: - Submittal of Annual Compliance Certification (ACC) - Facility records for rountine periodic visible emissions monitoring	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: 40 CFR Part 60, Subpart OOO (4.22.08) Condition #3	D. Frequency of monitoring: ACC and Quarterly Observations Records
B. Description: Fugitive emissions from a crusher shall not exhabit greater than or equal to 12% opacity	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable: Not Applicable
C. Method of monitoring: - N/A, no crushers have been installed after April 22, 2008	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

Ventura County
Air Pollution
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ANNUAL COMPLIANCE CERTIFICATION
PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 2022 (MM/DD/YY) to 03 / 31 / 2023 (MM/DD/YY)

A. Attachment # or Permit Condition #: CFR OOO 8.31.83	D. Frequency of monitoring: Upon request
B. Description: Maintain records of startup, shutdown, or malfunction of affected facility; Maintain records of malfunction of air pollution control system;Maintain records during which monitoring system or device is inoperative; Maintain	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring:	F. Currently in Compliance? (Y or N): _____ G. Compliance Status? (C or I): _____ H. *Excursions, exceedances, or other non-compliance? (Y or N): _____ *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #:	D. Frequency of monitoring:
B. Description:	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring:	F. Currently in Compliance? (Y or N): _____ G. Compliance Status? (C or I): _____ H. *Excursions, exceedances, or other non-compliance? (Y or N): _____ *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #:	D. Frequency of monitoring:
B. Description:	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring:	F. Currently in Compliance? (Y or N): _____ G. Compliance Status? (C or I): _____ H. *Excursions, exceedances, or other non-compliance? (Y or N): _____ *If yes, attach Deviation Summary Form

APPENDIX A

PO0036PC1 Condition #1
PO0036PC3 Condition #1

General Production and Throughput Data

Daily & Monthly Raw Material Processed (Clay)
April-22

April Production	Extruder #1 Tons	Hours Run	Total
4/1/2022	385	8.9	385
4/2/2022	307	7.1	307
4/3/2022	376	8.7	376
4/4/2022	346	8	346
4/5/2022	342	7.9	342
4/6/2022	515	11.9	515
4/7/2022	554	12.8	554
4/8/2022	627	14.5	627
4/9/2022	575	13.3	575
4/10/2022	597	13.8	597
4/11/2022	562	13	562
4/12/2022	549	12.7	549
4/13/2022	593	13.7	593
4/14/2022	545	12.6	545
4/15/2022	489	11.3	489
4/16/2022	632	14.6	632
4/17/2022	606	14	606
4/18/2022	493	11.4	493
4/19/2022	415	9.6	415
4/20/2022	528	12.2	528
4/21/2022	463	10.7	463
4/22/2022	614	14.2	614
4/23/2022	593	13.7	593
4/24/2022	580	13.4	580
4/25/2022	480	11.1	480
4/26/2022	415	9.6	415
4/27/2022	454	10.5	454
4/28/2022	541	12.5	541
4/29/2022	398	9.2	398
4/30/2022	502	11.6	502
Monthly Totals	15,076	349	15,076

Month	Tons Processed
May-21	10,101
Jun-21	15,963
Jul-21	14,661
Aug-21	11,170
Sep-21	6,749
Oct-21	10,590
Nov-21	13,878
Dec-21	11,088
Jan-22	9,444
Feb-22	13,497
Mar-22	14,648
Apr-22	15,706
12 Month Rolling Total	147,495

Daily & Monthly Raw Material Processed (Clay)
May-22

May Production	Extruder #1 Tons	Hours Run	Total
5/1/2022	485	11.2	485
5/2/2022	472	10.9	472
5/3/2022	376	8.7	376
5/4/2022	376	8.7	376
5/5/2022	342	7.9	342
5/6/2022	346	8	346
5/7/2022	363	8.4	363
5/8/2022	350	8.1	350
5/9/2022	350	8.1	350
5/10/2022	329	7.6	329
5/11/2022	601	13.9	601
5/12/2022	571	13.2	571
5/13/2022	575	13.3	575
5/14/2022	649	15	649
5/15/2022	407	9.4	407
5/16/2022	485	11.2	485
5/17/2022	337	7.8	337
5/18/2022	402	9.3	402
5/19/2022	580	13.4	580
5/20/2022	627	14.5	627
5/21/2022	580	13.4	580
5/22/2022	428	9.9	428
5/23/2022	177	4.1	177
5/24/2022	467	10.8	467
5/25/2022	281	6.5	281
5/26/2022	554	12.8	554
5/27/2022	467	10.8	467
5/28/2022	562	13	562
5/29/2022	575	13.3	575
5/30/2022	614	14.2	614
5/31/2022	580	13.4	580
Monthly Totals	14,310	331	14,310

Month	Tons Processed
Jun-21	15,963
Jul-21	14,661
Aug-21	11,170
Sep-21	6,749
Oct-21	10,590
Nov-21	13,878
Dec-21	11,088
Jan-22	9,444
Feb-22	13,497
Mar-22	14,648
Apr-22	15,706
May-22	14,310
12 Month Rolling Total	151,704

Daily & Monthly Raw Material Processed (Clay)
June-22

June Production	Extruder #1 Tons	Hours Run	Total
6/1/2022	601	13.9	601
6/2/2022	281	6.5	281
6/3/2022	485	11.2	485
6/4/2022	571	13.2	571
6/5/2022	376	8.7	376
6/6/2022	601	13.9	601
6/7/2022	523	12.1	523
6/8/2022	610	14.1	610
6/9/2022	497	11.5	497
6/10/2022	666	15.4	666
6/11/2022	562	13	562
6/12/2022	346	8	346
6/13/2022	493	11.4	493
6/14/2022	787	18.2	787
6/15/2022	372	8.6	372
6/16/2022	562	13	562
6/17/2022	536	12.4	536
6/18/2022	649	15	649
6/19/2022	372	8.6	372
6/20/2022	476	11	476
6/21/2022	510	11.8	510
6/22/2022	584	13.5	584
6/23/2022	584	13.5	584
6/24/2022	502	11.6	502
6/25/2022	437	10.1	437
6/26/2022	268	6.2	268
6/27/2022	286	6.6	286
6/28/2022	303	7	303
6/29/2022	424	9.8	424
6/30/2022	497	11.5	497
Monthly Totals	14,765	341	14,765

Month	Tons Processed
Jul-21	14,661
Aug-21	11,170
Sep-21	6,749
Oct-21	10,590
Nov-21	13,878
Dec-21	11,088
Jan-22	9,444
Feb-22	13,497
Mar-22	14,648
Apr-22	15,706
May-22	14,310
Jun-22	14,765
12 Month Rolling Total	150,506

Daily & Monthly Raw Material Processed (Clay)
July-22

July Production	Extruder #1 Tons	Hours Run	Total
7/1/2022	333	7.7	333
7/2/2022	320	7.4	320
7/3/2022	316	7.3	316
7/4/2022	368	8.5	368
7/5/2022	255	5.9	255
7/6/2022	502	11.6	502
7/7/2022	554	12.8	554
7/8/2022	558	12.9	558
7/9/2022	519	12	519
7/10/2022	480	11.1	480
7/11/2022	528	12.2	528
7/12/2022	441	10.2	441
7/13/2022	281	6.5	281
7/14/2022	653	15.1	653
7/15/2022	437	10.1	437
7/16/2022	493	11.4	493
7/17/2022	549	12.7	549
7/18/2022	247	5.7	247
7/19/2022	394	9.1	394
7/20/2022	472	10.9	472
7/21/2022	575	13.3	575
7/22/2022	584	13.5	584
7/23/2022	286	6.6	286
7/24/2022	277	6.4	277
7/25/2022	225	5.2	225
7/26/2022	147	3.4	147
7/27/2022	372	8.6	372
7/28/2022	558	12.9	558
7/29/2022	675	15.6	675
7/30/2022	303	7	303
7/31/2022	342	7.9	342
Monthly Totals	13,043	302	13,043

Month	Tons Processed
Aug-20	11,170
Sep-20	6,749
Oct-20	10,590
Nov-20	13,878
Dec-20	11,088
Jan-21	9,444
Feb-21	13,497
Mar-21	14,648
Apr-21	15,706
May-21	14,310
Jun-21	14,765
Jul-21	13,043
12 Month Rolling Total	148,888

Daily & Monthly Raw Material Processed (Clay)
August-22

August Production	Extruder #1 Tons	Hours Run	Total
8/1/2022	316	7.3	316
8/2/2022	242	5.6	242
8/3/2022	441	10.2	441
8/4/2022	376	8.7	376
8/5/2022	359	8.3	359
8/6/2022	303	7	303
8/7/2022	433	10	433
8/8/2022	320	7.4	320
8/9/2022	446	10.3	446
8/10/2022	324	7.5	324
8/11/2022	277	6.4	277
8/12/2022	104	2.4	104
8/13/2022	575	13.3	575
8/14/2022	441	10.2	441
8/15/2022	394	9.1	394
8/16/2022	268	6.2	268
8/17/2022	441	10.2	441
8/18/2022	415	9.6	415
8/19/2022	199	4.6	199
8/20/2022	601	13.9	601
8/21/2022	584	13.5	584
8/22/2022	718	16.6	718
8/23/2022	575	13.3	575
8/24/2022	337	7.8	337
8/25/2022	286	6.6	286
8/26/2022	247	5.7	247
8/27/2022	247	5.7	247
8/28/2022	286	6.6	286
8/29/2022	281	6.5	281
8/30/2022	169	3.9	169
8/31/2022	316	7.3	316
Monthly Totals	11,321	262	11,321

Month	Tons Processed
Sep-21	6,749
Oct-21	10,590
Nov-21	13,878
Dec-21	11,088
Jan-22	9,444
Feb-22	13,497
Mar-22	14,648
Apr-22	15,706
May-22	14,310
Jun-22	14,765
Jul-22	13,043
Aug-22	11,321
12 Month Rolling Total	149,039

Daily & Monthly Raw Material Processed (Clay)
September-22

September Production	Extruder #1 Tons	Hours Run	Total
9/1/2022	0	0	0
9/2/2022	221	5.1	221
9/3/2022	536	12.4	536
9/4/2022	692	16	692
9/5/2022	515	11.9	515
9/6/2022	536	12.4	536
9/7/2022	428	9.9	428
9/8/2022	558	12.9	558
9/9/2022	502	11.6	502
9/10/2022	727	16.8	727
9/11/2022	684	15.8	684
9/12/2022	502	11.6	502
9/13/2022	627	14.5	627
9/14/2022	549	12.7	549
9/15/2022	497	11.5	497
9/16/2022	701	16.2	701
9/17/2022	632	14.6	632
9/18/2022	632	14.6	632
9/19/2022	532	12.3	532
9/20/2022	502	11.6	502
9/21/2022	523	12.1	523
9/22/2022	350	8.1	350
9/23/2022	506	11.7	506
9/24/2022	359	8.3	359
9/25/2022	333	7.7	333
9/26/2022	260	6	260
9/27/2022	532	12.3	532
9/28/2022	342	7.9	342
9/29/2022	286	6.6	286
9/30/2022	536	12.4	536
Monthly Totals	14,600	338	14,600

Month	Tons Processed
Oct-21	10,590
Nov-21	13,878
Dec-21	11,088
Jan-22	9,444
Feb-22	13,497
Mar-22	14,648
Apr-22	15,706
May-22	14,310
Jun-22	14,765
Jul-22	13,043
Aug-22	11,321
Sep-22	14,600
12 Month Rolling Total	156,890

Daily & Monthly Raw Material Processed (Clay)
October-22

October Production	Extruder #1 Tons	Hours Run	Total
10/1/2022	346	8	346
10/2/2022	333	7.7	333
10/3/2022	355	8.2	355
10/4/2022	320	7.4	320
10/5/2022	714	16.5	714
10/6/2022	480	11.1	480
10/7/2022	428	9.9	428
10/8/2022	588	13.6	588
10/9/2022	441	10.2	441
10/10/2022	394	9.1	394
10/11/2022	372	8.6	372
10/12/2022	372	8.6	372
10/13/2022	173	4	173
10/14/2022	264	6.1	264
10/15/2022	0	0	0
10/16/2022	286	6.6	286
10/17/2022	342	7.9	342
10/18/2022	385	8.9	385
10/19/2022	359	8.3	359
10/20/2022	359	8.3	359
10/21/2022	316	7.3	316
10/22/2022	337	7.8	337
10/23/2022	389	9	389
10/24/2022	567	13.1	567
10/25/2022	662	15.3	662
10/26/2022	575	13.3	575
10/27/2022	459	10.6	459
10/28/2022	761	17.6	761
10/29/2022	666	15.4	666
10/30/2022	619	14.3	619
10/31/2022	792	18.3	792
Monthly Totals	12,662	293	12,662

Month	Tons Processed
Nov-21	13,878
Dec-21	11,088
Jan-22	9,444
Feb-22	13,497
Mar-22	14,648
Apr-22	15,706
May-22	14,310
Jun-22	14,765
Jul-22	13,043
Aug-22	11,321
Sep-22	14,600
Oct-21	12,662
12 Month Rolling Total	158,962

Daily & Monthly Raw Material Processed (Clay)
November-22

November Production	Extruder #1 Tons	Hours Run	Total
11/1/2022	554	12.8	554
11/2/2022	415	9.6	415
11/3/2022	549	12.7	549
11/4/2022	580	13.4	580
11/5/2022	757	17.5	757
11/6/2022	545	12.6	545
11/7/2022	91	2.1	91
11/8/2022	0	0	0
11/9/2022	342	7.9	342
11/10/2022	545	12.6	545
11/11/2022	679	15.7	679
11/12/2022	532	12.3	532
11/13/2022	303	7	303
11/14/2022	489	11.3	489
11/15/2022	467	10.8	467
11/16/2022	411	9.5	411
11/17/2022	787	18.2	787
11/18/2022	497	11.5	497
11/19/2022	645	14.9	645
11/20/2022	320	7.4	320
11/21/2022	355	8.2	355
11/22/2022	160	3.7	160
11/23/2022	333	7.7	333
11/24/2022	346	8	346
11/25/2022	294	6.8	294
11/26/2022	368	8.5	368
11/27/2022	337	7.8	337
11/28/2022	346	8	346
11/29/2022	298	6.9	298
11/30/2022	350	8.1	350
Monthly Totals	12,697	294	12,697

Month	Tons Processed
Dec-21	11,088
Jan-22	9,444
Feb-22	13,497
Mar-22	14,648
Apr-22	15,706
May-22	14,310
Jun-22	14,765
Jul-22	13,043
Aug-22	11,321
Sep-22	14,600
Oct-22	12,662
Nov-22	12,697
12 Month Rolling Total	157,781

Daily & Monthly Raw Material Processed (Clay)
December-22

December Production	Extruder #1 Tons	Hours Run	Total
12/1/2022	355	8.2	355
12/2/2022	359	8.3	359
12/3/2022	359	8.3	359
12/4/2022	294	6.8	294
12/5/2022	394	9.1	394
12/6/2022	376	8.7	376
12/7/2022	355	8.2	355
12/8/2022	229	5.3	229
12/9/2022	346	8	346
12/10/2022	381	8.8	381
12/11/2022	311	7.2	311
12/12/2022	515	11.9	515
12/13/2022	372	8.6	372
12/14/2022	372	8.6	372
12/15/2022	372	8.6	372
12/16/2022	337	7.8	337
12/17/2022	376	8.7	376
12/18/2022	234	5.4	234
12/19/2022	333	7.7	333
12/20/2022	874	20.2	874
12/21/2022	121	2.8	121
12/22/2022	407	9.4	407
12/23/2022	381	8.8	381
12/24/2022	389	9	389
12/25/2022	363	8.4	363
12/26/2022	424	9.8	424
12/27/2022	273	6.3	273
12/28/2022	294	6.8	294
12/29/2022	640	14.8	640
12/30/2022	593	13.7	593
12/31/2022	632	14.6	632
Monthly Totals	**11,706**	**271**	**11,706**

Month	Tons Processed
Jan-22	9,444
Feb-22	13,497
Mar-22	14,648
Apr-22	15,706
May-22	14,310
Jun-22	14,765
Jul-22	13,043
Aug-22	11,321
Sep-22	14,600
Oct-22	12,662
Nov-22	12,697
Dec-22	11,706
12 Month Rolling Total	158,399

Daily & Monthly Raw Material Processed (Clay)
January-23

Janruary Production	Extruder #1 Tons	Hours Run	Total
1/1/2023	645	14.9	645
1/2/2023	640	14.8	640
1/3/2023	610	14.1	610
1/4/2023	515	11.9	515
1/5/2023	398	9.2	398
1/6/2023	346	8	346
1/7/2023	450	10.4	450
1/8/2023	316	7.3	316
1/9/2023	277	6.4	277
1/10/2023	385	8.9	385
1/11/2023	190	4.4	190
1/12/2023	342	7.9	342
1/13/2023	350	8.1	350
1/14/2023	614	14.2	614
1/15/2023	666	15.4	666
1/16/2023	649	15	649
1/17/2023	545	12.6	545
1/18/2023	645	14.9	645
1/19/2023	532	12.3	532
1/20/2023	428	9.9	428
1/21/2023	363	8.4	363
1/22/2023	549	12.7	549
1/23/2023	601	13.9	601
1/24/2023	545	12.6	545
1/25/2023	567	13.1	567
1/26/2023	554	12.8	554
1/27/2023	619	14.3	619
1/28/2023	588	13.6	588
1/29/2023	679	15.7	679
1/30/2023	632	14.6	632
1/31/2023	350	8.1	350
Monthly Totals	**15,591**	**360**	**15,591**

Month	Tons Processed
Feb-22	13,497
Mar-22	14,648
Apr-22	15,706
May-22	14,310
Jun-22	14,765
Jul-22	13,043
Aug-22	11,321
Sep-22	14,600
Oct-22	12,662
Nov-22	12,697
Dec-22	11,706
Jan-23	15,591
12 Month Rolling Total	164,546

Daily & Monthly Raw Material Processed (Clay)
February-23

February Production	Extruder #1 Tons	Hours Run	Total
2/1/2023	692	16	692
2/2/2023	588	13.6	588
2/3/2023	584	13.5	584
2/4/2023	420	9.7	420
2/5/2023	389	9	389
2/6/2023	290	6.7	290
2/7/2023	286	6.6	286
2/8/2023	286	6.6	286
2/9/2023	39	0.9	39
2/10/2023	0	0	0
2/11/2023	0	0	0
2/12/2023	0	0	0
2/13/2023	43	1	43
2/14/2023	277	6.4	277
2/15/2023	277	6.4	277
2/16/2023	402	9.3	402
2/17/2023	658	15.2	658
2/18/2023	575	13.3	575
2/19/2023	389	9	389
2/20/2023	238	5.5	238
2/21/2023	234	5.4	234
2/22/2023	368	8.5	368
2/23/2023	320	7.4	320
2/24/2023	281	6.5	281
2/25/2023	286	6.6	286
2/26/2023	160	3.7	160
2/27/2023	225	5.2	225
2/28/2023	580	13.4	580
Monthly Totals	**8,886**	**205**	**8,886**

Month	Tons Processed
Mar-22	14,648
Apr-22	15,706
May-22	14,310
Jun-22	14,765
Jul-22	13,043
Aug-22	11,321
Sep-22	14,600
Oct-22	12,662
Nov-22	12,697
Dec-22	11,706
Jan-23	15,591
Feb-23	8,886
12 Month Rolling Total	159,935

Daily & Monthly Raw Material Processed (Clay)
March-23

March Production	Extruder #1 Tons	Hours Run	Total
3/1/2023	541	12.5	541
3/2/2023	186	4.3	186
3/3/2023	324	7.5	324
3/4/2023	394	9.1	394
3/5/2023	355	8.2	355
3/6/2023	164	3.8	164
3/7/2023	208	4.8	208
3/8/2023	376	8.7	376
3/9/2023	437	10.1	437
3/10/2023	208	4.8	208
3/11/2023	515	11.9	515
3/12/2023	225	5.2	225
3/13/2023	311	7.2	311
3/14/2023	329	7.6	329
3/15/2023	346	8	346
3/16/2023	342	7.9	342
3/17/2023	281	6.5	281
3/18/2023	0	0	0
3/19/2023	273	6.3	273
3/20/2023	350	8.1	350
3/21/2023	212	4.9	212
3/22/2023	424	9.8	424
3/23/2023	333	7.7	333
3/24/2023	407	9.4	407
3/25/2023	307	7.1	307
3/26/2023	329	7.6	329
3/27/2023	324	7.5	324
3/28/2023	298	6.9	298
3/29/2023	368	8.5	368
3/30/2023	260	6	260
3/31/2023	424	9.8	424
Monthly Totals	**9,850**	**228**	**9,850**

Month	Tons Processed
Apr-22	15,706
May-22	14,310
Jun-22	14,765
Jul-22	13,043
Aug-22	11,321
Sep-22	14,600
Oct-22	12,662
Nov-22	12,697
Dec-22	11,706
Jan-23	15,591
Feb-23	8,886
Mar-23	9,850
12 Month Rolling Total	155,137

Company: Arcosa Lightweight LWFP, LLC.
Plant: 17410 Lockwood Valley Rd
City/St: Frazier Park, CA 93225

Production Data - Material Processed

Permit 00036 Condition 9.a. of PO00036PC3

Period Start: 4/1/2022 00:00
Period End: 4/30/2022 23:59

Month: April 2022

Date	Raw Pellets to Kiln (Tons/Day)	
	K3	K4
4/1/2022	0.00	424.40
4/2/2022	0.00	440.90
4/3/2022	0.00	413.00
4/4/2022	0.00	415.60
4/5/2022	0.00	437.30
4/6/2022	335.70	417.70
4/7/2022	277.40	419.10
4/8/2022	251.10	424.60
4/9/2022	408.20	411.40
4/10/2022	408.20	441.10
4/11/2022	417.00	428.10
4/12/2022	399.00	432.20
4/13/2022	367.40	334.90
4/14/2022	427.60	358.80
4/15/2022	89.80	421.30
4/16/2022	364.50	438.30
4/17/2022	411.50	448.40
4/18/2022	326.10	419.50
4/19/2022	411.20	0.00
4/20/2022	411.90	342.20
4/21/2022	403.00	405.10
4/22/2022	328.50	449.50
4/23/2022	422.10	439.30
4/24/2022	380.30	451.90
4/25/2022	69.60	452.10
4/26/2022	279.70	368.60
4/27/2022	199.60	221.60
4/28/2022	413.40	61.40
4/29/2022	46.00	419.40
4/30/2022	158.40	424.50
Total	**8,007.20**	**11,562.20**
Avg	**266.91**	**385.41**
Max	**427.60**	**452.10**
Min	**0.00**	**0.00**

Company: ArcosaLightweight LWFP, LLC.
Plant: 17410 Lockwood Valley Rd
City/St: Frazier Park, CA 93225

Production Data - Material Processed

Permit 00036 Condition 9.a. of PO00036PC3

Period Start: 5/1/2022 00:00
Period End: 5/31/2022 23:59

Month: May 2022

Date	Raw Pellets to Kiln (Tons/Day)	
	K3	K4
5/1/2022	238.20	439.00
5/2/2022	200.10	419.00
5/3/2022	0.00	403.60
5/4/2022	0.00	450.50
5/5/2022	0.00	331.70
5/6/2022	0.00	423.60
5/7/2022	0.00	452.80
5/8/2022	0.00	456.00
5/9/2022	0.00	466.30
5/10/2022	0.00	416.70
5/11/2022	382.80	129.40
5/12/2022	438.40	442.40
5/13/2022	427.70	439.00
5/14/2022	428.50	439.20
5/15/2022	422.10	424.70
5/16/2022	267.20	121.40
5/17/2022	145.60	433.90
5/18/2022	0.00	445.70
5/19/2022	404.30	449.80
5/20/2022	437.50	402.50
5/21/2022	432.70	438.90
5/22/2022	136.60	432.20
5/23/2022	93.00	105.20
5/24/2022	375.80	33.70
5/25/2022	399.20	144.20
5/26/2022	445.00	118.00
5/27/2022	435.00	464.00
5/28/2022	439.60	465.50
5/29/2022	440.10	470.80
5/30/2022	352.90	467.30
5/31/2022	242.00	269.20
Total	**7,584.30**	**11,396.20**
Avg	**244.65**	**367.62**
Max	**445.00**	**470.80**
Min	**0.00**	**33.70**

Company: ArcosaLightweight LWFP, LLC.
Plant: 17410 Lockwood Valley Rd
City/St: Frazier Park, CA 93225

Production Data - Material Processed

Permit 00036 Condition 9.a. of PO00036PC3

Period Start: 6/1/2022 00:00
Period End: 6/30/2022 23:59

Month: June 2022

Date	Raw Pellets to Kiln (Tons/Day)	
	K3	K4
6/1/2022	314.80	328.90
6/2/2022	430.60	441.90
6/3/2022	354.10	438.10
6/4/2022	101.20	448.30
6/5/2022	322.80	175.50
6/6/2022	443.90	454.50
6/7/2022	486.70	428.40
6/8/2022	412.90	463.50
6/9/2022	217.30	463.70
6/10/2022	392.80	420.60
6/11/2022	386.60	423.90
6/12/2022	140.20	351.40
6/13/2022	0.00	270.10
6/14/2022	0.00	482.90
6/15/2022	378.10	458.50
6/16/2022	408.40	465.00
6/17/2022	441.70	449.70
6/18/2022	432.00	218.70
6/19/2022	436.00	235.80
6/20/2022	139.30	379.70
6/21/2022	263.00	449.80
6/22/2022	309.00	461.50
6/23/2022	423.30	446.80
6/24/2022	401.60	440.20
6/25/2022	395.90	220.70
6/26/2022	401.70	0.00
6/27/2022	414.20	0.00
6/28/2022	431.20	0.00
6/29/2022	335.00	211.10
6/30/2022	326.00	382.50
Total	**9,940.30**	**10,411.70**
Avg	**331.34**	**347.06**
Max	**486.70**	**482.90**
Min	**0.00**	**0.00**

Company: ArcosaLightweight LWFP, LLC.
Plant: 17410 Lockwood Valley Rd
City/St: Frazier Park, CA 93225

Production Data - Material Processed

Permit 00036 Condition 9.a. of PO00036PC3

Period Start: 7/1/2022 00:00
Period End: 7/31/2022 23:59

Month: July 2022

Date	Raw Pellets to Kiln (Tons/Day)	
	K3	K4
7/1/2022	0.00	448.10
7/2/2022	0.00	454.20
7/3/2022	0.00	450.80
7/4/2022	0.00	459.90
7/5/2022	0.00	447.50
7/6/2022	266.80	0.00
7/7/2022	199.30	406.50
7/8/2022	317.90	460.10
7/9/2022	315.80	451.00
7/10/2022	178.70	453.10
7/11/2022	0.00	461.00
7/12/2022	369.90	383.30
7/13/2022	357.10	353.60
7/14/2022	348.80	348.80
7/15/2022	308.10	423.30
7/16/2022	175.50	423.10
7/17/2022	227.90	409.50
7/18/2022	211.10	410.60
7/19/2022	177.50	218.00
7/20/2022	56.60	408.00
7/21/2022	142.60	405.20
7/22/2022	335.70	432.40
7/23/2022	335.70	250.10
7/24/2022	313.20	0.00
7/25/2022	333.80	0.00
7/26/2022	332.80	0.00
7/27/2022	252.00	341.20
7/28/2022	382.80	458.00
7/29/2022	399.00	432.60
7/30/2022	412.20	444.60
7/31/2022	398.30	449.50
Total	**7,149.10**	**11,084.00**
Avg	**230.62**	**357.55**
Max	**412.20**	**461.00**
Min	**0.00**	**0.00**

Company: ArcosaLightweight LWFP, LLC.
Plant: 17410 Lockwood Valley Rd
City/St: Frazier Park, CA 93225

Production Data - Material Processed

Permit 00036 Condition 9.a. of PO00036PC3

Period Start: 8/1/2022 00:00
Period End: 8/31/2022 23:59

Month: August 2022

Date	Raw Pellets to Kiln (Tons/Day)	
	K3	K4
8/1/2022	0.00	464.30
8/2/2022	0.00	392.80
8/3/2022	0.00	439.60
8/4/2022	0.00	483.60
8/5/2022	0.00	462.10
8/6/2022	0.00	459.60
8/7/2022	0.00	439.20
8/8/2022	0.00	458.40
8/9/2022	427.60	436.80
8/10/2022	0.00	466.80
8/11/2022	0.00	385.20
8/12/2022	0.00	418.80
8/13/2022	0.00	428.40
8/14/2022	0.00	446.40
8/15/2022	0.00	418.80
8/16/2022	0.00	408.00
8/17/2022	0.00	436.80
8/18/2022	0.00	438.00
8/19/2022	0.00	416.40
8/20/2022	0.00	404.40
8/21/2022	145.80	432.00
8/22/2022	408.20	385.20
8/23/2022	225.60	403.20
8/24/2022	313.20	260.20
8/25/2022	333.80	18.60
8/26/2022	332.80	0.00
8/27/2022	252.00	0.00
8/28/2022	338.30	0.00
8/29/2022	421.30	0.00
8/30/2022	338.40	0.00
8/31/2022	337.20	0.00
Total	**3,874.20**	**10,203.60**
Avg	**124.97**	**329.15**
Max	**427.60**	**483.60**
Min	**0.00**	**0.00**

Company: ArcosaLightweight LWFP, LLC.
Plant: 17410 Lockwood Valley Rd
City/St: Frazier Park, CA 93225

Production Data - Material Processed

Permit 00036 Condition 9.a. of PO00036PC3

Period Start: 9/1/2022 00:00
Period End: 9/30/2022 23:59

Month: September 2022

Date	Raw Pellets to Kiln (Tons/Day)	
	K3	K4
9/1/2022	50.90	0.00
9/2/2022	201.70	280.50
9/3/2022	335.40	436.20
9/4/2022	336.30	458.50
9/5/2022	239.70	341.30
9/6/2022	247.40	434.40
9/7/2022	0.00	451.70
9/8/2022	221.30	455.30
9/9/2022	225.90	439.50
9/10/2022	298.80	448.60
9/11/2022	304.00	462.00
9/12/2022	471.80	471.80
9/13/2022	480.60	480.60
9/14/2022	256.30	457.20
9/15/2022	223.10	441.60
9/16/2022	126.60	363.20
9/17/2022	325.30	504.00
9/18/2022	441.30	373.20
9/19/2022	432.10	432.10
9/20/2022	293.90	440.10
9/21/2022	451.00	451.00
9/22/2022	428.70	428.70
9/23/2022	0.00	429.20
9/24/2022	0.00	442.00
9/25/2022	445.00	445.00
9/26/2022	0.00	443.80
9/27/2022	398.50	398.50
9/28/2022	0.00	447.10
9/29/2022	448.60	448.60
9/30/2022	0.00	0.00
Total	**7,684.20**	**12,105.70**
Avg	**256.14**	**403.52**
Max	**480.60**	**504.00**
Min	**0.00**	**0.00**

