Arcosa lightweight LWFP LLC

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

April 23, 2022

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

RECEIVED
VENTURA COUNTY
2022 APR -4 AM 11:32
A.P.C.D.

RE: Title V Annual Compliance Report

Dear: Mr. Swede:

Enclosed is the 2021 to 2022 Title V Annual Compliance Certification with supporting documentation.

Certification by Responsible Official
I certify that based on a belief formed after reasonable inquiry, the statements and information in this Annual Compliance Certification are true, accurate and complete.

If you have any further questions, please contact me at 661-245-3736.

Sincerely,

Frank Parra
Plant Manager

CC:
Jerri Smith
Enviro Science Director

Anna
Environmental Analyst

Richard Stemen
Environmental/QC Technical Lead

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
669 County Square Drive
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 and Title of Responsible Official:	Date: 04-23-2022
Signature:	
Title: Plant Manager	

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION SIGNATURE COVER FORM

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

Mr. Gerardo Rios, Chief
Permits Office (AIR-3)
Office of Air 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: 5-2-2022
Title: Plant Manager	04-23-2022

Time Period Covered by Compliance Certification

04 / 01 / 2020 (MM/DD/YY) to 03 / 31 / 2020 (MM/DD/YY)

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION
PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 21 (MM/DD/YY) to 03 / 31 / 22 (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

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION
PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 21 (MM/DD/YY) to 03 / 31 / 22 (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): **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 #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 subsequent 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

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION
PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 21 (MM/DD/YY) to 03 / 31 / 22 (MM/DD/YY)

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

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION
PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 21 (MM/DD/YY) to 03 / 31 / 22 (MM/DD/YY)

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): 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 #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): C H. *Excursions, exceedances, or other non-compliance? (Y or N): Y *If yes, attach Deviation Summary Form **Pg 1**

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

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION
PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 21 (MM/DD/YY) to 03 / 31 / 22 (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

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION
PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 21 (MM/DD/YY) to 03 / 31 / 22 (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

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION
PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 21 (MM/DD/YY) to 03 / 31 / 22 (MM/DD/YY)

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

ANNUAL COMPLIANCE CERTIFICATION
PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 21 (MM/DD/YY) to 03 / 31 / 22 (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

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION
PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 21 (MM/DD/YY) to 03 / 31 / 22 (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

ANNUAL COMPLIANCE CERTIFICATION
PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 21 (MM/DD/YY) to 03 / 31 / 22 (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): I 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 / 21 (MM/DD/YY) to 03 / 31 / 22 (MM/DD/YY)

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

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION
PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 21 (MM/DD/YY) to 03 / 31 / 22 (MM/DD/YY)

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

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION
PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 21 (MM/DD/YY) to 03 / 31 / 22 (MM/DD/YY)

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

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION
PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 21 (MM/DD/YY) to 03 / 31 / 22 (MM/DD/YY)

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

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION
PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 21 (MM/DD/YY) to 03 / 31 / 22 (MM/DD/YY)

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

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION
PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 21 (MM/DD/YY) to 03 / 31 / 22 (MM/DD/YY)

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 attached 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.**	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

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION
PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 21 (MM/DD/YY) to 03 / 31 / 22 (MM/DD/YY)

A. Attachment # or Permit Condition #: Attachment 55 - Condition #6	D. Frequency of monitoring: ACC and recordkeeping.
B. Description: **General Applicabl 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

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION
PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 21 (MM/DD/YY) to 03 / 31 / 22 (MM/DD/YY)

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

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION
PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 21 (MM/DD/YY) to 03 / 31 / 22 (MM/DD/YY)

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

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION
PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 21 (MM/DD/YY) to 03 / 31 / 22 (MM/DD/YY)

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 geater 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

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION
PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 21 (MM/DD/YY) to 03 / 31 / 22 (MM/DD/YY)

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

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION
PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 21 (MM/DD/YY) to 03 / 31 / 22 (MM/DD/YY)

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: **N/A**
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 / 21 (MM/DD/YY) to 03 / 31 / 22 (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): 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 #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
Control District

ANNUAL COMPLIANCE CERTIFICATION

SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 04 / 01 / 21 (MM/DD/YY) to 03 / 31 / 22 (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:
3.25 lb/hr	6.9 lb/hr	Alliance Technical Group (ATG)	October 12, 2021

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:
5.95% Relative Accuracy	Equal to or lesser than 20% of the Reference Method	Alliance Technical Group (ATG)	October 12, 2021

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:
3.21% Relative Accuracy	Equal to or lesser than 20% of the Reference Method	Alliance Technical Group (ATG)	October 12, 2021

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:
53.8 ppmvd (Dry)	2000 ppmvd	Alliance Technical Group (ATG)	October 12, 2021

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:
1.72% Relative Accuracy	RA Equal to or lesser than 10% of applicable standard	Alliance Technical Group (ATG)	October 12, 2021

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION

SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 04 / 01 / 21 (MM/DD/YY) to 03 / 31 / 22 (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:**
3.18% Relative Accuracy	RA Equal to or lesser than 10% of applicable standard	Alliance Technical Group (ATG)	October 12, 2021

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:**
0.0192 gr/dscf	0.0638 gr/dscf	Alliance Technical Group (ATG)	October 12, 2021

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:**
3.06 lbs/hr	12.54 lbs/hr	Alliance Technical Group (ATG)	October 12, 2021

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:**
0.175 lbs/ton process weight	0.2748 lbs/ton process weight	Alliance Technical Group (ATG)	October 12, 2021

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:**
4.18% Relative Accuracy	RA Equal to or lesser than 20% of The Reference Method	Alliance Technical Group (ATG)	October 12, 2021

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION

SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 04 / 01 / 21 (MM/DD/YY) to 03 / 31 / 22 (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:
3.95 lbs/hr	7.61 lbs/hr	Alliance Technical Group (ATG)	October 12, 2021

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:
9.45% Relative Accuracy	RA Equal to or lesser than 20% of The Reference Method	Alliance Technical Group (ATG)	October 12, 2021

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:
7.18% Relative Accuracy	RA Equal to or lesser than 20% of The Reference Method	Alliance Technical Group (ATG)	October 12, 2021

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:
1.58% Relative Accuracy	RA Equal to or lesser than 20% of The Reference Method	Alliance Technical Group (ATG)	October 12, 2021

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:
19.6 ppmvd	--------	Alliance Technical Group (ATG)	October 12, 2021

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION

SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 04 / 01 / 21 (MM/DD/YY) to 03 / 31 / 22 (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:
6.79% Relative Accuracy	RA Equal to or lesser than 10% of applicable standard	Alliance Technical Group (ATG)	October 12,2021

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:
68.4 ppmvd	-----	Alliance Technical Group (ATG)	October 12,2022

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:
11.25% Relative Accuracy	RA Equal to or lesser than 20% of The Reference Method	Alliance Technical Group (ATG)	October 12,2021

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:
3.35 lb/hr	5.6 lb/hr	Alliance Technical Group (ATG)	October 14, 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:
11.13% Relative Accuracy	RA Equal to or lesser than 20% of The Reference Method	Alliance Technical Group (ATG)	October 14, 2022

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION

SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 04 / 01 / 21 (MM/DD/YY) to 03 / 31 / 22 (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:
16.54% Relative Accuracy	RA Equal to or lesser than 20% of The Reference Method	Alliance Technical Group (ATG)	October 14, 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:
68.3 ppmvd	-----	Alliance Technical Group (ATG)	October 14, 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:
8.40% Relative Accuracy	RA Equal to or lesser than 20% of The Reference Method	Alliance Technical Group (ATG)	October 14, 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:
40.7 ppmvd	2,000 ppmvd	Alliance Technical Group (ATG)	October 14, 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:
3.18% Relative Accuracy	RA Equal to or lesser than 10% of applicable standard	Horizon Source Testing	September 28, 2020

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION

SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 04 / 01 / 21 (MM/DD/YY) to 03 / 31 / 22 (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:
3.71% Relative Accuracy	RA Equal to or lesser than 10% of applicable standard	Alliance Technical Group (ATG)	October 14, 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:
0.0119 gr/dscf	0.0581 gr/dscf	Alliance Technical Group (ATG)	October 14, 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:
2.71 lb/hr	12.78 lb/hr	Alliance Technical Group (ATG)	October 14, 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:
0.0423 lb/tons process weight	0.2748 lb/ton process weight	Alliance Technical Group (ATG)	October 14, 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:
3.24% Relative Accuracy	RA Equal to or lesser than 20% of The Reference Method	Alliance Technical Group (ATG)	October 14, 2022

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION

SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 04 / 01 / 21 (MM/DD/YY) to 03 / 31 / 22 (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:
5.08 lb/hr	8.28 lb/hr	Alliance Technical Group (ATG)	October 14, 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:
16.73% Relative Accuracy	RA Equal to or lesser than 20% of The Reference Method	Alliance Technical Group (ATG)	October 14, 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:
16.73% Relative Accuracy	RA Equal to or lesser than 20% of The Reference Method	Alliance Technical Group (ATG)	October 14, 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:
0.97% Relative Accuracy	RA Equal to or lesser than 1% Difference for % O2	Alliance Technical Group (ATG)	October 14, 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:
24.5 ppmvd	----	Alliance Technical Group (ATG)	October 14, 2022

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION

SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 04 / 01 / 21 (MM/DD/YY) to 03 / 31 / 22 (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:
16.30 ppmvd	-----	Alliance Technical Group (ATG)	October 14, 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:
3.64% Relative Accuracy	RA Equal to or lesser than 1% Difference for % O2	Alliance Technical Group (ATG)	October 14, 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:
0.00238gr/dscf	0.0825 gr/dscf	Alliance Technical Group (ATG)	October 14, 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:
0.242 lb/hr	12.1 lb/hr	Alliance Technical Group (ATG)	October 14, 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:
0.00243 lb/ton process weight	----------	Alliance Technical Group (ATG)	October 14, 2022

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION

SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 04 / 01 / 21 (MM/DD/YY) to 03 / 31 / 22 (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:
0.0247 lb/hr	**11.8 lb/hr**	**Alliance Technical Group (ATG)**	**October 14, 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:
0.00149 gr/dscf	**0.1551 gr/dscf**	**Alliance Technical Group (ATG)**	**October 14, 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:
0.00243 lb/ton process weight	----------	**Alliance Technical Group (ATG)**	**October 14, 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 A

PO0036PC1 Condition #1
PO0036PC3 Condition #1

General Production and Throughput Data

Raw Material Extruder
Annual Lightweight Aggregate Produced

Daily & Monthly Raw Material Processed (Clay)

Apr-21	Extruder #1 (tons)	Hours Run	Total
4/1/2021	208	4.8	208
4/2/2021	311	7.2	311
4/3/2021	337	7.8	337
4/4/2021	350	8.1	350
4/5/2021	333	7.7	333
4/6/2021	350	8.1	350
4/7/2021	337	7.8	337
4/8/2021	342	7.9	342
4/9/2021	324	7.5	324
4/10/2021	342	7.9	342
4/11/2021	268	6.2	268
4/12/2021	337	7.8	337
4/13/2021	303	7.0	303
4/14/2021	264	6.1	264
4/15/2021	273	6.3	273
4/16/2021	277	6.4	277
4/17/2021	156	3.6	156
4/18/2021	255	5.9	255
4/19/2021	337	7.8	337
4/20/2021	290	6.7	290
4/21/2021	255	5.9	255
4/22/2021	281	6.5	281
4/23/2021	251	5.8	251
4/24/2021	221	5.1	221
4/25/2021	281	6.5	281
4/26/2021	277	6.4	277
4/27/2021	281	6.5	281
4/28/2021	294	6.8	294
4/29/2021	286	6.6	286
4/30/2021	290	6.7	290
Totals	8,712.56	201.40	8,712.56

Month	Raw Material (RM) Extruder
May-21	10,560.0
Jun-21	9,612.0
Jul-21	9,595.0
Aug-21	12,926.0
Sep-21	6,749.0
Oct-21	10,330.0
Nov-21	12,969.0
Dec-21	11,486.0
Jan-21	9,444.0
Feb-21	9,111.0
Mar-21	10,023.0
Apr-21	8,713.0
RM Total	121,518.00

Daily & Monthly Raw Material Processed (Clay)

May-21	Extruder #1 (tons)	Hours Run	Total
5/1/2021	346	8	346
5/2/2021	333	7.7	333
5/3/2021	324	7.5	324
5/4/2021	156	3.6	156
5/5/2021	229	5.3	229
5/6/2021	182	4.2	182
5/7/2021	273	6.3	273
5/8/2021	251	5.8	251
5/9/2021	333	7.7	333
5/10/2021	355	8.2	355
5/11/2021	290	6.7	290
5/12/2021	363	8.4	363
5/13/2021	359	8.3	359
5/14/2021	368	8.5	368
5/15/2021	311	7.2	311
5/16/2021	450	10.4	450
5/17/2021	372	8.6	372
5/18/2021	329	7.6	329
5/19/2021	324	7.5	324
5/20/2021	337	7.8	337
5/21/2021	329	7.6	329
5/22/2021	294	6.8	294
5/23/2021	298	6.9	298
5/24/2021	277	6.4	277
5/25/2021	497	11.5	497
5/26/2021	294	6.8	294
5/27/2021	355	8.2	355
5/28/2021	303	7	303
5/29/2021	407	9.4	407
5/30/2021	363	8.4	363
5/31/2021	398	9.2	398
Totals	9,703.22	224.30	10,101.21

Month	Raw Material (RM) Extruder
Jun-21	9,612.0
Jul-21	9,595.0
Aug-21	12,926.0
Sep-21	6,749.0
Oct-21	10,330.0
Nov-21	12,969.0
Dec-21	11,486.0
Jan-21	9,444.0
Feb-21	9,111.0
Mar-21	10,023.0
Apr-21	8,713.0
May-21	10,101.2
RM Total	121,059.21

Monthly Raw Material Processed (Clay)

May-21	Extruder #1 (tons)	Hours Run	Total
5/1/2021	346	8	346
5/2/2021	333	7.7	333
5/3/2021	324	7.5	324
5/4/2021	156	3.6	156
5/5/2021	229	5.3	229
5/6/2021	182	4.2	182
5/7/2021	273	6.3	273
5/8/2021	251	5.8	251
5/9/2021	333	7.7	333
5/10/2021	355	8.2	355
5/11/2021	290	6.7	290
5/12/2021	363	8.4	363
5/13/2021	359	8.3	359
5/14/2021	368	8.5	368
5/15/2021	311	7.2	311
5/16/2021	450	10.4	450
5/17/2021	372	8.6	372
5/18/2021	329	7.6	329
5/19/2021	324	7.5	324
5/20/2021	337	7.8	337
5/21/2021	329	7.6	329
5/22/2021	294	6.8	294
5/23/2021	298	6.9	298
5/24/2021	277	6.4	277
5/25/2021	497	11.5	497
5/26/2021	294	6.8	294
5/27/2021	355	8.2	355
5/28/2021	303	7	303
5/29/2021	407	9.4	407
5/30/2021	363	8.4	363
5/31/2021	398	9.2	398
Totals	9,703.22	224.30	10,101.21