Company: ArcosaLightweight LWFP, LLC.
Plant: 17410 Lockwood Valley Rd
City/St: Frazier Park, CA 93225

Production Data - Material Processed

Permit 00036 Condition 9.a. of PO00036PC3

Period Start: 10/1/2022 00:00
Period End: 10/31/2022 23:59

Month: October 2022

Date	Raw Pellets to Kiln (Tons/Day)	
	K3	K4
10/1/2022	0.00	460.00
10/2/2022	0.00	466.90
10/3/2022	0.00	431.60
10/4/2022	0.00	448.60
10/5/2022	0.00	460.00
10/6/2022	0.00	457.60
10/7/2022	0.00	450.30
10/8/2022	0.00	453.40
10/9/2022	0.00	456.40
10/10/2022	0.00	456.00
10/11/2022	0.00	448.20
10/12/2022	0.00	452.40
10/13/2022	0.00	190.90
10/14/2022	0.00	322.30
10/15/2022	0.00	0.00
10/16/2022	0.00	131.30
10/17/2022	0.00	443.40
10/18/2022	0.00	432.60
10/19/2022	0.00	431.60
10/20/2022	0.00	428.00
10/21/2022	0.00	433.00
10/22/2022	0.00	314.40
10/23/2022	0.00	392.00
10/24/2022	122.00	430.80
10/25/2022	292.30	443.60
10/26/2022	292.90	452.40
10/27/2022	307.20	448.00
10/28/2022	335.30	454.70
10/29/2022	323.00	453.40
10/30/2022	326.00	441.40
10/31/2022	314.80	435.50
Total	**2,313.50**	**12,520.70**
Avg	**74.63**	**403.89**
Max	**335.30**	**466.90**
Min	**0.00**	**0.00**

Company: ArcosaLightweight LWFP, LLC.
Plant: 17410 Lockwood Valley Rd
City/St: Frazier Park, CA 93225

Production Data - Material Processed

Permit 00036 Condition 9.a. of PO00036PC3

Period Start: 11/1/2022 00:00
Period End: 11/30/2022 23:59

Month: November 2022

Date	Raw Pellets to Kiln (Tons/Day)	
	K3	K4
11/1/2022	312.10	430.60
11/2/2022	328.30	445.30
11/3/2022	251.70	434.10
11/4/2022	282.20	447.30
11/5/2022	276.40	456.80
11/6/2022	297.10	466.50
11/7/2022	68.20	369.40
11/8/2022	0.00	0.00
11/9/2022	89.70	0.00
11/10/2022	191.90	365.70
11/11/2022	139.10	413.30
11/12/2022	275.20	400.60
11/13/2022	226.00	403.10
11/14/2022	38.80	391.70
11/15/2022	205.30	369.80
11/16/2022	243.20	413.10
11/17/2022	239.30	408.70
11/18/2022	240.30	426.90
11/19/2022	234.60	421.10
11/20/2022	139.70	241.60
11/21/2022	0.00	208.30
11/22/2022	0.00	423.20
11/23/2022	0.00	179.70
11/24/2022	0.00	426.70
11/25/2022	0.00	408.90
11/26/2022	0.00	379.30
11/27/2022	0.00	397.50
11/28/2022	0.00	418.80
11/29/2022	0.00	424.80
11/30/2022	0.00	363.80
Total	**4,079.10**	**10,936.60**
Avg	**135.97**	**364.55**
Max	**328.30**	**466.50**
Min	**0.00**	**0.00**

Company: ArcosaLightweight LWFP, LLC.
Plant: 17410 Lockwood Valley Rd
City/St: Frazier Park, CA 93225

Production Data - Material Processed

Permit 00036 Condition 9.a. of PO00036PC3

Period Start: 12/1/2020 00:00
Period End: 12/31/2022 23:59

Month: December 2022

Date	Raw Pellets to Kiln (Tons/Day)	
	K3	K4
12/1/2022	0.00	381.20
12/2/2022	0.00	366.50
12/3/2022	0.00	374.60
12/4/2022	0.00	380.60
12/5/2022	0.00	383.70
12/6/2022	0.00	394.40
12/7/2022	0.00	387.70
12/8/2022	0.00	385.00
12/9/2022	0.00	391.40
12/10/2022	0.00	377.20
12/11/2022	0.00	367.80
12/12/2022	0.00	378.30
12/13/2022	0.00	404.30
12/14/2022	0.00	399.10
12/15/2022	0.00	402.40
12/16/2022	0.00	414.20
12/17/2022	0.00	396.70
12/18/2022	0.00	409.00
12/19/2022	0.00	402.90
12/20/2022	0.00	404.80
12/21/2022	0.00	352.40
12/22/2022	0.00	427.60
12/23/2022	0.00	435.70
12/24/2022	0.00	438.20
12/25/2022	0.00	421.20
12/26/2022	0.00	406.30
12/27/2022	0.00	344.50
12/28/2022	0.00	395.10
12/29/2022	276.40	392.70
12/30/2022	306.10	394.70
12/31/2022	297.40	395.00
Total	**879.90**	**12,205.20**
Avg	**28.38**	**393.72**
Max	**306.10**	**438.20**
Min	**0.00**	**344.50**

Company: ArcosaLightweight LWFP, LLC.
Plant: 17410 Lockwood Valley Rd
City/St: Frazier Park, CA 93225

Production Data - Material Processed

Permit 00036 Condition 9.a. of PO00036PC3

Period Start: 1/1/2023 00:00
Period End: 1/31/2023 23:59

Month: January 2023

Date	Raw Pellets to Kiln (Tons/Day)	
	K3	K4
1/1/2023	285.70	409.50
1/2/2023	285.30	424.80
1/3/2023	272.40	419.00
1/4/2023	243.10	408.70
1/5/2023	249.60	419.50
1/6/2023	1.86	191.50
1/7/2023	0.00	418.20
1/8/2023	155.00	116.60
1/9/2023	211.40	0.00
1/10/2023	224.90	0.00
1/11/2023	218.20	0.00
1/12/2023	187.30	0.00
1/13/2023	101.70	0.00
1/14/2023	142.50	0.00
1/15/2023	237.00	96.40
1/16/2023	245.30	32.00
1/17/2023	249.00	343.60
1/18/2023	255.70	413.50
1/19/2023	254.10	386.70
1/20/2023	131.90	161.50
1/21/2023	0.00	461.00
1/22/2023	193.00	456.70
1/23/2023	203.40	456.00
1/24/2023	253.10	444.50
1/25/2023	298.90	150.70
1/26/2023	276.30	318.10
1/27/2023	275.30	438.30
1/28/2023	263.20	429.40
1/29/2023	265.40	448.90
1/30/2023	263.00	458.50
1/31/2023	266.70	450.70
Total	**6,510.26**	**8,754.30**
Avg	**210.01**	**282.40**
Max	**298.90**	**461.00**
Min	**0.00**	**0.00**

Company: ArcosaLightweight LWFP, LLC.
Plant: 17410 Lockwood Valley Rd
City/St: Frazier Park, CA 93225

Production Data - Material Processed

Permit 00036 Condition 9.a. of PO00036PC3

Period Start: 2/1/2023 00:00
Period End: 2/28/2023 23:59

Month: February 2023

Date	Raw Pellets to Kiln (Tons/Day)	
	K3	K4
2/1/2023	242.10	368.70
2/2/2023	266.30	380.40
2/3/2023	273.50	410.30
2/4/2023	196.80	323.30
2/5/2023	298.10	360.60
2/6/2023	304.20	0.00
2/7/2023	315.10	0.00
2/8/2023	331.60	0.00
2/9/2023	66.80	0.00
2/10/2023	0.00	0.00
2/11/2023	0.00	0.00
2/12/2023	0.00	0.00
2/13/2023	27.40	0.00
2/14/2023	0.00	0.00
2/15/2023	127.90	0.00
2/16/2023	318.10	0.00
2/17/2023	105.20	0.00
2/18/2023	0.00	0.00
2/19/2023	277.90	0.00
2/20/2023	234.90	0.00
2/21/2023	244.80	0.00
2/22/2023	259.60	0.00
2/23/2023	251.60	0.00
2/24/2023	263.70	0.00
2/25/2023	273.60	0.00
2/26/2023	235.30	0.00
2/27/2023	91.10	0.00
2/28/2023	0.00	169.50
Total	**5,005.60**	**2,012.80**
Avg	**178.77**	**71.89**
Max	**331.60**	**410.30**
Min	**0.00**	**0.00**

Company: ArcosaLightweight LWFP, LLC.
Plant: 17410 Lockwood Valley Rd
City/St: Frazier Park, CA 93225

Production Data - Material Processed

Permit 00036 Condition 9.a. of PO00036PC3

Period Start: 3/1/2023 00:00
Period End: 3/31/2023 23:59

Month: March 2023

Date	Raw Pellets to Kiln (Tons/Day)	
	K3	K4
3/1/2023	0.00	418.10
3/2/2023	0.00	0.00
3/3/2023	0.00	417.60
3/4/2023	0.00	450.70
3/5/2023	0.00	452.30
3/6/2023	0.00	290.20
3/7/2023	0.00	70.60
3/8/2023	0.00	396.80
3/9/2023	0.00	417.20
3/10/2023	0.00	293.50
3/11/2023	0.00	298.10
3/12/2023	0.00	381.30
3/13/2023	0.00	378.30
3/14/2023	0.00	426.70
3/15/2023	0.00	449.90
3/16/2023	0.00	417.40
3/17/2023	0.00	361.90
3/18/2023	0.00	0.00
3/19/2023	0.00	177.00
3/20/2023	0.00	370.60
3/21/2023	0.00	333.90
3/22/2023	0.00	197.60
3/23/2023	0.00	352.10
3/24/2023	0.00	369.50
3/25/2023	0.00	364.60
3/26/2023	0.00	358.50
3/27/2023	0.00	361.80
3/28/2023	0.00	378.00
3/29/2023	0.00	382.60
3/30/2023	0.00	394.70
3/31/2023	0.00	375.40
Total	**0.00**	**10,336.90**
Avg	**0.00**	**333.45**
Max	**0.00**	**452.30**
Min	**0.00**	**0.00**

Amount of Clay Processed in Kilns
April-22

April Production	Kiln #3 (tons)	Kiln #4 (tons)	Total
4/1/2022	0	243	242
4/2/2022	0	245	245
4/3/2022	0	242	242
4/4/2022	0	235	235
4/5/2022	0	241	241
4/6/2022	101	231	332
4/7/2022	148	228	376
4/8/2022	93	241	334
4/9/2022	187	231	418
4/10/2022	186	241	427
4/11/2022	186	236	422
4/12/2022	187	241	427
4/13/2022	183	190	374
4/14/2022	180	230	410
4/15/2022	12	245	257
4/16/2022	181	246	426
4/17/2022	172	235	407
4/18/2022	152	232	384
4/19/2022	183	0	183
4/20/2022	185	213	398
4/21/2022	181	236	417
4/22/2022	137	241	378
4/23/2022	186	242	428
4/24/2022	177	244	422
4/25/2022	39	251	291
4/26/2022	126	218	344
4/27/2022	118	164	282
4/28/2022	186	16	202
4/29/2022	12	236	248
4/30/2022	99	237	336
Monthly Totals	3,597	6,531	10,128

Month	Tons Processed
May-21	7,195
Jun-21	8,998
Jul-21	8,402
Aug-21	7,355
Sep-21	8,823
Oct-21	7,697
Nov-21	8,140
Dec-21	10,149
Jan-22	6,890
Feb-22	8,277
Mar-22	9,613
Apr-22	10,128
12 Month Rolling Total	101,667

Amount of Clay Processed in Kilns
May-22

May Production	Kiln #3 (tons)	Kiln #4 (tons)	Total
5/1/2022	113	241	354
5/2/2022	99	236	335
5/3/2022	0	245	245
5/4/2022	0	246	246
5/5/2022	0	242	242
5/6/2022	0	236	236
5/7/2022	0	246	246
5/8/2022	0	236	236
5/9/2022	0	236	236
5/10/2022	0	236	236
5/11/2022	183	99	282
5/12/2022	193	237	430
5/13/2022	179	228	407
5/14/2022	174	225	399
5/15/2022	171	233	404
5/16/2022	88	58	146
5/17/2022	59	226	285
5/18/2022	17	231	248
5/19/2022	178	231	409
5/20/2022	182	215	396
5/21/2022	181	234	415
5/22/2022	68	229	297
5/23/2022	32	63	94
5/24/2022	143	26	170
5/25/2022	166	109	276
5/26/2022	192	143	335
5/27/2022	181	240	422
5/28/2022	176	230	406
5/29/2022	180	235	415
5/30/2022	146	233	379
5/31/2022	169	214	383
Monthly Totals	3,270	6,339	9,610

Month	Tons Processed
Jun-21	8,998
Jul-21	8,402
Aug-21	7,355
Sep-21	8,823
Oct-21	7,697
Nov-21	8,140
Dec-21	10,149
Jan-22	6,890
Feb-22	8,277
Mar-22	9,613
Apr-22	10,128
May-22	9,610
12 Month Rolling Total	104,082

Amount of Clay Processed in Kilns
June-20

June Production	Kiln #3 (tons)	Kiln #4 (tons)	Total
6/1/2022	158	207	364
6/2/2022	176	227	404
6/3/2022	148	232	380
6/4/2022	67	240	307
6/5/2022	148	99	246
6/6/2022	177	216	393
6/7/2022	164	206	370
6/8/2022	179	234	413
6/9/2022	67	237	304
6/10/2022	176	230	406
6/11/2022	176	231	407
6/12/2022	63	171	234
6/13/2022	0	162	162
6/14/2022	0	239	239
6/15/2022	179	234	413
6/16/2022	174	237	411
6/17/2022	180	231	411
6/18/2022	176	115	291
6/19/2022	185	119	304
6/20/2022	68	197	265
6/21/2022	65	230	295
6/22/2022	96	239	335
6/23/2022	173	225	398
6/24/2022	173	225	398
6/25/2022	173	125	298
6/26/2022	170	0	170
6/27/2022	173	0	173
6/28/2022	183	0	183
6/29/2022	134	164	298
6/30/2022	136	214	350
Monthly Totals	4,137	5,486	9,622

Month	Tons Processed
Jul-21	8,402
Aug-21	7,355
Sep-21	8,823
Oct-21	7,697
Nov-21	8,140
Dec-21	10,149
Jan-22	6,890
Feb-22	8,277
Mar-22	9,613
Apr-22	10,128
May-22	9,610
Jun-22	9,622
12 Month Rolling Total	104,706

Amount of Clay Processed in Kilns
July-22

July Production	Kiln #3 (tons)	Kiln #4 (tons)	Total
7/1/2022	0	225	225
7/2/2022	0	235	235
7/3/2022	0	237	237
7/4/2022	0	241	241
7/5/2022	0	238	238
7/6/2022	168	46	214
7/7/2022	108	230	338
7/8/2022	176	235	410
7/9/2022	178	239	417
7/10/2022	63	239	302
7/11/2022	15	242	256
7/12/2022	180	204	385
7/13/2022	175	153	328
7/14/2022	181	225	406
7/15/2022	158	227	385
7/16/2022	101	216	317
7/17/2022	138	216	354
7/18/2022	115	216	331
7/19/2022	99	110	209
7/20/2022	0	215	215
7/21/2022	121	211	332
7/22/2022	174	223	397
7/23/2022	171	120	291
7/24/2022	177	0	177
7/25/2022	147	0	147
7/26/2022	182	0	182
7/27/2022	144	136	280
7/28/2022	178	223	401
7/29/2022	173	221	394
7/30/2022	174	216	390
7/31/2022	220	0	220
Monthly Totals	3,716	5,539	9,254

Month	Tons Processed
Aug-20	7,355
Sep-20	8,823
Oct-20	7,697
Nov-20	8,140
Dec-20	10,149
Jan-21	6,890
Feb-21	8,277
Mar-21	9,613
Apr-21	10,128
May-21	9,610
Jun-21	9,622
Jul-21	9,254
12 Month Rolling Total	105,558

Amount of Clay Processed in Kilns
August-22

August Production	Kiln #3 (tons)	Kiln #4 (tons)	Total
8/1/2022	0	219	219
8/2/2022	0	223	223
8/3/2022	0	227	227
8/4/2022	0	229	229
8/5/2022	0	220	220
8/6/2022	0	225	225
8/7/2022	115	227	342
8/8/2022	17	225	241
8/9/2022	0	227	227
8/10/2022	0	225	225
8/11/2022	0	232	232
8/12/2022	0	235	235
8/13/2022	0	222	222
8/14/2022	0	232	232
8/15/2022	0	227	227
8/16/2022	0	227	227
8/17/2022	0	225	225
8/18/2022	0	227	227
8/19/2022	170	225	395
8/20/2022	173	220	394
8/21/2022	157	216	373
8/22/2022	177	202	378
8/23/2022	169	94	263
8/24/2022	181	11	193
8/25/2022	180	0	180
8/26/2022	136	0	136
8/27/2022	183	0	183
8/28/2022	185	0	185
8/29/2022	184	0	184
8/30/2022	185	0	185
8/31/2022	0	0	0
Monthly Totals	2,212	5,042	7,254

Month	Tons Processed
Sep-21	8,823
Oct-21	7,697
Nov-21	8,140
Dec-21	10,149
Jan-22	6,890
Feb-22	8,277
Mar-22	9,613
Apr-22	10,128
May-22	9,610
Jun-22	9,622
Jul-22	9,254
Aug-22	7,254
12 Month Rolling Total	105,457

Amount of Clay Processed in Kilns
September-22

September Production	Kiln #3 (tons)	Kiln #4 (tons)	Total
9/1/2022	21	0	21
9/2/2022	114	169	283
9/3/2022	176	222	398
9/4/2022	180	239	419
9/5/2022	131	174	304
9/6/2022	112	224	336
9/7/2022	0	238	238
9/8/2022	150	246	395
9/9/2022	155	239	394
9/10/2022	184	241	425
9/11/2022	181	244	425
9/12/2022	176	246	422
9/13/2022	166	248	414
9/14/2022	155	235	389
9/15/2022	87	240	327
9/16/2022	98	244	341
9/17/2022	138	197	336
9/18/2022	185	240	425
9/19/2022	183	235	418
9/20/2022	184	245	430
9/21/2022	123	239	362
9/22/2022	0	235	235
9/23/2022	0	234	234
9/24/2022	0	235	235
9/25/2022	0	236	236
9/26/2022	0	235	235
9/27/2022	0	215	215
9/28/2022	0	236	236
9/29/2022	0	232	232
9/30/2022	0	240	240
Monthly Totals	2,899	6,703	9,600

Month	Tons Processed
Oct-21	7,697
Nov-21	8,140
Dec-21	10,149
Jan-22	6,890
Feb-22	8,277
Mar-22	9,613
Apr-22	10,128
May-22	9,610
Jun-22	9,622
Jul-22	9,254
Aug-22	7,254
Sep-22	9,600
12 Month Rolling Total	106,234

Amount of Clay Processed in Kilns
October-22

October Production	Kiln #3 (tons)	Kiln #4 (tons)	Total
10/1/2022	0	239	239
10/2/2022	0	240	240
10/3/2022	0	227	227
10/4/2022	0	225	225
10/5/2022	0	239	239
10/6/2022	0	235	235
10/7/2022	0	235	235
10/8/2022	0	230	230
10/9/2022	0	242	242
10/10/2022	0	234	234
10/11/2022	0	239	239
10/12/2022	0	242	242
10/13/2022	0	89	89
10/14/2022	0	189	189
10/15/2022	0	0	0
10/16/2022	0	104	104
10/17/2022	0	235	235
10/18/2022	0	239	239
10/19/2022	0	235	235
10/20/2022	0	242	242
10/21/2022	0	235	235
10/22/2022	0	204	204
10/23/2022	0	244	244
10/24/2022	78	248	326
10/25/2022	182	246	428
10/26/2022	182	244	427
10/27/2022	184	239	423
10/28/2022	184	244	428
10/29/2022	187	239	426
10/30/2022	185	224	409
10/31/2022	180	236	416
Monthly Totals	1,182	6,527	7,710

Month	Tons Processed
Nov-21	8,140
Dec-21	10,149
Jan-22	6,890
Feb-22	8,277
Mar-22	9,613
Apr-22	10,128
May-22	9,610
Jun-22	9,622
Jul-22	9,254
Aug-22	7,254
Sep-22	9,600
Oct-21	7,710
12 Month Rolling Total	106,247

Amount of Clay Processed in Kilns
November-22

November Production	Kiln #3 (tons)	Kiln #4 (tons)	Total
11/1/2022	184	235	419
11/2/2022	186	237	423
11/3/2022	148	247	395
11/4/2022	180	217	398
11/5/2022	187	211	398
11/6/2022	180	218	398
11/7/2022	46	224	270
11/8/2022	0	0	0
11/9/2022	114	0	114
11/10/2022	131	215	346
11/11/2022	108	233	341
11/12/2022	182	230	412
11/13/2022	184	235	378
11/14/2022	37	236	274
11/15/2022	160	225	385
11/16/2022	184	239	423
11/17/2022	182	235	417
11/18/2022	186	236	422
11/19/2022	187	240	427
11/20/2022	125	163	287
11/21/2022	26	206	232
11/22/2022	0	248	248
11/23/2022	0	77	77
11/24/2022	0	244	244
11/25/2022	0	242	242
11/26/2022	0	234	234
11/27/2022	0	235	235
11/28/2022	0	235	235
11/29/2022	0	241	241
11/30/2022	0	217	217
Monthly Totals	2,917	6,255	9,132

Month	Tons Processed
Dec-21	10,149
Jan-22	6,890
Feb-22	8,277
Mar-22	9,613
Apr-22	10,128
May-22	9,610
Jun-22	9,622
Jul-22	9,254
Aug-22	7,254
Sep-22	9,600
Oct-22	7,710
Nov-22	9,132
12 Month Rolling Total	107,239

Amount of Clay Processed in Kilns
December-22

December Production	Kiln #3 (tons)	Kiln #4 (tons)	Total
12/1/2022	0	249	249
12/2/2022	0	244	244
12/3/2022	0	242	242
12/4/2022	0	243	243
12/5/2022	0	244	244
12/6/2022	0	244	244
12/7/2022	0	248	248
12/8/2022	0	241	241
12/9/2022	0	248	248
12/10/2022	0	254	254
12/11/2022	0	253	253
12/12/2022	0	253	253
12/13/2022	0	254	254
12/14/2022	0	250	250
12/15/2022	0	251	251
12/16/2022	0	244	244
12/17/2022	0	243	243
12/18/2022	0	245	245
12/19/2022	0	248	248
12/20/2022	0	244	244
12/21/2022	0	198	198
12/22/2022	0	249	249
12/23/2022	0	252	252
12/24/2022	0	248	248
12/25/2022	0	244	244
12/26/2022	0	242	242
12/27/2022	0	200	200
12/28/2022	0	243	243
12/29/2022	176	239	415
12/30/2022	181	239	420
12/31/2022	187	239	426
Monthly Totals	**544**	**7,286**	**7,830**

Month	Tons Processed
Jan-22	6,890
Feb-22	8,277
Mar-22	9,613
Apr-22	10,128
May-22	9,610
Jun-22	9,622
Jul-22	9,254
Aug-22	7,254
Sep-22	9,600
Oct-22	7,710
Nov-22	9,132
Dec-22	7,830
12 Month Rolling Total	104,920

Amount of Clay Processed in Kilns
January-23

Janruary Production	Kiln #3 (tons)	Kiln #4 (tons)	Total
1/1/2023	486	620	1106
1/2/2023	488	619	1107
1/3/2023	485	620	1105
1/4/2023	486	621	1107
1/5/2023	486	608	1094
1/6/2023	98	265	363
1/7/2023	0	629	629
1/8/2023	414	193	607
1/9/2023	505	0	505
1/10/2023	504	0	504
1/11/2023	519	0	519
1/12/2023	493	0	493
1/13/2023	299	0	299
1/14/2023	480	0	480
1/15/2023	509	97	606
1/16/2023	505	108	613
1/17/2023	486	629	1115
1/18/2023	500	616	1116
1/19/2023	491	567	1058
1/20/2023	171	270	441
1/21/2023	0	624	624
1/22/2023	489	608	1097
1/23/2023	386	610	996
1/24/2023	429	594	1023
1/25/2023	491	245	736
1/26/2023	499	476	975
1/27/2023	612	491	1103
1/28/2023	503	612	1115
1/29/2023	499	612	1111
1/30/2023	499	603	1102
1/31/2023	499	595	1094
Monthly Totals	**13,311**	**12,532**	**25,843**

Month	Tons Processed
Feb-22	8,277
Mar-22	9,613
Apr-22	10,128
May-22	9,610
Jun-22	9,622
Jul-22	9,254
Aug-22	7,254
Sep-22	9,600
Oct-22	7,710
Nov-22	9,132
Dec-22	7,830
Jan-23	25,843
12 Month Rolling Total	123,873

Amount of Clay Processed in Kilns
February-23

February Production	Kiln #3 (tons)	Kiln #4 (tons)	Total
2/1/2023	198	195	393
2/2/2023	0	0	0
2/3/2023	193	235	428
2/4/2023	135	188	323
2/5/2023	193	228	421
2/6/2023	190	0	190
2/7/2023	195	0	195
2/8/2023	193	0	193
2/9/2023	96	0	96
2/10/2023	0	0	0
2/11/2023	0	0	0
2/12/2023	0	0	0
2/13/2023	223	0	223
2/14/2023	0	0	0
2/15/2023	229	0	229
2/16/2023	485	0	485
2/17/2023	166	0	166
2/18/2023	0	0	0
2/19/2023	441	0	441
2/20/2023	435	0	435
2/21/2023	510	0	510
2/22/2023	524	0	524
2/23/2023	540	0	540
2/24/2023	543	0	543
2/25/2023	540	0	540
2/26/2023	542	0	542
2/27/2023	407	0	407
2/28/2023	378	0	378
Monthly Totals	**7,356**	**846**	**8,202**

Month	Tons Processed
Mar-22	9,613
Apr-22	10,128
May-22	9,610
Jun-22	9,622
Jul-22	9,254
Aug-22	7,254
Sep-22	9,600
Oct-22	7,710
Nov-22	9,132
Dec-22	7,830
Jan-23	25,843
Feb-23	8,202
12 Month Rolling Total	123,798

Amount of Clay Processed in Kilns
March-23

March Production	Kiln #3 (tons)	Kiln #4 (tons)	Total
3/1/2023	0	626	626
3/2/2023	0	583	583
3/3/2023	0	597	597
3/4/2023	0	606	606
3/5/2023	0	595	595
3/6/2023	0	421	421
3/7/2023	0	195	195
3/8/2023	0	591	591
3/9/2023	0	581	581
3/10/2023	0	466	466
3/11/2023	0	505	505
3/12/2023	0	552	552
3/13/2023	0	562	562
3/14/2023	0	588	588
3/15/2023	0	627	627
3/16/2023	0	642	642
3/17/2023	0	622	622
3/18/2023	0	0	0
3/19/2023	0	324	324
3/20/2023	0	632	632
3/21/2023	0	633	633
3/22/2023	0	538	538
3/23/2023	0	633	633
3/24/2023	0	611	611
3/25/2023	0	620	620
3/26/2023	0	636	636
3/27/2023	0	618	618
3/28/2023	0	637	637
3/29/2023	0	620	620
3/30/2023	0	608	608
3/31/2023	0	618	618
Monthly Totals	-	**17,087**	**17,087**

Month	Tons Processed
Apr-22	10,128
May-22	9,610
Jun-22	9,622
Jul-22	9,254
Aug-22	7,254
Sep-22	9,600
Oct-22	7,710
Nov-22	9,132
Dec-22	7,830
Jan-23	25,843
Feb-23	8,202
Mar-23	17,087
12 Month Rolling Total	131,272

APPENDIX B

PO0036PC2 Condition #1

Natural Gas Consumption

Daily & Monthly Natural Gas Usage
April-22

Oct Production	Kiln #3 MCF	Kiln #4 MCF	Main Gas
4/1/2022	0	816	816
4/2/2022	0	801	801
4/3/2022	0	695	695
4/4/2022	0	667	667
4/5/2022	90	1064	1154
4/6/2022	467	792	1259
4/7/2022	795	761	1556
4/8/2022	543	806	1349
4/9/2022	812	804	1616
4/10/2022	825	779	1604
4/11/2022	856	793	1649
4/12/2022	835	784	1619
4/13/2022	570	541	1111
4/14/2022	759	880	1639
4/15/2022	194	802	996
4/16/2022	528	547	1075
4/17/2022	897	886	1783
4/18/2022	883	873	1756
4/19/2022	697	714	1411
4/20/2022	803	744	1547
4/21/2022	806	792	1598
4/22/2022	672	794	1466
4/23/2022	827	792	1619
4/24/2022	800	804	1604
4/25/2022	368	816	1184
4/26/2022	634	744	1378
4/27/2022	512	567	1079
4/28/2022	551	58	610
4/29/2022	325	816	1141
4/30/2022	619	843	1462
Monthly Totals	16,668	22,575	39,244

Month	K-3 Monthly	K-4 Monthly	Month Total MCF
May-21	0	24,717	24,717
Jun-21	17,444	22,908	40,352
Jul-21	18,633	19,899	38,532
Aug-21	7,093	21,713	28,806
Sep-21	13,639	24,230	37,869
Oct-21	8,500	22,159	30,659
Nov-21	8,825	24,278	33,103
Dec-21	16,355	22,036	38,391
Jan-22	2,863	23,702	26,565
Feb-22	14,691	18,159	32,850
Mar-22	15,653	21,656	37,309
Apr-22	16,668	22,575	39,244
12 Month Rolling Total	140,364	268,032	408,397

Daily & Monthly Natural Gas Usage
May-22

Oct Production	Kiln #3 MCF	Kiln #4 MCF	Main Gas
5/1/2022	710	838	1548
5/2/2022	597	879	1476
5/3/2022	0	635	635
5/4/2022	0	1100	1100
5/5/2022	0	802	802
5/6/2022	0	524	524
5/7/2022	0	816	816
5/8/2022	0	1019	1019
5/9/2022	0	718	718
5/10/2022	262	788	1050
5/11/2022	687	367	1054
5/12/2022	897	833	1730
5/13/2022	818	816	1634
5/14/2022	758	859	1617
5/15/2022	771	806	1577
5/16/2022	558	329	887
5/17/2022	297	825	1122
5/18/2022	100	851	951
5/19/2022	785	841	1626
5/20/2022	779	766	1545
5/21/2022	786	788	1574
5/22/2022	314	789	1103
5/23/2022	238	246	484
5/24/2022	663	167	830
5/25/2022	713	334	1047
5/26/2022	786	410	1196
5/27/2022	762	858	1620
5/28/2022	755	846	1601
5/29/2022	795	856	1651
5/30/2022	673	849	1522
5/31/2022	737	764	1501
Monthly Totals	15,241	22,319	37,560

Month	K-3 Monthly	K-4 Monthly	Month Total MCF
Jun-21	17,444	22,908	40,352
Jul-21	18,633	19,899	38,532
Aug-21	7,093	21,713	28,806
Sep-21	13,639	24,230	37,869
Oct-21	8,500	22,159	30,659
Nov-21	8,825	24,278	33,103
Dec-21	16,355	22,036	38,391
Jan-22	2,863	23,702	26,565
Feb-22	14,691	18,159	32,850
Mar-22	15,653	21,656	37,309
Apr-22	16,668	22,575	39,244
May-22	15,241	22,319	37,560
12 Month Rolling Total	155,605	265,634	421,240

Daily & Monthly Natural Gas Usage
June-22

Oct Production	Kiln #3 MCF	Kiln #4 MCF	Main Gas
6/1/2022	713	728	1441
6/2/2022	768	849	1617
6/3/2022	669	838	1507
6/4/2022	467	865	1332
6/5/2022	640	512	1152
6/6/2022	822	818	1640
6/7/2022	692	768	1460
6/8/2022	824	899	1723
6/9/2022	205	890	1095
6/10/2022	925	887	1812
6/11/2022	806	757	1563
6/12/2022	272	662	934
6/13/2022	0	581	581
6/14/2022	18	942	960
6/15/2022	740	832	1572
6/16/2022	727	861	1588
6/17/2022	747	830	1577
6/18/2022	772	517	1289
6/19/2022	795	515	1310
6/20/2022	469	754	1223
6/21/2022	358	838	1196
6/22/2022	516	861	1377
6/23/2022	676	841	1517
6/24/2022	735	825	1560
6/25/2022	738	488	1226
6/26/2022	727	0	727
6/27/2022	754	0	754
6/28/2022	778	49	827
6/29/2022	591	585	1176
6/30/2022	607	765	1372
Monthly Totals	18,551	20,557	39,108

Month	K-3 Monthly	K-4 Monthly	Month Total MCF
Jul-21	18,633	19,899	38,532
Aug-21	7,093	21,713	28,806
Sep-21	13,639	24,230	37,869
Oct-21	8,500	22,159	30,659
Nov-21	8,825	24,278	33,103
Dec-21	16,355	22,036	38,391
Jan-22	2,863	23,702	26,565
Feb-22	14,691	18,159	32,850
Mar-22	15,653	21,656	37,309
Apr-22	16,668	22,575	39,244
May-22	15,241	22,319	37,560
Jun-22	18,551	20,557	39,108
12 Month Rolling Total	156,712	263,283	419,996

Daily & Monthly Natural Gas Usage
July-22

Oct Production	Kiln #3 MCF	Kiln #4 MCF	Main Gas
7/1/2022	0	861	861
7/2/2022	0	869	869
7/3/2022	0	852	852
7/4/2022	0	868	868
7/5/2022	102	868	970
7/6/2022	751	261	1012
7/7/2022	556	847	1403
7/8/2022	754	877	1631
7/9/2022	755	879	1634
7/10/2022	483	881	1364
7/11/2022	164	856	1020
7/12/2022	762	742	1504
7/13/2022	774	711	1485
7/14/2022	766	727	1493
7/15/2022	688	812	1500
7/16/2022	536	803	1339
7/17/2022	624	791	1415
7/18/2022	450	792	1242
7/19/2022	508	498	1006
7/20/2022	223	792	1015
7/21/2022	439	778	1217
7/22/2022	743	802	1545
7/23/2022	728	445	1173
7/24/2022	757	0	757
7/25/2022	697	0	697
7/26/2022	828	0	828
7/27/2022	602	594	1196
7/28/2022	767	850	1617
7/29/2022	736	817	1553
7/30/2022	750	814	1564
7/31/2022	18	792	810
Monthly Totals	15,961	21,479	37,440

Month	K-3 Monthly	K-4 Monthly	Month Total MCF
Aug-21	7,093	21,713	28,806
Sep-21	13,639	24,230	37,869
Oct-21	8,500	22,159	30,659
Nov-21	8,825	24,278	33,103
Dec-21	16,355	22,036	38,391
Jan-22	2,863	23,702	26,565
Feb-22	14,691	18,159	32,850
Mar-22	15,653	21,656	37,309
Apr-22	16,668	22,575	39,244
May-22	15,241	22,319	37,560
Jun-22	18,551	20,557	39,108
Jul-22	15,961	21,479	37,440
12 Month Rolling Total	154,040	264,863	418,904

Daily & Monthly Natural Gas Usage
August-22

Oct Production	Kiln #3 MCF	Kiln #4 MCF	Main Gas
8/1/2022	0	772	772
8/2/2022	0	823	823
8/3/2022	0	818	818
8/4/2022	0	825	825
8/5/2022	0	848	848
8/6/2022	0	826	826
8/7/2022	0	832	832
8/8/2022	532	819	1351
8/9/2022	106	825	931
8/10/2022	0	816	816
8/11/2022	0	792	792
8/12/2022	0	828	828
8/13/2022	0	839	839
8/14/2022	0	838	838
8/15/2022	0	776	776
8/16/2022	0	799	799
8/17/2022	0	826	826
8/18/2022	0	811	811
8/19/2022	72	848	920
8/20/2022	699	833	1532
8/21/2022	714	826	1540
8/22/2022	667	775	1442
8/23/2022	714	762	1476
8/24/2022	714	383	1097
8/25/2022	762	33	795
8/26/2022	766	0	766
8/27/2022	643	0	643
8/28/2022	772	0	772
8/29/2022	778	0	778
8/30/2022	771	0	771
8/31/2022	769	0	769
Monthly Totals	9,479	19,173	28,652

Month	K-3 Monthly	K-4 Monthly	Month Total MCF
Sep-21	13,639	24,230	37,869
Oct-21	8,500	22,159	30,659
Nov-21	8,825	24,278	33,103
Dec-21	16,355	22,036	38,391
Jan-22	2,863	23,702	26,565
Feb-22	14,691	18,159	32,850
Mar-22	15,653	21,656	37,309
Apr-22	16,668	22,575	39,244
May-22	15,241	22,319	37,560
Jun-22	18,551	20,557	39,108
Jul-22	15,961	21,479	37,440
Aug-22	9,479	19,173	28,652
12 Month Rolling Total	156,426	262,323	418,750

Daily & Monthly Natural Gas Useage
September-22

Oct Production	Kiln #3 MCF	Kiln #4 MCF	Main Gas
9/1/2022	172	57	229
9/2/2022	517	663	1180
9/3/2022	711	812	1523
9/4/2022	703	878	1581
9/5/2022	542	656	1198
9/6/2022	465	690	1155
9/7/2022	101	1009	1110
9/8/2022	598	753	1351
9/9/2022	719	987	1706
9/10/2022	726	856	1582
9/11/2022	724	868	1592
9/12/2022	713	858	1571
9/13/2022	707	851	1558
9/14/2022	672	813	1485
9/15/2022	484	833	1317
9/16/2022	533	843	1376
9/17/2022	622	700	1322
9/18/2022	775	809	1584
9/19/2022	768	825	1593
9/20/2022	789	841	1630
9/21/2022	517	815	1332
9/22/2022	0	824	824
9/23/2022	0	798	798
9/24/2022	0	831	831
9/25/2022	0	817	817
9/26/2022	0	814	814
9/27/2022	0	767	767
9/28/2022	0	827	827
9/29/2022	0	822	822
9/30/2022	0	834	834
Monthly Totals	12,558	23,751	36,309

Month	K-3 Monthly	K-4 Monthly	Month Total MCF
Oct-21	8,500	22,159	30,659
Nov-21	8,825	24,278	33,103
Dec-21	16,355	22,036	38,391
Jan-22	2,863	23,702	26,565
Feb-22	14,691	18,159	32,850
Mar-22	15,653	21,656	37,309
Apr-22	16,668	22,575	39,244
May-22	15,241	22,319	37,560
Jun-22	18,551	20,557	39,108
Jul-22	15,961	21,479	37,440
Aug-22	9,479	19,173	28,652
Sep-22	12,558	23,751	36,309
12 Month Rolling Total	155,345	261,844	417,190

Daily & Monthly Natural Gas Useage
October-22

Oct Production	Kiln #3 MCF	Kiln #4 MCF	Main Gas
10/1/2022	0	840	840
10/2/2022	0	838	838
10/3/2022	0	794	794
10/4/2022	0	826	826
10/5/2022	0	845	845
10/6/2022	0	842	842
10/7/2022	0	843	843
10/8/2022	0	829	829
10/9/2022	0	832	832
10/10/2022	0	835	835
10/11/2022	0	823	823
10/12/2022	0	816	816
10/13/2022	0	512	512
10/14/2022	0	788	788
10/15/2022	0	0	0
10/16/2022	0	314	314
10/17/2022	0	824	824
10/18/2022	0	810	810
10/19/2022	0	805	805
10/20/2022	0	524	524
10/21/2022	0	790	790
10/22/2022	0	603	603
10/23/2022	0	886	886
10/24/2022	484	792	1276
10/25/2022	798	814	1612
10/26/2022	800	833	1633
10/27/2022	794	811	1605
10/28/2022	811	804	1615
10/29/2022	813	800	1613
10/30/2022	813	796	1609
10/31/2022	791	800	1591
Monthly Totals	5,313	22,469	27,782

Month	K-3 Monthly	K-4 Monthly	Month Total MCF
Nov-21	8,825	24,278	33,103
Dec-21	16,355	22,036	38,391
Jan-22	2,863	23,702	26,565
Feb-22	14,691	18,159	32,850
Mar-22	15,653	21,656	37,309
Apr-22	16,668	22,575	39,244
May-22	15,241	22,319	37,560
Jun-22	18,551	20,557	39,108
Jul-22	15,961	21,479	37,440
Aug-22	9,479	19,173	28,652
Sep-22	12,558	23,751	36,309
Oct-22	5,313	22,469	27,782
12 Month Rolling Total	152,158	262,154	414,313

Daily & Monthly Natural Gas Useage
November-22

Nov Production	Kiln #3 MCF	Kiln #4 MCF	Main Gas
11/1/2022	785	784	1569
11/2/2022	646	820	1466
11/3/2022	707	802	1509
11/4/2022	822	822	1644
11/5/2022	792	802	1594
11/6/2022	825	836	1661
11/7/2022	262	756	1018
11/8/2022	0	0	0
11/9/2022	696	0	696
11/10/2022	604	791	1395
11/11/2022	581	765	1346
11/12/2022	767	731	1498
11/13/2022	614	749	1363
11/14/2022	306	717	1023
11/15/2022	730	699	1429
11/16/2022	775	752	1527
11/17/2022	768	731	1499
11/18/2022	783	759	1542
11/19/2022	785	751	1536
11/20/2022	529	507	1036
11/21/2022	270	670	940
11/22/2022	0	757	757
11/23/2022	0	303	303
11/24/2022	0	755	755
11/25/2022	0	725	725
11/26/2022	0	685	685
11/27/2022	0	726	726
11/28/2022	0	744	744
11/29/2022	0	779	779
11/30/2022	0	731	731
Monthly Totals	13,047	20,449	33,496

Month	K-3 Monthly	K-4 Monthly	Month Total MCF
Dec-21	16,355	22,036	38,391
Jan-22	2,863	23,702	26,565
Feb-22	14,691	18,159	32,850
Mar-22	15,653	21,656	37,309
Apr-22	16,668	22,575	39,244
May-22	15,241	22,319	37,560
Jun-22	18,551	20,557	39,108
Jul-22	15,961	21,479	37,440
Aug-22	9,479	19,173	28,652
Sep-22	12,558	23,751	36,309
Oct-22	13,047	20,449	27,782
Nov-22	2,403	22,054	33,496
12 Month Rolling Total	153,470	257,910	414,706

Daily & Monthly Natural Gas Useage
December-22

Dec Production	Kiln #3 MCF	Kiln #4 MCF	Main Gas
12/1/2022	0	739	739
12/2/2022	0	754	754
12/3/2022	0	751	751
12/4/2022	0	728	728
12/5/2022	0	738	738
12/6/2022	0	755	755
12/7/2022	0	743	743
12/8/2022	0	753	753
12/9/2022	0	750	750
12/10/2022	0	728	728
12/11/2022	0	756	756
12/12/2022	0	759	759
12/13/2022	0	740	740
12/14/2022	0	783	783
12/15/2022	0	765	765
12/16/2022	0	767	767
12/17/2022	0	743	743
12/18/2022	0	784	784
12/19/2022	0	775	775
12/20/2022	0	753	753
12/21/2022	0	632	632
12/22/2022	0	764	764
12/23/2022	0	745	745
12/24/2022	0	733	733
12/25/2022	0	693	693
12/26/2022	0	703	703
12/27/2022	0	651	651
12/28/2022	139	685	824
12/29/2022	746	702	1448
12/30/2022	750	710	1460
12/31/2022	768	711	1479
Monthly Totals	**2,403**	**22,054**	**24,457**

Month	K-3 Monthly	K-4 Monthly	Month Total MCF
Jan-22	2,863	23,702	26,565
Feb-22	14,691	18,159	32,850
Mar-22	15,653	21,656	37,309
Apr-22	16,668	22,575	39,244
May-22	15,241	22,319	37,560
Jun-22	18,551	20,557	39,108
Jul-22	15,961	21,479	37,440
Aug-22	9,479	19,173	28,652
Sep-22	12,558	23,751	36,309
Oct-22	5,313	22,469	27,782
Nov-22	13,047	20,449	33,496
Dec-22	2,403	22,054	24,457
12 Month Rolling Total	142,428	258,343	400,772

Daily & Monthly Natural Gas Useage
January-23

Jan Production	Kiln #3 MCF	Kiln #4 MCF	Main Gas
1/1/2023	813	713	1526
1/2/2023	806	735	1541
1/3/2023	787	721	1508
1/4/2023	782	706	1488
1/5/2023	784	717	1501
1/6/2023	183	380	563
1/7/2023	91	752	843
1/8/2023	632	253	885
1/9/2023	735	0	735
1/10/2023	775	0	775
1/11/2023	759	26	785
1/12/2023	725	151	876
1/13/2023	632	0	632
1/14/2023	752	0	752
1/15/2023	790	325	1115
1/16/2023	772	153	925
1/17/2023	809	699	1508
1/18/2023	806	696	1502
1/19/2023	776	624	1400
1/20/2023	439	368	807
1/21/2023	70	708	778
1/22/2023	682	669	1351
1/23/2023	675	685	1360
1/24/2023	717	691	1408
1/25/2023	795	341	1136
1/26/2023	777	594	1371
1/27/2023	801	693	1494
1/28/2023	777	709	1486
1/29/2023	803	692	1495
1/30/2023	812	687	1499
1/31/2023	811	689	1500
Monthly Totals	**21,368**	**15,177**	**36,545**

Month	K-3 Monthly	K-4 Monthly	Month Total MCF
Feb-22	14,691	18,159	32,850
Mar-22	15,653	21,656	37,309
Apr-22	16,668	22,575	39,244
May-22	15,241	22,319	37,560
Jun-22	18,551	20,557	39,108
Jul-22	15,961	21,479	37,440
Aug-22	9,479	19,173	28,652
Sep-22	12,558	23,751	36,309
Oct-22	5,313	22,469	27,782
Nov-22	13,047	20,449	33,496
Dec-22	2,403	22,054	24,457
Jan-23	21,368	15,177	36,545
12 Month Rolling Total	160,933	249,818	410,752

Daily & Monthly Natural Gas Useage
February-23

Feb Production	Kiln #3 MCF	Kiln #4 MCF	Main Gas
2/1/2023	809	644	1453
2/2/2023	0	0	0
2/3/2023	805	701	1506
2/4/2023	624	582	1206
2/5/2023	700	783	1483
2/6/2023	785	0	785
2/7/2023	777	0	777
2/8/2023	804	0	804
2/9/2023	311	0	311
2/10/2023	68	0	68
2/11/2023	47	0	47
2/12/2023	56	0	56
2/13/2023	697	0	697
2/14/2023	2	0	2
2/15/2023	406	0	406
2/16/2023	673	0	673
2/17/2023	277	0	277
2/18/2023	58	0	58
2/19/2023	565	0	565
2/20/2023	534	0	534
2/21/2023	0	0	0
2/22/2023	0	0	0
2/23/2023	0	0	0
2/24/2023	642	0	642
2/25/2023	619	0	619
2/26/2023	616	0	616
2/27/2023	542	0	542
2/28/2023	442	0	442
Monthly Totals	**11,859**	**2,710**	**14,569**

Month	K-3 Monthly	K-4 Monthly	Month Total MCF
Mar-22	15,653	21,656	37,309
Apr-22	16,668	22,575	39,244
May-22	15,241	22,319	37,560
Jun-22	18,551	20,557	39,108
Jul-22	15,961	21,479	37,440
Aug-22	9,479	19,173	28,652
Sep-22	12,558	23,751	36,309
Oct-22	5,313	22,469	27,782
Nov-22	13,047	20,449	33,496
Dec-22	2,403	22,054	24,457
Jan-23	21,368	15,177	36,545
Feb-23	11,859	2,710	14,569
12 Month Rolling Total	158,101	234,369	392,471

Daily & Monthly Natural Gas Usage
March-23

Mar Production	Kiln #3 MCF	Kiln #4 MCF	Main Gas
3/1/2023	0	719	719
3/2/2023	0	680	680
3/3/2023	0	698	698
3/4/2023	0	695	695
3/5/2023	0	687	687
3/6/2023	0	487	487
3/7/2023	0	285	285
3/8/2023	0	658	658
3/9/2023	0	652	652
3/10/2023	0	562	562
3/11/2023	0	595	595
3/12/2023	0	637	637
3/13/2023	0	667	667
3/14/2023	0	709	709
3/15/2023	0	768	768
3/16/2023	0	759	759
3/17/2023	0	737	737
3/18/2023	0	0	0
3/19/2023	0	515	515
3/20/2023	0	789	789
3/21/2023	0	755	755
3/22/2023	0	538	538
3/23/2023	0	747	747
3/24/2023	0	758	758
3/25/2023	0	731	731
3/26/2023	0	741	741
3/27/2023	0	721	721
3/28/2023	0	693	693
3/29/2023	0	681	681
3/30/2023	0	686	686
3/31/2023	0	676	676
Monthly Totals	-	20,026	20,026

Month	K-3 Monthly	K-4 Monthly	Month Total MCF
Apr-22	16,668	22,575	39,244
May-22	15,241	22,319	37,560
Jun-22	18,551	20,557	39,108
Jul-22	15,691	21,479	37,440
Aug-22	9,479	19,173	28,652
Sep-22	12,558	23,751	36,309
Oct-22	5,313	22,469	27,782
Nov-22	13,047	20,449	33,496
Dec-22	2,403	22,054	24,457
Jan-23	21,368	15,177	36,545
Feb-23	11,859	2,710	14,569
Mar-23	0	20,026	20,026
12 Month Rolling Total	142,178	232,739	375,188

APPENDIX C

PO00036PC5 Condition #5 and #6

Bio-diesel Supply and Delivery Data

ARCOSA Lightweight: LWFP, LLC - Frazier Park Facility

Permit: 00036 Amount of Bio-Diesel Used in the Extrusion Process

April - September 2022 Semi Annual Report

April			May			June			July			August			September			Apr - Sept 2022 Monthly Totals
Date	Bio - Diesel Rate	Diesel Gallons	Date	Bio - Diesel Rate	Diesel Gallons	Date	Bio - Diesel Rate	Diesel Gallons	Date	Bio - Diesel Rate	Diesel Gallons	Date	Bio - Diesel Rate	Diesel Gallons	Date	Bio - Diesel Rate	Diesel Gallons	
4/1/2022	0.30	158.40	5/1/2022	0.35	189.30	6/1/2022	0.38	242.17	7/1/2022	0.34	141.15	8/1/22	0.43	229.29	9/1/22	0.00	0.00	
4/2/2022	0.32	132.83	5/2/2022	0.32	198.48	6/2/2022	0.23	100.81	7/2/2022	0.32	135.83	8/2/22	0.30	96.20	9/2/22	0.34	80.30	
4/3/2022	0.31	156.33	5/3/2022	0.31	160.42	6/3/2022	0.31	206.51	7/3/2022	0.30	129.64	8/3/22	0.23	138.82	9/3/22	0.29	213.50	
4/4/2022	0.30	142.66	5/4/2022	0.33	149.36	6/4/2022	0.30	232.28	7/4/2022	0.29	145.51	8/4/22	0.25	129.20	9/4/22	0.30	278.98	
4/5/2022	0.34	162.53	5/5/2022	0.28	133.35	6/5/2022	0.25	134.43	7/5/2022	0.29	101.66	8/5/22	0.22	99.00	9/5/22	0.33	180.73	
4/6/2022	0.31	215.70	5/6/2022	0.30	143.79	6/6/2022	0.32	211.41	7/6/2022	0.28	190.83	8/6/22	0.31	133.62	9/6/22	0.30	217.81	
4/7/2022	0.31	234.76	5/7/2022	0.31	157.93	6/7/2022	0.31	221.28	7/7/2022	0.29	224.09	8/7/22	0.29	171.78	9/7/22	0.31	180.21	
4/8/2022	0.31	268.09	5/8/2022	0.30	145.07	6/8/2022	0.31	251.93	7/8/2022	0.28	214.72	8/8/22	0.27	116.47	9/8/22	0.36	280.38	
4/9/2022	0.32	250.08	5/9/2022	0.31	150.91	6/9/2022	0.30	206.23	7/9/2022	0.30	212.69	8/9/22	0.32	193.56	9/9/22	0.31	212.53	
4/10/2022	0.31	255.59	5/10/2022	0.31	140.72	6/10/2022	0.28	255.38	7/10/2022	0.19	126.94	8/10/22	0.30	134.84	9/10/22	0.30	299.11	
4/11/2022	0.31	233.49	5/11/2022	0.35	285.19	6/11/2022	0.29	227.99	7/11/2022	0.30	217.41	8/11/22	0.31	120.22	9/11/22	0.30	287.97	
4/12/2022	0.31	230.70	5/12/2022	0.31	240.12	6/12/2022	0.26	130.67	7/12/2022	0.30	189.53	8/12/22	0.29	41.30	9/12/22	0.30	211.96	
4/13/2022	0.28	227.24	5/13/2022	0.30	254.32	6/13/2022	0.28	188.85	7/13/2022	0.29	112.51	8/13/22	0.30	234.24	9/13/22	0.30	262.49	
4/14/2022	0.31	233.18	5/14/2022	0.28	248.25	6/14/2022	0.29	361.65	7/14/2022	0.29	263.95	8/14/22	0.23	117.11	9/14/22	0.31	229.55	
4/15/2022	0.30	202.05	5/15/2022	0.32	175.96	6/15/2022	0.28	98.31	7/15/2022	0.30	183.70	8/15/22	0.26	137.92	9/15/22	0.33	327.09	
4/16/2022	0.30	264.83	5/16/2022	0.31	204.97	6/16/2022	0.28	219.10	7/16/2022	0.30	307.13	8/16/22	0.33	121.45	9/16/22	0.27	165.63	
4/17/2022	0.30	243.91	5/17/2022	0.26	129.48	6/17/2022	0.29	218.82	7/17/2022	0.30	224.10	8/17/22	0.30	179.45	9/17/22	0.29	253.04	
4/18/2022	0.31	205.58	5/18/2022	0.33	177.72	6/18/2022	0.20	181.92	7/18/2022	0.28	94.98	8/18/22	0.29	166.03	9/18/22	0.29	246.90	
4/19/2022	0.31	178.44	5/19/2022	0.32	251.60	6/19/2022	0.29	148.32	7/19/2022	0.30	162.18	8/19/22	0.31	85.56	9/19/22	0.28	208.17	
4/20/2022	0.31	228.77	5/20/2022	0.39	327.01	6/20/2022	0.30	196.04	7/20/2022	0.30	196.01	8/20/22	0.33	272.45	9/20/22	0.28	194.26	
4/21/2022	0.30	194.18	5/21/2022	0.29	234.89	6/21/2022	0.30	210.69	7/21/2022	0.30	236.86	8/21/22	0.29	237.39	9/21/22	0.27	196.52	
4/22/2022	0.28	230.55	5/22/2022	0.31	182.84	6/22/2022	0.27	213.82	7/22/2022	0.30	238.08	8/22/22	0.32	317.25	9/22/22	0.27	130.78	
4/23/2022	0.31	253.96	5/23/2022	0.31	76.20	6/23/2022	0.28	223.80	7/23/2022	0.30	118.28	8/23/22	0.30	237.14	9/23/22	0.28	193.73	
4/24/2022	0.32	252.14	5/24/2022	0.27	180.85	6/24/2022	0.28	194.43	7/24/2022	0.29	111.42	8/24/22	0.33	154.35	9/24/22	0.26	132.96	
4/25/2022	0.37	267.01	5/25/2022	0.30	101.89	6/25/2022	0.29	171.67	7/25/2022	0.29	91.88	8/25/22	0.31	119.57	9/25/22	0.26	120.01	
4/26/2022	0.36	200.00	5/26/2022	0.32	247.79	6/26/2022	0.29	106.58	7/26/2022	0.30	60.44	8/26/22	0.30	104.60	9/26/22	0.27	96.86	
4/27/2022	0.41	242.60	5/27/2022	0.31	197.19	6/27/2022	0.29	115.65	7/27/2022	0.29	268.31	8/27/22	0.30	101.02	9/27/22	0.29	102.58	
4/28/2022	0.31	169.87	5/28/2022	0.29	224.46	6/28/2022	0.29	119.47	7/28/2022	0.29	227.76	8/28/22	0.30	118.20	9/28/22	0.29	134.28	
4/29/2022	0.30	164.28	5/29/2022	0.28	217.46	6/29/2022	0.29	167.18	7/29/2022	0.30	271.34	8/29/22	0.30	117.24	9/29/22	0.26	103.75	
4/30/2022	0.32	206.27	5/30/2022	0.30	251.87	6/30/2022	0.30	1697.99	7/30/2022	0.29	118.44	8/30/22	0.31	70.63	9/30/22	0.26	192.84	
			5/31/2022	0.26	209.82				7/31/2022	0.29	135.29	8/31/22	0.32	132.20				
TOTAL		6,406.02	TOTAL		5,989.21	TOTAL		7,255.38	TOTAL		5,452.66	TOTAL		4,628.10	TOTAL		5,734.92	35,466.28
AVG	0.31	213.53	AVG	0.31	193.20	AVG	0.29	241.85	AVG	0.29	175.89	AVG	0.30	149.29	AVG	0.28	191.16	
MIN	0.28	132.83	MIN	0.26	76.20	MIN	0.20	98.31	MIN	0.19	60.44	MIN	0.22	41.30	MIN	0.00	0.00	
MAX	0.41	268.09	MAX	0.39	327.01	MAX	0.38	1697.99	MAX	0.34	307.13	MAX	0.43	317.25	MAX	0.36	327.09	