Month	Raw Material (RM) Extruder
Jun-21	9,612.0
Jul-21	9,595.0
Aug-21	12,926.0
Sep-21	6,749.0
Oct-21	10,330.0
Nov-21	12,969.0
Dec-21	11,486.0
Jan-21	9,444.0
Feb-21	9,111.0
Mar-21	10,023.0
Apr-21	8,713.0
May-21	10,101.2
RM Total	121,059.21

Daily & Monthly Raw Material Processed (Clay)

Jun-21	Extruder #1 (tons)	Hours Run	Total
6/1/2021	216	5	216
6/2/2021	320	7.4	320
6/3/2021	337	7.8	337
6/4/2021	329	7.6	329
6/5/2021	324	7.5	324
6/6/2021	298	6.9	298
6/7/2021	329	7.6	329
6/8/2021	588	13.6	588
6/9/2021	679	15.7	679
6/10/2021	684	15.8	684
6/11/2021	541	12.5	541
6/12/2021	497	11.5	497
6/13/2021	679	15.7	679
6/14/2021	549	12.7	549
6/15/2021	342	7.9	342
6/16/2021	623	14.4	623
6/17/2021	1008	23.3	1008
6/18/2021	558	12.9	558
6/19/2021	536	12.4	536
6/20/2021	614	14.2	614
6/21/2021	619	14.3	619
6/22/2021	887	20.5	887
6/23/2021	822	19	822
6/24/2021	554	12.8	554
6/25/2021	640	14.8	640
6/26/2021	666	15.4	666
6/27/2021	303	7	303
6/28/2021	588	13.6	588
6/29/2021	523	12.1	523
6/30/2021	307	7.1	307
Totals	15,962.94	369.00	15,962.94

Month	Raw Material (RM) Extruder
Jul-21	9,595.0
Aug-21	12,926.0
Sep-21	6,749.0
Oct-21	10,330.0
Nov-21	12,969.0
Dec-21	11,486.0
Jan-21	9,444.0
Feb-21	9,111.0
Mar-21	10,023.0
Apr-21	8,713.0
May-21	10,101.2
Jun-21	15,962.9
RM Total	127,410.15

Daily & Monthly Raw Material Processed (Clay)

Jul-21	Extruder #1 (tons)	Hours Run	Total
7/1/2021	459	10.6	459
7/2/2021	770	17.8	770
7/3/2021	454	10.5	454
7/4/2021	467	10.8	467
7/5/2021	532	12.3	532
7/6/2021	558	12.9	558
7/7/2021	562	13.0	562
7/8/2021	619	14.3	619
7/9/2021	857	19.8	857
7/10/2021	601	13.9	601
7/11/2021	48	1.1	48
7/12/2021	0	0.0	0
7/13/2021	0	0.0	0
7/14/2021	0	0.0	0
7/15/2021	35	0.8	35
7/16/2021	255	5.9	255
7/17/2021	311	7.2	311
7/18/2021	575	13.3	575
7/19/2021	480	11.1	480
7/20/2021	528	12.2	528
7/21/2021	593	13.7	593
7/22/2021	809	18.7	809
7/23/2021	316	7.3	316
7/24/2021	606	14.0	606
7/25/2021	523	12.1	523
7/26/2021	485	11.2	485
7/27/2021	623	14.4	623
7/28/2021	645	14.9	645
7/29/2021	584	13.5	584
7/30/2021	675	15.6	675
7/31/2021	692	16.0	692
Totals	13,968.65	322.90	14,660.81

Month	Raw Material (RM) Extruder
Aug-21	12,926.0
Sep-21	6,749.0
Oct-21	10,330.0
Nov-21	12,969.0
Dec-21	11,486.0
Jan-21	9,444.0
Feb-21	9,111.0
Mar-21	10,023.0
Apr-21	8,713.0
May-21	10,101.2
Jun-21	15,962.9
Jul-21	14,660.8
RM Total	132,475.96

Daily & Monthly Raw Material Processed (Clay)

Aug-21	Extruder #1 (tons)	Hours Run	Total
8/1/2021	156	3.6	156
8/2/2021	727	16.8	727
8/3/2021	286	6.6	286
8/4/2021	286	6.6	286
8/5/2021	428	9.9	428
8/6/2021	320	7.4	320
8/7/2021	389	9.0	389
8/8/2021	606	14.0	606
8/9/2021	567	13.1	567
8/10/2021	463	10.7	463
8/11/2021	355	8.2	355
8/12/2021	130	3.0	130
8/13/2021	320	7.4	320
8/14/2021	320	7.4	320
8/15/2021	636	14.7	636
8/16/2021	281	6.5	281
8/17/2021	372	8.6	372
8/18/2021	342	7.9	342
8/19/2021	350	8.1	350
8/20/2021	346	8.0	346
8/21/2021	125	2.9	125
8/22/2021	519	12.0	519
8/23/2021	463	10.7	463
8/24/2021	329	7.6	329
8/25/2021	398	9.2	398
8/26/2021	290	6.7	290
8/27/2021	324	7.5	324
8/28/2021	0	0.0	0
8/29/2021	355	8.2	355
8/30/2021	303	7.0	303
8/31/2021	385	8.9	385
Totals	10,784.72	249.30	11,169.73

Month	Raw Material (RM) Extruder
Sep-21	6,749.0
Oct-21	10,330.0
Nov-21	12,969.0
Dec-21	11,486.0
Jan-21	9,444.0
Feb-21	9,111.0
Mar-21	10,023.0
Apr-21	8,713.0
May-21	10,101.2
Jun-21	15,962.9
Jul-21	14,660.8
Aug-21	11,169.7
RM Total	130,719.69

Daily & Monthly Raw Material Processed (Clay)

Sep-21	Extruder #1 (tons)	Hours Run	Total
9/1/2021	294	6.8	294
9/2/2021	273	6.3	273
9/3/2021	329	7.6	329
9/4/2021	286	6.6	286
9/5/2021	281	6.5	281
9/6/2021	381	8.8	381
9/7/2021	381	8.8	381
9/8/2021	320	7.4	320
9/9/2021	441	10.2	441
9/10/2021	337	7.8	337
9/11/2021	286	6.6	286
9/12/2021	333	7.7	333
9/13/2021	372	8.6	372
9/14/2021	333	7.7	333
9/15/2021	303	7	303
9/16/2021	307	7.1	307
9/17/2021	420	9.7	420
9/18/2021	290	6.7	290
9/19/2021	329	7.6	329
9/20/2021	186	4.3	186
9/21/2021	0	0	0
9/22/2021	0	0	0
9/23/2021	0	0	0
9/24/2021	0	0	0
9/25/2021	0	0	0
9/26/2021	0	0	0
9/27/2021	0	0	0
9/28/2021	0	0	0
9/29/2021	39	0.9	39
9/30/2021	229	5.3	229
Totals	6,748.56	156.00	6,748.56

Month	Raw Material (RM) Extruder
Oct-21	10,330.0
Nov-21	12,969.0
Dec-21	11,486.0
Jan-21	9,444.0
Feb-21	9,111.0
Mar-21	10,023.0
Apr-21	8,713.0
May-21	10,101.2
Jun-21	15,962.9
Jul-21	14,660.8
Aug-21	11,169.7
Sep-21	6,748.6
RM Total	130,719.25

Daily & Monthly Raw Material Processed (Clay)

Sep-21	Extruder #1 (tons)	Hours Run	Total
9/1/2021	294	6.8	294
9/2/2021	273	6.3	273
9/3/2021	329	7.6	329
9/4/2021	286	6.6	286
9/5/2021	281	6.5	281
9/6/2021	381	8.8	381
9/7/2021	381	8.8	381
9/8/2021	320	7.4	320
9/9/2021	441	10.2	441
9/10/2021	337	7.8	337
9/11/2021	286	6.6	286
9/12/2021	333	7.7	333
9/13/2021	372	8.6	372
9/14/2021	333	7.7	333
9/15/2021	303	7	303
9/16/2021	307	7.1	307
9/17/2021	420	9.7	420
9/18/2021	290	6.7	290
9/19/2021	329	7.6	329
9/20/2021	186	4.3	186
9/21/2021	0	0	0
9/22/2021	0	0	0
9/23/2021	0	0	0
9/24/2021	0	0	0
9/25/2021	0	0	0
9/26/2021	0	0	0
9/27/2021	0	0	0
9/28/2021	0	0	0
9/29/2021	39	0.9	39
9/30/2021	229	5.3	229
Totals	6,748.56	156.00	6,748.56

Month	Raw Material (RM) Extruder
Oct-21	10,330.0
Nov-21	12,969.0
Dec-21	11,486.0
Jan-21	9,444.0
Feb-21	9,111.0
Mar-21	10,023.0
Apr-21	8,713.0
May-21	10,101.2
Jun-21	15,962.9
Jul-21	14,660.8
Aug-21	11,169.7
Sep-21	6,748.6
RM Total	130,719.25

Daily & Monthly Raw Material Processed (Clay)

Oct-21	Extruder #1 (tons)	Hours Run	Total
10/1/2021	497	11.5	497
10/2/2021	333	7.7	333
10/3/2021	337	7.8	337
10/4/2021	203	4.7	203
10/5/2021	43	1.0	43
10/6/2021	376	8.7	376
10/7/2021	502	11.6	502
10/8/2021	264	6.1	264
10/9/2021	632	14.6	632
10/10/2021	606	14.0	606
10/11/2021	281	6.5	281
10/12/2021	0	0.0	0
10/13/2021	0	0.0	0
10/14/2021	376	8.7	376
10/15/2021	870	20.1	870
10/16/2021	567	13.1	567
10/17/2021	472	10.9	472
10/18/2021	294	6.8	294
10/19/2021	394	9.1	394
10/20/2021	329	7.6	329
10/21/2021	203	4.7	203
10/22/2021	260	6.0	260
10/23/2021	342	7.9	342
10/24/2021	337	7.8	337
10/25/2021	143	3.3	143
10/26/2021	350	8.1	350
10/27/2021	320	7.4	320
10/28/2021	337	7.8	337
10/29/2021	242	5.6	242
10/30/2021	342	7.9	342
10/31/2021	337	7.8	337
Totals	10,252.62	237.00	10,590.05

Month	Raw Material (RM) Extruder
Nov-21	12,969.0
Dec-21	11,486.0
Jan-21	9,444.0
Feb-21	9,111.0
Mar-21	10,023.0
Apr-21	8,713.0
May-21	10,101.2
Jun-21	15,962.9
Jul-21	14,660.8
Aug-21	11,169.7
Sep-21	6,748.6
Oct-21	10,590.1
RM Total	130,979.30

Daily & Monthly Raw Material Processed (Clay)

Nov-21	Extruder #1 (tons)	Hours Run	Total
11/1/2021	324	7.5	324
11/2/2021	320	7.4	320
11/3/2021	407	9.4	407
11/4/2021	324	7.5	324
11/5/2021	420	9.7	420
11/6/2021	333	7.7	333
11/7/2021	376	8.7	376
11/8/2021	493	11.4	493
11/9/2021	389	9	389
11/10/2021	264	6.1	264
11/11/2021	441	10.2	441
11/12/2021	355	8.2	355
11/13/2021	346	8	346
11/14/2021	350	8.1	350
11/15/2021	515	11.9	515
11/16/2021	610	14.1	610
11/17/2021	324	7.5	324
11/18/2021	394	9.1	394
11/19/2021	407	9.4	407
11/20/2021	766	17.7	766
11/21/2021	497	11.5	497
11/22/2021	688	15.9	688
11/23/2021	640	14.8	640
11/24/2021	597	13.8	597
11/25/2021	632	14.6	632
11/26/2021	584	13.5	584
11/27/2021	385	8.9	385
11/28/2021	584	13.5	584
11/29/2021	606	14	606
11/30/2021	506	11.7	506
Totals	13,877.81	320.80	13,877.81

Month	Raw Material (RM) Extruder
Dec-21	11,486.0
Jan-21	9,444.0
Feb-21	9,111.0
Mar-21	10,023.0
Apr-21	8,713.0
May-21	10,101.2
Jun-21	15,962.9
Jul-21	14,660.8
Aug-21	11,169.7
Sep-21	6,748.6
Oct-21	10,590.1
Nov-21	13,877.8
RM Total	131,888.11

Daily & Monthly Raw Material Processed (Clay)

Dec-21	Extruder #1 (tons)	Hours Run	Total
12/1/2021	541	12.5	541
12/2/2021	593	13.7	593
12/3/2021	653	15.1	653
12/4/2021	424	9.8	424
12/5/2021	329	7.6	329
12/6/2021	446	10.3	446
12/7/2021	437	10.1	437
12/8/2021	355	8.2	355
12/9/2021	394	9.1	394
12/10/2021	156	3.6	156
12/11/2021	0	0.0	0
12/12/2021	298	6.9	298
12/13/2021	376	8.7	376
12/14/2021	368	8.5	368
12/15/2021	424	9.8	424
12/16/2021	359	8.3	359
12/17/2021	350	8.1	350
12/18/2021	359	8.3	359
12/19/2021	316	7.3	316
12/20/2021	385	8.9	385
12/21/2021	307	7.1	307
12/22/2021	398	9.2	398
12/23/2021	350	8.1	350
12/24/2021	277	6.4	277
12/25/2021	324	7.5	324
12/26/2021	337	7.8	337
12/27/2021	363	8.4	363
12/28/2021	350	8.1	350
12/29/2021	433	10.0	433
12/30/2021	177	4.1	177
12/31/2021	208	4.8	208
Totals	10,879.89	251.50	11,087.54

Month	Raw Material (RM) Extruder
Jan-21	9,444.0
Feb-21	9,111.0
Mar-21	10,023.0
Apr-21	8,713.0
May-21	10,101.2
Jun-21	15,962.9
Jul-21	14,660.8
Aug-21	11,169.7
Sep-21	6,748.6
Oct-21	10,590.1
Nov-21	13,877.8
Dec-21	11,087.5
RM Total	131,489.65

Daily & Monthly Raw Material Processed (Clay)

Jan-22	Extruder #1 (tons)	Hours Run	Total
1/1/2022	303	7.0	303
1/2/2022	342	7.9	342
1/3/2022	307	7.1	307
1/4/2022	389	9.0	389
1/5/2022	0	0.0	0
1/6/2022	376	8.7	376
1/7/2022	342	7.9	342
1/8/2022	333	7.7	333
1/9/2022	78	1.8	78
1/10/2022	342	7.9	342
1/11/2022	277	6.4	277
1/12/2022	286	6.6	286
1/13/2022	329	7.6	329
1/14/2022	298	6.9	298
1/15/2022	307	7.1	307
1/16/2022	381	8.8	381
1/17/2022	143	3.3	143
1/18/2022	286	6.6	286
1/19/2022	459	10.6	459
1/20/2022	298	6.9	298
1/21/2022	359	8.3	359
1/22/2022	346	8.0	346
1/23/2022	290	6.7	290
1/24/2022	251	5.8	251
1/25/2022	342	7.9	342
1/26/2022	324	7.5	324
1/27/2022	273	6.3	273
1/28/2022	359	8.3	359
1/29/2022	316	7.3	316
1/30/2022	333	7.7	333
1/31/2022	376	8.7	376
Totals	9,067.30	209.6	9,443.66

Month	Raw Material (RM) Extruder
Feb-21	9,111.0
Mar-21	10,023.0
Apr-21	8,713.0
May-21	10,101.2
Jun-21	15,962.9
Jul-21	14,660.8
Aug-21	11,169.7
Sep-21	6,748.6
Oct-21	10,590.1
Nov-21	13,877.8
Dec-21	11,087.5
Jan-22	9,344.7
RM Total	131,390.31

Daily & Monthly Raw Material Processed (Clay)

Feb-22	Extruder #1 (tons)	Hours Run	Total
2/1/2022	311	7.2	311
2/2/2022	199	4.6	199
2/3/2022	112	2.6	112
2/4/2022	337	7.8	337
2/5/2022	398	9.2	398
2/6/2022	407	9.4	407
2/7/2022	411	9.5	411
2/8/2022	489	11.3	489
2/9/2022	658	15.2	658
2/10/2022	653	15.1	653
2/11/2022	562	13.0	562
2/12/2022	428	9.9	428
2/13/2022	541	12.5	541
2/14/2022	770	17.8	770
2/15/2022	545	12.6	545
2/16/2022	541	12.5	541
2/17/2022	441	10.2	441
2/18/2022	433	10.0	433
2/19/2022	385	8.9	385
2/20/2022	640	14.8	640
2/21/2022	753	17.4	753
2/22/2022	645	14.9	645
2/23/2022	601	13.9	601
2/24/2022	489	11.3	489
2/25/2022	571	13.2	571
2/26/2022	433	10.0	433
2/27/2022	424	9.8	424
2/28/2022	320	7.4	320
Totals	13,497.12	312.0	13,497.12

Month	Raw Material (RM) Extruder
Mar-21	10,023.0
Apr-21	8,713.0
May-21	10,101.2
Jun-21	15,962.9
Jul-21	14,660.8
Aug-21	11,169.7
Sep-21	6,748.6
Oct-21	10,590.1
Nov-21	13,877.8
Dec-21	11,087.5
Jan-22	9,344.7
Feb-22	13,497.1
RM Total	135,776.43

Daily & Monthly Raw Material Processed (Clay)

Mar-22	Extruder #1 (tons)	Hours Run	Total
3/1/2021	493	11.4	493
3/2/2021	346	8.0	346
3/3/2021	450	10.4	450
3/4/2021	381	8.8	381
3/5/2021	541	12.5	541
3/6/2021	467	10.8	467
3/7/2021	221	5.1	221
3/8/2021	588	13.6	588
3/9/2021	636	14.7	636
3/10/2021	506	11.7	506
3/11/2021	454	10.5	454
3/12/2021	437	10.1	437
3/13/2021	342	7.9	342
3/14/2021	290	6.7	290
3/15/2021	389	9.0	389
3/16/2021	446	10.3	446
3/17/2021	614	14.2	614
3/18/2021	554	12.8	554
3/19/2021	619	14.3	619
3/20/2021	554	12.8	554
3/21/2021	597	13.8	597
3/22/2021	575	13.3	575
3/23/2021	597	13.8	597
3/24/2021	454	10.5	454
3/25/2021	584	13.5	584
3/26/2021	381	8.8	381
3/27/2021	558	12.9	558
3/28/2021	216	5.0	216
3/29/2021	480	11.1	480
3/30/2021	645	14.9	645
3/31/2021	234	5.4	234
Totals	14,414.23	333.2	14,647.84

Month	Raw Material (RM) Extruder
Apr-21	8,713.0
May-21	10,101.2
Jun-21	15,962.9
Jul-21	14,660.8
Aug-21	11,169.7
Sep-21	6,748.6
Oct-21	10,590.1
Nov-21	13,877.8
Dec-21	11,087.5
Jan-22	9,344.7
Feb-22	13,497.1
Mar-22	14,647.8
RM Total	140,401.27

Genral Production and Throughput

Apr-21	Kiln #3 (tons)	Kiln #4 (tons)	Totals
4/1/2021	0	117	117
4/2/2021	0	239	239
4/3/2021	0	240	240
4/4/2021	0	239	239
4/5/2021	0	237	237
4/6/2021	0	243	243
4/7/2021	0	235	235
4/8/2021	0	235	235
4/9/2021	0	234	234
4/10/2021	0	219	219
4/11/2021	0	239	239
4/12/2021	0	239	239
4/13/2021	0	240	240
4/14/2021	0	243	243
4/15/2021	0	243	243
4/16/2021	0	243	243
4/17/2021	0	244	244
4/18/2021	0	245	245
4/19/2021	0	239	239
4/20/2021	0	247	247
4/21/2021	0	243	243
4/22/2021	0	242	242
4/23/2021	0	242	242
4/24/2021	0	240	240
4/25/2021	0	240	240
4/26/2021	0	239	239
4/27/2021	0	239	239
4/28/2021	0	240	240
4/29/2021	0	237	237
4/30/2021	0	231	231
Totals	-	7,053	7,053

Month	Throughput Tons
May-20	7,454
Jun-20	7,494
Jul-20	7,471
Aug-20	8,388
Sep-20	4,513
Oct-20	6,848
Nov-20	7,833
Dec-20	7,440
Jan-21	6,570
Feb-21	6,122
Mar-21	7,159
Apr-21	7,053
Month Rolling Totals	84,345

Genral Production and Throughput

May-21	Kiln #3 (tons)	Kiln #4 (tons)	Totals
5/1/2021	0	226	226
5/2/2021	0	229	229
5/3/2021	0	234	234
5/4/2021	0	111	111
5/5/2021	0	223	223
5/6/2021	0	69	69
5/7/2021	0	166	166
5/8/2021	0	211	211
5/9/2021	0	214	214
5/10/2021	0	214	214
5/11/2021	0	210	210
5/12/2021	0	214	214
5/13/2021	0	209	209
5/14/2021	0	209	209
5/15/2021	0	210	210
5/16/2021	0	211	211
5/17/2021	0	215	215
5/18/2021	0	212	212
5/19/2021	0	209	209
5/20/2021	0	212	212
5/21/2021	0	209	209
5/22/2021	0	210	210
5/23/2021	0	214	214
5/24/2021	0	216	216
5/25/2021	0	209	209
5/26/2021	0	209	209
5/27/2021	0	212	212
5/28/2021	0	209	209
5/29/2021	0	209	209
5/30/2021	0	209	209
5/31/2021	0	209	209
Totals	-	6,114	6,323

Month	Throughput Tons
Jun-20	7,494
Jul-20	7,471
Aug-20	8,388
Sep-20	4,513
Oct-20	6,848
Nov-20	7,833
Dec-20	7,440
Jan-21	6,570
Feb-21	6,122
Mar-21	7,159
Apr-21	7,053
May-21	6,323
Month Rolling Totals	83,214

Genral Production and Throughput

Jun-21	Kiln #3 (tons)	Kiln #4 (tons)	Totals
6/1/2021	0	206	206
6/2/2021	0	98	98
6/3/2021	0	205	205
6/4/2021	0	202	202
6/5/2021	0	202	202
6/6/2021	0	214	214
6/7/2021	0	209	209
6/8/2021	176	177	353
6/9/2021	386	209	177
6/10/2021	173	213	386
6/11/2021	175	212	386
6/12/2021	115	213	329
6/13/2021	169	209	378
6/14/2021	170	90	260
6/15/2021	108	154	262
6/16/2021	158	209	367
6/17/2021	166	214	380
6/18/2021	124	165	290
6/19/2021	151	192	343
6/20/2021	166	209	375
6/21/2021	166	213	379
6/22/2021	165	214	379
6/23/2021	110	217	327
6/24/2021	163	212	376
6/25/2021	165	186	351
6/26/2021	119	149	268
6/27/2021	164	192	357
6/28/2021	169	164	334
6/29/2021	90	172	262
6/30/2021	160	183	343
Totals	3,708	5,704	8,998

Month	Throughput Tons
Jul-20	7,471
Aug-20	8,388
Sep-20	4,513
Oct-20	6,848
Nov-20	7,833
Dec-20	7,440
Jan-21	6,570
Feb-21	6,122
Mar-21	7,159
Apr-21	7,053
May-21	6,323
Jun-21	8,998
Month Rolling Totals	84,718

Genral Production and Throughput

Jul-21	Kiln #3 (tons)	Kiln #4 (tons)	Totals
7/1/2021	48	207	255
7/2/2021	0	220	220
7/3/2021	8	224	232
7/4/2021	162	217	380
7/5/2021	158	223	381
7/6/2021	176	226	402
7/7/2021	92	222	314
7/8/2021	167	213	380
7/9/2021	169	206	375
7/10/2021	53	48	101
7/11/2021	0	0	0
7/12/2021	0	0	0
7/13/2021	0	0	0
7/14/2021	0	0	0
7/15/2021	0	0	0
7/16/2021	0	0	0
7/17/2021	151	177	328
7/18/2021	165	206	371
7/19/2021	169	211	379
7/20/2021	165	215	380
7/21/2021	167	221	389
7/22/2021	168	218	387
7/23/2021	183	60	243
7/24/2021	152	121	274
7/25/2021	145	222	366
7/26/2021	170	217	387
7/27/2021	170	217	315
7/28/2021	170	218	389
7/29/2021	170	222	392
7/30/2021	167	212	380
7/31/2021	165	217	382
Totals	3,345	4,743	8,402

Month	Throughput Tons
Aug-20	8,388
Sep-20	4,513
Oct-20	6,848
Nov-20	7,833
Dec-20	7,440
Jan-21	6,570
Feb-21	6,122
Mar-21	7,159
Apr-21	7,053
May-21	6,323
Jun-21	8,998
Jul-21	8,402
Month Rolling Totals	85,649

Genral Production and Throughput

Sep-21	Kiln #3 (tons)	Kiln #4 (tons)	Totals
9/1/2021	0	211	211
9/2/2021	0	212	212
9/3/2021	0	193	193
9/4/2021	0	225	225
9/5/2021	0	222	222
9/6/2021	0	225	225
9/7/2021	0	215	215
9/8/2021	105	220	220
9/9/2021	160	79	239
9/10/2021	157	211	368
9/11/2021	156	210	366
9/12/2021	159	209	368
9/13/2021	101	214	314
9/14/2021	0	56	56
9/15/2021	0	217	217
9/16/2021	0	217	217
9/17/2021	0	145	145
9/18/2021	84	135	219
9/19/2021	145	218	363
9/20/2021	149	252	367
9/21/2021	147	212	359
9/22/2021	153	225	378
9/23/2021	113	227	339
9/24/2021	164	231	395
9/25/2021	166	230	396
9/26/2021	138	240	378
9/27/2021	174	224	398
9/28/2021	173	225	398
9/29/2021	179	235	414
9/30/2021	175	231	406
Totals	2,798	6,166	8,823

Month	Throughput Tons
Oct-20	6,848
Nov-20	7,833
Dec-20	7,440
Jan-21	6,570
Feb-21	6,122
Mar-21	7,159
Apr-21	7,053
May-21	6,323
Jun-21	8,998
Jul-21	8,402
Aug-21	7,355
Sep-21	8,823
Month Rolling Totals	88,926

Genral Production and Throughput

Oct-21	Kiln #3 (tons)	Kiln #4 (tons)	Totals
10/1/2021	172	208	380
10/2/2021	9	231	240
10/3/2021	0	232	232
10/4/2021	0	231	231
10/5/2021	0	22	22
10/6/2021	0	153	153
10/7/2021	0	230	230
10/8/2021	0	125	125
10/9/2021	158	222	380
10/10/2021	168	140	307
10/11/2021	162	88	250
10/12/2021	164	102	266
10/13/2021	171	133	304
10/14/2021	170	222	392
10/15/2021	172	227	399
10/16/2021	166	227	393
10/17/2021	166	227	393
10/18/2021	91	222	314
10/19/2021	0	222	222
10/20/2021	0	218	218
10/21/2021	0	200	200
10/22/2021	0	107	107
10/23/2021	0	218	218
10/24/2021	0	220	220
10/25/2021	0	223	223
10/26/2021	0	184	184
10/27/2021	0	224	224
10/28/2021	0	233	233
10/29/2021	0	176	176
10/30/2021	0	230	230
10/31/2021	0	231	231
Totals	1,769	5,697	7,697

Month	Throughput Tons
Nov-20	7,833
Dec-20	7,440
Jan-21	6,570
Feb-21	6,122
Mar-21	7,159
Apr-21	7,053
May-21	6,323
Jun-21	8,998
Jul-21	8,402
Aug-21	7,355
Sep-21	8,823
Oct-21	7,697
Month Rolling Totals	89,775

Genral Production and Throughput

Nov-21	Kiln #3 (tons)	Kiln #4 (tons)	Totals
11/1/2021	0	224	224
11/2/2021	0	223	223
11/3/2021	0	222	222
11/4/2021	0	226	226
11/5/2021	0	217	217
11/6/2021	0	217	217
11/7/2021	0	218	218
11/8/2021	0	205	205
11/9/2021	0	211	211
11/10/2021	0	210	210
11/11/2021	0	204	204
11/12/2021	0	214	214
11/13/2021	0	225	225
11/14/2021	0	217	217
11/15/2021	0	205	205
11/16/2021	0	222	222
11/17/2021	0	209	209
11/18/2021	0	222	222
11/19/2021	122	222	344
11/20/2021	164	222	386
11/21/2021	163	222	385
11/22/2021	152	153	304
11/23/2021	109	219	328
11/24/2021	158	223	381
11/25/2021	162	225	388
11/26/2021	159	229	388
11/27/2021	85	157	243
11/28/2021	151	231	382
11/29/2021	150	231	380
11/30/2021	117	223	340
Totals	1,692	6,448	8,140

Month	Throughput Tons
Dec-20	7,440
Jan-21	6,570
Feb-21	6,122
Mar-21	7,159
Apr-21	7,053
May-21	6,323
Jun-21	8,998
Jul-21	8,402
Aug-21	7,355
Sep-21	8,823
Oct-21	7,697
Nov-21	8,140
Month Rolling Totals	90,082