ARCOSA Lightweight: LWFP, LLC - Frazier Park Facility

Permit: 00036 Amount of Bio-Diesel Used in the Extrusion Process

2022-2023 Semi Annual Report

October-22			November-22			December-22			January-23			February-23			March-23			Oct 2022 - Mar 2023 Monthly Totals
Date	Bio - Diesel Feed Rate, gph	Diesel, Gallons	Date	Bio - Diesel Feed Rate, gph	Diesel, Gallons	Date	Bio - Diesel Feed Rate, gph	Diesel, Gallons	Date	Bio - Diesel Feed Rate, gph	Diesel, Gallons	Date	Bio - Diesel Feed Rate, gph	Diesel, Gallons	Date	Bio - Diesel Feed Rate, gph	Diesel, Gallons	
10/01/22	0.27	127.21	11/1/22	0.28	219.46	12/1/22	0.26	127.45	1/1/23	0.29	254.79	2/1/23	0.31	292.30	3/1/23	0.23	165.47	
10/02/22	0.27	118.28	11/2/22	0.29	162.45	12/2/22	0.30	144.71	1/2/23	0.29	253.18	2/2/23	0.30	237,21	3/2/23	0.26	61.24	
10/03/22	0.26	127.88	11/3/22	0.28	209.37	12/3/22	0.26	128.55	1/3/23	0.28	225.87	2/3/23	0.29	230.07	3/3/23	0.21	95.15	
10/04/22	0.25	107.28	11/4/22	0.27	218.72	12/4/22	0.26	106.38	1/4/23	0.29	203,2	2/4/23	0.28	168.31	3/4/23	0.24	130.44	
10/05/22	0.25	144.30	11/5/22	0.26	270.46	12/5/22	0.27	142.29	1/5/23	0.28	154,83	2/5/23	0.27	145.11	3/5/23	0.25	120.23	
10/06/22	0.24	120.73	11/6/22	0.28	209.94	12/6/22	0.25	129.80	1/6/23	0.26	121.39	2/6/23	0.31	121.99	3/6/23	0.24	54.40	
10/07/22	0.18	83.75	11/7/22	0.26	32.35	12/7/22	0.25	122.13	1/7/23	0.24	141.09	2/7/23	0.30	108.77	3/7/23	0.26	65.80	
10/08/22	0.24	137.75	11/8/22	-	-	12/8/22	0.28	87.37	1/8/23	0.26	115.69	2/8/23	0.27	106.43	3/8/23	0.23	122.33	
10/09/22	0.25	152.88	11/9/22	0.24	111.03	12/9/22	0.27	130.71	1/9/23	0.26	98.72	2/9/23	0.29	15.55	3/9/23	0.24	145.22	
10/10/22	0.25	133.66	11/10/22	0.26	251.21	12/10/22	0.19	98.14	1/10/23	0.27	143.64	2/10/23	-	-	3/10/23	0.24	70.17	
10/11/22	0.24	123.28	11/11/22	0.27	258.87	12/11/22	0.25	108.77	1/11/23	0.25	67,26	2/11/23	-	-	3/11/23	0.25	178.76	
10/12/22	0.24	121.68	11/12/22	0.28	204.12	12/12/22	0.26	186.46	1/12/23	0.26	123.45	2/12/23	-	-	3/12/23	0.25	81.28	
10/13/22	0.24	58.44	11/13/22	0.22	92.31	12/13/22	0.25	131.27	1/13/23	0.25	67.98	2/13/23	1.12	67.04	3/13/23	0.26	117.20	
10/14/22	-	-	11/14/22	0.26	180.39	12/14/22	0.22	110.37	1/14/23	0.27	157.37	2/14/23	-	-	3/14/23	0.25	111.20	
10/15/22	-	-	11/15/22	0.28	179.91	12/15/22	0.25	130.61	1/15/23	0.27	155.41	2/15/23	0.30	109.23	3/15/23	0.53	212.34	
10/16/22	0.25	97.47	11/16/22	0.27	154.42	12/16/22	0.22	93.88	1/16/23	0.28	165.07	2/16/23	0.22	124.27	3/16/23	0.25	118.10	
10/17/22	0.25	116.80	11/17/22	0.27	292.28	12/17/22	0.26	133.34	1/17/23	0.28	209.19	2/17/23	0.29	267.29	3/17/23	0.24	92.07	
10/18/22	0.20	114.91	11/18/22	0.27	183.96	12/18/22	0.26	82.58	1/18/23	0.26	230.51	2/18/23	0.28	225.68	3/18/23	-	-	
10/19/22	0.25	121.91	11/19/22	0.27	224.33	12/19/22	0.25	117.63	1/19/23	0.21	237.13	2/19/23	0.29	153.23	3/19/23	0.25	78.38	
10/20/22	0.24	121.78	11/20/22	0.27	120.73	12/20/22	0.25	127.22	1/20/23	0.28	166.54	2/20/23	0.25	83.12	3/20/23	0.24	118,27	
10/21/22	0.27	129.63	11/21/22	0.26	124.53	12/21/22	0.26	143.45	1/21/23	0.28	140.95	2/21/23	0.24	77.88	3/21/23	0.26	74.71	
10/22/22	0.25	115.43	11/22/22	0.28	55.24	12/22/22	0.25	142.84	1/22/23	0.28	212.31	2/22/23	0.25	125.40	3/22/23	0.23	125.52	
10/23/22	0.25	132.23	11/23/22	0.26	118.84	12/23/22	0.26	134.91	1/23/23	0.28	228.01	2/23/23	0.27	119.53	3/23/23	0.21	90.02	
10/24/22	0.27	212,.34	11/24/22	0.25	120.91	12/24/22	0.21	114.32	1/24/23	0.27	206.29	2/24/23	0.26	98.17	3/24/23	0.25	138.19	
10/25/22	0.28	257.68	11/25/22	0.25	103.26	12/25/22	0.25	125.06	1/25/23	0.27	215.46	2/25/23	0.25	98.49	3/25/23	0.25	104.04	
10/26/22	0.27	215.65	11/26/22	0.25	128.94	12/26/22	0.23	133.92	1/26/23	0.28	215.36	2/26/23	0.34	64.01	3/26/23	0.25	111.31	
10/27/22	0.26	167.34	11/27/22	0.24	114.50	12/27/22	0.26	98.18	1/27/23	0.27	230.86	2/27/23	0.24	71.50	3/27/23	0.28	125.80	
10/28/22	0.29	298.17	11/28/22	0.25	120.36	12/28/22	0.28	111.17	1/28/23	0.28	223.34	2/28/23	0.23	190.26	3/28/23	0.29	118.49	
10/29/22	0.28	260.14	11/29/22	0.25	104.71	12/29/22	0.28	247.01	1/29/23	0.28	261.35				3/29/23	0.27	133.24	
10/30/22	0.27	231.85	11/30/22	0.22	105.45	12/30/22	0.28	232.06	1/30/23	0.33	284.36				3/30/23	0.24	124.60	
10/31/22	0.27	300.85				12/31/22	0.29	249.86	1/31/23	0.29	263.18				3/31/23	0.25	143.45	
TOTAL		4,238.96	TOTAL		4,673.05	TOTAL		4,172.44	TOTAL		5,415.75	TOTAL		3,063.63	TOTAL		3,309.15	24,872.98
AVG	0.25	151.39	AVG	0.26	161.14	AVG	0.25	134.59	AVG	0.27	186.75	AVG	0.31	133.20	AVG	0.26	114.11	
MIN	0.18	58.44	MIN	0.22	32.35	MIN	0.19	82.58	MIN	0.21	67.26	MIN	0.22	15.55	MIN	0.21	54.40	
MAX	0.29	300.85	MAX	0.29	292.28	MAX	0.30	249.86	MAX	0.33	284.36	MAX	1.12	292.30	MAX	0.53	212.34	

Biodiesel Certificate of Analysis

FM.LAB.001g Biodiesel Certificate of Analysis-REG CSFBT 20211015

BQ-9000 Producer

Lot Number:	716-90001-220103-T1053	**Product Type:**	REG-9000/1
Inlet Seal Number:	2339468	**OS:**	D

ASTM D6751 Analysis of REG-9000® Biodiesel

Property		Value	ASTM D6751 Limit	REG-9000® Limit	Units	Test Method (current revision)
Cloud point:		-2.8 *27*	Report	Report	°C *(°F)*	D7397
Free Glycerin:		0.007	0.020, max	0.014	**% mass**	D6584
Total Glycerin:		0.045	0.240, max	0.16	**% mass**	D6584
Monoglycerides[1]:		0.145	N/A	0.40, max	**% mass**	D6584
Diglycerides[1]:		0.000	N/A	0.20, max	**% mass**	D6584
Triglycerides[1]:		0.000	N/A	0.20, max	**% mass**	D6584
Water & Sediment:		0.000	0.050, max	0.01	**% volume**	D2709
Acid Number:		0.23	0.50, max	0.40	**mg KOH/g**	D664
Visual Inspection[1]:		1 @ 25.1°C	N/A	1	**Haze rating**	D4176, Procedure 2
Relative Density at 60°F[1]:		0.8840	N/A	0.87 – 0.89	**N/A**	D1298
Oxidation Stability (110 °C):		9.9	3, min	6.0	**hrs**	*EN 1575*
Flash point (closed cup):		192.5	93, min	93	**°C**	D93
Alcohol Control	**Option 1: Methanol**	N/A	0.2, max	0.2	**% mass**	*EN 14110*
	Option 2: Flashpoint	192.5	130, min	130	**°C**	D93
Moisture[1]:		0.004	N/A	0.040, max	**% mass**	D6304
Cold Soak Filtration:		95	360	200	**seconds**	D7501
Cold Soak Filter Blocking Tendency[1]:		1.0	N/A	Report	**N/A**	CAN/CGSB-3.0 No. 142.0
Sulfur:		2.0	15	15	**ppm (mg/kg)**	D7039
Sodium & Potassium Combined:		0.3 *	5, max	1.0 (total)	**ppm (mg/kg)**	*EN 14538*
Calcium & Magnesium Combined:		<0.2 *	5, max			
Total Contamination[1]:		0.9 *	N/A	15, max	**mg/L**	D7321
Ester Content[1]:		99.9 *	N/A	97, min	**% mass**	*EN 14103*
Phosphorus:		0.0001 *	0.001, max	0.001	**% mass**	D4951
Carbon Residue:		0.000 *	0.050, max	0.050	**% mass**	D4530
Sulfated Ash:		0.005 *	0.020, max	0.020	**% mass**	D874
Kinematic Viscosity at 40 °C:		4.061 *	1.9-6.0	3.8 – 5.0	**mm²/sec.**	D445
Copper Corrosion (3 hrs at 50 °C):		1a *	No. 3, max	No. 1a	**N/A**	D130
Distillation at 90% Recovered:		352 *	360, max	360	**°C**	D1160
Cetane Number:		49 *	47, min	47	**N/A**	D613

[1] These tests are not ASTM D6751 specification requirements.

* This value is the most recently acquired result for this product from this plant. This test is performed periodically.

Prepared by:	Ryan Wojda	Lab Tech	REG Mason City LI C	1/5/2022
	Name	Title	Location	Date

Please contact Inside Sales at Renewable Energy Group, Inc. at (888)734-8686 with any questions or comments about this product.

Biodiesel Certificate of Analysis

FM.LAB.001g Biodiesel Certificate of Analysis - REG CSFBT 20211217

BQ-9000 Producer

Lot Number:	716-90001-220123-T1051	**Product Type:**	REG-9000/1
Inlet Seal Number:	2339476		

ASTM D6751 Analysis of REG-9000® Biodiesel

Property	Value	ASTM D6751 Limit	REG-9000® Limit	Units	Test Method (current revision)
Cloud point:	-1.8 *29*	Report	Report	°C *(°F)*	D7397
Free Glycerin:	0.007	0.020, max	0.014	**% mass**	D6584
Total Glycerin:	0.043	0.240, max	0.16	**% mass**	D6584
Monoglycerides[1]:	0.140	N/A	0.40, max	**% mass**	D6584
Diglycerides[1]:	0.000	N/A	0.20, max	**% mass**	D6584
Triglycerides[1]:	0.000	N/A	0.20, max	**% mass**	D6584
Water & Sediment:	0.000	0.050, max	0.01	**% volume**	D2709
Acid Number:	0.23	0.50, max	0.40	**mg KOH/g**	D664
Visual Inspection[1]:	1 @ 25.2°C	N/A	1	**Haze rating**	D4176, Procedure 2
Relative Density at 60°F[1]:	0.8835	N/A	0.87 – 0.89	**N/A**	D1298
Oxidation Stability (110 °C):	9.9	3, min	6.0	**hrs**	*EN 1575*
Flash point (closed cup):	191.5	93, min	93	**°C**	D93
Alcohol Control — **Option 1: Methanol**	N/A	0.2, max	0.2	**% mass**	*EN 14110*
Alcohol Control — **Option 2: Flashpoint**	191.5	130, min	130	**°C**	D93
Moisture[1]:	0.003	N/A	0.040, max	**% mass**	D6304
Cold Soak Filtration:	93	360	200	**seconds**	D7501
Cold Soak Filter Blocking Tendency[1]:	1.0 *	N/A	Report	**N/A**	CAN/CGSB-3.0 No. 142.0
Sulfur:	2.2	15	15	**ppm (mg/kg)**	D7039
Sodium & Potassium Combined:	0.2 *	5, max	1.0 (total)	**ppm (mg/kg)**	*EN 14538*
Calcium & Magnesium Combined:	<0.2 *	5, max			
Total Contamination[1]:	0.3 *	N/A	15, max	**mg/L**	D7321
Ester Content[1]:	99.9 *	N/A	97, min	**% mass**	*EN 14103*
Phosphorus:	0.0000 *	0.001, max	0.001	**% mass**	D4951
Carbon Residue:	0.005 *	0.050, max	0.050	**% mass**	D4530
Sulfated Ash:	0.005 *	0.020, max	0.020	**% mass**	D874
Kinematic Viscosity at 40 °C:	4.052 *	1.9-6.0	3.8 – 5.0	**mm²/sec.**	D445
Copper Corrosion (3 hrs at 50 °C):	1A *	No. 3, max	No. 1a	**N/A**	D130
Distillation at 90% Recovered:	352 *	360, max	360	**°C**	D1160
Cetane Number:	50 *	47, min	47	**N/A**	D613

[1] These tests are not ASTM D6751 specification requirements.

* This value is the most recently acquired result for this product from this plant. This test is performed periodically.

Prepared by:	Ryan Wojda	Lab Tech	REG Mason City	1/25/2022 Rev. 1
	Name	Title	Location	Date

Please contact Inside Sales at Renewable Energy Group, Inc. at (888)734-8686 with any questions or comments about this product.

Biodiesel Quality Report

Reference Number: 360-90001-220216-7618A	**Report Date:** February 16, 2022
Product Type: B99.9 Undyed Fuel	

ASTM D6751 Biodiesel Report

Test Parameter		Result[1]	ASTM Limit	Units	Test Method (current revision)
Cloud point:		**0.1C*** *(32.2°F)*	Report	°C	D2500
Free Glycerin:		0.006	0.020, max	% mass	D6584
Total Glycerin:		0.027	0.240, max	% mass	D6584
Monoglycerides:		0.082	N/A	% mass	D6584
Diglycerides:		0.000	N/A	% mass	D6584
Triglycerides:		0.000	N/A	% mass	D6584
Water & Sediment:		< 0.005	0.050, max	% volume	D2709
Acid Number:		0.22	0.50, max	mg KOH/g	D664
Relative Density @ 60°F:		0.8828	N/A	N/A	D1298
Visual Inspection:		1 @ 70°F	N/A	Haze rating	D4176, Procedure 2
Oxidation Stability (110 °C):		9.3***	3, min	hrs	*EN 15751*
Flash point (closed cup):		160	93, min	°C	D93
Alcohol Control	Methanol Content	n/a	0.2, max	% volume	*EN 14110*
	Flashpoint	160	130, min	°C	D93
Moisture:		0.007	N/A	% mass	E203
Cold Soak Filtration:		102***	360	seconds	D7501
Sulfur:		3.9	15	ppm	D5453
Sodium & Potassium Combined:		< 1.0	5, max	ppm (µg/g)	*EN 14538*
Calcium & Magnesium Combined:		< 1.0	5, max	ppm (µg/g)	*EN 14538*
Phosphorus:		<0.001	0.001, max	% mass	D4951
Carbon Residue:		<0.020	0.050, max	% mass	D4530
Sulfated Ash:		<0.010	0.020, max	% mass	D874
Kinematic Viscosity at 40 °C:		4.076	1.9-6.0	$mm^2/sec.$	D445
Copper Corrosion (3 hrs at 50 °C):		1A	No. 3, max	N/A	D130
Distillation at 90% Recovered:		351.6	360, max	°C	D1160
Cetane Number:		50.0	47, min	N/A	D613

[1] Unless otherwise specified, each value is a weighted average of the values reported for the fuel in the tank

** This value is an actual test result from a representative sample from this tank

*** This value is the least favorable result from the commingled blend

Prepared by: Kelsey Erickson (Name) — REG Ames (Location) — February 16, 2022 (Date)

Please contact Inside Sales at Renewable Energy Group, Inc. at (888)734-8686 with any questions or comments about this product.

CRIMSON
RENEWABLE ENERGY, LP

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Biodiesel Certificate of Analysis

Document Revision J
Document Revision I

Tank Number: PO1
Biodiesel Lot ID: 2209141
Date: 9/14/2022
Volume (gal): 75,275
Antioxidant Name: NALCO EC5208A
Antioxidant %m/m: 0.0225

Test	Method	ASTM D6751*	Units	Result	Lab Initial
Methanol Content	AOCS Ck 2-09	0.2% max	% mass	0.10	OK
Water and Sediment	ASTM D2709	0.05 max	% volume	0.001	OK
Cloud Point	AOCS Ck 2-09	Report	deg C	0.3	OK
Total Acid Number	ASTM D664	0.5 max	mg KOH/g	0.38	OK
Monoglycerides	AOCS Ck 2-09	0.4 max	% mass	0.253	OK
Diglycerides	AOCS Ck 2-09	n/a	% mass	0.025	OK
Triglycerides	AOCS Ck 2-09	n/a	% mass	0.050	OK
Free Glycerin	AOCS Ck 2-09	0.02 max	% mass	0.005	OK
Total Glycerin	AOCS Ck 2-09	0.24 max	% mass	0.055	OK
Sulfur Content (by XRF)	ASTM D7039	15 max	ppm	11	OK
Oxidation Stability	EN 15751	3 min	hours	7.9	OK
Visual Appearance	ASTM 4176	n/a	visual	Clear & Bright, 1	OK
Cold Soak Filterability	ASTM D6751	360 max	sec	80	OK
Moisture by Karl Fisher	ASTM D6304	400 max	ppm	343.7	OK
Density, 15°C	ASTM D4052	0.86-0.89	g/mL	0.8842	OK
Calcium & Magnesium Content	EN 14538	5 max	ppm	<1.0	OK
Sodium & Potassium Content	EN 14538	5 max	ppm	<1.0	OK
Distillation Temperature (at Vacuum)	ASTM D1160**	360 max	deg C	355	OK
Copper Strip Corrosion Rating	ASTM D130**	No 3 max	n/a	1a	OK
Kinematic Viscosity, 40°C	ASTM D445**	1.9-6.0	mm^2/sec	4.526	OK
Carbon Residue	ASTM D4530**	0.050 max	% mass	0.03	OK
Phosphorous (by ICP)	ASTM D4951**	0.0010 max	% mass	0.0001	OK
Sulfated Ash	ASTM D874**	0.020 max	% mass	<0.005	Check
Cetane Number	ASTM D6890**	47 min	n/a	50.5	OK
Flash Point	ASTM D93	93 min	deg C	108.5	OK

* Meets all ASTM D6751 specifications
Produced, tested and certified according to BQ-9000 standards
*** indicates testing performed by an outside lab and are typical results based on most recent testing*

Biodiesel COA Issued by: Yajaira Chiara

Biodiesel Certificate of Analysis

FM.LAB.001g Biodiesel Certificate of Analysis-REG CSFBT 20180131

BQ-9000 Producer

Lot Number:	712-90001-201008-T507C	**Product Type:**	REG-9000/1
Inlet Seal Number:	9388870	**OS:**	D

ASTM D6751 Analysis of REG-9000® Biodiesel

Property		Value	ASTM D6751 Limit	REG-9000® Limit	Units	Test Method (current revision)
Cloud point:		0.9 (34)	Report	Report	°C (°F)	D7397
Free Glycerin:		0.006	0.020, max	0.014	**% mass**	D6584
Total Glycerin:		0.057	0.240, max	0.16	**% mass**	D6584
Monoglycerides[1]:		0.191	N/A	0.40, max	**% mass**	D6584
Diglycerides[1]:		0.011	N/A	0.20, max	**% mass**	D6584
Triglycerides[1]:		0.000	N/A	0.20, max	**% mass**	D6584
Water & Sediment:		0.000	0.050, max	0.01	**% volume**	D2709
Acid Number:		0.10	0.50, max	0.40	**mg KOH/g**	D974
Visual Inspection[1]:		1 @73.0°F	N/A	1	**Haze rating**	D4176, Procedure 2
Relative Density at 60°F[1]:		0.8816	N/A	0.87 – 0.89	**N/A**	D4052
Oxidation Stability (110 °C):		9.1	3, min	6.0	**hrs**	*EN 15751*
Flash point (closed cup):		161.5	93, min	93	**°C**	D93
Alcohol Control	**Option 1: Methanol**	N/A	0.2, max	0.2	**% mass**	*EN 14110*
	Option 2: Flashpoint	161.5	130, min	130	**°C**	D93
Moisture[1]:		0.005	N/A	0.040, max	**% mass**	D6304
Cold Soak Filtration:		92	360	200	**seconds**	D7501
Cold Soak Filter Blocking Tendency[1]:		1.0 *	N/A	Report	**N/A**	CAN/CGSB-3.0 No. 142.0
Sulfur:		5.1	15	15	**ppm (mg/kg)**	D5453
Sodium & Potassium Combined:		0.9 *	5, max	1.5	**ppm (mg/kg)**	*EN 14538*
Calcium & Magnesium Combined:		0.0 *	5, max	1.5	**ppm (mg/kg)**	*EN 14538*
Total Contamination[1]:		2.7 *	N/A	15, max	**mg/L**	D7321
Ester Content[1]:		97.0 *	N/A	97, min	**% mass**	*EN 14103*
Phosphorus:		0.0000 *	0.001, max	0.001	**% mass**	D4951
Carbon Residue:		0.005 *	0.050, max	0.050	**% mass**	D4530
Sulfated Ash:		0.005 *	0.020, max	0.020	**% mass**	D874
Kinematic Viscosity at 40 °C:		4.084 *	1.9-6.0	3.8 – 5.0	**mm²/sec.**	D445
Copper Corrosion (3 hrs at 50 °C):		1a *	No. 3, max	No. 1a	**N/A**	D130
Distillation at 90% Recovered:		351 *	360, max	360	**°C**	D1160
Cetane Number:		48.6 *	47, min	47	**N/A**	D613

[1] These tests are not ASTM D6751 specification requirements.

* This value is the most recently acquired result for this product from this plant. This test is performed periodically.

Prepared by:	Ausra Kaleslnskas	Biodiesel Lab Supervisor	RFG Seneca, LLC	10/9/2020
	Name	Title	Location	Date

Please contact Inside Sales at Renewable Energy Group, Inc. at (888)734-8686 with any questions or comments about this product.

CRIMSON
RENEWABLE ENERGY, LP

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Biodiesel Tank Report

Document Revision Number: 08
Revision Date: 7/14/2021

Tank Number: PO17
Current Lot ID: 22102517
Date: 10/25/2022
Antioxidant Name: Nalco EC5208A
Antioxidant %m/m: 0.0250

Test	Method	ASTM D6751*	Units	Result
Methanol Content	AOCS Ck 2-09	0.2% max.	% mass	0.10
Water and Sediment	ASTM D2709	0.05 max.	% volume	0.001
Cloud Point	AOCS Ck 2-09	Report	° C	1.6
Acid Number	ASTM D664	0.5 max.	mg KOH/g	0.40
Monoglycerides	AOCS Ck 2-09	0.5 max.	% mass	0.336
Diglycerides	AOCS Ck 2-09	n/a	% mass	0.019
Triglycerides	AOCS Ck 2-09	n/a	% mass	0.050
Free Glycerin	AOCS Ck 2-09	0.02 max.	% mass	0.005
Total Glycerin	AOCS Ck 2-09	0.24 max.	% mass	0.066
Sulfur Content	ASTM D7039	15.max.	ppm	9.5
Oxidation Stability (Rancimat)	EN 15751	3 min.	hours	5.4
Visual Appearance	ASTM 4176	Report	visual	Clear & Bright, 1
Cold Soak Filterability	ASTM D7501	360 max.	sec	157
Water Content	ASTM D6304	Report	ppm	185.7
Density, 15°C	ASTM D4052	0.86 - 0.90	g/mL	0.8849
Sodium & Potassium, combined	EN 14538	5 max.	ppm	<1.0
Calcium & Magnesium, combined	EN 14538	5 max.	ppm	<1.0
Distillation Temperature	ASTM D1160**	360 max.	deg C	354
Copper Strip Corrosion Rating	ASTM D130**	No 3 max.	n/a	1a
Kinematic Viscosity, 40°C	ASTM D445**	1.9-6.0	mm^2/sec	4.516
Carbon Residue	ASTM D4530**	0.050 max.	% mass	0.02
Phosphorous content	ASTM D4951**	0.0010 max.	% mass	0.000022
Sulfated Ash	ASTM D874**	0.020 max.	% mass	<0.005
Cetane Number	ASTM D6890**	47 min.	n/a	53.7
Flash Point	ASTM D93	93 min.	°C	118.0

*ASTM D6751 Analyses are performed in accordance with the most current methods.
Produced and tested according to BQ-9000 standards
*** indicates testing performed by an outside lab and are typical results based on most recent testing*

Biodiesel CofA Reviewed by: _____ Chris Dixon, Quality Manager

KINDER MORGAN

KINDER MORGAN PACIFIC REGION
SUPPLIER B100 BIODIESEL QUALITY CERTIFICATION [1]

SUPPLIER: _____ PRODUCER: _____

BILL OF LADING NO: _____ DATE: _____

			KM Use Only
Flash point °C (°F)	D-93	118	93° C (199°F) min _____
Acid number, mg KOH/g	D-664	0.40	0.50 max _____
Cloud point, °C (°F)	D-2500	1.6	10° C (50° F) Summer _____ 1° C (34° F) Winter (OR, WA) _____ 3° C (37 °F) Winter (CA, AZ, NV) _____
Water& Sediment, vol %	D-2709	0.001	0.050 max _____
Visual Appearance	D-4176	Clear and Bright,1	C & B _____
Free Glycerin, mass %	D-6584	0.005	0.020 max _____
Total Glycerin, mass %	D-6584	0.066	0.240 max _____
Oxidation stability, Hours @ 110° C (230° F)	EN-14112	5.4	4 min _____
Sulfur, mass % ppm	D-5453, D-7039	9.5	11 max _____

[1] Biodiesel produced in Oregon is required to have a certification of Feedstock Origination.

This product meets KM specifications for B-100 as published in Section 6.3 of the pipeline specification manual, and the latest revisions of ASTM D-6751.

We certify the above to be true and correct
Authorized Signature:

Chris Dixon, Quality Manger

Date: 10/25/2022

Please provide KM Location a copy of this completed report delivered with each rail or road transport delivery.

CRIMSON
RENEWABLE ENERGY, LP

17731 Millux Road
Bakersfield, CA 93311
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fax: (661) 617-5615

Biodiesel Tank Report

Document Revision Number: 08
Revision Date: 7/14/2021

Tank Number: PO17
Current Lot ID: 22102617
Date: 10/26/2022
Antioxidant Name: Nalco EC5208A
Antioxidant %m/m: 0.0250

Test	Method	ASTM D6751*	Units	Result
Methanol Content	AOCS Ck 2-09	0.2% max.	% mass	0.09
Water and Sediment	ASTM D2709	0.05 max.	% volume	0.001
Cloud Point	AOCS Ck 2-09	Report	° C	1.9
Acid Number	ASTM D664	0.5 max.	mg KOH/g	0.33
Monoglycerides	AOCS Ck 2-09	0.5 max.	% mass	0.288
Diglycerides	AOCS Ck 2-09	n/a	% mass	0.006
Triglycerides	AOCS Ck 2-09	n/a	% mass	0.050
Free Glycerin	AOCS Ck 2-09	0.02 max.	% mass	0.005
Total Glycerin	AOCS Ck 2-09	0.24 max.	% mass	0.066
Sulfur Content	ASTM D7039	15 max.	ppm	9.5
Oxidation Stability (Rancimat)	EN 15751	3 min.	hours	4.0
Visual Appearance	ASTM 4176	Report	visual	Clear & Bright, 1
Cold Soak Filterability	ASTM D7501	360 max.	sec	185
Water Content	ASTM D6304	Report	ppm	215.03
Density, 15°C	ASTM D4052	0.86 - 0.90	g/mL	0.8851
Sodium & Potassium, combined	EN 14538	5 max.	ppm	<1.0
Calcium & Magnesium, combined	EN 14538	5 max.	ppm	<1.0
Distillation Temperature	ASTM D1160**	360 max.	deg C	351
Copper Strip Corrosion Rating	ASTM D130**	No 3 max.	n/a	1a
Kinematic Viscosity, 40°C	ASTM D445**	1.9-6.0	mm^2/sec	4.516
Carbon Residue	ASTM D4530**	0.050 max.	% mass	0.02
Phosphorous content	ASTM D4951**	0.0010 max.	% mass	0.000022
Sulfated Ash	ASTM D874**	0.020 max.	% mass	<0.005
Cetane Number	ASTM D6890**	47 min.	n/a	53.7
Flash Point	ASTM D93	93 min.	°C	126.0

*ASTM D6751 Analyses are performed in accordance with the most current methods.
Produced and tested according to BQ-9000 standards
*** indicates testing performed by an outside lab and are typical results based on most recent testing*

Biodiesel CofA Reviewed by: Chris Dixon, Quality Manager

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RENEWABLE ENERGY, LP

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Biodiesel Tank Report

Document Revision Number: 08
Revision Date: 7/14/2021

Tank Number: PO17
Current Lot ID: 22111417
Date: 11/14/2022
Antioxidant Name: Nalco EC5208A
Antioxidant %m/m: 0.0250

Test	Method	ASTM D6751*	Units	Result
Methanol Content	AOCS Ck 2-09	0.2% max.	% mass	0.04
Water and Sediment	ASTM D2709	0.05 max.	% volume	0.001
Cloud Point	AOCS Ck 2-09	Report	° C	2.1
Acid Number	ASTM D664	0.5 max.	mg KOH/g	0.40
Monoglycerides	AOCS Ck 2-09	0.5 max.	% mass	0.351
Diglycerides	AOCS Ck 2-09	n/a	% mass	0.005
Triglycerides	AOCS Ck 2-09	n/a	% mass	0.050
Free Glycerin	AOCS Ck 2-09	0.02 max.	% mass	0.005
Total Glycerin	AOCS Ck 2-09	0.24 max.	% mass	0.056
Sulfur Content	ASTM D7039	15 max.	ppm	11
Oxidation Stability (Rancimat)	EN 15751	3 min.	hours	4.0
Visual Appearance	ASTM 4176	Report	visual	Clear & Bright, 1
Cold Soak Filterability	ASTM D7501	360 max.	sec	193
Water Content	ASTM D6304	Report	ppm	179.4
Density, 15°C	ASTM D4052	0.86 - 0.90	g/mL	0.8846
Sodium & Potassium, combined	EN 14538	5 max.	ppm	<1.0
Calcium & Magnesium, combined	EN 14538	5 max.	ppm	<1.0
Distillation Temperature	ASTM D1160**	360 max.	deg C	351
Copper Strip Corrosion Rating	ASTM D130**	No 3 max.	n/a	1a
Kinematic Viscosity, 40°C	ASTM D445**	1.9-6.0	mm^2/sec	4.415
Carbon Residue	ASTM D4530**	0.050 max.	% mass	0.02
Phosphorous content	ASTM D4951**	0.0010 max.	% mass	0.000022
Sulfated Ash	ASTM D874**	0.020 max.	% mass	<0.005
Cetane Number	ASTM D6890**	47 min.	n/a	53.7
Flash Point	ASTM D93	93 min.	°C	118.0

*ASTM D6751 Analyses are performed in accordance with the most current methods.
Produced and tested according to BQ-9000 standards
*** indicates testing performed by an outside lab and are typical results based on most recent testing*

Biodiesel CofA Reviewed by: Chris Dixon, Quality Manager

Biodiesel Certificate of Analysis

FM.LAB.001g Biodiesel Certificate of Analysis - REG CSFBT 20211217

BQ-9000 Producer

Lot Number:	716-90001-220123-T1051	**Product Type:**	REG-9000/1
Inlet Seal Number:	2339476		

ASTM D6751 Analysis of REG-9000® Biodiesel

Property		Value	ASTM D6751 Limit	REG-9000® Limit	Units	Test Method (current revision)
Cloud point:		-1.8 *29*	Report	Report	**°C** *(°F)*	D7397
Free Glycerin:		0.007	0.020, max	0.014	**% mass**	D6584
Total Glycerin:		0.043	0.240, max	0.16	**% mass**	D6584
Monoglycerides[1]:		0.140	N/A	0.40, max	**% mass**	D6584
Diglycerides[1]:		0.000	N/A	0.20, max	**% mass**	D6584
Triglycerides[1]:		0.000	N/A	0.20, max	**% mass**	D6584
Water & Sediment:		0.000	0.050, max	0.01	**% volume**	D2709
Acid Number:		0.23	0.50, max	0.40	**mg KOH/g**	D664
Visual Inspection[1]:		1 @ 25.2°C	N/A	1	**Haze rating**	D4176, Procedure 2
Relative Density at 60°F[1]:		0.8835	N/A	0.87 – 0.89	**N/A**	D1298
Oxidation Stability (110 °C):		9.9	3, min	6.0	**hrs**	*EN 1575*
Flash point (closed cup):		191.5	93, min	93	**°C**	D93
Alcohol Control	**Option 1: Methanol**	N/A	0.2, max	0.2	**% mass**	*EN 14110*
	Option 2: Flashpoint	191.5	130, min	130	**°C**	D93
Moisture[1]:		0.003	N/A	0.040, max	**% mass**	D6304
Cold Soak Filtration:		93	360	200	**seconds**	D7501
Cold Soak Filter Blocking Tendency[1]:		1.0 *	N/A	Report	**N/A**	CAN/CGSB-3.0 No. 142.0
Sulfur:		2.2	15	15	**ppm (mg/kg)**	D7039
Sodium & Potassium Combined:		0.2 *	5, max	1.0 (total)	**ppm (mg/kg)**	*EN 14538*
Calcium & Magnesium Combined:		<0.2 *	5, max			
Total Contamination[1]:		0.3 *	N/A	15, max	**mg/L**	D7321
Ester Content[1]:		99.9 *	N/A	97, min	**% mass**	*EN 14103*
Phosphorus:		0.0000 *	0.001, max	0.001	**% mass**	D4951
Carbon Residue:		0.005 *	0.050, max	0.050	**% mass**	D4530
Sulfated Ash:		0.005 *	0.020, max	0.020	**% mass**	D874
Kinematic Viscosity at 40 °C:		4.052 *	1.9-6.0	3.8 – 5.0	**mm²/sec.**	D445
Copper Corrosion (3 hrs at 50 °C):		1A *	No. 3, max	No. 1a	**N/A**	D130
Distillation at 90% Recovered:		352 *	360, max	360	**°C**	D1160
Cetane Number:		50 *	47, min	47	**N/A**	D613

[1] These tests are not ASTM D6751 specification requirements.

* This value is the most recently acquired result for this product from this plant. This test is performed periodically.

Prepared by:	Ryan Wojda	Lab Tech	REG Mason City	1/25/2022 Rev. 1
	Name	Title	Location	Date

Please contact Inside Sales at Renewable Energy Group, Inc. at (888)734-8686 with any questions or comments about this product.

Biodiesel Certificate of Analysis

FM.LAB.001a Biodiesel Certificate of Analysis-REG 20211209

BQ-9000 Producer

Lot Number:	710-90001-220126-T3	**Product Type:**	REG-9000/1
Inlet Seal Number:	275370		

ASTM D6751 Analysis of REG-9000® Biodiesel

Property		Value	ASTM D6751 Limit	REG-9000® Limit	Units	Test Method (current revision)
Cloud point:		0.8 *33*	Report	Report	°C *(°F)*	D7397
Free Glycerin:		0.006	0.020, max	0.014	**% mass**	D6584
Total Glycerin:		0.023	0.240, max	0.16	**% mass**	D6584
Monoglycerides[1]:		0.066	N/A	0.40, max	**% mass**	D6584
Diglycerides[1]:		0.000	N/A	0.20, max	**% mass**	D6584
Triglycerides[1]:		0.000	N/A	0.20, max	**% mass**	D6584
Water & Sediment:		0.000	0.050, max	0.01	**% volume**	D2709
Acid Number:		0.23	0.50, max	0.40	**mg KOH/g**	D664
Visual Inspection[1]:		1 @ 77.9°F	N/A	1	**Haze rating**	D4176, Procedure 2
Relative Density at 60°F[1]:		0.8826	N/A	0.87 – 0.89	**N/A**	D1298
Oxidation Stability (110 °C):		10.3	3, min	6.0	**hrs**	*EN 15751*
Flash point (closed cup):		177.0	93, min	93	**°C**	D93
Alcohol Control	**Option 1: Methanol**	N/A	0.2, max	0.2	**% mass**	*EN 14110*
	Option 2: Flashpoint	177.0	130, min	130	**°C**	D93
Moisture[1]:		0.009	N/A	0.040, max	**% mass**	E203
Cold Soak Filtration:		102	360	200	**seconds**	D7501
Sulfur:		2.0	15	15	**ppm (mg/kg)**	D7039
Sodium & Potassium Combined:		< 0.2 *	5, max	1.0 (total)	**ppm (mg/kg)**	*EN 14538*
Calcium & Magnesium Combined:		< 0.2 *	5, max			
Total Contamination[1]:		0.3 *	N/A	15,max	**mg/L**	D7321
Ester Content[1]:		97.9*	N/A	97, min	**% mass**	*EN 14103*
Phosphorus:		0.0000*	0.001, max	0.001	**% mass**	D4951
Carbon Residue:		0.000 *	0.050, max	0.050	**% mass**	D4530
Sulfated Ash:		0.005 *	0.020, max	0.020	**% mass**	D874
Kinematic Viscosity at 40 °C:		4.052 *	1.9-6.0	3.8 – 5.0	**mm²/sec.**	D445
Copper Corrosion (3 hrs at 50 °C):		1a *	No. 3, max	No. 1a	**N/A**	D130
Distillation at 90% Recovered:		351 *	360, max	360	**°C**	D1160
Cetane Number:		49 *	47, min	47	**N/A**	D613

[1] These tests are not ASTM D6751 specification requirements.

* This value is the most recently acquired result for this product from this plant. This test is performed periodically.

Prepared by: Lynne Keough Laboratory Technician REG Albert Lea,LLC 01/28/2022

Name Title Location Date

Please contact Inside Sales at Renewable Energy Group, Inc. at (888)734-8686 with any questions or comments about this product.

Biodiesel Certificate of Analysis

FM.LAB.001g Biodiesel Certificate of Analysis - REG CSFBT 20211217

BQ-9000 Producer

Lot Number:	716-90001-220129-T1052	**Product Type:**	REG-9000/1
Inlet Seal Number:	2339486		

ASTM D6751 Analysis of REG-9000® Biodiesel

Property		Value	ASTM D6751 Limit	REG-9000® Limit	Units	Test Method (current revision)
Cloud point:		-1.8 *29*	Report	Report	°C *(°F)*	D7397
Free Glycerin:		0.007	0.020, max	0.014	**% mass**	D6584
Total Glycerin:		0.043	0.240, max	0.16	**% mass**	D6584
Monoglycerides[1]:		0.140	N/A	0.40, max	**% mass**	D6584
Diglycerides[1]:		0.000	N/A	0.20, max	**% mass**	D6584
Triglycerides[1]:		0.000	N/A	0.20, max	**% mass**	D6584
Water & Sediment:		0.000	0.050, max	0.01	**% volume**	D2709
Acid Number:		0.19	0.50, max	0.40	**mg KOH/g**	D664
Visual Inspection[1]:		1 @ 25.4°C	N/A	1	**Haze rating**	D4176, Procedure 2
Relative Density at 60°F[1]:		0.8835	N/A	0.87 – 0.89	**N/A**	D1298
Oxidation Stability (110 °C):		9.7	3, min	6.0	**hrs**	*EN 1575*
Flash point (closed cup):		192.0	93, min	93	**°C**	D93
Alcohol Control	**Option 1: Methanol**	N/A	0.2, max	0.2	**% mass**	*EN 14110*
	Option 2: Flashpoint	192.0	130, min	130	**°C**	D93
Moisture[1]:		0.002	N/A	0.040, max	**% mass**	D6304
Cold Soak Filtration:		95	360	200	**seconds**	D7501
Cold Soak Filter Blocking Tendency[1]:		1.0 *	N/A	Report	**N/A**	CAN/CGSB-3.0 No. 142.0
Sulfur:		3.6	15	15	**ppm (mg/kg)**	D7039
Sodium & Potassium Combined:		0.2 *	5, max	1.0 (total)	**ppm (mg/kg)**	*EN 14538*
Calcium & Magnesium Combined:		<0.2 *	5, max			
Total Contamination[1]:		0.3 *	N/A	15, max	**mg/L**	D7321
Ester Content[1]:		99.9 *	N/A	97, min	**% mass**	*EN 14103*
Phosphorus:		0.0000 *	0.001, max	0.001	**% mass**	D4951
Carbon Residue:		0.005 *	0.050, max	0.050	**% mass**	D4530
Sulfated Ash:		0.005 *	0.020, max	0.020	**% mass**	D874
Kinematic Viscosity at 40 °C:		4.052 *	1.9-6.0	3.8 – 5.0	**$mm^2/sec.$**	D445
Copper Corrosion (3 hrs at 50 °C):		1A *	No. 3, max	No. 1a	**N/A**	D130
Distillation at 90% Recovered:		352 *	360, max	360	**°C**	D1160
Cetane Number:		50 *	47, min	47	**N/A**	D613

[1] These tests are not ASTM D6751 specification requirements.

* This value is the most recently acquired result for this product from this plant. This test is performed periodically.

Prepared by:	Staci Sberal	Lab Tech	REG Mason City	2/1/2022
	Name	Title	Location	Date

Please contact Inside Sales at Renewable Energy Group, Inc. at (888)734-8686 with any questions or comments about this product.

Biodiesel Certificate of Analysis

FM.LAB.001g Biodiesel Certificate of Analysis - REG CSFBT 20211217

BQ-9000 Producer

Lot Number:	716-90001-220227-T1051	**Product Type:**	REG-9000/1
Inlet Seal Number:	2339490		

ASTM D6751 Analysis of REG-9000® Biodiesel

Property		Value	ASTM D6751 Limit	REG-9000® Limit	Units	Test Method (current revision)
Cloud point:		-3.0 *27*	Report	Report	**°C** *(°F)*	D2500
Free Glycerin:		0.006	0.020, max	0.014	**% mass**	D6584
Total Glycerin:		0.040	0.240, max	0.16	**% mass**	D6584
Monoglycerides[1]:		0.134	N/A	0.40, max	**% mass**	D6584
Diglycerides[1]:		0.000	N/A	0.20, max	**% mass**	D6584
Triglycerides[1]:		0.000	N/A	0.20, max	**% mass**	D6584
Water & Sediment:		0.000	0.050, max	0.01	**% volume**	D2709
Acid Number:		0.20	0.50, max	0.40	**mg KOH/g**	D664
Visual Inspection[1]:		1 @ 25.3°C	N/A	1	**Haze rating**	D4176, Procedure 2
Relative Density at 60°F[1]:		0.8840	N/A	0.87 – 0.89	**N/A**	D1298
Oxidation Stability (110 °C):		9.7	3, min	6.0	**hrs**	*EN 15751*
Flash point (closed cup):		192.0	93, min	93	**°C**	D93
Alcohol Control	**Option 1: Methanol**	N/A	0.2, max	0.2	**% mass**	*EN 14110*
	Option 2: Flashpoint	192.0	130, min	130	**°C**	D93
Moisture[1]:		0.004	N/A	0.040, max	**% mass**	D6304
Cold Soak Filtration:		96	360	200	**seconds**	D7501
Cold Soak Filter Blocking Tendency[1]:		1.0 *	N/A	Report	**N/A**	CAN/CGSB-3.0 No. 142.0
Sulfur:		2.4	15	15	**ppm (mg/kg)**	D7039
Sodium & Potassium Combined:		0.3 *	5, max	1.0 (total)	**ppm (mg/kg)**	*EN 14538*
Calcium & Magnesium Combined:		<0.2 *	5, max			
Total Contamination[1]:		0.3 *	N/A	15, max	**mg/L**	D7321
Ester Content[1]:		99.9 *	N/A	97, min	**% mass**	*EN 14103*
Phosphorus:		0.0000 *	0.001, max	0.001	**% mass**	D4951
Carbon Residue:		0.005 *	0.050, max	0.050	**% mass**	D4530
Sulfated Ash:		0.005 *	0.020, max	0.020	**% mass**	D874
Kinematic Viscosity at 40 °C:		4.052 *	1.9-6.0	3.8 – 5.0	**$mm^2/sec.$**	D445
Copper Corrosion (3 hrs at 50 °C):		1A *	No. 3, max	No. 1a	**N/A**	D130
Distillation at 90% Recovered:		352 *	360, max	360	**°C**	D1160
Cetane Number:		50 *	47, min	47	**N/A**	D613

[1] These tests are not ASTM D6751 specification requirements.

* This value is the most recently acquired result for this product from this plant. This test is performed periodically.

Prepared by:	Staci Sberal	Lab Tech	REG Mason City	3/1/2022
	Name	Title	Location	Date

Please contact Inside Sales at Renewable Energy Group, Inc. at (888)734-8686 with any questions or comments about this product.

Biodiesel Certificate of Analysis

FM.LAB.001g Biodiesel Certificate of Analysis - REG CSFBT 20211217

BQ-9000 Producer

Lot Number:	716-90001-220310-T1053	**Product Type:**	REG-9000/1
Inlet Seal Number:	2339493		

ASTM D6751 Analysis of REG-9000® Biodiesel

Property		Value	ASTM D6751 Limit	REG-9000® Limit	Units	Test Method (current revision)
Cloud point:		-1.0 *30*	Report	Report	**°C** *(°F)*	D2500
Free Glycerin:		0.007	0.020, max	0.014	**% mass**	D6584
Total Glycerin:		0.045	0.240, max	0.16	**% mass**	D6584
Monoglycerides[1]:		0.144	N/A	0.40, max	**% mass**	D6584
Diglycerides[1]:		0.000	N/A	0.20, max	**% mass**	D6584
Triglycerides[1]:		0.000	N/A	0.20, max	**% mass**	D6584
Water & Sediment:		0.000	0.050, max	0.01	**% volume**	D2709
Acid Number:		0.19	0.50, max	0.40	**mg KOH/g**	D664
Visual Inspection[1]:		1 @ 25.4°C	N/A	1	**Haze rating**	D4176, Procedure 2
Relative Density at 60°F[1]:		0.8830	N/A	0.87 – 0.89	**N/A**	D1298
Oxidation Stability (110 °C):		9.8	3, min	6.0	**hrs**	*EN 15751*
Flash point (closed cup):		185.5	93, min	93	**°C**	D93
Alcohol Control	**Option 1: Methanol**	N/A	0.2, max	0.2	**% mass**	*EN 14110*
	Option 2: Flashpoint	185.5	130, min	130	**°C**	D93
Moisture[1]:		0.002	N/A	0.040, max	**% mass**	D6304
Cold Soak Filtration:		96	360	200	**seconds**	D7501
Cold Soak Filter Blocking Tendency[1]:		1.0 *	N/A	Report	**N/A**	CAN/CGSB-3.0 No. 142.0
Sulfur:		0.5	15	15	**ppm (mg/kg)**	D7039
Sodium & Potassium Combined:		0.7 *	5, max	1.0 (total)	**ppm (mg/kg)**	*EN 14538*
Calcium & Magnesium Combined:		<0.2 *	5, max			
Total Contamination[1]:		0.3 *	N/A	15, max	**mg/L**	D7321
Ester Content[1]:		99.9 *	N/A	97, min	**% mass**	*EN 14103*
Phosphorus:		0.0000 *	0.001, max	0.001	**% mass**	D4951
Carbon Residue:		0.005 *	0.050, max	0.050	**% mass**	D4530
Sulfated Ash:		0.005 *	0.020, max	0.020	**% mass**	D874
Kinematic Viscosity at 40 °C:		4.052 *	1.9-6.0	3.8 – 5.0	**mm²/sec.**	D445
Copper Corrosion (3 hrs at 50 °C):		1A *	No. 3, max	No. 1a	**N/A**	D130
Distillation at 90% Recovered:		352 *	360, max	360	**°C**	D1160
Cetane Number:		50 *	47, min	47	**N/A**	D613

[1] These tests are not ASTM D6751 specification requirements.

* This value is the most recently acquired result for this product from this plant. This test is performed periodically.

Prepared by:	Staci Sberal	Lab Tech	REG Mason City	3/11/2022
	Name	Title	Location	Date

Please contact Inside Sales at Renewable Energy Group, Inc. at (888)734-8686 with any questions or comments about this product.

Biodiesel Certificate of Analysis

FM.LAB.001g Biodiesel Certificate of Analysis - REG CSFBT 20211217

BQ-9000 Producer

Lot Number:	710-90001-220613-T26	**Product Type:**	REG-9000/1
Inlet Seal Number:	1582700		

ASTM D6751 Analysis of REG-9000® Biodiesel

Property		Value	ASTM D6751 Limit	REG-9000® Limit	Units	Test Method (current revision)
Cloud point:		-0.9 *30*	Report	Report	**°C** *(°F)*	D5773
Free Glycerin:		0.003	0.020, max	0.014	**% mass**	D6584
Total Glycerin:		0.029	0.240, max	0.16	**% mass**	D6584
Monoglycerides[1]:		0.104	N/A	0.40, max	**% mass**	D6584
Diglycerides[1]:		0.000	N/A	0.20, max	**% mass**	D6584
Triglycerides[1]:		0.000	N/A	0.20, max	**% mass**	D6584
Water & Sediment:		0.000	0.050, max	0.01	**% volume**	D2709
Acid Number:		0.28	0.50, max	0.40	**mg KOH/g**	D664
Visual Inspection[1]:		1 @ 79.6°F	N/A	1	**Haze rating**	D4176, Procedure 2
Relative Density at 60°F[1]:		0.8825	N/A	0.87 – 0.89	**N/A**	D1298
Oxidation Stability (110 °C):		9.8	3, min	6.0	**hrs**	*EN 15751*
Flash point (closed cup):		180.5	93, min	93	**°C**	D93
Alcohol Control	**Option 1: Methanol**	N/A	0.2, max	0.2	**% mass**	*EN 14110*
	Option 2: Flashpoint	180.5	130, min	130	**°C**	D93
Moisture[1]:		0.021	N/A	0.040, max	**% mass**	E203
Cold Soak Filtration:		90	360	200	**seconds**	D7501
Cold Soak Filter Blocking Tendency[1]:		1.0 *	N/A	Report	**N/A**	CAN/CGSB-3.0 No. 142.0
Sulfur:		1.0	15	15	**ppm (mg/kg)**	D7039
Sodium & Potassium Combined:		<0.2 *	5, max	1.0 (total)	**ppm (mg/kg)**	*EN 14538*
Calcium & Magnesium Combined:		<0.2 *	5, max			
Total Contamination[1]:		0.3 *	N/A	15, max	**mg/L**	D7321
Ester Content[1]:		99.4 *	N/A	97, min	**% mass**	*EN 14103*
Phosphorus:		0.0000 *	0.001, max	0.001	**% mass**	D4951
Carbon Residue:		0.000 *	0.050, max	0.050	**% mass**	D4530
Sulfated Ash:		0.005 *	0.020, max	0.020	**% mass**	D874
Kinematic Viscosity at 40 °C:		4.071 *	1.9-6.0	3.8 – 5.0	**mm²/sec.**	D445
Copper Corrosion (3 hrs at 50 °C):		1a *	No. 3, max	No. 1a	**N/A**	D130
Distillation at 90% Recovered:		351 *	360, max	360	**°C**	D1160
Cetane Number:		49 *	47, min	47	**N/A**	D613

[1] These tests are not ASTM D6751 specification requirements.

* This value is the most recently acquired result for this product from this plant. This test is performed periodically.

Prepared by: Carrie Schmitz Lab Technician/ REG Albert Lea,LLC 06/14/2022

Name Title Location Date

Please contact Inside Sales at Renewable Energy Group, Inc. at (888)734-8686 with any questions or comments about this product.

Biodiesel Certificate of Analysis

FM.LAB.001g Biodiesel Certificate of Analysis - REG CSFBT 20211217

BQ-9000 Producer

Lot Number:	716-90001-220620-T1052	**Product Type:**	REG-9000/1
Inlet Seal Number:	2339400		

ASTM D6751 Analysis of REG-9000® Biodiesel

Property		Value	ASTM D6751 Limit	REG-9000® Limit	Units	Test Method (current revision)
Cloud point:		-4.0 *25*	Report	Report	**°C** *(°F)*	D2500
Free Glycerin:		0.006	0.020, max	0.014	**% mass**	D6584
Total Glycerin:		0.038	0.240, max	0.16	**% mass**	D6584
Monoglycerides[1]:		0.125	N/A	0.40, max	**% mass**	D6584
Diglycerides[1]:		0.000	N/A	0.20, max	**% mass**	D6584
Triglycerides[1]:		0.000	N/A	0.20, max	**% mass**	D6584
Water & Sediment:		0.000	0.050, max	0.01	**% volume**	D2709
Acid Number:		0.26	0.50, max	0.40	**mg KOH/g**	D664
Visual Inspection[1]:		1 @ 25.3°C	N/A	1	**Haze rating**	D4176, Procedure 2
Relative Density at 60°F[1]:		0.8830	N/A	0.87 – 0.89	**N/A**	D1298
Oxidation Stability (110 °C):		10.6	3, min	6.0	**hrs**	*EN 15751*
Flash point (closed cup):		196.0	93, min	93	**°C**	D93
Alcohol Control	**Option 1: Methanol**	N/A	0.2, max	0.2	**% mass**	*EN 14110*
	Option 2: Flashpoint	196.0	130, min	130	**°C**	D93
Moisture[1]:		0.010	N/A	0.040, max	**% mass**	D6304
Cold Soak Filtration:		93	360	200	**seconds**	D7501
Cold Soak Filter Blocking Tendency[1]:		1.0	N/A	Report	**N/A**	CAN/CGSB-3.0 No. 142.0
Sulfur:		1.2	15	15	**ppm (mg/kg)**	D7039
Sodium & Potassium Combined:		< 0.2 *	5, max	1.0 (total)	**ppm (mg/kg)**	*EN 14538*
Calcium & Magnesium Combined:		<0.2 *	5, max			
Total Contamination[1]:		0.9 *	N/A	15, max	**mg/L**	D7321
Ester Content[1]:		99.9 *	N/A	97, min	**% mass**	*EN 14103*
Phosphorus:		0.0000 *	0.001, max	0.001	**% mass**	D4951
Carbon Residue:		0.005 *	0.050, max	0.050	**% mass**	D4530
Sulfated Ash:		0.005 *	0.020, max	0.020	**% mass**	D874
Kinematic Viscosity at 40 °C:		4.076 *	1.9-6.0	3.8 – 5.0	**mm²/sec.**	D445
Copper Corrosion (3 hrs at 50 °C):		1A *	No. 3, max	No. 1a	**N/A**	D130
Distillation at 90% Recovered:		350 *	360, max	360	**°C**	D1160
Cetane Number:		49 *	47, min	47	**N/A**	D613

[1] These tests are not ASTM D6751 specification requirements.

* This value is the most recently acquired result for this product from this plant. This test is performed periodically.

Prepared by: Ryan Wojda (Name) — Lab Tech (Title) — REG Mason City (Location) — 6/22/2022 (Date)

Please contact Inside Sales at Renewable Energy Group, Inc. at (888)734-8686 with any questions or comments about this product.

CRIMSON
RENEWABLE ENERGY, LP

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Biodiesel Tank Report

Document Revision Number: 09
Revision Date: 12/16/2022

Tank Number: PO17
Current Lot ID: 23010417
Date: 1/4/2023
Antioxidant Name: Nalco EC5208A
Antioxidant %m/m: 0.0250

Test	Method	ASTM D6751*	Units	Result
Methanol Content	AOCS Ck 2-09	0.2% max.	% mass	0.07
Water and Sediment	ASTM D2709	0.05 max.	% volume	0.001
Cloud Point	AOCS Ck 2-09	Report	° C	1.9
Acid Number	ASTM D664	0.5 max.	mg KOH/g	0.38
Monoglycerides	AOCS Ck 2-09	0.5 max.	% mass	0.204
Diglycerides	AOCS Ck 2-09	n/a	% mass	0.005
Triglycerides	AOCS Ck 2-09	n/a	% mass	0.050
Free Glycerin	AOCS Ck 2-09	0.02 max.	% mass	0.007
Total Glycerin	AOCS Ck 2-09	0.24 max.	% mass	0.072
Sulfur Content	ASTM D7039	15 max.	ppm	9.6
Oxidation Stability (Rancimat)	EN 15751	3 min.	hours	4.8
Visual Appearance	ASTM 4176	Report	visual	Clear & Bright, 1
Cold Soak Filterability	ASTM D7501	360 max.	sec	180
Water Content	ASTM D6304	Report	ppm	253
Density, 15°C	ASTM D4052	0.86 - 0.90	g/mL	0.8850
Calcium & Magnesium, combined	EN 14538	5 max.	ppm	<1.0
Sodium & Potassium, combined	EN 14538	5 max.	ppm	<2.0
Distillation Temperature	ASTM D1160**	360 max.	deg C	351
Copper Strip Corrosion Rating	ASTM D130**	No 3 max.	n/a	1a
Kinematic Viscosity, 40°C	ASTM D445**	1.9-6.0	mm^2/sec	4.415
Carbon Residue	ASTM D4530**	0.050 max.	% mass	0.02
Phosphorous content	ASTM D4951**	0.0010 max.	% mass	0.000022
Sulfated Ash	ASTM D874**	0.020 max.	% mass	<0.005
Cetane Number	ASTM D6890**	47 min.	n/a	53.7
Flash Point	ASTM D93	93 min.	°C	122.0

*ASTM D6751 Analyses are performed in accordance with the most current methods.
Produced and tested according to BQ-9000 standards
*** indicates testing performed by an outside lab and are typical results based on most recent testing*

Biodiesel CofA Reviewed by: _____ Chris Dixon, Quality Manager

CRIMSON RENEWABLE ENERGY, LP

17731 Millux Road
Bakersfield, CA 93311
tel: (661) 617-8610
fax: (661) 617-5615

Biodiesel Tank Report

Document Revision Number: 09
Revision Date: 12/16/2022

Tank Number: PO17
Current Lot ID: 23021217
Date: 2/13/2023
Antioxidant Name: Nalco EC5208A
Antioxidant %m/m: 0.0250

Test	Method	ASTM D6751*	Units	Result
Methanol Content	AOCS Ck 2-09	0.2% max.	% mass	0.04
Water and Sediment	ASTM D2709	0.05 max.	% volume	0.001
Cloud Point	AOCS Ck 2-09	Report	° C	1.6
Acid Number	ASTM D664	0.5 max.	mg KOH/g	0.27
Monoglycerides	AOCS Ck 2-09	0.5 max.	% mass	0.192
Diglycerides	AOCS Ck 2-09	n/a	% mass	0.005
Triglycerides	AOCS Ck 2-09	n/a	% mass	0.050
Free Glycerin	AOCS Ck 2-09	0.02 max.	% mass	0.002
Total Glycerin	AOCS Ck 2-09	0.24 max.	% mass	0.050
Sulfur Content	ASTM D7039	15 max.	ppm	9.9
Oxidation Stability (Rancimat)	EN 15751	3 min.	hours	6.2
Visual Appearance	ASTM 4176	Report	visual	Clear & Bright, 1
Cold Soak Filterability	ASTM D7501	360 max.	sec	120
Water Content	ASTM D6304	Report	ppm	188
Density, 15°C	ASTM D4052	0.86 - 0.90	g/mL	0.8824
Calcium & Magnesium, combined	EN 14538	5 max.	ppm	0.1
Sodium & Potassium, combined	EN 14538	5 max.	ppm	0.6
Distillation Temperature	ASTM D1160**	360 max.	deg C	351
Copper Strip Corrosion Rating	ASTM D130**	No 3 max.	n/a	1a
Kinematic Viscosity, 40°C	ASTM D445**	1.9-6.0	mm^2/sec	4.415
Carbon Residue	ASTM D4530**	0.050 max.	% mass	0.02
Phosphorous content	ASTM D4951**	0.0010 max.	% mass	0.000022
Sulfated Ash	ASTM D874**	0.020 max.	% mass	<0.005
Cetane Number	ASTM D6890**	47 min.	n/a	53.7
Flash Point	ASTM D93	93 min.	°C	124.0

*ASTM D6751 Analyses are performed in accordance with the most current methods.
Produced and tested according to BQ-9000 standards
*** indicates testing performed by an outside lab and are typical results based on most recent testing*

Biodiesel CofA Reviewed by: _____ Chris Dixon, Quality Manager

*Click thumbnail to view preview

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KERN ENERGY
We Fuel the Future