Genral Production and Throughput

Dec-21	Kiln #3 (tons)	Kiln #4 (tons)	Totals
12/1/2021	154	173	327
12/2/2021	163	215	379
12/3/2021	160	209	639
12/4/2021	163	206	369
12/5/2021	163	205	368
12/6/2021	142	215	357
12/7/2021	152	214	367
12/8/2021	165	205	369
12/9/2021	162	209	371
12/10/2021	164	205	369
12/11/2021	161	210	371
12/12/2021	166	210	377
12/13/2021	156	209	365
12/14/2021	108	214	322
12/15/2021	164	154	318
12/16/2021	145	200	345
12/17/2021	66	128	195
12/18/2021	147	200	348
12/19/2021	159	204	364
12/20/2021	163	205	368
12/21/2021	140	176	315
12/22/2021	0	102	102
12/23/2021	0	215	215
12/24/2021	0	217	217
12/25/2021	0	234	234
12/26/2021	0	226	226
12/27/2021	0	258	258
12/28/2021	0	254	254
12/29/2021	0	246	246
12/30/2021	174	212	386
12/31/2021	148	260	408
Totals	3,337	6,130	10,149

Month	Throughput Tons
Jan-21	6,570
Feb-21	6,122
Mar-21	7,159
Apr-21	7,053
May-21	6,323
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
Month Rolling Totals	92,791

Genral Production and Throughput

Jan-22	Kiln #3 (tons)	Kiln #4 (tons)	Totals
1/1/2022	101	243	345
1/2/2022	119	243	362
1/3/2022	161	184	345
1/4/2022	0	230	230
1/5/2022	0	217	217
1/6/2022	0	224	224
1/7/2022	0	226	226
1/8/2022	0	234	234
1/9/2022	0	230	230
1/10/2022	0	104	104
1/11/2022	0	0	0
1/12/2022	0	209	209
1/13/2022	0	229	229
1/14/2022	0	237	237
1/15/2022	0	238	238
1/16/2022	0	225	225
1/17/2022	0	228	228
1/18/2022	0	224	224
1/19/2022	0	224	224
1/20/2022	0	226	226
1/21/2022	0	226	226
1/22/2022	0	227	227
1/23/2022	0	225	225
1/24/2022	0	181	181
1/25/2022	0	211	211
1/26/2022	0	229	229
1/27/2022	0	229	229
1/28/2022	0	228	228
1/29/2022	0	226	226
1/30/2022	0	225	225
1/31/2022	126	0	126
Totals	381	6,382	6,890

Month	Throughput Tons
Feb-21	6,122
Mar-21	7,159
Apr-21	7,053
May-21	6,323
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
Month Rolling Totals	93,111

Genral Production and Throughput

Feb-22	Kiln #3 (tons)	Kiln #4 (tons)	Totals
2/1/2022	171	0	171
2/2/2022	114	0	114
2/3/2022	126	0	126
2/4/2022	168	0	168
2/5/2022	58	198	256
2/6/2022	0	224	224
2/7/2022	0	219	219
2/8/2022	0	224	224
2/9/2022	145	224	369
2/10/2022	174	225	399
2/11/2022	183	237	421
2/12/2022	180	194	375
2/13/2022	147	237	339
2/14/2022	179	231	410
2/15/2022	184	169	353
2/16/2022	183	238	422
2/17/2022	102	223	325
2/18/2022	0	235	235
2/19/2022	0	238	238
2/20/2022	148	237	384
2/21/2022	180	235	416
2/22/2022	182	237	418
2/23/2022	181	237	418
2/24/2022	185	236	421
2/25/2022	139	241	380
2/26/2022	0	214	214
2/27/2022	0	238	238
2/28/2022	0	0	0
Totals	3,129	5,191	8,277

Month	Throughput Tons
Mar-21	7,159
Apr-21	7,053
May-21	6,323
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
Month Rolling Totals	95,266

Genral Production and Throughput

Mar-22	Kiln #3 (tons)	Kiln #4 (tons)	Totals
3/1/2022	0	240	240
3/2/2022	0	239	239
3/3/2022	0	221	221
3/4/2022	0	0	236
3/5/2022	111	251	362
3/6/2022	185	44	229
3/7/2022	129	66	195
3/8/2022	180	245	426
3/9/2022	175	241	416
3/10/2022	132	240	372
3/11/2022	110	166	275
3/12/2022	0	259	259
3/13/2022	0	241	241
3/14/2022	0	247	247
3/15/2022	0	241	241
3/16/2022	0	231	231
3/17/2022	0	246	246
3/18/2022	179	186	365
3/19/2022	180	236	416
3/20/2022	181	236	417
3/21/2022	183	236	419
3/22/2022	180	237	417
3/23/2022	187	236	423
3/24/2022	156	112	268
3/25/2022	183	247	430
3/26/2022	79	232	312
3/27/2022	23	195	218
3/28/2022	124	221	344
3/29/2022	98	192	290
3/30/2022	164	201	365
3/31/2022	149	104	253
Totals	2,939	6,185	9,613

Month	Throughput Tons
Apr-21	7,053
May-21	6,323
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
Month Rolling Totals	97,720

APPENDIX B

PO0036PC2 Condition #1

Natural Gas Consumption

Daily & Monthly Natural Gas Useage

Apr-21	Kiln #3 mcf	Kiln #4 mcf	Main Gas
4/1/2021	0	484	484
4/2/2021	0	871	871
4/3/2021	0	869	869
4/4/2021	0	841	841
4/5/2021	0	845	845
4/6/2021	0	843	843
4/7/2021	0	855	855
4/8/2021	0	832	832
4/9/2021	0	848	848
4/10/2021	0	820	820
4/11/2021	0	818	818
4/12/2021	0	866	866
4/13/2021	0	856	856
4/14/2021	0	862	862
4/15/2021	0	882	882
4/16/2021	0	865	865
4/17/2021	0	868	868
4/18/2021	0	863	863
4/19/2021	0	862	862
4/20/2021	0	859	859
4/21/2021	0	849	849
4/22/2021	0	874	874
4/23/2021	0	864	864
4/24/2021	0	877	877
4/25/2021	0	873	873
4/26/2021	0	872	872
4/27/2021	0	888	888
4/28/2021	0	884	884
4/29/2021	0	874	874
4/30/2021	0	887	887
	0	0	0
Totals	0	25,451	25,451

Month	Natural Gas Usage
May-20	24,997.0
Jun-20	24,229.0
Jul-20	25,690.0
Aug-20	34,804.0
Sep-20	17,307.0
Oct-20	24,636.0
Nov-20	32,322.0
Dec-20	28,071.0
Jan-21	23,647.0
Feb-21	24,786.0
Mar-21	24,355.0
Apr-21	25,451.0
Total Natural Gas Usage	310,295.0

Daily & Monthly Natural Gas Useage

May-21	Kiln #3 mcf	Kiln #4 mcf	Main Gas
5/1/2021	0	885	885
5/2/2021	0	854	854
5/3/2021	0	873	873
5/4/2021	0	471	471
5/5/2021	0	777	777
5/6/2021	0	368	368
5/7/2021	0	700	700
5/8/2021	0	845	845
5/9/2021	0	824	824
5/10/2021	0	821	821
5/11/2021	0	859	859
5/12/2021	0	790	790
5/13/2021	0	833	833
5/14/2021	0	836	836
5/15/2021	0	846	846
5/16/2021	0	835	835
5/17/2021	0	843	843
5/18/2021	0	836	836
5/19/2021	0	831	831
5/20/2021	0	814	814
5/21/2021	0	840	840
5/22/2021	0	802	802
5/23/2021	0	817	817
5/24/2021	0	805	805
5/25/2021	0	794	794
5/26/2021	0	788	788
5/27/2021	0	787	787
5/28/2021	0	819	819
5/29/2021	0	840	840
5/30/2021	0	820	820
5/31/2021	0	864	864
Totals	0	24,717	24,717

Month	Natural Gas Usage
Jun-20	24,229.0
Jul-20	25,690.0
Aug-20	34,804.0
Sep-20	17,307.0
Oct-20	24,636.0
Nov-20	32,322.0
Dec-20	28,071.0
Jan-21	23,647.0
Feb-21	24,786.0
Mar-21	24,355.0
Apr-21	25,451.0
May-21	24,717.0
Total Natural Gas Usage	310,015.0

Daily & Monthly Natural Gas Useage

Jun-21	Kiln #3 mcf	Kiln #4 mcf	Main Gas
6/1/2021	0	815	815
6/2/2021	0	446	446
6/3/2021	0	830	830
6/4/2021	0	807	807
6/5/2021	0	809	809
6/6/2021	0	836	836
6/7/2021	183	837	1020
6/8/2021	757	758	1515
6/9/2021	836	852	1688
6/10/2021	903	758	1661
6/11/2021	880	779	1659
6/12/2021	593	842	1435
6/13/2021	790	801	1591
6/14/2021	750	456	1206
6/15/2021	604	698	1302
6/16/2021	779	820	1599
6/17/2021	796	818	1614
6/18/2021	626	726	1352
6/19/2021	705	804	1509
6/20/2021	799	818	1617
6/21/2021	700	715	1415
6/22/2021	765	795	1560
6/23/2021	792	892	1684
6/24/2021	801	812	1613
6/25/2021	863	725	1588
6/26/2021	639	645	1284
6/27/2021	805	806	1611
6/28/2021	724	766	1490
6/29/2021	600	646	1246
6/30/2021	754	796	1550
Totals	17,444	22,908	40,352

Month	Natural Gas Usage
Jul-20	25,690.0
Aug-20	34,804.0
Sep-20	17,307.0
Oct-20	24,636.0
Nov-20	32,322.0
Dec-20	28,071.0
Jan-21	23,647.0
Feb-21	24,786.0
Mar-21	24,355.0
Apr-21	25,451.0
May-21	24,717.0
Jun-21	40,352.0
Total Natural Gas Usage	326,138.0

Daily & Monthly Natural Gas Useage

Aug-21	Kiln #3 mcf	Kiln #4 mcf	Main Gas
8/1/2021	809	907	1716
8/2/2021	790	882	1672
8/3/2021	829	0	829
8/4/2021	802	0	802
8/5/2021	798	0	798
8/6/2021	841	0	841
8/7/2021	725	571	1296
8/8/2021	774	840	1614
8/9/2021	725	839	1564
8/10/2021	0	875	875
8/11/2021	0	861	861
8/12/2021	0	846	846
8/13/2021	0	850	850
8/14/2021	0	862	862
8/15/2021	0	853	853
8/16/2021	0	856	856
8/17/2021	0	863	863
8/18/2021	0	882	882
8/19/2021	0	814	814
8/20/2021	0	899	899
8/21/2021	0	856	856
8/22/2021	0	869	869
8/23/2021	0	893	893
8/24/2021	0	867	867
8/25/2021	0	866	866
8/26/2021	0	875	875
8/27/2021	0	849	849
8/28/2021	0	445	445
8/29/2021	0	853	853
8/30/2021	0	840	840
8/31/2021	0	0	0
Totals	7,093	21,713	28,806

Month	Natural Gas Usage
Sep-20	17,307.0
Oct-20	24,636.0
Nov-20	32,322.0
Dec-20	28,071.0
Jan-21	23,647.0
Feb-21	24,786.0
Mar-21	24,355.0
Apr-21	25,451.0
May-21	24,717.0
Jun-21	40,352.0
Jul-21	38,532.0
Aug-21	28,806.0
Total Natural Gas Usage	332,982.0

Daily & Monthly Natural Gas Useage

Jul-21	Kiln #3 mcf	Kiln #4 mcf	Main Gas
7/1/2021	701	768	1469
7/2/2021	0	557	557
7/3/2021	439	560	999
7/4/2021	801	840	1641
7/5/2021	747	801	1548
7/6/2021	847	848	1695
7/7/2021	684	729	1413
7/8/2021	808	825	1633
7/9/2021	799	807	1606
7/10/2021	826	814	1640
7/11/2021	430	362	792
7/12/2021	0	0	0
7/13/2021	0	0	0
7/14/2021	0	0	0
7/15/2021	0	0	0
7/16/2021	0	0	0
7/17/2021	715	753	1468
7/18/2021	763	853	1616
7/19/2021	769	844	1613
7/20/2021	771	848	1619
7/21/2021	776	865	1641
7/22/2021	776	842	1618
7/23/2021	754	416	1170
7/24/2021	814	497	1311
7/25/2021	709	865	1574
7/26/2021	788	851	1639
7/27/2021	796	869	1665
7/28/2021	790	866	1656
7/29/2021	784	891	1675
7/30/2021	764	856	1620
7/31/2021	782	872	1654
Totals	18,633	19,899	38,532

Month	Natural Gas Usage
Aug-20	34,804.0
Sep-20	17,307.0
Oct-20	24,636.0
Nov-20	32,322.0
Dec-20	28,071.0
Jan-21	23,647.0
Feb-21	24,786.0
Mar-21	24,355.0
Apr-21	25,451.0
May-21	24,717.0
Jun-21	40,352.0
Jul-21	38,532.0
Total Natural Gas Usage	338,980.0

Daily & Monthly Natural Gas Useage

Sep-21	Kiln #3 mcf	Kiln #4 mcf	Main Gas
9/1/2021	0	838	838
9/2/2021	0	830	830
9/3/2021	0	772	772
9/4/2021	0	856	856
9/5/2021	0	862	862
9/6/2021	0	873	873
9/7/2021	4	860	864
9/8/2021	612	866	1478
9/9/2021	776	415	1191
9/10/2021	787	843	1630
9/11/2021	757	845	1602
9/12/2021	767	845	1612
9/13/2021	486	848	1334
9/14/2021	0	322	322
9/15/2021	0	862	862
9/16/2021	0	851	851
9/17/2021	0	571	571
9/18/2021	396	622	1018
9/19/2021	771	860	1631
9/20/2021	766	874	1640
9/21/2021	726	849	1575
9/22/2021	723	876	1599
9/23/2021	616	865	1481
9/24/2021	746	860	1606
9/25/2021	800	881	1681
9/26/2021	681	891	1572
9/27/2021	798	862	1660
9/28/2021	813	864	1677
9/29/2021	807	885	1692
9/30/2021	807	882	1689
Totals	13,639	24,230	37,869

Month	Natural Gas Usage
Oct-20	24,636.0
Nov-20	32,322.0
Dec-20	28,071.0
Jan-21	23,647.0
Feb-21	24,786.0
Mar-21	24,355.0
Apr-21	25,451.0
May-21	24,717.0
Jun-21	40,352.0
Jul-21	38,532.0
Aug-21	28,806.0
Sep-21	37,869.0
Total Natural Gas Usage	353,544.0