CARB No. 2 ULSD Diesel Fue

Tank: #2 DIESEL TK 20000
Batch:2023-043

ASTM	Test	UOM	Low Spec
D-4052	API Gravity	API	30.0
D-6045	Color		
D-4176	Appearance, Visual		
D-93	Flash Point, PMCC	deg F	125
D-5453	Sulfur	wt. ppm	
D-445/D-2161	Viscosity	SUS @ 100F	32.6
D-5949	Pour Point	deg F	
D-5773	Cloud Point	deg F	
D-1796	Water & Sediment	vol %	
D-130	Corrosion, Copper Strip		
D-524	Ramsbottom Carbon	wt. %	
D-482	Ash	wt %	
D-613	Cetane Number, Motor		46.3
D-86	Distillation		
	IBP	deg F	Report
	30% Rec	deg F	Report
	50% Rec	deg F	Report
	70% Rec	deg F	Report
	90% Rec	deg F	
	End Point	deg F	Report
D-5186	Aromatics	vol %	Report (1)
D-5186M	Polycyclic Aromatics	wt. %	Report (1)
D-6079	Lubricity	Micron	
D-4629	Nitrogen	wt. ppm	Report

(1) Conforms to CARB Certified Formula and Includes the Required Dosage of JC-747 Combustion

These results conform with ASTM D-975

APPENDIX D

PO00036PC6

Moisture Data – Raw Material & Finished Product

ARCOSA Lightweight Frazier Park

Moisture Content - Raw Material and Finished Product

First Quarter

Mar-22 Area Pulled

	Moisture
Finished Product at Kiln 3 (Conveyor # 25)	14.9%
Finished Product at Kiln 4 (Conveyor # 26)	14.6%
Disintegrator Feed Belt (# 4)	15.3%
Raw Material Hopper Feed Belt (# 16)	16.8%
Raw Material Pug Mill Feed Belt (# 17)	24.7%

Apr-22 Area Pulled

	Moisture
Finished Product at Kiln 3 (Conveyor # 25)	15.1%
Finished Product at Kiln 4 (Conveyor # 26)	14.7%
Disintegrator Feed Belt (# 4)	16.3%
Raw Material Hopper Feed Belt (# 16)	14.9%
Raw Material Pug Mill Feed Belt (# 17)	22.6%

May-22 Area Pulled

	Moisture
Finished Product at Kiln 3 (Conveyor # 25)	14.5%
Finished Product at Kiln 4 (Conveyor # 26)	15.2%
Disintegrator Feed Belt (# 4)	13.9%
Raw Material Hopper Feed Belt (# 16)	14.1%
Raw Material Pug Mill Feed Belt (# 17)	23.6%

Jun-22 Area Pulled

	Moisture
Finished Product at Kiln 3 (Conveyor # 25)	13.8%
Finished Product at Kiln 4 (Conveyor # 26)	14.6%
Disintegrator Feed Belt (# 4)	15.7%
Raw Material Hopper Feed Belt (# 16)	15.9%
Raw Material Pug Mill Feed Belt (# 17)	22.1%

Second Quarter

Jul-22 Area Pulled

	Moisture
Finished Product at Kiln 3 (Conveyor # 25)	16.3%
Finished Product at Kiln 4 (Conveyor # 26)	15.7%
Disintegrator Feed Belt (# 4)	14.5%
Raw Material Hopper Feed Belt (# 16)	16.2%
Raw Material Pug Mill Feed Belt (# 17)	24.7%

Aug-22 Area Pulled

	Moisture
Finished Product at Kiln 3 (Conveyor # 25)	15.1%
Finished Product at Kiln 4 (Conveyor # 26)	15.7%
Disintegrator Feed Belt (# 4)	13.8%
Raw Material Hopper Feed Belt (# 16)	15.3%
Raw Material Pug Mill Feed Belt (# 17)	23.3%

Sep-22 Area Pulled

	Moisture
Finished Product at Kiln 3 (Conveyor # 25)	13.9%
Finished Product at Kiln 4 (Conveyor # 26)	15.4%
Disintegrator Feed Belt (# 4)	14.6%
Raw Material Hopper Feed Belt (# 16)	15.5%
Raw Material Pug Mill Feed Belt (# 17)	21.8%

Third Quarter

Oct-22 Area Pulled

	Moisture
Finished Product at Kiln 3 (Conveyor # 25)	13.9%
Finished Product at Kiln 4 (Conveyor # 26)	15.2%
Disintegrator Feed Belt (# 4)	15.9%
Raw Material Hopper Feed Belt (# 16)	16.8%
Raw Material Pug Mill Feed Belt (# 17)	21.5%

Nov-22 Area Pulled

	Moisture
Finished Product at Kiln 3 (Conveyor # 25)	15.4%
Finished Product at Kiln 4 (Conveyor # 26)	16.1%
Disintegrator Feed Belt (# 4)	16.8%
Raw Material Hopper Feed Belt (# 16)	16.7%
Raw Material Pug Mill Feed Belt (# 17)	26.9%

Dec-22 Area Pulled

	Moisture
Finished Product at Kiln 3 (Conveyor # 25)	9.9%
Finished Product at Kiln 4 (Conveyor # 26)	16.1%
Disintegrator Feed Belt (# 4)	16.6%
Raw Material Hopper Feed Belt (# 16)	17.5%
Raw Material Pug Mill Feed Belt (# 17)	24.9%

Four Quarter

Jan-23 Area Pulled

	Moisture
Finished Product at Kiln 3 (Conveyor # 25)	15.6%
Finished Product at Kiln 4 (Conveyor # 26)	15.1%
Disintegrator Feed Belt (# 4)	17.2%
Raw Material Hopper Feed Belt (# 16)	18.6%
Raw Material Pug Mill Feed Belt (# 17)	28.0%

Feb-23 Area Pulled

	Moisture
Finished Product at Kiln 3 (Conveyor # 25)	8.6%
Finished Product at Kiln 4 (Conveyor # 26)	15.1%
Disintegrator Feed Belt (# 4)	17.8%
Raw Material Hopper Feed Belt (# 16)	19.5%
Raw Material Pug Mill Feed Belt (# 17)	25.1%

Mar-23 Area Pulled

	Moisture
Finished Product at Kiln 3 (Conveyor # 25)	13.6%
Finished Product at Kiln 4 (Conveyor # 26)	15.2%
Disintegrator Feed Belt (# 4)	17.1%
Raw Material Hopper Feed Belt (# 16)	18.4%
Raw Material Pug Mill Feed Belt (# 17)	24.7%

Company: Arcosa Lightweight LWFP, LLC.
Plant Address: 17410 Lockwood Valley Rd
City/ State: Frazier Park, CA 93225

Ventura County Air Pollution Control District
Semi Annual Report #1

Reporting Period Start: 4/1/2022
Reporting Period End: 09/31/2023

ARCOSA Lightweight

Report: Density Finished Material

UOM: lb/hour

April			May			June			July			August			September		
Date	K3	K4	Date	K3	K4	Date	K3	K4	Date	K3	K4	Date	K3	K4	Date	K3	K4
1	NA	47.25	1	47.00	46.75	1	47.00	47.13	1	NA	46.75	1	48.33	47.89	1	47.00	NA
2	NA	46.42	2	47.86	47.25	2	47.30	47.00	2	NA	47.08	2	49,36	47.33	2	45.17	45.67
3	NA	46.82	3	NA	46.58	3	47.00	46.83	3	NA	47.00	3	47.29	48.72	3	46.58	46.20
4	NA	47.67	4	NA	47.08	4	47.33	47.20	4	NA	46.92	4	46.59	48.11	4	46.58	46.75
5	NA	47.25	5	NA	47.33	5	47.11	47.00	5	NA	47.08	5	45.98	47.79	5	47.00	47.22
6	47.20	46.90	6	NA	47.27	6	46.92	46.90	6	NA	46.70	6	46.77	46.90	6	47.13	46.00
7	47.33	46.70	7	NA	46.50	7	46.55	47.09	7	46.43	46.82	7	47.18	47.27	7	NA	46.08
8	46.00	46.75	8	NA	46.33	8	47.08	47.25	8	46.92	46.83	8	48.73	48.06	8	46.89	46.55
9	46.75	46.17	9	NA	46.92	9	47.50	47.08	9	46.67	46.83	9	47.05	48.53	9	45.78	47.45
10	47.00	46.42	10	NA	47.30	10	47.75	47.42	10	47.00	46.67	10	47.08	47.92	10	46.08	46.17
11	46.58	46.67	11	47.09	47.50	11	47.45	47.36	11	47.00	47.00	11	48.72	48,56	11	47.33	46.67
12	47.08	46.67	12	47.25	47.17	12	47.75	47.00	12	46.67	46.70	12	48.63	47.22	12	47.83	47.33
13	47.18	46.80	13	47.58	47.00	13	NA	47.14	13	46.00	46.73	13	47.59	48.00	13	47.64	46.67
14	47.75	47.20	14	47.25	47.17	14	NA	47.08	14	47.25	47.40	14	46.83	46.69	14	46.00	46.89
15	49.00	47.25	15	47.33	46.92	15	48.00	47.50	15	46.36	46.75	15	46.88	47.38	15	46.78	47.00
16	47.40	47.45	16	47.33	47.33	16	47.18	46.92	16	47.29	47.08	16	47.49	47.50	16	48.08	46.39
17	47.75	47.36	17	47.50	47.17	17	46.92	46.67	17	48.00	47.42	17	47.64	48.88	17	47.11	49.05
18	47.25	47.67	18	NA	47.00	18	47.08	46.71	18	47.88	47.42	18	48.03	49.27	18	49.08	46.89
19	47.00	48.00	19	48.09	48.42	19	46.83	47.20	19	46.60	47.00	19	49.14	48.63	19	47.33	47.18
20	47.00	46.78	20	47.30	47.00	20	47.00	47.33	20	47.00	47.08	20	49.08	47.42	20	46.08	46.25
21	47.17	46.92	21	47.83	47.33	21	49.00	47.58	21	47.25	47.00	21	47.29	48.48	21	44.89	46.50
22	46.88	46.42	22	47.40	47.08	22	46.83	47.08	22	46.92	47.08	22	47.91	48.30	22	45.79	46.75
23	46.67	46.67	23	47.50	48.25	23	47.17	47.08	23	46.32	47.00	23	47.33	47.00	23	48.48	47.58
24	47.36	47.00	24	47.89	48.00	24	47.17	47.08	24	48.20	48.33	24	47.17	47.00	24	47.06	47.92
25	48.00	47.17	25	47.40	47.44	25	47.33	47.71	25	46.67	47.24	25	46.33	NA	25	47.80	47.25
26	47.44	47.45	26	47.33	48.00	26	47.33	NA	26	40.30	47.67	26	47.25	NA	26	46.68	47.33
27	47.33	47.83	27	47.08	47.25	27	46.67	NA	27	47.80	48.68	27	47.22	NA	27	45.77	46.90
28	47.08	47.00	28	47.73	47.27	28	46.92	NA	28	47.50	47,49	28	47.33	NA	28	48.61	47.58
29	47.00	47.64	29	47.17	47.08	29	47.17	47.30	29	49.45	46,32	29	46.58	NA	29	26.45	46.50
30	47.20	46.75	30	47.14	47.00	30	47.22	47.10	30	48.56	45.22	30	46.25	NA	30	NA	NA
			31	47.67	47.33				31	47.35	48.69	31	46.42	NA			
Average	47.01	47.04	Average	47.44	47.23	Average	47.23	47.14	Average	46.94	47.11	Average	47.40	47.84	Average	46.18	46.88

Company: Arcosa Lightweight LWFP, LLC.
Plant Address: 17410 Lockwood Valley Rd
City/ State: Frazier Park, CA 93225

Ventura County Air Pollution Control District
Semi Annual Report

Reporting Period Start: 10/1/2022
Reporting Period End: 3/31/2023

ARCOSA Lightweight

Report: Density Finished Material

UOM: lb/hour

October			November			December			January			February			March		
Date	K3	K4	Date	K3	K4	Date	K3	K4	Date	K3	K4	Date	K3	K4	Date	K3	K4
1	NA	47.08	1	47.17	46.67	1	NA	47.17	1	46.50	46.25	1	47.80	46.80	1	47.25	NA
2	NA	47.00	2	47.08	46.50	2	NA	47.00	2	47.17	47.42	2	47.18	46.33	2	NA	NA
3	NA	46.73	3	47.33	46.92	3	NA	47.00	3	46.75	46.92	3	46.67	46.67	3	NA	47.67
4	NA	46.33	4	46.83	46.92	4	NA	46.92	4	47.08	46.67	4	46.75	47.11	4	NA	47.80
5	NA	46.50	5	47.00	46.92	5	NA	47.17	5	47.18	46.91	5	47.08	47.17	5	NA	47.08
6	NA	46.50	6	47.18	47.45	6	NA	46.67	6	47.00	46.75	6	46.83	NA	6	NA	47.00
7	NA	47.25	7	46.50	47.08	7	NA	46.75	7	NA	47.25	7	47.25	NA	7	NA	47.00
8	NA	46.92	8	NA	NA	8	NA	46.83	8	46.22	46.50	8	46.33	NA	8	NA	47.50
9	NA	47.08	9	47.00	NA	9	NA	46.67	9	47.25	NA	9	47.00	NA	9	NA	47.83
10	NA	46.91	10	47.11	46.60	10	NA	47.00	10	46.67	NA	10	NA	NA	10	NA	47.40
11	NA	46.75	11	47.00	46.83	11	NA	46.92	11	47.00	NA	11	NA	NA	11	NA	47.44
12	NA	46.83	12	46.92	46.58	12	NA	46.67	12	47.08	NA	12	NA	NA	12	NA	47.36
13	NA	46.50	13	46.56	46.67	13	NA	46.83	13	46.75	NA	13	48.00	NA	13	NA	47.92
14	NA	47.10	14	48.00	46.92	14	NA	46.67	14	NA	NA	14	NA	NA	14	NA	47.58
15	NA	NA	15	47.00	46.70	15	NA	46.92	15	NA	NA	15	49.00	NA	15	NA	47.42
16	NA	47.25	16	46.50	46.67	16	NA	47.00	16	NA	NA	16	48.42	NA	16	NA	47.25
17	NA	47.08	17	46.92	47.25	17	NA	46.73	17	46.83	47.50	17	49.00	NA	17	NA	47.17
18	NA	47.08	18	46.50	46.50	18	NA	47.00	18	47.25	47.17	18	NA	NA	18	NA	NA
19	NA	46.09	19	46.58	45.92	19	NA	46.92	19	47.67	47.67	19	48.70	NA	19	NA	47.20
20	NA	47.00	20	47.13	46.75	20	NA	46.73	20	48.43	48.20	20	48.60	NA	20	NA	46.75
21	NA	46.67	21	NA	47.00	21	NA	47.50	21	NA	47.08	21	48.00	NA	21	NA	47.25
22	NA	46.60	22	NA	46.45	22	NA	47.25	22	47.88	47.27	22	47.17	NA	22	NA	46.83
23	NA	47.18	23	NA	46.50	23	NA	46.75	23	47.22	47.08	23	47.08	NA	23	NA	46.75
24	49.58	46.75	24	NA	47.25	24	NA	47.08	24	46.56	47.42	24	47.17	NA	24	NA	47.83
25	47.08	46.75	25	NA	46.92	25	NA	46.50	25	46.67	46.80	25	48.80	NA	25	NA	47.67
26	47.17	46.58	26	NA	46.80	26	NA	46.92	26	47.25	47.44	26	47.67	NA	26	NA	47.75
27	47.25	46.75	27	NA	46.64	27	NA	47.11	27	47.17	47.58	27	47.60	NA	27	NA	47.33
28	47.33	46.58	28	NA	46.58	28	NA	47.33	28	46.83	47.50	28	48.75	NA	28	NA	47.42
29	46.75	46.75	29	NA	46.50	29	47.09	47.38	29	47.25	47.08				29	NA	46.83
30	47.50	46.67	30	NA	46.50	30	47.25	46.92	30	46.58	46.58				30	NA	47.00
31	47.00	47.45				31	47.08	47.17	31	46.64	46.91				31	NA	47.17
Average	47.46	46.82	Average	46.96	46.75	Average	47.14	46.95	Average	47.03	47.13	Average	47.69	46.82	Average	47.25	47.33

APPENDIX E

PO00036PC7 Rule 50
40 CFR Part 60 Subpart OOO

Quarterly Formal Survey - Opacity

Arcosa Lightweight's Quarterly Formal Survey For Attachment 50
Part 70 Permit # 0036

Quarter #2: 2022 Page 1 of 2

Visible Emissions other than uncombined water greater than zero percent for a period or periods agregating more than 3 minutes in any one hour.

Date	Time	Emissions Unit #	Description	YES	No	*Initials*
			Kiln Deck			
06/21/22	8:00 AM	E13	Kiln # 3 Baghouse		X	RS
06/21/22	8:00 AM	E14	Kiln #4 Baghouse		X	RS
06/21/22	8:00 AM	E24	100 CY Silo / w Bin Vent		X	RS
06/21/22	NA	28	Belt Conveyor (Dust to Raw Plant)		X	RS
06/21/22	8:30 AM	16	Kiln Material K3 Feeder Belt		X	RS
06/21/22	8:30 AM	18	Kiln Material K4 Feeder Belt		X	RS
06/21/22	9:00 AM	25	Kiln Material Belt (Incline)		X	RS
06/21/22	9:00 AM	22	Kiln Material Belt (Short Incline)		X	RS
06/21/22	9:00 AM	21	Kiln Material Belt (Long Incline)		X	RS
06/21/22	9:30 AM	E36	Aggregate Cooler for K3		X	RS
06/21/22	10:00 AM	E37	Aggregate Cooler for K4		X	RS
06/21/22	9:30 AM	E17	Sytron Vibrating Belt K3 Shuttle		X	RS
06/21/22	10:00 AM	E18	Sytron Vibrating Belt K4 Shuttle		X	RS
			Raw Plant			
06/21/22	NA	E37	Grizzly Raw Material Receiving Hopper (Stand-by)		X	RS
06/21/22	NA	E38	Inside Raw PlantRecieving Hopper (Stand-By)		X	RS
06/21/22	NA	15	Inside Feed Belt Conveyor (Stand-By)		X	RS
06/21/22	12:00 PM	E1	Syntron Raw Material Vibrating Belt Conveyor (East)		X	RS
06/21/22	12:00 PM	E2	Syntron Raw Material Vibrating Belt Conveyor (West)		X	RS
06/21/22	12:30 PM	E5	Disintegrator Raw Material (Roller) Crusher		X	RS
06/21/22	1:00 PM	E7	Symons #1 Raw Material Screen		X	RS
06/21/22	1:00 PM	E9	Symons #2 Raw Material Screen		X	RS
06/21/22	1:30 PM	E39	Raw Material Extruder Hopper		X	RS
06/21/22	1:30 PM	E19	JC Steele Raw Material Pug Mill		X	RS
06/21/22	1:30 PM	E20	JC Steele Raw Material Extruder		X	RS
06/21/22	12:30 PM	4	Disintegrator Feed Belt		X	RS
06/21/22	2:00 PM	11	Raw Materials Symons Screen #2 Discharge Belt		X	RS
06/21/22	2:00 PM	12	Raw Materials Symons Screen #1 Discharge Belt		X	RS
06/21/22	2:00 PM	13	Raw Materials Symons Screens Tail Belt		X	RS
06/21/22	2:30 PM	14	Raw Materials Loop Belt		X	RS
06/21/22	2:30 PM	16	Raw Materials Hopper Feed Belt		X	RS
06/21/22	3:00 PM	17	Raw Materials Pug Feed Belt (From Silo)		X	RS
06/21/22	3:00 PM	18	Raw Materials Pug Feed Belt (From Hopper)		X	RS
06/22/22	8:00 AM	21	Raw Materials Extruder Tail Belt		X	RS
06/22/22	8:00 AM	22	Raw Materials Conveyor to Raw Materials Tank #3 & 4		X	RS
06/22/22	8:30 AM	23	Raw Materials Conveyor to Raw Materials Tank #3 & 4		X	RS
06/22/22	8:45 AM	E41	350 CY Raw Materials Tank #3		X	RS
06/22/22	8:45 AM	E42	350 CY Raw Materials Tank #4		X	RS
06/22/22	NA	E28	Baghouse Dump Screw Auger		X	RS
06/22/22	9:00 AM	E29	Raw Plant Baghouse		X	RS

Arcosa Lightweight's Quarterly Formal Survey For Attachment 50
Part 70 Permit # 0036

Quarter #2: 2022 Page 2 of 2

Visible Emissions other than uncombined water greater than zero percent for a period or periods agregating more than 3 minutes in any one hour.

Date	Time	Emissions Unit #	Description	YES	No	*Initials*
			Finished End			
06/22/22	9:30 AM	E19	Finished End Tower Screen (Scalping Screen, 2 Decks)		X	RS
06/22/22	10:00 AM	E30	Finished End Vertical Impact Crusher (VIC)		X	RS
06/22/22	10:30 AM	E34	Finished End Symons Screen (1 Deck)		X	RS
06/22/22	11:00 AM	E22	Finished End Overstrom Screen Deck (1 Deck)		X	RS
06/22/22	11:00 AM	E23	Finished End O'Brein Sceen Deck (1 Deck)		X	RS
06/22/22	11:00 AM	E21	Finished End Yogi Screen Deck (2 Decks)		X	RS
29			115 CY Finished Product Tank	**Out Of Service**		
33			Rex Finished Product Bucket Elevtor	**Out Of Service**		
06/23/22	9:30 AM	25	Finished End Conveyor Belt		X	RS
06/23/22	9:30 AM	26	Finished End Conveyor Belt		X	RS
06/23/22	10:00 AM	54	Finished End Conveyor Belt		X	RS
06/23/22	10:00 AM	55	Finished End Conveyor Belt		X	RS
06/23/22	11:00 AM	28	Finished End Chute Conveyor		X	RS
06/23/22	11:00 AM	29	Finished End Radial Stacker		X	RS
30			Finished End Conveyor Belt	**Out Of Service**		
06/22/22	1:00 PM	31	Finished End Conveyor Belt		X	RS
06/22/22	1:00 PM	32	Finished End Conveyor Belt		X	RS
06/22/22	1:00 PM	33	Finished End Conveyor Belt		X	RS
06/22/22	1:00 PM	34	Finished End Conveyor Belt		X	RS
06/22/22	1:30 PM	35	Finished End Conveyor Belt		X	RS
06/22/22	1:30 PM	36	Finished End Conveyor Belt		X	RS
06/22/22	1:30 PM	37	Finished End Conveyor Belt		X	RS
06/22/22	1:30 PM	38	Finished End Conveyor Belt		X	RS
06/22/22	2:00 PM	39	Finished End Conveyor Belt		X	RS
06/22/22	2:00 PM	40	Finished End Conveyor Belt		X	RS
06/22/22	2:00 PM	41	Finished End Conveyor Belt		X	RS
06/22/22	2:00 PM	42	Finished End Conveyor Belt		X	RS
06/22/22	2:00 PM	43	Finished End Conveyor Belt		X	RS
06/22/22	2:00 PM	44	Finished End Conveyor Belt		X	RS
06/22/22	2:30 PM	45	Finished End Conveyor Belt		X	RS
06/22/22	2:30 PM	46	Finished End Conveyor Belt (Stand-by for VIC Crusher)		X	RS
06/22/22	3:00 PM	47	Finished End Conveyor Belt		X	RS
06/22/22	3:00 PM	48	Finished End Conveyor Belt		X	RS
06/22/22	3:00 PM	49	Finished End Conveyor Belt		X	RS
06/22/22	3:30 PM	E27	Finished End Baghouse		X	RS
E40			Sytron Conveyor	**Out Of Service**		
			Portable Screening Plant (Powerscreen Chiefain 2100S, 3 Deck Incline Screen)			
06/23/22	8:00 AM	1	Receiving Hopper		X	RS
06/23/22	8:00 AM	1	Triple Deck Screen		X	RS
06/23/22	8:30 AM	6	Conveyors			

Arcosa Lightweight's Quarterly Formal Survey For Attachment 50
Part 70 Permit # 0036

Quarter #3: 2022 Page 1 of 2	Visible Emissions other than uncombined water greater than zero percent for a period or periods agregating more than 3 minutes in any one hour.

Date	Time	Emissions Unit #	Description	YES	No	*Initials*
			Kiln Deck			
09/13/22	8:00 AM	E13	Kiln # 3 Baghouse		X	RS
09/13/22	8:00 AM	E14	Kiln #4 Baghouse		X	RS
09/13/22	8:00 AM	E24	100 CY Silo / w Bin Vent		X	RS
09/13/22	NA	28	Belt Conveyor (Dust to Raw Plant)		X	RS
09/13/22	8:30 AM	16	Kiln Material K3 Feeder Belt		X	RS
09/13/22	8:30 AM	18	Kiln Material K4 Feeder Belt		X	RS
09/13/22	9:00 AM	25	Kiln Material Belt (Incline)		X	RS
09/13/22	9:00 AM	22	Kiln Material Belt (Short Incline)		X	RS
09/13/22	9:00 AM	21	Kiln Material Belt (Long Incline)		X	RS
09/13/22	9:30 AM	E36	Aggregate Cooler for K3		X	RS
09/13/22	10:00 AM	E37	Aggregate Cooler for K4		X	RS
09/13/22	9:30 AM	E17	Sytron Vibrating Belt K3 Shuttle		X	RS
09/13/22	10:00 AM	E18	Sytron Vibrating Belt K4 Shuttle		X	RS
			Raw Plant			
09/13/22	NA	E37	Grizzly Raw Material Receiving Hopper (Stand-by)		X	RS
09/13/22	NA	E38	Inside Raw PlantRecieving Hopper (Stand-By)		X	RS
09/13/22	NA	15	Inside Feed Belt Conveyor (Stand-By)		X	RS
09/13/22	12:00 PM	E1	Syntron Raw Material Vibrating Belt Conveyor (East)		X	RS
09/13/22	12:00 PM	E2	Syntron Raw Material Vibrating Belt Conveyor (West)		X	RS
09/13/22	12:30 PM	E5	Disintegrator Raw Material (Roller) Crusher		X	RS
09/13/22	1:00 PM	E7	Symons #1 Raw Material Screen		X	RS
09/13/22	1:00 PM	E9	Symons #2 Raw Material Screen		X	RS
09/13/22	1:30 PM	E39	Raw Material Extruder Hopper		X	RS
09/13/22	1:30 PM	E19	JC Steele Raw Material Pug Mill		X	RS
09/13/22	1:30 PM	E20	JC Steele Raw Material Extruder		X	RS
09/13/22	12:30 PM	4	Disintegrator Feed Belt		X	RS
09/13/22	2:00 PM	11	Raw Materials Symons Screen #2 Discharge Belt		X	RS
09/13/22	2:00 PM	12	Raw Materials Symons Screen #1 Discharge Belt		X	RS
09/13/22	2:00 PM	13	Raw Materials Symons Screens Tail Belt		X	RS
09/13/22	2:30 PM	14	Raw Materials Loop Belt		X	RS
09/13/22	2:30 PM	16	Raw Materials Hopper Feed Belt		X	RS
09/13/22	3:00 PM	17	Raw Materials Pug Feed Belt (From Silo)		X	RS
09/13/22	3:00 PM	18	Raw Materials Pug Feed Belt (From Hopper)		X	RS
09/14/22	8:00 AM	21	Raw Materials Extruder Tail Belt		X	RS
09/14/22	8:00 AM	22	Raw Materials Conveyor to Raw Materials Tank #3 & 4		X	RS
09/14/22	8:30 AM	23	Raw Materials Conveyor to Raw Materials Tank #3 & 4		X	RS
09/14/22	8:45 AM	E41	350 CY Raw Materials Tank #3		X	RS
09/14/22	8:45 AM	E42	350 CY Raw Materials Tank #4		X	RS
09/14/22	NA	E28	Baghouse Dump Screw Auger		X	RS
09/14/22	9:00 AM	E29	Raw Plant Baghouse		X	RS

Arcosa Lightweight's Quarterly Formal Survey For Attachment 50
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Quarter #3: 2022 Page 2 of 2	**Visible Emissions other than uncombined water greater than zero percent for a period or periods agregating more than 3 minutes in any one hour.**

Date	Time	Emissions Unit #	Description	YES	No	*Initials*
Finished End						
09/14/22	9:30 AM	E19	Finished End Tower Screen (Scalping Screen, 2 Decks)		X	RS
09/14/22	10:00 AM	E30	Finished End Vertical Impact Crusher (VIC)		X	RS
09/14/22	10:30 AM	E34	Finished End Symons Screen (1 Deck)		X	RS
09/14/22	11:00 AM	E22	Finished End Overstrom Screen Deck (1 Deck)		X	RS
09/14/22	11:00 AM	E23	Finished End O'Brein Sceen Deck (1 Deck)		X	RS
09/14/22	11:00 AM	E21	Finished End Yogi Screen Deck (2 Decks)		X	RS
29			115 CY Finished Product Tank	Out Of Service		
33			Rex Finished Product Bucket Elevtor	Out Of Service		
09/15/22	9:30 AM	25	Finished End Conveyor Belt		X	RS
09/15/22	9:30 AM	26	Finished End Conveyor Belt		X	RS
09/15/22	10:00 AM	54	Finished End Conveyor Belt		X	RS
09/15/22	10:00 AM	55	Finished End Conveyor Belt		X	RS
09/15/22	11:00 AM	28	Finished End Chute Conveyor		X	RS
09/15/22	11:00 AM	29	Finished End Radial Stacker		X	RS
30			Finished End Conveyor Belt	Out Of Service		
09/14/22	1:00 PM	31	Finished End Conveyor Belt		X	RS
09/14/22	1:00 PM	32	Finished End Conveyor Belt		X	RS
09/14/22	1:00 PM	33	Finished End Conveyor Belt		X	RS
09/14/22	1:00 PM	34	Finished End Conveyor Belt		X	RS
09/14/22	1:30 PM	35	Finished End Conveyor Belt		X	RS
09/14/22	1:30 PM	36	Finished End Conveyor Belt		X	RS
09/14/22	1:30 PM	37	Finished End Conveyor Belt		X	RS
09/14/22	1:30 PM	38	Finished End Conveyor Belt		X	RS
09/14/22	2:00 PM	39	Finished End Conveyor Belt		X	RS
09/14/22	2:00 PM	40	Finished End Conveyor Belt		X	RS
09/14/22	2:00 PM	41	Finished End Conveyor Belt		X	RS
09/14/22	2:00 PM	42	Finished End Conveyor Belt		X	RS
09/14/22	2:00 PM	43	Finished End Conveyor Belt		X	RS
09/14/22	2:00 PM	44	Finished End Conveyor Belt		X	RS
09/14/22	2:30 PM	45	Finished End Conveyor Belt		X	RS
09/14/22	2:30 PM	46	Finished End Conveyor Belt (Stand-by for VIC Crusher)		X	RS
09/14/22	3:00 PM	47	Finished End Conveyor Belt		X	RS
09/14/22	3:00 PM	48	Finished End Conveyor Belt		X	RS
09/14/22	3:00 PM	49	Finished End Conveyor Belt		X	RS
09/14/22	3:30 PM	E27	Finished End Baghouse		X	RS
E40			Sytron Conveyor	Out Of Service		
Portable Screening Plant (Powerscreen Chiefain 2100S, 3 Deck Incline Screen)						
09/15/22	8:00 AM	1	Receiving Hopper		X	RS
09/15/22	8:00 AM	1	Triple Deck Screen		X	RS
09/15/22	8:30 AM	6	Conveyors		X	RS

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Visible Emissions other than uncombined water greater than zero percent for a period or periods agregating more than 3 minutes in any one hour.