Daily & Monthly Natural Gas Useage

Oct-21	Kiln #3 mcf	Kiln #4 mcf	Main Gas
10/1/2021	774	859	1633
10/2/2021	33	868	901
10/3/2021	0	880	880
10/4/2021	0	885	885
10/5/2021	0	124	124
10/6/2021	0	651	651
10/7/2021	0	849	849
10/8/2021	99	512	611
10/9/2021	780	854	1634
10/10/2021	785	581	1366
10/11/2021	796	428	1224
10/12/2021	811	438	1249
10/13/2021	783	732	1515
10/14/2021	740	885	1625
10/15/2021	851	812	1663
10/16/2021	775	860	1635
10/17/2021	782	845	1627
10/18/2021	491	765	1256
10/19/2021	0	845	845
10/20/2021	0	838	838
10/21/2021	0	759	759
10/22/2021	0	532	532
10/23/2021	0	819	819
10/24/2021	0	835	835
10/25/2021	0	838	838
10/26/2021	0	714	714
10/27/2021	0	811	811
10/28/2021	0	826	826
10/29/2021	0	687	687
10/30/2021	0	827	827
10/31/2021	0	810	810
Totals	8,500	22,969	31,469

Month	Natural Gas Usage
Nov-20	32,322.0
Dec-20	28,071.0
Jan-21	23,647.0
Feb-21	24,786.0
Mar-21	24,355.0
Apr-21	25,451.0
May-21	24,717.0
Jun-21	40,352.0
Jul-21	38,532.0
Aug-21	28,806.0
Sep-21	37,869.0
Oct-21	31,469.0
Total Natural Gas Usage	360,377.0

Daily & Monthly Natural Gas Useage

Nov-21	Kiln #3 mcf	Kiln #4 mcf	Main Gas
11/1/2021	0	810	810
11/2/2021	0	805	805
11/3/2021	0	787	787
11/4/2021	0	825	825
11/5/2021	0	848	848
11/6/2021	0	826	826
11/7/2021	0	883	883
11/8/2021	0	824	824
11/9/2021	0	837	837
11/10/2021	0	819	819
11/11/2021	0	792	792
11/12/2021	0	828	828
11/13/2021	0	847	847
11/14/2021	0	838	838
11/15/2021	0	793	793
11/16/2021	0	809	809
11/17/2021	0	745	745
11/18/2021	77	817	894
11/19/2021	688	817	1505
11/20/2021	812	825	1637
11/21/2021	791	824	1615
11/22/2021	706	630	1336
11/23/2021	661	827	1488
11/24/2021	706	830	1536
11/25/2021	922	824	1746
11/26/2021	768	809	1577
11/27/2021	580	661	1241
11/28/2021	731	845	1576
11/29/2021	758	840	1598
11/30/2021	625	813	1438
Totals	8,825	24,278	33,103

Month	Natural Gas Usage
Dec-20	28,071.0
Jan-21	23,647.0
Feb-21	24,786.0
Mar-21	24,355.0
Apr-21	25,451.0
May-21	24,717.0
Jun-21	40,352.0
Jul-21	38,532.0
Aug-21	28,806.0
Sep-21	37,869.0
Oct-21	31,469.0
Nov-21	33,103.0
Total Natural Gas Usage	361,158.0

Daily & Monthly Natural Gas Useage

Dec-21	Kiln #3 mcf	Kiln #4 mcf	Main Gas
12/1/2021	753	682	1435
12/2/2021	772	801	1573
12/3/2021	759	780	1539
12/4/2021	759	767	1526
12/5/2021	770	785	1555
12/6/2021	685	810	1495
12/7/2021	726	814	1540
12/8/2021	801	789	1590
12/9/2021	830	785	1615
12/10/2021	842	787	1629
12/11/2021	768	779	1547
12/12/2021	825	768	1593
12/13/2021	804	755	1559
12/14/2021	619	757	1376
12/15/2021	776	610	1386
12/16/2021	726	766	1492
12/17/2021	403	527	930
12/18/2021	756	748	1504
12/19/2021	802	784	1586
12/20/2021	787	768	1555
12/21/2021	550	558	1108
12/22/2021	365	641	1006
12/23/2021	0	835	835
12/24/2021	0	824	824
12/25/2021	0	840	840
12/26/2021	0	820	820
12/27/2021	0	839	839
12/28/2021	0	839	839
12/29/2021	548	795	1343
12/30/2021	682	665	1347
12/31/2021	0	0	0
Totals	17,108	22,718	39,826

Month	Natural Gas Usage
Jan-21	23,647.0
Feb-21	24,786.0
Mar-21	24,355.0
Apr-21	25,451.0
May-21	24,717.0
Jun-21	40,352.0
Jul-21	38,532.0
Aug-21	28,806.0
Sep-21	37,869.0
Oct-21	31,469.0
Nov-21	33,103.0
Dec-21	39,826.0
Total Natural Gas Usage	372,913.0

Daily & Monthly Natural Gas Useage

01/1/20222	Kiln #3 mcf	Kiln #4 mcf	Main Gas
1/1/2022	683	673	1356
1/2/2022	645	802	1447
1/3/2022	752	649	1401
1/4/2022	0	887	887
1/5/2022	0	834	834
1/6/2022	0	858	858
1/7/2022	0	860	860
1/8/2022	0	834	834
1/9/2022	0	880	880
1/10/2022	0	584	584
1/11/2022	0	0	0
1/12/2022	0	700	700
1/13/2022	0	848	848
1/14/2022	0	879	879
1/15/2022	0	872	872
1/16/2022	0	855	855
1/17/2022	0	850	850
1/18/2022	0	837	837
1/19/2022	0	841	841
1/20/2022	0	880	880
1/21/2022	0	848	848
1/22/2022	0	849	849
1/23/2022	0	855	855
1/24/2022	0	711	711
1/25/2022	0	810	810
1/26/2022	0	816	816
1/27/2022	0	850	850
1/28/2022	0	855	855
1/29/2022	0	843	843
1/30/2022	0	842	842
1/31/2022	783	0	783
Totals	2,863	23,702	26,565

Month	Natural Gas Usage
Feb-21	24,786.0
Mar-21	24,355.0
Apr-21	25,451.0
May-21	24,717.0
Jun-21	40,352.0
Jul-21	38,532.0
Aug-21	28,806.0
Sep-21	37,869.0
Oct-21	31,469.0
Nov-21	33,103.0
Dec-21	39,826.0
Jan-22	26,565.0
Total Natural Gas Usage	375,831.0

Daily & Monthly Natural Gas Useage

02/1/20222	Kiln #3 mcf	Kiln #4 mcf	Main Gas
2/1/2022	773	0	773
2/2/2022	626	0	626
2/3/2022	626	0	626
2/4/2022	646	152	798
2/5/2022	288	754	1042
2/6/2022	0	844	844
2/7/2022	0	844	844
2/8/2022	117	831	948
2/9/2022	740	823	1563
2/10/2022	805	812	1617
2/11/2022	839	700	1539
2/12/2022	663	845	1508
2/13/2022	568	821	1389
2/14/2022	821	829	1650
2/15/2022	816	616	1432
2/16/2022	813	809	1622
2/17/2022	480	504	984
2/18/2022	0	776	776
2/19/2022	319	814	1133
2/20/2022	702	823	1525
2/21/2022	849	804	1653
2/22/2022	844	806	1650
2/23/2022	863	805	1668
2/24/2022	853	797	1650
2/25/2022	640	798	1438
2/26/2022	0	743	743
2/27/2022	0	809	809
2/28/2022	0	0	0
Totals	14,691	18,159	32,850

Month	Natural Gas Usage
Mar-21	24,355.0
Apr-21	25,451.0
May-21	24,717.0
Jun-21	40,352.0
Jul-21	38,532.0
Aug-21	28,806.0
Sep-21	37,869.0
Oct-21	31,469.0
Nov-21	33,103.0
Dec-21	39,826.0
Jan-22	26,565.0
Feb-22	32,850.0
Total Natural Gas Usage	383,895.0

Daily & Monthly Natural Gas Useage

03/1/20222	Kiln #3 mcf	Kiln #4 mcf	Main Gas
3/1/2022	0	802	802
3/2/2022	139	771	910
3/3/2022	117	755	872
3/4/2022	74	771	845
3/5/2022	543	794	1337
3/6/2022	811	152	963
3/7/2022	476	161	637
3/8/2022	979	956	1935
3/9/2022	815	796	1611
3/10/2022	641	771	1412
3/11/2022	117	590	707
3/12/2022	128	817	945
3/13/2022	24	765	789
3/14/2022	22	803	825
3/15/2022	22	613	635
3/16/2022	387	694	1081
3/17/2022	732	813	1545
3/18/2022	834	653	1487
3/19/2022	815	778	1593
3/20/2022	857	799	1656
3/21/2022	816	802	1618
3/22/2022	801	778	1579
3/23/2022	802	781	1583
3/24/2022	712	483	1195
3/25/2022	770	804	1574
3/26/2022	354	778	1132
3/27/2022	287	666	953
3/28/2022	635	738	1373
3/29/2022	534	659	1193
3/30/2022	710	695	1405
3/31/2022	699	418	1117
Totals	15,653	21,656	37,309

Month	Natural Gas Usage
Apr-21	25,451.0
May-21	24,717.0
Jun-21	40,352.0
Jul-21	38,532.0
Aug-21	28,806.0
Sep-21	37,869.0
Oct-21	31,469.0
Nov-21	33,103.0
Dec-21	39,826.0
Jan-22	26,565.0
Feb-22	32,850.0
Mar-22	37,309.0
Total Natural Gas Usage	396,849.0

APPENDIX C

PO00036PC5 Condition #5 and #6

Bio-diesel Supply and Delivery Data

Bio-Diesel used in Production / Red Dye Diesel used in Heavy Duty Mobile Equipment 2021/2022

Apr-21	Bio-Diesel used	Clay Tons Extruded	Gal / Per Ton	Hours run	Red Dye Diesel Used
1-Apr	93.6	208.0	0.4500	4.8	0.0
2-Apr	140.4	311.0	0.4514	7.2	199.1
3-Apr	152.1	337.0	0.4513	7.8	0.0
4-Apr	158.0	350.0	0.4513	8.1	96.0
5-Apr	150.2	333.0	0.4509	7.7	198.4
6-Apr	158.0	350.0	0.4513	8.1	0.0
7-Apr	152.1	337.0	0.4513	7.8	81.0
8-Apr	154.1	342.0	0.4504	7.9	95.0
9-Apr	146.3	324.0	0.4514	7.5	221.4
10-Apr	154.1	342.0	0.4504	7.9	0.0
11-Apr	120.9	268.0	0.4511	6.2	119.0
12-Apr	152.1	337.0	0.4513	7.8	101.0
13-Apr	136.5	303.0	0.4505	7.0	184.2
14-Apr	119.0	264.0	0.4506	6.1	84.3
15-Apr	122.9	273.0	0.4500	6.3	79.0
16-Apr	124.8	277.0	0.4505	6.4	146.0
17-Apr	70.2	156.0	0.4500	3.6	97.0
18-Apr	115.1	255.0	0.4512	5.9	17.7
19-Apr	152.1	337.0	0.4513	7.8	270.9
20-Apr	130.7	290.0	0.4505	6.7	314.0
21-Apr	115.1	255.0	0.4512	5.9	173.0
22-Apr	126.8	281.0	0.4511	6.5	185.3
23-Apr	113.1	251.0	0.4506	5.8	263.0
24-Apr	99.5	221.0	0.4500	5.1	236.6
25-Apr	126.8	281.0	0.4511	6.5	113.3
26-Apr	124.8	277.0	0.4505	6.4	296.8
27-Apr	126.8	281.0	0.4511	6.5	161.3
28-Apr	132.6	294.0	0.4510	6.8	0.0
29-Apr	128.7	286.0	0.4500	6.6	320.5
30-Apr	130.7	290.0	0.4505	6.7	271.0
Monthly Totals	3,927.3	8,711.0	0.4508	201.4	4,324.8

Month-Year	Bio-Diesel	Red Dye Diesel
May-20	4,760.0	5,421.1
Jun-20	4,332.9	4,476.3
Jul-20	4,325.1	5,886.3
Aug-20	5,826.6	4,717.4
Sep-20	3,042.0	4,352.8
Oct-20	3,042.0	4,352.8
Nov-20	5,846.1	3,392.0
Dec-20	5,177.3	4,284.4
Jan-21	4,256.9	2,545.9
Feb-21	4,106.7	2,912.8
Mar-21	4,214.0	3,017.0
Apr-21	3,927.3	4,324.8
12 Month Rolling Total	**52,856.9**	**49,683.6**

Bio-Diesel used in Production / Red Dye Diesel used in Heavy Duty Mobile Equipment 2021/2022

May-21	Bio-Diesel used	Clay Tons Extruded	Gal / Per Ton	Hours run	Red Dye Diesel Used
1-May	156.0	346.0	0.5	8.0	210.0
2-May	150.2	333.0	0.5	7.7	56.0
3-May	146.3	324.0	0.5	7.5	95.5
4-May	70.2	156.0	0.5	3.6	99.0
5-May	103.4	229.0	0.5	5.3	133.0
6-May	81.9	182.0	0.5	4.2	337.0
7-May	122.9	273.0	0.5	6.3	105.0
8-May	113.1	251.0	0.5	5.8	0.0
9-May	150.2	333.0	0.5	7.7	95.0
10-May	159.9	355.0	0.5	8.2	101.0
11-May	130.7	290.0	0.5	6.7	0.0
12-May	163.8	363.0	0.5	8.4	168.0
13-May	161.9	359.0	0.5	8.3	185.0
14-May	165.8	368.0	0.5	8.5	223.0
15-May	140.4	311.0	0.5	7.2	72.0
16-May	202.8	450.0	0.5	10.4	0.0
17-May	167.7	372.0	0.5	8.6	192.0
18-May	148.2	329.0	0.5	7.6	79.0
19-May	146.3	324.0	0.5	7.5	276.0
20-May	152.1	337.0	0.5	7.8	154.0
21-May	148.2	329.0	0.5	7.6	271.0
22-May	132.6	294.0	0.5	6.8	0.0
23-May	134.6	298.0	0.5	6.9	0.0
24-May	124.8	277.0	0.5	6.4	242.0
25-May	224.3	497.0	0.5	11.5	155.6
26-May	132.6	294.0	0.5	6.8	201.0
27-May	159.9	355.0	0.5	8.2	185.1
28-May	136.5	303.0	0.5	7.0	95.0
29-May	183.3	407.0	0.5	9.4	73.0
30-May	163.8	363.0	0.5	8.4	13.0
31-May	179.4	396.0	0.5	9.2	72.0
Monthly Totals	4,553.3	10,098.0	0.5	233.5	3,888.2

Month	Bio-Diesel	Red Dye Diesel
Jun-20	4,332.9	4,476.3
Jul-20	4,325.1	5,886.3
Aug-20	5,826.6	4,717.4
Sep-20	3,042.0	4,352.8
Oct-20	3,042.0	4,352.8
Nov-20	5,846.1	3,392.0
Dec-20	5,177.3	4,284.4
Jan-21	4,256.9	2,545.9
Feb-21	4,106.7	2,912.8
Mar-21	4,214.0	3,017.0
Apr-21	3,927.3	4,324.8
May-21	4,553.3	3,888.2
12 Month Rolling Total	52,650.2	48,150.7

Bio-Diesel used in Production / Red Dye Diesel used in Heavy Duty Mobile Equipment 2021/2022