Date	Time	Emissions Unit #	Description	YES	No	*Initials*
			Kiln Deck			
12/14/22	8:00 AM	E13	Kiln # 3 Baghouse		X	RS
12/14/22	8:00 AM	E14	Kiln #4 Baghouse		X	RS
12/14/22	8:00 AM	E24	100 CY Silo / w Bin Vent		X	RS
12/14/22	NA	28	Belt Conveyor (Dust to Raw Plant)		X	RS
12/14/22	8:30 AM	16	Kiln Material K3 Feeder Belt		X	RS
12/14/22	8:30 AM	18	Kiln Material K4 Feeder Belt		X	RS
12/14/22	9:00 AM	25	Kiln Material Belt (Incline)		X	RS
12/14/22	9:00 AM	22	Kiln Material Belt (Short Incline)		X	RS
12/14/22	9:00 AM	21	Kiln Material Belt (Long Incline)		X	RS
12/14/22	9:30 AM	E36	Aggregate Cooler for K3		X	RS
12/14/22	10:00 AM	E37	Aggregate Cooler for K4		X	RS
12/14/22	9:30 AM	E17	Sytron Vibrating Belt K3 Shuttle		X	RS
12/14/22	10:00 AM	E18	Sytron Vibrating Belt K4 Shuttle		X	RS
			Raw Plant			
12/14/22	NA	E37	Grizzly Raw Material Receiving Hopper (Stand-by)		X	RS
12/14/22	NA	E38	Inside Raw PlantRecieving Hopper (Stand-By)		X	RS
12/14/22	NA	15	Inside Feed Belt Conveyor (Stand-By)		X	RS
12/14/22	12:00 PM	E1	Syntron Raw Material Vibrating Belt Conveyor (East)		X	RS
12/14/22	12:00 PM	E2	Syntron Raw Material Vibrating Belt Conveyor (West)		X	RS
12/14/22	12:30 PM	E5	Disintegrator Raw Material (Roller) Crusher		X	RS
12/14/22	1:00 PM	E7	Symons #1 Raw Material Screen		X	RS
12/14/22	1:00 PM	E9	Symons #2 Raw Material Screen		X	RS
12/14/22	1:30 PM	E39	Raw Material Extruder Hopper		X	RS
12/14/22	1:30 PM	E19	JC Steele Raw Material Pug Mill		X	RS
12/14/22	1:30 PM	E20	JC Steele Raw Material Extruder		X	RS
12/14/22	12:30 PM	4	Disintegrator Feed Belt		X	RS
12/14/22	2:00 PM	11	Raw Materials Symons Screen #2 Discharge Belt		X	RS
12/14/22	2:00 PM	12	Raw Materials Symons Screen #1 Discharge Belt		X	RS
12/14/22	2:00 PM	13	Raw Materials Symons Screens Tail Belt		X	RS
12/14/22	2:30 PM	14	Raw Materials Loop Belt		X	RS
12/14/22	2:30 PM	16	Raw Materials Hopper Feed Belt		X	RS
12/14/22	3:00 PM	17	Raw Materials Pug Feed Belt (From Silo)		X	RS
12/14/22	3:00 PM	18	Raw Materials Pug Feed Belt (From Hopper)		X	RS
12/15/22	8:00 AM	21	Raw Materials Extruder Tail Belt		X	RS
12/15/22	8:00 AM	22	Raw Materials Conveyor to Raw Materials Tank #3 & 4		X	RS
12/15/22	8:30 AM	23	Raw Materials Conveyor to Raw Materials Tank #3 & 4		X	RS
12/15/22	8:45 AM	E41	350 CY Raw Materials Tank #3		X	RS
12/15/22	8:45 AM	E42	350 CY Raw Materials Tank #4		X	RS
12/15/22	NA	E28	Baghouse Dump Screw Auger		X	RS
12/15/22	9:00 AM	E29	Raw Plant Baghouse		X	RS

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Quarter #4: 2022 Page 2 of 2	Visible Emissions other than uncombined water greater than zero percent for a period or periods agregating more than 3 minutes in any one hour.

Date	Time	Emissions Unit #	Description	YES	No	*Initials*
Finished End						
12/14/22	9:30 AM	E19	Finished End Tower Screen (Scalping Screen, 2 Decks)		X	RS
12/14/22	10:00 AM	E30	Finished End Vertical Impact Crusher (VIC)		X	RS
12/14/22	10:30 AM	E34	Finished End Symons Screen (1 Deck)		X	RS
12/14/22	11:00 AM	E22	Finished End Overstrom Screen Deck (1 Deck)		X	RS
12/14/22	11:00 AM	E23	Finished End O'Brein Sceen Deck (1 Deck)		X	RS
12/14/22	11:00 AM	E21	Finished End Yogi Screen Deck (2 Decks)		X	RS
29			115 CY Finished Product Tank	Out Of Service		
33			Rex Finished Product Bucket Elevtor	Out Of Service		
12/15/22	9:30 AM	25	Finished End Conveyor Belt		X	RS
12/15/22	9:30 AM	26	Finished End Conveyor Belt		X	RS
12/15/22	10:00 AM	54	Finished End Conveyor Belt		X	RS
12/15/22	10:00 AM	55	Finished End Conveyor Belt		X	RS
12/15/22	11:00 AM	28	Finished End Chute Conveyor		X	RS
12/15/22	11:00 AM	29	Finished End Radial Stacker		X	RS
30			Finished End Conveyor Belt	Out Of Service		
12/14/22	1:00 PM	31	Finished End Conveyor Belt		X	RS
12/14/22	1:00 PM	32	Finished End Conveyor Belt		X	RS
12/14/22	1:00 PM	33	Finished End Conveyor Belt		X	RS
12/14/22	1:00 PM	34	Finished End Conveyor Belt		X	RS
12/14/22	1:30 PM	35	Finished End Conveyor Belt		X	RS
12/14/22	1:30 PM	36	Finished End Conveyor Belt		X	RS
12/14/22	1:30 PM	37	Finished End Conveyor Belt		X	RS
12/14/22	1:30 PM	38	Finished End Conveyor Belt		X	RS
12/14/22	2:00 PM	39	Finished End Conveyor Belt		X	RS
12/14/22	2:00 PM	40	Finished End Conveyor Belt		X	RS
12/14/22	2:00 PM	41	Finished End Conveyor Belt		X	RS
12/14/22	2:00 PM	42	Finished End Conveyor Belt		X	RS
12/14/22	2:00 PM	43	Finished End Conveyor Belt		X	RS
12/14/22	2:00 PM	44	Finished End Conveyor Belt		X	RS
12/14/22	2:30 PM	45	Finished End Conveyor Belt		X	RS
12/14/22	2:30 PM	46	Finished End Conveyor Belt (Stand-by for VIC Crusher)		X	RS
12/14/22	3:00 PM	47	Finished End Conveyor Belt		X	RS
12/14/22	3:00 PM	48	Finished End Conveyor Belt		X	RS
12/14/22	3:00 PM	49	Finished End Conveyor Belt		X	RS
12/14/22	3:30 PM	E27	Finished End Baghouse		X	RS
E40			Sytron Conveyor	Out Of Service		
Portable Screening Plant (Powerscreen Chiefain 2100S, 3 Deck Incline Screen)						
12/15/22	8:00 AM	1	Receiving Hopper		X	RS
12/15/22	8:00 AM	1	Triple Deck Screen		X	RS
12/15/22	8:30 AM	6	Conveyors		X	RS

Arcosa Lightweight's Quarterly Formal Survey For Attachment 50
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Visible Emissions other than uncombined water greater than zero percent for a period or periods agregating more than 3 minutes in any one hour.

Date	Time	Emissions Unit #	Description	YES	No	*Initials*
			Kiln Deck			
03/13/23	9:00 AM	E13	Kiln # 3 Baghouse		X	RS
03/13/23	9:00 AM	E14	Kiln #4 Baghouse		X	RS
03/13/23	9:00 AM	E24	100 CY Silo / w Bin Vent		X	RS
03/13/23	NA	28	Belt Conveyor (Dust to Raw Plant)		X	RS
03/13/23	9:30 AM	16	Kiln Material K3 Feeder Belt		X	RS
03/13/23	9:30 AM	18	Kiln Material K4 Feeder Belt		X	RS
03/13/23	10:00 AM	25	Kiln Material Belt (Incline)		X	RS
03/13/23	10:00 AM	22	Kiln Material Belt (Short Incline)		X	RS
03/13/23	10:00 AM	21	Kiln Material Belt (Long Incline)		X	RS
03/13/23	11:30 AM	E36	Aggregate Cooler for K3		X	RS
03/13/23	11:00 AM	E37	Aggregate Cooler for K4		X	RS
03/13/23	11:30 AM	E17	Sytron Vibrating Belt K3 Shuttle		X	RS
03/13/23	11:00 AM	E18	Sytron Vibrating Belt K4 Shuttle		X	RS
			Raw Plant			
03/13/23	NA	E37	Grizzly Raw Material Receiving Hopper (Stand-by)		X	RS
03/13/23	NA	E38	Inside Raw PlantRecieving Hopper (Stand-By)		X	RS
03/13/23	NA	15	Inside Feed Belt Conveyor (Stand-By)		X	RS
03/13/23	1:00 PM	E1	Syntron Raw Material Vibrating Belt Conveyor (East)		X	RS
03/13/23	1:00 PM	E2	Syntron Raw Material Vibrating Belt Conveyor (West)		X	RS
03/13/23	1:30 PM	E5	Disintegrator Raw Material (Roller) Crusher		X	RS
03/13/23	2:00 PM	E7	Symons #1 Raw Material Screen		X	RS
03/13/23	2:00 PM	E9	Symons #2 Raw Material Screen		X	RS
03/13/23	2:30 PM	E39	Raw Material Extruder Hopper		X	RS
03/13/23	2:30 PM	E19	JC Steele Raw Material Pug Mill		X	RS
03/13/23	2:30 PM	E20	JC Steele Raw Material Extruder		X	RS
03/13/23	1:30 PM	4	Disintegrator Feed Belt		X	RS
03/13/23	3:00 PM	11	Raw Materials Symons Screen #2 Discharge Belt		X	RS
03/13/23	3:00 PM	12	Raw Materials Symons Screen #1 Discharge Belt		X	RS
03/14/23	7:30 AM	13	Raw Materials Symons Screens Tail Belt		X	RS
03/14/23	8:00 AM	14	Raw Materials Loop Belt		X	RS
03/14/23	8:00 AM	16	Raw Materials Hopper Feed Belt		X	RS
03/14/23	8:30 AM	17	Raw Materials Pug Feed Belt (From Silo)		X	RS
03/14/23	8:30 AM	18	Raw Materials Pug Feed Belt (From Hopper)		X	RS
03/14/23	9:00 AM	21	Raw Materials Extruder Tail Belt		X	RS
03/14/23	9:00 AM	22	Raw Materials Conveyor to Raw Materials Tank #3 & 4		X	RS
03/14/23	9:30 AM	23	Raw Materials Conveyor to Raw Materials Tank #3 & 4		X	RS
03/14/23	10:00 AM	E41	350 CY Raw Materials Tank #3		X	RS
03/14/23	10:00 AM	E42	350 CY Raw Materials Tank #4		X	RS
03/14/23	NA	E28	Baghouse Dump Screw Auger		X	RS
03/14/23	10:30 AM	E29	Raw Plant Baghouse		X	RS

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Visible Emissions other than uncombined water greater than zero percent for a period or periods agregating more than 3 minutes in any one hour.

Date	Time	Emissions Unit #	Description	YES	No	*Initials*
Finished End						
03/14/23	11:00 AM	E19	Finished End Tower Screen (Scalping Screen, 2 Decks)		X	RS
03/14/23	11:30 AM	E30	Finished End Vertical Impact Crusher (VIC)		X	RS
03/14/23	1:00 PM	E34	Finished End Symons Screen (1 Deck)		X	RS
03/14/23	1:30 PM	E22	Finished End Overstrom Screen Deck (1 Deck)		X	RS
03/14/23	1:30 PM	E23	Finished End O'Brein Sceen Deck (1 Deck)		X	RS
03/14/23	1:30 PM	E21	Finished End Yogi Screen Deck (2 Decks)		X	RS
29			115 CY Finished Product Tank	**Out Of Service**		
33			Rex Finished Product Bucket Elevtor	**Out Of Service**		
03/14/23	2:00 PM	25	Finished End Conveyor Belt		X	RS
03/14/23	2:00 PM	26	Finished End Conveyor Belt		X	RS
03/14/23	2:30 PM	54	Finished End Conveyor Belt		X	RS
03/14/23	2:30 PM	55	Finished End Conveyor Belt		X	RS
03/15/23	7:00 AM	28	Finished End Chute Conveyor		X	RS
03/15/23	7:00 AM	29	Finished End Radial Stacker		X	RS
30			Finished End Conveyor Belt	**Out Of Service**		
03/15/23	8:00 AM	31	Finished End Conveyor Belt		X	RS
03/15/23	8:00 AM	32	Finished End Conveyor Belt		X	RS
03/15/23	8:30 AM	33	Finished End Conveyor Belt		X	RS
03/15/23	8:30 AM	34	Finished End Conveyor Belt		X	RS
03/15/23	9:00 AM	35	Finished End Conveyor Belt		X	RS
03/15/23	9:00 AM	36	Finished End Conveyor Belt		X	RS
03/15/23	9:00 AM	37	Finished End Conveyor Belt		X	RS
03/15/23	10:00 AM	38	Finished End Conveyor Belt		X	RS
03/15/23	10:00 AM	39	Finished End Conveyor Belt		X	RS
03/15/23	10:00 AM	40	Finished End Conveyor Belt		X	RS
03/15/23	10:30 AM	41	Finished End Conveyor Belt		X	RS
03/15/23	11:00 AM	42	Finished End Conveyor Belt		X	RS
03/15/23	11:00 AM	43	Finished End Conveyor Belt		X	RS
03/15/23	11:00 AM	44	Finished End Conveyor Belt		X	RS
03/15/23	11:30 AM	45	Finished End Conveyor Belt		X	RS
03/15/23	11:30 AM	46	Finished End Conveyor Belt (Stand-by for VIC Crusher)		X	RS
03/15/23	1:00 PM	47	Finished End Conveyor Belt		X	RS
03/15/23	1:00 PM	48	Finished End Conveyor Belt		X	RS
03/15/23	1:00 PM	49	Finished End Conveyor Belt		X	RS
03/15/23	1:30 PM	E27	Finished End Baghouse		X	RS
E40			Sytron Conveyor	**Out Of Service**		
Portable Screening Plant (Powerscreen Chiefain 2100S, 3 Deck Incline Screen)						
03/15/23	2:30 PM	1	Receiving Hopper		X	RS
03/15/23	2:30 PM	1	Triple Deck Screen		X	RS
03/15/23	3:00 PM	6	Conveyors		X	RS

APPENDIX F

PO00036PC7

Water Spray Logs

ARCOSA

Water Sprays and Operational Inspection

(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 3-11-2022 Time 8:30 AM

Kiln Cooler(s)/ water sprays equipment/Sand Conversion Belt Dust Suppression System

	K-3	K-4
Inspect for proper operations:	☒ YES ☐ NO	☒ YES ☐ NO

Note: If any malfunctions give explanation and action taken.

(Description of any malfunction and a description of any necessary repairs

Power Screen Dust Suppression System:

	Operating	Malfunction
Inspect Water Spray(s) Systems for Operations and any malfunctions:	☐ YES ☒ NO	☐ YES ☒ NO

Note: If any malfunctions explanation and action taken.

Maintenance department: Describe corrective action (parts needed, and/or installed, etc.

Maintenance Technician Signature/Date:

Inspected By (print name) RICHARD SKINNER

Signature

ARCOSA

Water Sprays and Operational Inspection

(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 03-24-2022 Time 7:30 AM

Kiln Cooler(s)/ water sprays equipment/Sand Conversion Belt Dust Suppression System

	K-3	K-4
Inspect for proper operations:	☒ YES ☐ NO	☒ YES ☐ NO

Note: If any malfunctions give explanation and action taken.

(Description of any malfunction and a description of any necessary repairs

Power Screen Dust Suppression System:

	Operating	**Malfunction**
Inspect Water Spray(s) Systems for Operations and any malfunctions:	☐ YES ☒ NO	☐ YES ☒ NO

Note: If any malfunctions explanation and action taken.

Maintenance department: Describe corrective action (parts needed, and/or installed, etc.

Maintenance Technician Signature/Date:

Inspected By (print name) RICHARD SECMEA

Signature

ARCOSA

Water Sprays and Operational Inspection

(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 04-12-2022 Time 8:00

Kiln Cooler(s)/ water sprays equipment/Sand Conversion Belt Dust Suppression System

	K-3	K-4
Inspect for proper operations:	☒ YES ☐ NO	☒ YES ☐ NO

Note: If any malfunctions give explanation and action taken.

(Description of any malfunction and a description of any necessary repairs

Power Screen Dust Suppression System:

	Operating	**Malfunction**
Inspect Water Spray(s) Systems for Operations and any malfunctions:	☐ YES ☒ NO	☐ YES ☒ NO

Note: If any malfunctions explanation and action taken.

Maintenance department: Describe corrective action (parts needed, and/or installed, etc.

Maintenance Technician Signature/Date: _____

Inspected By (print name) Richard Stemer

Signature Richard Stemer

ARCOSA

Water Sprays and Operational Inspection

(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 04-28-2022 Time 11:30 AM

Kiln Cooler(s)/ water sprays equipment/Sand Conversion Belt Dust Suppression System

	K-3	K-4
Inspect for proper operations:	☒ YES ☐ NO	☒ YES ☐ NO

Note: If any malfunctions give explanation and action taken.

(Description of any malfunction and a description of any necessary repairs

Power Screen Dust Suppression System:

	Operating	Malfunction
Inspect Water Spray(s) Systems for Operations and any malfunctions:	☐ YES ☒ NO	☐ YES ☒ NO

Note: If any malfunctions explanation and action taken.

Maintenance department: Describe corrective action (parts needed, and/or installed, etc.

Maintenance Technician
Signature/Date:

Inspected By (print name) Rechard Salazar/

Signature [signature]

ARCOSA

Water Sprays and Operational Inspection

(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 5-5-2022 Time 1:15 PM

Kiln Cooler(s)/ water sprays equipment/Sand Conversion Belt Dust Suppression System

	K-3	K-4
Inspect for proper operations:	☐ YES ☒ NO	☐ YES ☒ NO

Note: If any malfunctions give explanation and action taken.

(Description of any malfunction and a description of any necessary repairs

Power Screen Dust Suppression System:

	Operating	**Malfunction**
Inspect Water Spray(s) Systems for Operations and any malfunctions:	☒ YES ☐ NO	☒ YES ☐ NO

Note: If any malfunctions explanation and action taken.

Maintenance department: Describe corrective action (parts needed, and/or installed, etc.

Maintenance Technician Signature/Date:

Inspected By (print name) RICHARD STEELE

Signature

ARCOSA

Water Sprays and Operational Inspection

(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 05-25-2022 Time 7:20 AM

Kiln Cooler(s)/ water sprays equipment/Sand Conversion Belt Dust Suppression System

	K-3	K-4
Inspect for proper operations:	☐ YES ☒ NO	☐ YES ☒ NO

Note: If any malfunctions give explanation and action taken;

(Description of any malfunction and a description of any necessary repairs

Power Screen Dust Suppresion System:

	Operating	**Malfunction**
Inspect Water Spray(s) Systems for Operations and any malfunctions:	☒ YES ☐ NO	☐ YES ☒ NO

Note: If any malfunctions explanation and action taken;

Maintenance department: Describe corrective action (parts needed, and/or installed, etc.

Maintenance Technician Signature/Date:

Inspected By (print name) Rebecca Stewart

Signature Rebecca Stewart

ARCOSA

Water Sprays and Operational Inspection

(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 06-08-2022 Time 8:00 AM

Kiln Cooler(s)/ water sprays equipment/Sand Conversion Belt Dust Suppression System

	K-3	K-4
Inspect for proper operations:	☐ YES ☒ NO	☐ YES ☒ NO

Note: If any malfunctions give explanation and action taken;

(Description of any malfunction and a description of any necessary repairs

Power Screen Dust Suppresion System:

	Operating	**Malfunction**
Inspect Water Spray(s) Systems for Operations and any malfunctions:	☒ YES ☐ NO	☐ YES ☒ NO

Note: If any malfunctions explanation and action taken;

Maintenance department: Describe corrective action (parts needed, and/or installed, etc.

Maintenance Technician Signature/Date: _____

Inspected By (print name) Raymond Stewart

Signature Raymond Stewart

ARCOSA

Water Sprays and Operational Inspection

(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 6-23-2022 Time 8:00 AM

Kiln Cooler(s)/ water sprays equipment/Sand Conversion Belt Dust Suppression System

	K-3	K-4
Inspect for proper operations:	☐ YES ☒ NO	☐ YES ☒ NO

Note: If any malfunctions give explanation and action taken;

(Description of any malfunction and a description of any necessary repairs

Power Screen Dust Suppresion System:

	Operating	Malfunction
Inspect Water Spray(s) Systems for Operations and any malfunctions:	☒ YES ☐ NO	☐ YES ☒ NO

Note: If any malfunctions explanation and action taken;

Maintenance department: Describe corrective action (parts needed, and/or installed, etc.

Maintenance Technician Signature/Date:

Inspected By (print name) Richard Stowe

Signature Richard Stowe

ARCOSA

Water Sprays and Operational Inspection

(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 07-12-2022. Time 9:30 AM

Kiln Cooler(s)/ water sprays equipment/Sand Conversion Belt Dust Suppression System

	K-3	K-4
Inspect for proper operations:	☐ YES ☒ NO	☐ YES ☒ NO

Note: If any malfunctions give explanation and action taken;

(Description of any malfunction and a description of any necessary repairs

Power Screen Dust Suppresion System:

	Operating	**Malfunction**
Inspect Water Spray(s) Systems for Operations and any malfunctions:	☒ YES ☐ NO	☐ YES ☒ NO

Note: If any malfunctions explanation and action taken;

Maintenance department: Describe corrective action (parts needed, and/or installed, etc.

Maintenance Technician Signature/Date:

Inspected By (print name) Richard Stovall

Signature

ARCOSA

Water Sprays and Operational Inspection

(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 7-28-2022 Time 7:30 AM

Kiln Cooler(s)/ water sprays equipment/Sand Conversion Belt Dust Suppression System

	K-3	K-4
Inspect for proper operations:	☐ YES ☒ NO	☐ YES ☒ NO

Note: If any malfunctions give explanation and action taken;

(Description of any malfunction and a description of any necessary repairs

Power Screen Dust Suppresion System:

	Operating	**Malfunction**
Inspect Water Spray(s) Systems for Operations and any malfunctions:	☒ YES ☐ NO	☐ YES ☒ NO

Note: If any malfunctions explanation and action taken;

Maintenance department: Describe corrective action (parts needed, and/or installed, etc.

Maintenance Technician Signature/Date:

Inspected By (print name) RICHARD STEWART

Signature

ARCOSA

Water Sprays and Operational Inspection

(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 08-16-2022 Time 8:00 AM

Kiln Cooler(s)/ water sprays equipment/Sand Conversion Belt Dust Suppression System

	K-3	K-4
Inspect for proper operations:	☐ YES ☒ NO	☐ YES ☒ NO

Note: If any malfunctions give explanation and action taken;

(Description of any malfunction and a description of any necessary repairs

Power Screen Dust Suppresion System:

	Operating	**Malfunction**
Inspect Water Spray(s) Systems for Operations and any malfunctions:	☒ YES ☐ NO	☐ YES ☒ NO

Note: If any malfunctions explanation and action taken;

Maintenance department: Describo corrective action (parts needed, and/or installed, etc.

Maintenance Technician
Signature/Date:

Inspected By (print name) Richard Steiner

Signature

ARCOSA

Water Sprays and Operational Inspection

(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 08-31-2022 Time 7:30 AM

Kiln Cooler(s)/ water sprays equipment/Sand Conversion Belt Dust Suppression System

	K-3	K-4
Inspect for proper operations:	☐ YES ☒ NO	☐ YES ☒ NO

Note: If any malfunctions give explanation and action taken;

(Description of any malfunction and a description of any necessary repairs

Power Screen Dust Suppresion System:

	Operating	**Malfunction**
Inspect Water Spray(s) Systems for Operations and any malfunctions:	☒ YES ☐ NO	☐ YES ☒ NO

Note: If any malfunctions explanation and action taken;

Maintenance department: Describe corrective action (parts needed, and/or installed, etc.

Maintenance Technician Signature/Date: _____

Inspected By (print name) RICHARD STEWART

Signature Richard Stewart

ARCOSA

Water Sprays and Operational Inspection

(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 09-12-2022 Time 7:30AM

Kiln Cooler(s)/ water sprays equipment/Sand Conversion Belt Dust Suppression System

	K-3	K-4
Inspect for proper operations:	☐ YES ☒ NO	☐ YES ☒ NO

Note: If any malfunctions give explanation and action taken;

(Description of any malfunction and a description of any necessary repairs

Power Screen Dust Suppresion System:

	Operating	**Malfunction**
Inspect Water Spray(s) Systems for Operations and any malfunctions:	☒ YES ☐ NO	☐ YES ☒ NO

Note: If any malfunctions explanation and action taken;

Maintenance department: Describe corrective action (parts needed, and/or installed, etc.

Maintenance Technician Signature/Date:

Inspected By (print name)

Signature

ARCOSA

Water Sprays and Operational Inspection

(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 9-26-22 Time 8:00 AM

Kiln Cooler(s)/ water sprays equipment/Sand Conversion Belt Dust Suppression System

	K-3	K-4
Inspect for proper operations:	☒ YES ☐ NO	☒ YES ☐ NO

Note: If any malfunctions give explanation and action taken;

(Description of any malfunction and a description of any necessary repairs

Power Screen Dust Suppresion System:

	Operating	**Malfunction**
Inspect Water Spray(s) Systems for Operations and any malfunctions:	☐ YES ☒ NO	☐ YES ☒ NO

Note: If any malfunctions explanation and action taken;

Maintenance department: Describe corrective action (parts needed, and/or installed, etc.

Maintenance Technician Signature/Date:

Inspected By (print name) RICHARD BREWER

Signature

ARCOSA

Water Sprays and Operational Inspection

(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 10-11-22 Time 9:15 AM

Kiln Cooler(s)/ water sprays equipment/Sand Conversion Belt Dust Suppression System

	K-3	K-4
Inspect for proper operations:	☒ YES ☐ NO	☒ YES ☐ NO

Note: If any malfunctions give explanation and action taken;

(Description of any malfunction and a description of any necessary repairs

Power Screen Dust Suppresion System:

	Operating	**Malfunction**
Inspect Water Spray(s) Systems for Operations and any malfunctions:	☒ YES ☐ NO	☐ YES ☒ NO

Note: If any malfunctions explanation and action taken;

Maintenance department: Describe corrective action (parts needed, and/or installed, etc.

Maintenance Technician Signature/Date:

Inspected By (print name) RICHARD STEWART

Signature

ARCOSA

Water Sprays and Operational Inspection

(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 10-27-22 Time 8:30 AM

Kiln Cooler(s)/ water sprays equipment/Sand Conversion Belt Dust Suppression System

	K-3	K-4
Inspect for proper operations:	☒ YES ☐ NO	☒ YES ☐ NO

Note: If any malfunctions give explanation and action taken;

(Description of any malfunction and a description of any necessary repairs

Power Screen Dust Suppresion System:

	Operating	**Malfunction**
Inspect Water Spray(s) Systems for Operations and any malfunctions:	☐ YES ☒ NO	☐ YES ☒ NO

Note: If any malfunctions explanation and action taken;

Maintenance department: Describe corrective action (parts needed, and/or installed, etc.

Maintenance Technician
Signature/Date:

Inspected By (print name) RICHARD SIGMON

Signature

ARCOSA

Water Sprays and Operational Inspection

(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 11-9-22 Time 8:00 AM

Kiln Cooler(s)/ water sprays equipment/Sand Conversion Belt Dust Suppression System

	K-3	K-4
Inspect for proper operations:	☒ YES ☐ NO	☒ YES ☐ NO

Note: If any malfunctions give explanation and action taken;

(Description of any malfunction and a description of any necessary repairs

Power Screen Dust Suppresion System:

	Operating	**Malfunction**
Inspect Water Spray(s) Systems for Operations and any malfunctions:	☒ YES ☐ NO	☐ YES ☒ NO

Note: If any malfunctions explanation and action taken;

Maintenance department: Describe corrective action (parts needed, and/or installed, etc.

Maintenance Technician Signature/Date:

Inspected By (print name) RICHARD STEMEN

Signature

ARCOSA

Water Sprays and Operational Inspection

(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 11-22-22 Time 8:00 AM

Kiln Cooler(s)/ water sprays equipment/Sand Conversion Belt Dust Suppression System

	K-3	K-4
Inspect for proper operations:	☒ YES ☐ NO	☒ YES ☐ NO

Note: If any malfunctions give explanation and action taken;

(Description of any malfunction and a description of any necessary repairs

Power Screen Dust Suppresion System:

	Operating	**Malfunction**
Inspect Water Spray(s) Systems for Operations and any malfunctions:	☒ YES ☐ NO	☐ YES ☒ NO

Note: If any malfunctions explanation and action taken;

Maintenance department: Describe corrective action (parts needed, and/or installed, etc.