Jun-21	Bio-Diesel used	Clay Tons Extruded	Gal / Per Ton	Hours run	Red Dye Diesel Used
06/01/21	97.5	261.0	0.3736	5.0	281.0
06/02/21	144.3	320.0	0.4509	7.4	203.0
06/03/21	152.1	337.0	0.4513	7.8	0.0
06/04/21	148.2	329.0	0.4505	7.6	84.0
06/05/21	146.3	324.0	0.4514	7.5	0.0
06/06/21	134.6	298.0	0.4515	6.9	101.0
06/07/21	148.2	329.0	0.4505	7.6	72.8
06/08/21	265.2	588.0	0.4510	13.6	188.0
06/09/21	306.2	679.0	0.4509	15.7	149.5
06/10/21	308.1	684.0	0.4504	15.8	170.5
06/11/21	243.8	541.0	0.4506	12.5	188.6
06/12/21	224.3	497.0	0.4512	11.5	0.0
06/13/21	306.2	679.0	0.4509	15.7	79.5
06/14/21	247.7	549.0	0.4511	12.7	245.0
06/15/21	154.1	342.0	0.4504	7.9	160.8
06/16/21	280.8	623.0	0.4507	14.4	216.0
06/17/21	454.4	1,008.0	0.4507	23.3	180.0
06/18/21	251.6	558.0	0.4508	12.9	75.0
06/19/21	241.8	536.0	0.4511	12.4	82.4
06/20/21	276.9	614.0	0.4510	14.2	94.0
06/21/21	278.9	619.0	0.4505	14.3	96.0
06/22/21	399.8	887.0	0.4507	20.5	169.0
06/23/21	370.5	822.0	0.4507	19.0	100.0
06/24/21	249.6	554.0	0.4505	12.8	219.0
06/25/21	288.6	640.0	0.4509	14.8	167.0
06/26/21	300.3	666.0	0.4509	15.4	162.1
06/27/21	136.5	303.0	0.4505	7.0	197.0
06/28/21	265.2	588.0	0.4510	13.6	87.0
06/29/21	236.0	523.0	0.4511	12.1	278.0
06/30/21	138.5	307.0	0.4510	7.1	161.0
Monthly Totals	7,195.5	16,005.0	0.4483	369.0	4,207.2

Month	Bio-Diesel	Red Dye Diesel
Jul-20	4,325.1	5,886.3
Aug-20	5,826.6	4,717.4
Sep-20	3,042.0	4,352.8
Oct-20	3,042.0	4,352.8
Nov-20	5,846.1	3,392.0
Dec-20	5,177.3	4,284.4
Jan-21	4,256.9	2,545.9
Feb-21	4,106.7	2,912.8
Mar-21	4,214.0	3,017.0
Apr-21	3,927.3	4,324.8
May-21	4,553.3	3,888.2
Jun-21	7,195.5	4,207.2
12 Month Rolling Total	**55,512.8**	**47,881.6**

Bio-Diesel used in Production / Red Dye Diesel used in Heavy Duty Mobile Equipment 2021/2022

Jul-21	Bio-Diesel used	Clay Tons Extruded	Gal / Per Ton	Hours run	Red Dye Diesel Used
1-Jul	206.7	459.0	0.4503	10.6	62.0
2-Jul	347.1	770.0	0.4508	17.8	97.0
3-Jul	204.8	454.0	0.4510	10.5	307.0
4-Jul	210.6	467.0	0.4510	10.8	81.0
5-Jul	239.9	532.0	0.4508	12.3	64.0
6-Jul	251.6	558.0	0.4508	12.9	107.7
7-Jul	253.5	562.0	0.4511	13.0	293.9
8-Jul	278.9	619.0	0.4505	14.3	90.0
9-Jul	386.1	857.0	0.4505	19.8	321.4
10-Jul	271.1	601.0	0.4510	13.9	0.0
11-Jul	21.5	48.0	0.4469	1.1	188.3
12-Jul	0.0	0.0	0.0000	0.0	166.5
13-Jul	0.0	0.0	0.0000	0.0	75.4
14-Jul	0.0	0.0	0.0000	0.0	96.7
15-Jul	15.6	35.0	0.4457	0.8	61.5
16-Jul	115.1	255.0	0.4512	5.9	133.8
17-Jul	140.4	311.0	0.4514	7.2	168.7
18-Jul	259.4	575.0	0.4510	13.3	94.0
19-Jul	216.5	480.0	0.4509	11.1	234.1
20-Jul	237.9	528.0	0.4506	12.2	59.0
21-Jul	267.2	593.0	0.4505	13.7	257.9
22-Jul	364.7	809.0	0.4507	18.7	120.2
23-Jul	142.4	316.0	0.4505	7.3	18.8
24-Jul	273.0	606.0	0.4505	14.0	240.0
25-Jul	236.0	523.0	0.4511	12.1	107.0
26-Jul	218.4	485.0	0.4503	11.2	65.0
27-Jul	280.8	623.0	0.4507	14.4	56.0
28-Jul	290.6	645.0	0.4505	14.9	159.2
29-Jul	263.3	584.0	0.4508	13.5	210.1
30-Jul	304.2	675.0	0.4507	15.6	250.4
31-Jul	312.0	692.0	0.4509	16.0	128.2
Monthly Totals	6,608.6	14,662.0	0.4507	338.9	4,314.8

Month	Bio-Diesel	Red Dye Diesel
Aug-19	5,826.6	4,717.4
Sep-19	5,826.6	4,717.4
Oct-19	3,042.0	4,352.8
Nov-19	3,042.0	4,352.8
Dec-19	5,846.1	3,392.0
Jan-20	5,177.3	4,284.4
Feb-20	4,256.9	2,545.9
Mar-20	4,106.7	2,912.8
Apr-20	4,214.0	3,017.0
May-20	3,927.3	4,324.8
Jun-20	4,553.3	3,888.2
Jul-20	7,195.5	4,207.2
12 Month Rolling Total	**57,014.3**	**46,712.7**

Bio-Diesel used in Production / Red Dye Diesel used in Heavy Duty Mobile Equipment 2021/2022

Aug-21	Bio-Diesel used	Clay Tons Extruded	Gal / Per Ton	Hours run	Red Dye Diesel Used
1-Aug	70.2	156	0.4508	3.60	0.00
2-Aug	327.6	727	0.4508	16.80	97.60
3-Aug	128.7	286	0.4508	6.60	196.50
4-Aug	128.7	286	0.4508	6.60	196.50
5-Aug	193.1	428	0.4508	9.90	96.20
6-Aug	144.3	320	0.4508	7.40	85.00
7-Aug	175.5	389	0.4508	9.00	100.40
8-Aug	273.0	606	0.4508	14.00	185.00
9-Aug	255.5	567	0.4508	13.10	308.00
10-Aug	208.7	463	0.4508	10.70	112.20
11-Aug	159.9	355	0.4508	8.20	178.20
12-Aug	58.5	130	0.4508	3.00	244.60
13-Aug	144.3	320	0.4508	7.40	200.70
14-Aug	144.3	320	0.4508	7.40	0.00
15-Aug	286.7	636	0.4508	14.70	83.60
16-Aug	126.8	281	0.4508	6.50	192.20
17-Aug	167.7	372	0.4508	8.60	128.00
18-Aug	154.1	342	0.4508	7.90	261.90
19-Aug	158.0	350	0.4508	8.10	188.00
20-Aug	156.0	346	0.4508	8.00	252.30
21-Aug	56.6	125	0.4508	2.90	79.00
22-Aug	234.0	519	0.4508	12.00	145.70
23-Aug	208.7	463	0.4508	10.70	176.50
24-Aug	148.2	329	0.4508	7.60	208.90
25-Aug	179.4	398	0.4508	9.20	199.20
26-Aug	130.7	290	0.4508	6.70	45.00
27-Aug	146.3	324	0.4508	7.50	212.60
28-Aug	0.0	0	0.0000	0.00	9.00
29-Aug	159.9	355	0.4508	8.20	282.80
30-Aug	136.5	303	0.4508	7.00	0.00
31-Aug	173.6	385	0.4508	8.90	0.00
Totals	5,034.90	11,169.73	0.4508	258.20	4,465.60

Month	Bio-Diesel	Red Dye Diesel
Sep-20	5,826.6	4,717.4
Oct-20	3,042.0	4,352.8
Nov-20	3,042.0	4,352.8
Dec-20	5,846.1	3,392.0
Jan-21	5,177.3	4,284.4
Feb-21	4,256.9	2,545.9
Mar-21	4,106.7	2,912.8
Apr-21	4,214.0	3,017.0
May-21	3,927.3	4,324.8
Jun-21	4,553.3	3,888.2
Jul-21	7,195.5	4,207.2
Aug-21	5,034.9	4,465.6
12 Month Rolling Total	56,222.6	46,460.9

Bio-Diesel used in Production / Red Dye Diesel used in Heavy Duty Mobile Equipment 2021/2022

Sep-21	Bio-Diesel used	Clay Tons Extruded	Gal / Per Ton	Hours run	Red Dye Diesel Used
1-Sep	152.1	337	0.4513	7.8	108.10
2-Sep	140.4	311	0.4514	7.2	66.00
3-Sep	136.5	303	0.4505	7.0	230.90
4-Sep	152.1	337	0.4513	7.8	153.30
5-Sep	140.4	311	0.4514	7.2	150.50
6-Sep	58.5	130	0.4500	3.0	132.60
7-Sep	261.3	580	0.4505	13.4	113.00
8-Sep	224.3	497	0.4512	11.5	61.20
9-Sep	263.3	584	0.4508	13.5	218.30
10-Sep	222.3	493	0.4509	11.4	0.00
11-Sep	300.3	666	0.4509	15.4	0.00
12-Sep	267.2	593	0.4505	13.7	0.00
13-Sep	120.9	268	0.4511	6.2	226.60
14-Sep	78.0	173	0.4509	4.0	91.70
15-Sep	241.8	536	0.4511	12.4	104.00
16-Sep	136.5	303	0.4505	7.0	251.00
17-Sep	50.7	112	0.4527	2.6	175.50
18-Sep	48.8	108	0.4514	2.5	117.80
19-Sep	251.6	558	0.4508	12.9	100.50
20-Sep	175.5	389	0.4512	9.0	170.10
21-Sep	247.7	549	0.4511	12.7	254.20
22-Sep	247.7	549	0.4511	12.7	19.70
23-Sep	370.5	822	0.4507	19.0	298.60
24-Sep	202.8	450	0.4507	10.4	0.00
25-Sep	271.1	601	0.4510	13.9	104.00
26-Sep	261.3	580	0.4505	13.4	0.90
27-Sep	310.1	688	0.4507	15.9	0.90
28-Sep	245.7	545	0.4508	12.6	0.90
29-Sep	222.3	493	0.4509	11.4	1.35
30-Sep	276.9	614	0.4510	14.2	0.90
Totals	6,078.2	13,480	0.4509	311.7	3,152.6

Month	Bio-Diesel	Red Dye Diesel
Oct-20	3,042.0	4,352.8
Nov-20	3,042.0	4,352.8
Dec-20	5,846.1	3,392.0
Jan-21	5,177.3	4,284.4
Feb-21	4,256.9	2,545.9
Mar-21	4,106.7	2,912.8
Apr-21	4,214.0	3,017.0
May-21	3,927.3	4,324.8
Jun-21	4,553.3	3,888.2
Jul-21	7,195.5	4,207.2
Aug-21	5,034.9	4,465.6
Sep-21	6,078.2	3,152.6
12 Month Rolling Total	56,474.2	44,896.1

Bio-Diesel used in Production / Red Dye Diesel used in Heavy Duty Mobile Equipment 2021/2022

Oct-21	Bio-Diesel used	Clay Tons Extruded	Gal / Per Ton	Hours run	Red Dye Diesel Used
1-Oct	224.3	497	0.4512	11.5	416.4
2-Oct	150.2	333	0.4509	7.7	11.9
3-Oct	152.1	337	0.4513	7.8	256.0
4-Oct	91.7	203	0.4515	4.7	191.7
5-Oct	19.5	43	0.4535	1.0	270.8
6-Oct	169.7	376	0.4512	8.7	30.6
7-Oct	226.2	502	0.4506	11.6	382.7
8-Oct	119.0	264	0.4506	6.1	15.0
9-Oct	284.7	632	0.4505	14.6	82.7
10-Oct	273.0	606	0.4505	14.0	109.0
11-Oct	126.8	281	0.4511	6.5	92.0
12-Oct	0.0	0	0.0000	0.0	78.0
13-Oct	0.0	0	0.0000	0.0	79.5
14-Oct	169.7	376	0.4512	8.7	125.8
15-Oct	392.0	870	0.4505	20.1	107.9
16-Oct	255.5	567	0.4505	13.1	211.2
17-Oct	212.6	472	0.4503	10.9	12.2
18-Oct	132.6	294	0.4510	6.8	151.0
19-Oct	177.5	394	0.4504	9.1	119.0
20-Oct	148.2	329	0.4505	7.6	269.0
21-Oct	91.7	203	0.4515	4.7	220.4
22-Oct	117.0	260	0.4500	6.0	70.0
23-Oct	154.1	342	0.4504	7.9	140.4
24-Oct	152.1	337	0.4513	7.8	0.0
25-Oct	64.4	143	0.4500	3.3	181.1
26-Oct	158.0	350	0.4513	8.1	462.2
27-Oct	144.3	320	0.4509	7.4	0.0
28-Oct	152.1	337	0.4513	7.8	1.4
29-Oct	109.2	242	0.4512	5.6	92.0
30-Oct	154.1	342	0.4504	7.9	136.0
31-Oct	152.1	337	0.4513	7.8	96.0
Totals	4,773.6	10,589.0	0.4218	244.8	4,411.9

Month	Bio-Diesel	Red Dye Diesel
Nov-20	3,042.0	4,352.8
Dec-20	5,846.1	3,392.0
Jan-21	5,177.3	4,284.4
Feb-21	4,256.9	2,545.9
Mar-21	4,106.7	2,912.8
Apr-21	4,214.0	3,017.0
May-21	3,927.3	4,324.8
Jun-21	4,553.3	3,888.2
Jul-21	7,195.5	4,207.2
Aug-21	5,034.9	4,465.6
Sep-21	6,078.2	3,152.6
Oct-21	4,773.6	4,411.9
12 Month Rolling Total	58,205.8	44,955.2

Bio-Diesel used in Production / Red Dye Diesel used in Heavy Duty Mobile Equipment 2021/2022

Nov-21	Bio-Diesel used	Clay Tons Extruded	Gal / Per Ton	Hours run	Red Dye Diesel Used
1-Nov	146.3	324	0.4514	7.5	109.6
2-Nov	144.3	320	0.4509	7.4	71.0
3-Nov	183.3	407	0.4504	9.4	218.4
4-Nov	146.3	324	0.4514	7.5	0.0
5-Nov	189.2	420	0.4504	9.7	261.8
6-Nov	150.2	333	0.4509	7.7	98.0
7-Nov	169.7	376	0.4512	8.7	165.0
8-Nov	222.3	493	0.4509	11.4	137.6
9-Nov	175.5	389	0.4512	9.0	0.0
10-Nov	119.0	264	0.4506	6.1	117.1
11-Nov	198.9	441	0.4510	10.2	149.0
12-Nov	159.9	355	0.4504	8.2	0.0
13-Nov	156.0	346	0.4509	8.0	336.7
14-Nov	158.0	350	0.4513	8.1	83.7
15-Nov	232.1	515	0.4506	11.9	301.8
16-Nov	275.0	610	0.4507	14.1	75.0
17-Nov	146.3	324	0.4514	7.5	161.6
18-Nov	177.5	394	0.4504	9.1	241.4
19-Nov	183.3	407	0.4504	9.4	112.6
20-Nov	345.2	766	0.4506	17.7	146.6
21-Nov	224.3	497	0.4512	11.5	0.0
22-Nov	310.1	688	0.4507	15.9	131.4
23-Nov	288.6	640	0.4509	14.8	65.5
24-Nov	269.1	597	0.4508	13.8	217.7
25-Nov	284.7	632	0.4505	14.6	63.5
26-Nov	263.3	584	0.4508	13.5	87.0
27-Nov	173.6	385	0.4508	8.9	98.0
28-Nov	263.3	584	0.4508	13.5	103.5
29-Nov	273.0	606	0.4505	14.0	155.5
30-Nov	228.2	506	0.4509	11.7	219.5
Totals	6,255.6	13,877.0	0.4508	320.8	3,928.5

Month	Bio-Diesel	Red Dye Diesel
Dec-20	5,846.1	3,392.0
Jan-21	5,177.3	4,284.4
Feb-21	4,256.9	2,545.9
Mar-21	4,106.7	2,912.8
Apr-21	4,214.0	3,017.0
May-21	3,927.3	4,324.8
Jun-21	4,553.3	3,888.2
Jul-21	7,195.5	4,207.2
Aug-21	5,034.9	4,465.6
Sep-21	6,078.2	3,152.6
Oct-21	4,773.6	4,411.9
Nov-21	6,355.6	3,928.5
12 Month Rolling Total	61,519.4	44,530.9

Bio-Diesel used in Production / Red Dye Diesel used in Heavy Duty Mobile Equipment 2021/2022

Dec-21	Bio-Diesel used	Clay Tons Extruded	Gal / Per Ton	Hours run	Red Dye Diesel Used
1-Dec	226.2	502	0.4506	11.6	68.2
2-Dec	306.2	679	0.4509	15.7	214.1
3-Dec	275.0	610	0.4507	14.1	62.5
4-Dec	280.8	623	0.4507	14.4	211.6
5-Dec	294.5	653	0.4509	15.1	187.5
6-Dec	232.1	515	0.4506	11.9	141.2
7-Dec	234.0	519	0.4509	12.0	257.0
8-Dec	341.3	757	0.4508	17.5	500.0
9-Dec	298.4	662	0.4507	15.3	1.4
10-Dec	224.3	497	0.4512	11.5	0.9
11-Dec	288.6	640	0.4509	14.8	94.0
12-Dec	259.4	575	0.4510	13.3	1.4
13-Dec	222.3	493	0.4509	11.4	337.0
14-Dec	171.6	381	0.4504	8.8	0.0
15-Dec	228.2	506	0.4509	11.7	96.0
16-Dec	241.8	536	0.4511	12.4	67.0
17-Dec	195.0	433	0.4503	10.0	0.0
18-Dec	251.6	558	0.4508	12.9	171.0
19-Dec	312.0	692	0.4509	16.0	97.0
20-Dec	265.2	588	0.4510	13.6	1.4
21-Dec	142.4	316	0.4505	7.3	66.0
22-Dec	189.2	420	0.4504	9.7	0.0
23-Dec	230.1	510	0.4512	11.8	70.0
24-Dec	181.4	402	0.4511	9.3	0.0
25-Dec	167.7	372	0.4508	8.6	84.6
26-Dec	76.1	169	0.4500	3.9	0.0
27-Dec	171.6	381	0.4504	8.8	0.0
28-Dec	181.4	402	0.4511	9.3	0.9
29-Dec	237.9	528	0.4506	12.2	85.0
30-Dec	275.0	610	0.4507	14.1	85.0
31-Dec	296.4	658	0.4505	15.2	0.0
Monthly Totals	7,296.9	16,187.0	0.4508	374.2	2,900.6

Month	Bio-Diesel	Red Dye Diesel
Jan-21	5,177.3	4,284.4
Feb-21	4,256.9	2,545.9
Mar-21	4,106.7	2,912.8
Apr-21	4,214.0	3,017.0
May-21	3,927.3	4,324.8
Jun-21	4,553.3	3,888.2
Jul-21	7,195.5	4,207.2
Aug-21	5,034.9	4,465.6
Sep-21	6,078.2	3,152.6
Oct-21	4,773.6	4,411.9
Nov-21	6,355.6	3,928.5
Dec-21	7,296.9	2,900.6
12 Month Rolling Total	62,970.2	44,039.5

Bio-Diesel used in Production / Red Dye Diesel used in Heavy Duty Mobile Equipment 2021/2022

Jan-22	Bio-Diesel used	Clay Tons Extruded	Gal / Per Ton	Hours run	Red Dye Diesel Used
1-Jan	243.8	541	0.4506	12.5	156.0
2-Jan	267.2	593	0.4505	13.7	78.4
3-Jan	294.5	653	0.4509	15.1	176.7
4-Jan	191.1	424	0.4507	9.8	73.0
5-Jan	148.2	329	0.4505	7.6	63.0
6-Jan	200.9	446	0.4503	10.3	65.0
7-Jan	197.0	437	0.4507	10.1	160.2
8-Jan	159.9	355	0.4504	8.2	0.0
9-Jan	177.5	394	0.4504	9.1	92.3
10-Jan	70.2	156	0.4500	3.6	104.0
11-Jan	0.0	0	0.0000	0	152.0
12-Jan	134.6	298	0.4515	6.9	85.0
13-Jan	169.7	376	0.4512	8.7	204.0
14-Jan	165.8	368	0.4504	8.5	63.0
15-Jan	191.1	424	0.4507	9.8	70.0
16-Jan	161.9	359	0.4508	8.3	169.0
17-Jan	158.0	350	0.4513	8.1	129.0
18-Jan	161.9	359	0.4508	8.3	0.5
19-Jan	142.4	316	0.4505	7.3	56.0
20-Jan	173.6	385	0.4508	8.9	60.0
21-Jan	138.5	307	0.4510	7.1	43.0
22-Jan	179.4	398	0.4508	9.2	61.0
23-Jan	158.0	350	0.4513	8.1	90.0
24-Jan	124.8	277	0.4505	6.4	13.0
25-Jan	146.3	324	0.4514	7.5	188.0
26-Jan	152.1	337	0.4513	7.8	74.0
27-Jan	163.8	363	0.4512	8.4	204.3
28-Jan	158.0	350	0.4513	8.1	63.4
29-Jan	195.0	433	0.4503	10	49.0
30-Jan	80.0	177	0.4517	4.1	78.0
31-Jan	93.6	208	0.4500	4.8	126.0
Monthly Totals	4,997.9	11,087.0	0.4508	256.3	2,946.8

Month	Bio-Diesel	Red Dye Diesel
Feb-21	4,256.9	2,545.9
Mar-21	4,106.7	2,912.8
Apr-21	4,214.0	3,017.0
May-21	3,927.3	4,324.8
Jun-21	4,553.3	3,888.2
Jul-21	7,195.5	4,207.2
Aug-21	5,034.9	4,465.6
Sep-21	6,078.2	3,152.6
Oct-21	4,773.6	4,411.9
Nov-21	6,355.6	3,928.5
Dec-21	7,296.9	2,900.6
Jan-22	4,997.9	2,946.8
12 Month Rolling Total	62,790.8	42,701.9

Bio-Diesel used in Production / Red Dye Diesel used in Heavy Duty Mobile Equipment 2021/2022

Feb-22	Bio-Diesel used	Clay Tons Extruded	Gal / Per Ton	Hours run	Red Dye Diesel Used
1-Feb	140.4	311	0.4514	7.2	119.0
2-Feb	89.7	199	0.4508	4.6	203.0
3-Feb	50.7	112	0.4527	2.6	396.1
4-Feb	152.1	337	0.4513	7.8	206.0
5-Feb	179.4	398	0.4508	9.2	184.0
6-Feb	183.3	407	0.4504	9.4	99.0
7-Feb	185.3	411	0.4507	9.5	158.0
8-Feb	220.4	489	0.4506	11.3	57.0
9-Feb	296.4	658	0.4505	15.2	952.0
10-Feb	294.5	653	0.4509	15.1	247.7
11-Feb	253.5	562	0.4511	13.0	91.9
12-Feb	193.1	428	0.4511	9.9	199.0
13-Feb	243.8	541	0.4506	12.5	125.0
14-Feb	347.1	770	0.4508	17.8	234.0
15-Feb	245.7	545	0.4508	12.6	90.0
16-Feb	243.8	541	0.4506	12.5	72.0
17-Feb	198.9	441	0.4510	10.2	0.0
18-Feb	195.0	433	0.4503	10.0	243.0
19-Feb	173.6	385	0.4508	8.9	0.0
20-Feb	288.6	640	0.4509	14.8	90.0
21-Feb	339.3	753	0.4506	17.4	147.0
22-Feb	290.6	645	0.4505	14.9	152.0
23-Feb	271.1	601	0.4510	13.9	1.4
24-Feb	220.4	489	0.4506	11.3	23.0
25-Feb	257.4	571	0.4508	13.2	163.0
26-Feb	195.0	433	0.4503	10.0	204.0
27-Feb	191.1	424	0.4507	9.8	96.0
28-Feb	144.3	320	0.4509	7.4	0.0
Monthly Totals	6,084.0	13,497.0	0.4508	312.0	4,553.1

Month	Bio-Diesel	Red Dye Diesel
Mar-21	4,106.7	2,912.8
Apr-21	4,214.0	3,017.0
May-21	3,927.3	4,324.8
Jun-21	4,553.3	3,888.2
Jul-21	7,195.5	4,207.2
Aug-21	5,034.9	4,465.6
Sep-21	6,078.2	3,152.6
Oct-21	4,773.6	4,411.9
Nov-21	6,355.6	3,928.5
Dec-21	7,296.9	2,900.6
Jan-22	4,997.9	2,946.8
Feb-22	6,084.0	4,553.1
12 Month Rolling Total	**64,617.9**	**44,709.1**

Bio-Diesel used in Production / Red Dye Diesel used in Heavy Duty Mobile Equipment 2021/2022

Mar-22	Bio-Diesel used	Clay Tons Extruded	Gal / Per Ton	Hours run	Red Dye Diesel Used
1-Mar	222.3	493	0.4509	11.4	349.0
2-Mar	156.0	346	0.4509	8.0	68.0
3-Mar	202.8	450	0.4507	10.4	224.0
4-Mar	171.6	381	0.4504	8.8	62.0
5-Mar	243.8	541	0.4506	12.5	69.0
6-Mar	210.6	467	0.4510	10.8	285.8
7-Mar	99.5	221	0.4500	5.1	0.0
8-Mar	265.2	588	0.4510	13.6	97.1
9-Mar	286.7	636	0.4507	14.7	157.8
10-Mar	228.2	506	0.4509	11.7	78.0
11-Mar	204.8	454	0.4510	10.5	191.3
12-Mar	197.0	437	0.4507	10.1	301.2
13-Mar	154.1	342	0.4504	7.9	77.0
14-Mar	130.7	290	0.4505	6.7	101.0
15-Mar	175.5	389	0.4512	9.0	95.0
16-Mar	200.9	446	0.4503	10.3	99.0
17-Mar	276.9	614	0.4510	14.2	124.0
18-Mar	249.6	554	0.4505	12.8	86.0
19-Mar	278.9	619	0.4505	14.3	177.0
20-Mar	249.6	554	0.4505	12.8	83.0
21-Mar	269.1	597	0.4508	13.8	113.0
22-Mar	259.4	575	0.4510	13.3	280.8
23-Mar	269.1	597	0.4508	13.8	72.0
24-Mar	204.8	454	0.4510	10.5	91.0
25-Mar	263.3	584	0.4508	13.5	0.0
26-Mar	171.6	381	0.4504	8.8	197.3
27-Mar	251.6	558	0.4508	12.9	193.4
28-Mar	97.5	216	0.4514	5.0	31.6
29-Mar	216.5	480	0.4509	11.1	236.5
30-Mar	290.6	645	0.4505	14.9	0.0
31-Mar	105.3	234	0.4500	5.4	54.0
Monthly Totals	6,224.4	14,649.0	0.4249	338.6	3,994.8

Month	Bio-Diesel	Red Dye Diesel
Apr-21	4,214.0	3,017.0
May-21	3,927.3	4,324.8
Jun-21	4,553.3	3,888.2
Jul-21	7,195.5	4,207.2
Aug-21	5,034.9	4,465.6
Sep-21	6,078.2	3,152.6
Oct-21	4,773.6	4,411.9
Nov-21	6,355.6	3,928.5
Dec-21	7,296.9	2,900.6
Jan-22	4,997.9	2,946.8
Feb-22	6,084.0	4,553.1
Mar-22	6,224.4	3,994.8
12 Month Rolling	**66,735.6**	**45,791.1**

Bio-Diesel used in Production / Red Dye Diesel used in Heavy Duty Mobile Equipment 2021/2022

Apr-21	Bio-Diesel used	Clay Tons Extruded	Gal / Per Ton	Hours run	Red Dye Diesel Used
1-Apr	93.6	208.0	0.4500	4.8	0.0
2-Apr	140.4	311.0	0.4514	7.2	199.1
3-Apr	152.1	337.0	0.4513	7.8	0.0
4-Apr	158.0	350.0	0.4513	8.1	96.0
5-Apr	150.2	333.0	0.4509	7.7	198.4
6-Apr	158.0	350.0	0.4513	8.1	0.0
7-Apr	152.1	337.0	0.4513	7.8	81.0
8-Apr	154.1	342.0	0.4504	7.9	95.0
9-Apr	146.3	324.0	0.4514	7.5	221.4
10-Apr	154.1	342.0	0.4504	7.9	0.0
11-Apr	120.9	268.0	0.4511	6.2	119.0
12-Apr	152.1	337.0	0.4513	7.8	101.0
13-Apr	136.5	303.0	0.4505	7.0	184.2
14-Apr	119.0	264.0	0.4506	6.1	84.3
15-Apr	122.9	273.0	0.4500	6.3	79.0
16-Apr	124.8	277.0	0.4505	6.4	146.0
17-Apr	70.2	156.0	0.4500	3.6	97.0
18-Apr	115.1	255.0	0.4512	5.9	17.7
19-Apr	152.1	337.0	0.4513	7.8	270.9
20-Apr	130.7	290.0	0.4505	6.7	314.0
21-Apr	115.1	255.0	0.4512	5.9	173.0
22-Apr	126.8	281.0	0.4511	6.5	185.3
23-Apr	113.1	251.0	0.4506	5.8	263.0
24-Apr	99.5	221.0	0.4500	5.1	236.6
25-Apr	126.8	281.0	0.4511	6.5	113.3
26-Apr	124.8	277.0	0.4505	6.4	296.8
27-Apr	126.8	281.0	0.4511	6.5	161.3
28-Apr	132.6	294.0	0.4510	6.8	0.0
29-Apr	128.7	286.0	0.4500	6.6	320.5
30-Apr	130.7	290.0	0.4505	6.7	271.0
Monthly Totals	3,927.3	8,711.0	0.4508	201.4	4,324.8