Maintenance Technician Signature/Date:

Inspected By (print name) Richard Stewart

Signature Richard Stewart

ARCOSA

Water Sprays and Operational Inspection

(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 12-9-22 Time 7:30 AM

Kiln Cooler(s)/ water sprays equipment/Sand Conversion Belt Dust Suppression System

	K-3	K-4
Inspect for proper operations:	☒ YES ☐ NO	☑ YES ☐ NO

Note: If any malfunctions give explanation and action taken;

(Description of any malfunction and a description of any necessary repairs

Power Screen Dust Suppresion System:

	Operating	**Malfunction**
Inspect Water Spray(s) Systems for Operations and any malfunctions:	☐ YES ☒ NO	☐ YES ☒ NO

Note: If any malfunctions explanation and action taken;

Maintenance department: Describe corrective action (parts needed, and/or installed, etc.

Maintenance Technician Signature/Date:

Inspected By (print name) Richard Stemen

Signature Richard Stemen

ARCOSA

Water Sprays and Operational Inspection

(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 12-21-22 Time 8:00AM

Kiln Cooler(s)/ water sprays equipment/Sand Conversion Belt Dust Suppression System

	K-3	K-4
Inspect for proper operations:	☒ YES ☐ NO	☒ YES ☐ NO

Note: If any malfunctions give explanation and action taken;

(Description of any malfunction and a description of any necessary repairs

Power Screen Dust Suppresion System:

	Operating	Malfunction
Inspect Water Spray(s) Systems for Operations and any malfunctions:	☐ YES ☒ NO	☐ YES ☒ NO

Note: If any malfunctions explanation and action taken;

Maintenance department: Describe corrective action (parts needed, and/or installed, etc.

Maintenance Technician Signature/Date:

Inspected By (print name) RICHARD STEVENS

Signature

ARCOSA

Water Sprays and Operational Inspection

(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 01-04-2023 Time 8:00 AM

Kiln Cooler(s)/ water sprays equipment/Sand Conversion Belt Dust Suppression System

Inspect for proper operations:	K-3	K-4
	☐ YES ☐ NO	☐ YES ☐ NO

Note: If any malfunctions give explanation and action taken;

(Description of any malfunction and a description of any necessary repairs

Power Screen Dust Suppresion System:

Inspect Water Spray(s) Systems for Operations and any malfunctions:	**Operating**	**Malfunction**
	☐ YES ☒ NO	☐ YES ☒ NO

Note: If any malfunctions explanation and action taken;

Maintenance department: Describe corrective action (parts needed, and/or installed, etc.

Maintenance Technician Signature/Date:

Inspected By (print name) RICHARD SCHMIDT

Signature

ARCOSA

Water Sprays and Operational Inspection

(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 01-17-2023 Time 8:30 AM

Kiln Cooler(s)/ water sprays equipment/Sand Conversion Belt Dust Suppression System

	K-3	K-4
Inspect for proper operations:	☒ YES ☐ NO	☒ YES ☐ NO

Note: If any malfunctions give explanation and action taken;

(Description of any malfunction and a description of any necessary repairs

Power Screen Dust Suppresion System:

	Operating	**Malfunction**
Inspect Water Spray(s) Systems for Operations and any malfunctions:	☐ YES ☒ NO	☐ YES ☒ NO

Note: If any malfunctions explanation and action taken;

Maintenance department: Describe corrective action (parts needed, and/or installed, etc.

Maintenance Technician Signature/Date:

Inspected By (print name) Richard Stroud

Signature Richard Stroud

ARCOSA

Water Sprays and Operational Inspection

(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 02-02-2023 Time 8:00 AM

Kiln Cooler(s)/ water sprays equipment/Sand Conversion Belt Dust Suppression System

	K-3	K-4
Inspect for proper operations:	☒ YES ☐ NO	☒ YES ☐ NO

Note: If any malfunctions give explanation and action taken;

(Description of any malfunction and a description of any necessary repairs

Power Screen Dust Suppresion System:

	Operating	**Malfunction**
Inspect Water Spray(s) Systems for Operations and any malfunctions:	☒ YES ☐ NO	☐ YES ☒ NO

Note: If any malfunctions explanation and action taken;

Maintenance department: Describe corrective action (parts needed, and/or installed, etc.

Maintenance Technician Signature/Date:

Inspected By (print name) Richard Stewart

Signature Richard Stewart

ARCOSA

Water Sprays and Operational Inspection

(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 02-15-2023 Time 8:00 AM

Kiln Cooler(s)/ water sprays equipment/Sand Conversion Belt Dust Suppression System

	K-3	K-4
Inspect for proper operations:	☒ YES ☐ NO	☒ YES ☐ NO

Note: If any malfunctions give explanation and action taken;

_____

_____

_____

_____

(Description of any malfunction and a description of any necessary repairs

Power Screen Dust Suppresion System:

	Operating	**Malfunction**
Inspect Water Spray(s) Systems for Operations and any malfunctions:	☒ YES ☐ NO	☐ YES ☒ NO

Note: If any malfunctions explanation and action taken;

_____

_____

_____

_____

Maintenance department: Describe corrective action (parts needed, and/or installed, etc.

_____

_____

Maintenance Technician Signature/Date:_____

Inspected By (print name) Richard Stamey

Signature Richard Stamey

ARCOSA

Water Sprays and Operational Inspection

(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 03-01-2023 Time 7:30 AM

Kiln Cooler(s)/ water sprays equipment/Sand Conversion Belt Dust Suppression System

	K-3	K-4
Inspect for proper operations:	☒ YES ☐ NO	☒ YES ☐ NO

Note: If any malfunctions give explanation and action taken;

(Description of any malfunction and a description of any necessary repairs

Power Screen Dust Suppresion System:

	Operating	**Malfunction**
Inspect Water Spray(s) Systems for Operations and any malfunctions:	☐ YES ☒ NO	☐ YES ☒ NO

Note: If any malfunctions explanation and action taken;

Maintenance department: Describe corrective action (parts needed, and/or installed, etc.

Maintenance Technician Signature/Date:

Inspected By (print name) RICHARD STEWART

Signature

ARCOSA

Water Sprays and Operational Inspection

(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 03-15-2023 Time 8:00 AM

Kiln Cooler(s)/ water sprays equipment/Sand Conversion Belt Dust Suppression System

Inspect for proper operations:	K-3	K-4
	☒ YES ☐ NO	☒ YES ☐ NO

Note: If any malfunctions give explanation and action taken;

(Description of any malfunction and a description of any necessary repairs

Power Screen Dust Suppresion System:

Inspect Water Spray(s) Systems for Operations and any malfunctions:	**Operating**	**Malfunction**
	☐ YES ☒ NO	☐ YES ☒ NO

Note: If any malfunctions explanation and action taken;

Maintenance department: Describe corrective action (parts needed, and/or installed, etc.

Maintenance Technician Signature/Date:

Inspected By (print name) RICHARD STEMEN

Signature Richard Stemen

ARCOSA

Water Sprays and Operational Inspection

(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 03-30-2023 Time 8:00 AM

Kiln Cooler(s)/ water sprays equipment/Sand Conversion Belt Dust Suppression System

	K-3	K-4
Inspect for proper operations:	☒ YES ☐ NO	☒ YES ☐ NO

Note: If any malfunctions give explanation and action taken;

_____

_____

_____

_____

(Description of any malfunction and a description of any necessary repairs

Power Screen Dust Suppresion System:

	Operating	**Malfunction**
Inspect Water Spray(s) Systems for Operations and any malfunctions:	☐ YES ☒ NO	☐ YES ☒ NO

Note: If any malfunctions explanation and action taken;

_____

_____

_____

_____

Maintenance department: Describe corrective action (parts needed, and/or installed, etc.

_____

_____

Maintenance Technician Signature/Date:_____.

Inspected By (print name) RICHARD STEWART

Signature Richard Stewart

ARCOSA

Water Sprays and Operational Inspection

(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 04-12-2023 Time 9:00 AM

Kiln Cooler(s)/ water sprays equipment/Sand Conversion Belt Dust Suppression System

	K-3	K-4
Inspect for proper operations:	☒ YES ☐ NO	☒ YES ☐ NO

Note: If any malfunctions give explanation and action taken;

_____

_____

_____

_____

(Description of any malfunction and a description of any necessary repairs

Power Screen Dust Suppresion System:

	Operating	**Malfunction**
Inspect Water Spray(s) Systems for Operations and any malfunctions:	☒ YES ☐ NO	☐ YES ☒ NO

Note: If any malfunctions explanation and action taken;

_____

_____

_____

_____

Maintenance department: Describe corrective action (parts needed, and/or installed, etc.

_____

_____

Maintenance Technician
Signature/Date:_____

Inspected By (print name) RICHARD STEWART

Signature Richard Stewart

ARCOSA

Water Sprays and Operational Inspection

(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 04-26-2023 Time 8:00 AM

Kiln Cooler(s)/ water sprays equipment/Sand Conversion Belt Dust Suppression System

Inspect for proper operations:	K-3	K-4
	☒ YES ☐ NO	☒ YES ☐ NO

Note: If any malfunctions give explanation and action taken;

(Description of any malfunction and a description of any necessary repairs

Power Screen Dust Suppresion System:

Inspect Water Spray(s) Systems for Operations and any malfunctions:	**Operating**	**Malfunction**
	☐ YES ☒ NO	☐ YES ☒ NO

Note: If any malfunctions explanation and action taken;

Maintenance department: Describe corrective action (parts needed, and/or installed, etc.

Maintenance Technician Signature/Date:

Inspected By (print name) RICHARD STEWART

Signature Richard Stewart

APPENDIX G

Annual Compliance Certification
Source Test Summary Form

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION

SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 04 / 01 / 22 (MM/DD/YY) to 03 / 31 / 23 (MM/DD/YY)

A. Emission Unit Description:			B. Pollutant:
Kiln #3 - NOx Compliance Testing (Three Run Average)			NOx
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
2.9 lb/hr	6.9 lb/hr	AllianceTechnical Group	August 2, 2022

A. Emission Unit Description:			B. Pollutant:
Kiln #3 NOx (RATA Results - ppmvd , Dry)			NOx
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
5.33% Relative Accuracy	Equal to or lesser than 20% of the Reference Method	AllianceTechnical Group	August 2, 2022

A. Emission Unit Description:			B. Pollutant:
Kiln #3 - NOx (RATA Results -lb/hr)			NOx
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
14.29% Relative Accuracy	Equal to or lesser than 20% of the Reference Method	AllianceTechnical Group	August 2, 2022

A. Emission Unit Description:			B. Pollutant:
Kiln #3 - CO Compliance Testing (Three Run Average)			CO
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
48.9 ppmvd (Dry)	2000 ppmvd	AllianceTechnical Group	August 2, 2022

A. Emission Unit Description:			B. Pollutant:
Kiln #3 - CO (RATA Results - ppmvd - Average of Test)			CO
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
2.6% Relative Accuracy	RA Equal to or lesser than 10% of applicable standard	AllianceTechnical Group	August 2, 2022

Ventura County
Air Pollution
Control District

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SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 04 / 01 / 22 (MM/DD/YY) to 03 / 31 / 23 (MM/DD/YY)

A. Emission Unit Description:			B. Pollutant:
Kiln #3 - CO (Rata Results - lbs/hr)			CO
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
2.6% Relative Accuracy	RA Equal to or lesser than 10% of applicable standard	AllianceTechnical Group	August 2, 2022

A. Emission Unit Description:			B. Pollutant:
Kiln #3 - PM10 Compliance Testing (Three Run Average) - Rule #52			PM10
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
0.019 gr/dscf	0.0638 gr/dscf	AllianceTechnical Group	August 2, 2022

A. Emission Unit Description:			B. Pollutant:
Kiln #3 - PM10 Compliance Testing (Three Run Average) - Rule 53			PM10
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
2.9 lbs/hr	13.5 lbs/hr	AllianceTechnical Group	August 2, 2022

A. Emission Unit Description:			B. Pollutant:
Kiln #3 - PM Compliance Testing (Three Run Average) - PO00036PC3			PM
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
0.51 lbs/ton process weight	0.2748 lbs/ton process weight	AllianceTechnical Group	August 2, 2022

A. Emission Unit Description:			B. Pollutant:
Kiln #3 - Stack Flow (RATA Results in DSTFM)			Stack Flow
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
11.85% Relative Accuracy	RA Equal to or lesser than 20% of The Reference Method	AllianceTechnical Group	August 2, 2022

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SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 04 / 01 / 22 (MM/DD/YY) to 03 / 31 / 23 (MM/DD/YY)

A. Emission Unit Description:			B. Pollutant:
Kiln #3 - SO2 Compliance Testing (Three Run Average)			SO2
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
4.3 lbs/hr	7.61 lbs/hr	AllianceTechnical Group	August 2, 2022

A. Emission Unit Description:			B. Pollutant:
Kiln #3 - SO2 (RATA Results - ppmvd, Dry)			SO2
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
11.06% Relative Accuracy	RA Equal to or lesser than 20% of The Reference Method	AllianceTechnical Group	August 2, 2022

A. Emission Unit Description:			B. Pollutant:
Kiln #3 - SO2 (Rata Results - lbs/hr)			SO2
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
2.42% Relative Accuracy	RA Equal to or lesser than 20% of The Reference Method	AllianceTechnical Group	August 2, 2022

A. Emission Unit Description:			B. Pollutant:
Kiln #3 - SO2 (RATA Results, ppmvd Dry @ 15% O2)			SO2
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
12.42% Relative Accuracy	RA Equal to or lesser than 20% of The Reference Method	AllianceTechnical Group	August 2, 2022

A. Emission Unit Description:			B. Pollutant:
Kiln #3 - SO2 Compliance Testing - SO2 Compliance Testing - Rul32 54.B.1.a.10 (ppmvd @15% O2)			SO2
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
22.5 ppmvd	--------	AllianceTechnical Group	August 2, 2022

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Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION

SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 04 / 01 / 22 (MM/DD/YY) to 03 / 31 / 23 (MM/DD/YY)

A. Emission Unit Description:			B. Pollutant:
Kiln #3 - O2 (Rata Results)			O2
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
9.23% Relative Accuracy	RA Equal to or lesser than 20% of applicable standard	AllianceTechnical Group	August 2, 2022

A. Emission Unit Description:			B. Pollutant:
Kiln #3 NOx @ 3% O2 Compliance Testing (Three Run Average)			NOx
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
59.5ppmvd	-----	AllianceTechnical Group	August 2, 2022

A. Emission Unit Description:			B. Pollutant:
Kiln #3 - NOx (RATA Results - ppmvd @ 3%O2 Dry)			NOx
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
5.33 % Relative Accuracy	RA Equal to or lesser than 20% of The Reference Method	AllianceTechnical Group	August 2, 2022

A. Emission Unit Description:			B. Pollutant:
Kiln #4 NOx Compliance Testing (Three Run Average)			NOx
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
3.0 lb/hr	5.6 lb/hr	AllianceTechnical Group	August 10, 2022

A. Emission Unit Description:			B. Pollutant:
Kiln #4 NOx RATA Results - ppmvd, Dry)			NOx
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
5.11% Relative Accuracy	RA Equal to or lesser than 20% of The Reference Method	AllianceTechnical Group	August 10, 2022

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Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION

SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 04 / 01 / 22 (MM/DD/YY) to 03 / 31 / 23 (MM/DD/YY)

A. Emission Unit Description:			B. Pollutant:
Kiln #4 - NOx (RATA Results - lb/hr)			NOx
C. Measured Emission Rate:	**D. Limited Emission Rate:**	**E. Specific Source Test or Monitoring Record Citation:**	**F. Test Date:**
10.02% Relative Accuracy	RA Equal to or lesser than 20% of The Reference Method	AllianceTechnical Group	August 10, 2022

A. Emission Unit Description:			B. Pollutant:
Kiln #4 - NOx (Compliance Testing @ 3% O2 - Three Run Average)			NOx
C. Measured Emission Rate:	**D. Limited Emission Rate:**	**E. Specific Source Test or Monitoring Record Citation:**	**F. Test Date:**
13.6 ppmvd	-----	AllianceTechnical Group	August 10, 2022

A. Emission Unit Description:			B. Pollutant:
Kiln #4 - NOx (RATA Results @ 3% O2 - ppmvd)			NOx
C. Measured Emission Rate:	**D. Limited Emission Rate:**	**E. Specific Source Test or Monitoring Record Citation:**	**F. Test Date:**
16.92% Relative Accuracy	RA Equal to or lesser than 20% of The Reference Method	AllianceTechnical Group	August 10, 2022

A. Emission Unit Description:			B. Pollutant:
Kiln #4 - CO (Compliance Testing - Three Run Average)			CO
C. Measured Emission Rate:	**D. Limited Emission Rate:**	**E. Specific Source Test or Monitoring Record Citation:**	**F. Test Date:**
39.6 ppmvd	2,000 ppmvd	AllianceTechnical Group	August 10, 2022

A. Emission Unit Description:			B. Pollutant:
Kiln #4 CO (RATA RESULTS - ppmvd)			CO
C. Measured Emission Rate:	**D. Limited Emission Rate:**	**E. Specific Source Test or Monitoring Record Citation:**	**F. Test Date:**
7.90% Relative Accuracy	RA Equal to or lesser than 10% of applicable standard	AllianceTechnical Group	August 10, 2022

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SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 04 / 01 / 22 (MM/DD/YY) to 03 / 31 / 23 (MM/DD/YY)

A. Emission Unit Description:			B. Pollutant:
Kiln #4 - CO (RATA Results - lb/hr)			CO
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
9.61% Relative Accuracy	RA Equal to or lesser than 10% of applicable standard	AllianceTechnical Group	August 10, 2022

A. Emission Unit Description:			B. Pollutant:
Kiln #4 - PM10 (Compliance Testing - Three Run Average) - Rule 52			PM10
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
0.012 gr/dscf	0.0576 gr/dscf	AllianceTechnical Group	August 2, 2022

A. Emission Unit Description:			B. Pollutant:
Kiln #4 - PM10 Compliance Testing (Three RunAverage) - Rule 53			PM10
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
3.32 lb/hr	12.78 lb/hr	AllianceTechnical Group	August 2, 2022

A. Emission Unit Description:			B. Pollutant:
Kiln #4 - PM Compliance Testing - (Three Run Average) - PO00036PC3			PM
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
0.0057 lb/tons process weight	0.2747 lb/ton process weight	AllianceTechnical Group	August 2, 2022

A. Emission Unit Description:			B. Pollutant:
Kiln #4 - Stack Flow (RATA Results - dscfm			Stack Flow
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
4.51% Relative Accuracy	RA Equal to or lesser than 20% of The Reference Method	AllianceTechnical Group	August 2, 2022

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SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 04 / 01 / 22 (MM/DD/YY) to 03 / 31 / 23 (MM/DD/YY)

A. Emission Unit Description:			B. Pollutant:
Kiln #4 -SO2 Compliance Testing (ThreeRun Average)			SO2
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
5.9 lb/hr	8.28 lb/hr	AllianceTechnical Group	August 10, 2022

A. Emission Unit Description:			B. Pollutant:
Kiln #4 - SO2 (RATA Results - ppmvd, Dry)			SO2
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
13.84% Relative Accuracy	RA Equal to or lesser than 20% of The Reference Method	AllianceTechnical Group	August 10, 2022

A. Emission Unit Description:			B. Pollutant:
Kiln #4 - SO2 (RATA Results - lb/hr)			SO2
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
18.03 Relative Accuracy	RA Equal to or lesser than 20% of The Reference Method	AllianceTechnical Group	August 10, 2022

A. Emission Unit Description:			B. Pollutant:
Kiln #4 - SO2 (RATA Results - ppmvd, Dry @ 15% O2)			SO2
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
12.98% Relative Accuracy	RA Equal to or lesser than 20% Difference for % O2	AllianceTechnical Group	August 10, 2022

A. Emission Unit Description:			B. Pollutant:
Kiln #4 - SO2 Compliance Testing -Rule 54.B.1.10 (ppmvd @ 15% O2			SO2
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
27.1 ppmvd	-----	AllianceTechnical Group	August 2, 2022

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SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 04 / 01 / 22 (MM/DD/YY) to 03 / 31 / 23 (MM/DD/YY)

A. Emission Unit Description:			B. Pollutant:
Kiln #4 -O2 - Compliance Testing (Three Run Average)			O2
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
16.7 ppmvd	-----	AllianceTechnical Group	August 2, 2022

A. Emission Unit Description:			B. Pollutant:
Kiln#4 - O2 (RATA Results)			O2
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
4.05% Relative Accuracy	RA Equal to or lesser than 20% Difference for % O2	AllianceTechnical Group	August 10, 2022

A. Emission Unit Description:			B. Pollutant:
Raw Plant Baghouse - PM10 Compliance Testing (Three Run Average) -Rule -52			PM10
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
0.0030 gr/dscf	0.0784 gr/dscf	AllianceTechnical Group	August 2, 2022

A. Emission Unit Description:			B. Pollutant:
Raw Plant Baghouse - PM10 Compliance Testing (Three Run Average) - Rule 53			PM10
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
0.25 lb/hr	14.3 lb/hr	AllianceTechnical Group	August 2, 2022

A. Emission Unit Description:			B. Pollutant:
Finished End Baghouse - PM10 Compliance Testing (Three Run Average) -Rule 52			PM10
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
0.013 lb/hr process weight	----------	AllianceTechnical Group	August 2, 2022

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SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 04 / 01 / 22 (MM/DD/YY) to 03 / 31 / 23 (MM/DD/YY)

A. Emission Unit Description:			B. Pollutant:
Finished End Baghouse - PM10 Compliance Testing (Three Run Average) -Rule 53			PM10
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
0.013 lb/hr	11.8 lb/hr	Horizon Source Testing	September 28, 2020

A. Emission Unit Description:			B. Pollutant:
Finished End Baghouse - PM10 Compliance Testing (Three Run Average) -Rule 52			PM10
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
0.00089 gr/dscf	0.1551 gr/dscf	Horizon Source Testing	September 28, 2020

A. Emission Unit Description:			B. Pollutant:
Finished End Baghouse - PM10 Compliance Testing (Three Run Average) -Rule 52			PM10
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
0.0083 lb/ton process weight	----------	AllianceTechnical Group	August 2, 2022

A. Emission Unit Description:			B. Pollutant:
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:

A. Emission Unit Description:			B. Pollutant:
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:

APPENDIX H

Annual Compliance Certification
Deviation Summary Form

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION
DEVIATION SUMMARY FORM

Period Covered by Compliance Certification: 04 / 01 / 2022 (MM/DD/YY) to 03 / 31 / 2023 (MM/DD/YY)

A. Attachment # or Permit Condition #:	B. Equipment description:	C. Deviation Period: Date & Time
PO00036PC3-REV 271	K4 Baghouse	Begin: 01-19-2023/400 AM End: 01-19-2023/4:05 AM When Discovered: Date & Time 01-19-2023/4:00 AM
D. Parameters monitored:	**E. Limit:**	**F. Actual:**
PM	3 Min aggregate in 1 hour	None
G. Probable Cause of Deviation:	**H. Corrective actions taken:**	
Weather: Snow and Rain. The moisture caused the dust in the baghouse to case issues for the heavy steam that was coming from the baghouse stack. No visual emissions.	Shut-down baghouse to check the problem, cleaned out the compartments and checked the bags. Found no problem with the bags and put kiln 4 back on line. No visual emissions were seen after kiln 4 came back on line.	

A. Attachment # or Permit Condition #:	B. Equipment description:	C. Deviation Period: Date & Time
PO00036PC3 Condition #4	K3 Baghouse	Begin: 02-09-2023/9:40 AM End: 02-29-2023/10:30 AM When Discovered: Date & Time 02-09-2023/9:40 AM
D. Parameters monitored:	**E. Limit:**	**F. Actual:**
PM	3 Min aggregate in 1 hour	5 min aggregate in 1 hour
G. Probable Cause of Deviation:	**H. Corrective actions taken:**	
Broken Bags	Shut-down Baghouse checked bags for leakage and changed out 98 bags and 2 cages.	

A. Attachment # or Permit Condition #:	B. Equipment description:	C. Deviation Period: Date & Time
PO00036PC3 Condition #8a & 4	K3 Baghouse	Begin: 02-13-2023/10:17 AM End: 02-13-2023/10:39 AM When Discovered: Date & Time 02-13-2023/10:17 AM
D. Parameters monitored:	**E. Limit:**	**F. Actual:**
PM	3 Min aggregate in 1 hour	5 min aggregate in 1 hour
G. Probable Cause of Deviation:	**H. Corrective actions taken:**	
Broken Bags	Shut-down Baghouse checked bags for leakage and changed out 205 bags.	

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ANNUAL COMPLIANCE CERTIFICATION
DEVIATION SUMMARY FORM

Period Covered by Compliance Certification: 04 / 01 / 22 (MM/DD/YY) to 03 / 31 / 23 (MM/DD/YY)

A. Attachment # or Permit Condition #:	B. Equipment description:	C. Deviation Period: Date & Time
PO00036PC3 Condition #4	K4 Baghouse	Begin: 03-01-2023/10:45 AM End: 03-01-2023/2:08 PM When Discovered: Date & Time 03-01-2023/10:45 AM
D. Parameters monitored:	**E. Limit:**	**F. Actual:**
PM	3 Min aggregate in 1 hour	There were no visual emissions
G. Probable Cause of Deviation:	**H. Corrective actions taken:**	
Weather: Snow and Rain; froze the intruments.	There were no visul emissions. Draped a blanket and placed a heater in the area. the PM-10 started working properly at 2:08 PM.	

A. Attachment # or Permit Condition #:	B. Equipment description:	C. Deviation Period: Date & Time
		Begin: End: When Discovered: Date & Time
D. Parameters monitored:	**E. Limit:**	**F. Actual:**
G. Probable Cause of Deviation:	**H. Corrective actions taken:**	

A. Attachment # or Permit Condition #:	B. Equipment description:	C. Deviation Period: Date & Time
		Begin: End: When Discovered: Date & Time
D. Parameters monitored:	**E. Limit:**	**F. Actual:**
G. Probable Cause of Deviation:	**H. Corrective actions taken:**	

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DEVIATION SUMMARY FORM

Period Covered by Compliance Certification: 04 / 01 / 22 (MM/DD/YY) to 03 / 31 / 23 (MM/DD/YY)

A. Attachment # or Permit Condition #:	B. Equipment description:	C. Deviation Period: Date & Time
PO00036PC3 Condition #4	K4 Baghouse	Begin: 03-01-2023/10:45 AM End: 03-01-2023/2:08 PM When Discovered: Date & Time 03-01-2023/10:45 AM
D. Parameters monitored:	**E. Limit:**	**F. Actual:**
PM	3 Min aggregate in 1 hour	There were no visual emissions
G. Probable Cause of Deviation:	**H. Corrective actions taken:**	
Weather: Snow and Rain; froze the intruments.	There were no visul emissions. Draped a blanket and placed a heater in the area. the PM-10 started working properly at 2:08 PM.	

A. Attachment # or Permit Condition #:	B. Equipment description:	C. Deviation Period: Date & Time
PO00036PC3 Rule 50	Kiln #4 Baghouse	Begin: 03-17-2023 11:00 PM End: 03-17-2023 11:20 PM When Discovered: Date & Time 03-17-2023 11:00 PM
D. Parameters monitored:	**E. Limit:**	**F. Actual:**
PM	3 Min aggregate in 1 hour	
G. Probable Cause of Deviation:	**H. Corrective actions taken:**	
Broken bags.	Shutdown production; conducted an internal inspection of Baghouse K4 - replaced 108 broken bags.	

A. Attachment # or Permit Condition #:	B. Equipment description:	C. Deviation Period: Date & Time
PO00036PC3 Condition 8.e.	Kiln #3 Baghouse	Begin: 10/31/2022 11/4/2022 11/14/2022 (2) 12/29/2022 2/25/2023 End: When Discovered: Date & Time
D. Parameters monitored:	**E. Limit:**	**F. Actual:**
CAM - BH Temperature	>500 degrees F	502, 506, 501, 544, 503, 574 respectively
G. Probable Cause of Deviation:	**H. Corrective actions taken:**	
Loss feed to the Kiln due to upset conditions	Open the air line to feed fresh cooler air into the BH	

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DEVIATION SUMMARY FORM

Period Covered by Compliance Certification: 04 / 01 / 2023 (MM/DD/YY) to 03 / 31 / 2023 (MM/DD/YY)

A. Attachment # or Permit Condition #:	B. Equipment description:	C. Deviation Period: Date & Time
PO00036PC3 Condition 8.d.	Kiln #3 Baghouse	Begin: Jan - Feb 2023 End: Jan - Feb 2023 When Discovered: Date & Time May 2023
D. Parameters monitored:	**E. Limit:**	**F. Actual:**
CAM - BH Pressure Drop	3" - 7" inches of H20	varies
G. Probable Cause of Deviation:	**H. Corrective actions taken:**	
Airline pluggage; equipment malfunction	Flushed the air ine, cleaned and/or replaced tubing; returned unit back to service.	

A. Attachment # or Permit Condition #:	B. Equipment description:	C. Deviation Period: Date & Time
PO00036PC3 Condition 8.d.	Kiln #4 Baghouse	Begin: Oct- Dec 2022; Jan - Mar 2023 End: Oct - Dec 2022; Jan - Mar 2023 When Discovered: Date & Time May 2023
D. Parameters monitored:	**E. Limit:**	**F. Actual:**
CAM - BH Pressure Drop	3" - 7" inches of H2O	varies
G. Probable Cause of Deviation:	**H. Corrective actions taken:**	
Airline pluggage; equipment malfunction	Flushed the air line; cleaned and/ replaced tubing; returned unit back to service	

A. Attachment # or Permit Condition #:	B. Equipment description:	C. Deviation Period: Date & Time
PO00036PC3 Condition 8.e.	Kiln #4 Baghouse	Begin: 10/31/2022, 12/17/2022, 12/25/2022, End: 10/31/2022, 12/17/2022, 12/25/2022 When Discovered: Date & Time May 2023
D. Parameters monitored:	**E. Limit:**	**F. Actual:**
CAM - BH Temperature	>500 degrees of F	504,502, 514 respectively
G. Probable Cause of Deviation:	**H. Corrective actions taken:**	
Loss feed to the kiln	Open the air line and forced cooler air into the BH	