Month-Year	Bio-Diesel	Red Dye Diesel
May-20	4,760.0	5,421.1
Jun-20	4,332.9	4,476.3
Jul-20	4,325.1	5,886.3
Aug-20	5,826.6	4,717.4
Sep-20	3,042.0	4,352.8
Oct-20	3,042.0	4,352.8
Nov-20	5,846.1	3,392.0
Dec-20	5,177.3	4,284.4
Jan-21	4,256.9	2,545.9
Feb-21	4,106.7	2,912.8
Mar-21	4,214.0	3,017.0
Apr-21	3,927.3	4,324.8
12 Month Rolling Total	52,856.9	49,683.6

Bio-Diesel used in Production / Red Dye Diesel used in Heavy Duty Mobile Equipment 2021/2022

May-21	Bio-Diesel used	Clay Tons Extruded	Gal / Per Ton	Hours run	Red Dye Diesel Used
1-May	156.0	346.0	0.5	8.0	210.0
2-May	150.2	333.0	0.5	7.7	56.0
3-May	146.3	324.0	0.5	7.5	95.5
4-May	70.2	156.0	0.5	3.6	99.0
5-May	103.4	229.0	0.5	5.3	133.0
6-May	81.9	182.0	0.5	4.2	337.0
7-May	122.9	273.0	0.5	6.3	105.0
8-May	113.1	251.0	0.5	5.8	0.0
9-May	150.2	333.0	0.5	7.7	95.0
10-May	159.9	355.0	0.5	8.2	101.0
11-May	130.7	290.0	0.5	6.7	0.0
12-May	163.8	363.0	0.5	8.4	168.0
13-May	161.9	359.0	0.5	8.3	185.0
14-May	165.8	368.0	0.5	8.5	223.0
15-May	140.4	311.0	0.5	7.2	72.0
16-May	202.8	450.0	0.5	10.4	0.0
17-May	167.7	372.0	0.5	8.6	192.0
18-May	148.2	329.0	0.5	7.6	79.0
19-May	146.3	324.0	0.5	7.5	276.0
20-May	152.1	337.0	0.5	7.8	154.0
21-May	148.2	329.0	0.5	7.6	271.0
22-May	132.6	294.0	0.5	6.8	0.0
23-May	134.6	298.0	0.5	6.9	0.0
24-May	124.8	277.0	0.5	6.4	242.0
25-May	224.3	497.0	0.5	11.5	155.6
26-May	132.6	294.0	0.5	6.8	201.0
27-May	159.9	355.0	0.5	8.2	185.1
28-May	136.5	303.0	0.5	7.0	95.0
29-May	183.3	407.0	0.5	9.4	73.0
30-May	163.8	363.0	0.5	8.4	13.0
31-May	179.4	396.0	0.5	9.2	72.0
Monthly Totals	4,553.3	10,098.0	0.5	233.5	3,888.2

Month	Bio-Diesel	Red Dye Diesel
Jun-20	4,332.9	4,476.3
Jul-20	4,325.1	5,886.3
Aug-20	5,826.6	4,717.4
Sep-20	3,042.0	4,352.8
Oct-20	3,042.0	4,352.8
Nov-20	5,846.1	3,392.0
Dec-20	5,177.3	4,284.4
Jan-21	4,256.9	2,545.9
Feb-21	4,106.7	2,912.8
Mar-21	4,214.0	3,017.0
Apr-21	3,927.3	4,324.8
May-21	4,553.3	3,888.2
12 Month Rolling Total	52,650.2	48,150.7

Bio-Diesel used in Production / Red Dye Diesel used in Heavy Duty Mobile Equipment 2021/2022

Jun-21	Bio-Diesel used	Clay Tons Extruded	Gal / Per Ton	Hours run	Red Dye Diesel Used
06/01/21	97.5	261.0	0.3736	5.0	281.0
06/02/21	144.3	320.0	0.4509	7.4	203.0
06/03/21	152.1	337.0	0.4513	7.8	0.0
06/04/21	148.2	329.0	0.4505	7.6	84.0
06/05/21	146.3	324.0	0.4514	7.5	0.0
06/06/21	134.6	298.0	0.4515	6.9	101.0
06/07/21	148.2	329.0	0.4505	7.6	72.8
06/08/21	265.2	588.0	0.4510	13.6	188.0
06/09/21	306.2	679.0	0.4509	15.7	149.5
06/10/21	308.1	684.0	0.4504	15.8	170.5
06/11/21	243.8	541.0	0.4506	12.5	188.6
06/12/21	224.3	497.0	0.4512	11.5	0.0
06/13/21	306.2	679.0	0.4509	15.7	79.5
06/14/21	247.7	549.0	0.4511	12.7	245.0
06/15/21	154.1	342.0	0.4504	7.9	160.8
06/16/21	280.8	623.0	0.4507	14.4	216.0
06/17/21	454.4	1,008.0	0.4507	23.3	180.0
06/18/21	251.6	558.0	0.4508	12.9	75.0
06/19/21	241.8	536.0	0.4511	12.4	82.4
06/20/21	276.9	614.0	0.4510	14.2	94.0
06/21/21	278.9	619.0	0.4505	14.3	96.0
06/22/21	399.8	887.0	0.4507	20.5	169.0
06/23/21	370.5	822.0	0.4507	19.0	100.0
06/24/21	249.6	554.0	0.4505	12.8	219.0
06/25/21	288.6	640.0	0.4509	14.8	167.0
06/26/21	300.3	666.0	0.4509	15.4	162.1
06/27/21	136.5	303.0	0.4505	7.0	197.0
06/28/21	265.2	588.0	0.4510	13.6	87.0
06/29/21	236.0	523.0	0.4511	12.1	278.0
06/30/21	138.5	307.0	0.4510	7.1	161.0
Monthly Totals	7,195.5	16,005.0	0.4483	369.0	4,207.2

Month	Bio-Diesel	Red Dye Diesel
Jul-20	4,325.1	5,886.3
Aug-20	5,826.6	4,717.4
Sep-20	3,042.0	4,352.8
Oct-20	3,042.0	4,352.8
Nov-20	5,846.1	3,392.0
Dec-20	5,177.3	4,284.4
Jan-21	4,256.9	2,545.9
Feb-21	4,106.7	2,912.8
Mar-21	4,214.0	3,017.0
Apr-21	3,927.3	4,324.8
May-21	4,553.3	3,888.2
Jun-21	7,195.5	4,207.2
12 Month Rolling Total	55,512.8	47,881.6

Bio-Diesel used in Production / Red Dye Diesel used in Heavy Duty Mobile Equipment 2021/2022

Jul-21	Bio-Diesel used	Clay Tons Extruded	Gal / Per Ton	Hours run	Red Dye Diesel Used
1-Jul	206.7	459.0	0.4503	10.6	62.0
2-Jul	347.1	770.0	0.4508	17.8	97.0
3-Jul	204.8	454.0	0.4510	10.5	307.0
4-Jul	210.6	467.0	0.4510	10.8	81.0
5-Jul	239.9	532.0	0.4508	12.3	64.0
6-Jul	251.6	558.0	0.4508	12.9	107.7
7-Jul	253.5	562.0	0.4511	13.0	293.9
8-Jul	278.9	619.0	0.4505	14.3	90.0
9-Jul	386.1	857.0	0.4505	19.8	321.4
10-Jul	271.1	601.0	0.4510	13.9	0.0
11-Jul	21.5	48.0	0.4469	1.1	188.3
12-Jul	0.0	0.0	0.0000	0.0	166.5
13-Jul	0.0	0.0	0.0000	0.0	75.4
14-Jul	0.0	0.0	0.0000	0.0	96.7
15-Jul	15.6	35.0	0.4457	0.8	61.5
16-Jul	115.1	255.0	0.4512	5.9	133.8
17-Jul	140.4	311.0	0.4514	7.2	168.7
18-Jul	259.4	575.0	0.4510	13.3	94.0
19-Jul	216.5	480.0	0.4509	11.1	234.1
20-Jul	237.9	528.0	0.4506	12.2	59.0
21-Jul	267.2	593.0	0.4505	13.7	257.9
22-Jul	364.7	809.0	0.4507	18.7	120.2
23-Jul	142.4	316.0	0.4505	7.3	18.8
24-Jul	273.0	606.0	0.4505	14.0	240.0
25-Jul	236.0	523.0	0.4511	12.1	107.0
26-Jul	218.4	485.0	0.4503	11.2	65.0
27-Jul	280.8	623.0	0.4507	14.4	56.0
28-Jul	290.6	645.0	0.4505	14.9	159.2
29-Jul	263.3	584.0	0.4508	13.5	210.1
30-Jul	304.2	675.0	0.4507	15.6	250.4
31-Jul	312.0	692.0	0.4509	16.0	128.2
Monthly Totals	6,608.6	14,662.0	0.4507	338.9	4,314.8

Month	Bio-Diesel	Red Dye Diesel
Aug-19	5,826.6	4,717.4
Sep-19	5,826.6	4,717.4
Oct-19	3,042.0	4,352.8
Nov-19	3,042.0	4,352.8
Dec-19	5,846.1	3,392.0
Jan-20	5,177.3	4,284.4
Feb-20	4,256.9	2,545.9
Mar-20	4,106.7	2,912.8
Apr-20	4,214.0	3,017.0
May-20	3,927.3	4,324.8
Jun-20	4,553.3	3,888.2
Jul-20	7,195.5	4,207.2
12 Month Rolling Total	57,014.3	46,712.7

Bio-Diesel used in Production / Red Dye Diesel used in Heavy Duty Mobile Equipment 2021/2022

Aug-21	Bio-Diesel used	Clay Tons Extruded	Gal / Per Ton	Hours run	Red Dye Diesel Used
1-Aug	70.2	156	0.4508	3.60	0.00
2-Aug	327.6	727	0.4508	16.80	97.60
3-Aug	128.7	286	0.4508	6.60	196.50
4-Aug	128.7	286	0.4508	6.60	196.50
5-Aug	193.1	428	0.4508	9.90	96.20
6-Aug	144.3	320	0.4508	7.40	85.00
7-Aug	175.5	389	0.4508	9.00	100.40
8-Aug	273.0	606	0.4508	14.00	185.00
9-Aug	255.5	567	0.4508	13.10	308.00
10-Aug	208.7	463	0.4508	10.70	112.20
11-Aug	159.9	355	0.4508	8.20	178.20
12-Aug	58.5	130	0.4508	3.00	244.60
13-Aug	144.3	320	0.4508	7.40	200.70
14-Aug	144.3	320	0.4508	7.40	0.00
15-Aug	286.7	636	0.4508	14.70	83.60
16-Aug	126.8	281	0.4508	6.50	192.20
17-Aug	167.7	372	0.4508	8.60	128.00
18-Aug	154.1	342	0.4508	7.90	261.90
19-Aug	158.0	350	0.4508	8.10	188.00
20-Aug	156.0	346	0.4508	8.00	252.30
21-Aug	56.6	125	0.4508	2.90	79.00
22-Aug	234.0	519	0.4508	12.00	145.70
23-Aug	208.7	463	0.4508	10.70	176.50
24-Aug	148.2	329	0.4508	7.60	208.90
25-Aug	179.4	398	0.4508	9.20	199.20
26-Aug	130.7	290	0.4508	6.70	45.00
27-Aug	146.3	324	0.4508	7.50	212.60
28-Aug	0.0	0	0.0000	0.00	9.00
29-Aug	159.9	355	0.4508	8.20	282.80
30-Aug	136.5	303	0.4508	7.00	0.00
31-Aug	173.6	385	0.4508	8.90	0.00
Totals	5,034.90	11,169.73	0.4508	258.20	4,465.60

Month	Bio-Diesel	Red Dye Diesel
Sep-20	5,826.6	4,717.4
Oct-20	3,042.0	4,352.8
Nov-20	3,042.0	4,352.8
Dec-20	5,846.1	3,392.0
Jan-21	5,177.3	4,284.4
Feb-21	4,256.9	2,545.9
Mar-21	4,106.7	2,912.8
Apr-21	4,214.0	3,017.0
May-21	3,927.3	4,324.8
Jun-21	4,553.3	3,888.2
Jul-21	7,195.5	4,207.2
Aug-21	5,034.9	4,465.6
12 Month Rolling Total	56,222.6	46,460.9

Bio-Diesel used in Production / Red Dye Diesel used in Heavy Duty Mobile Equipment 2021/2022

Oct-21	Bio-Diesel used	Clay Tons Extruded	Gal / Per Ton	Hours run	Red Dye Diesel Used
1-Oct	224.3	497	0.4512	11.5	416.4
2-Oct	150.2	333	0.4509	7.7	11.9
3-Oct	152.1	337	0.4513	7.8	256.0
4-Oct	91.7	203	0.4515	4.7	191.7
5-Oct	19.5	43	0.4535	1.0	270.8
6-Oct	169.7	376	0.4512	8.7	30.6
7-Oct	226.2	502	0.4506	11.6	382.7
8-Oct	119.0	264	0.4506	6.1	15.0
9-Oct	284.7	632	0.4505	14.6	82.7
10-Oct	273.0	606	0.4505	14.0	109.0
11-Oct	126.8	281	0.4511	6.5	92.0
12-Oct	0.0	0	0.0000	0.0	78.0
13-Oct	0.0	0	0.0000	0.0	79.5
14-Oct	169.7	376	0.4512	8.7	125.8
15-Oct	392.0	870	0.4505	20.1	107.9
16-Oct	255.5	567	0.4505	13.1	211.2
17-Oct	212.6	472	0.4503	10.9	12.2
18-Oct	132.6	294	0.4510	6.8	151.0
19-Oct	177.5	394	0.4504	9.1	119.0
20-Oct	148.2	329	0.4505	7.6	269.0
21-Oct	91.7	203	0.4515	4.7	220.4
22-Oct	117.0	260	0.4500	6.0	70.0
23-Oct	154.1	342	0.4504	7.9	140.4
24-Oct	152.1	337	0.4513	7.8	0.0
25-Oct	64.4	143	0.4500	3.3	181.1
26-Oct	158.0	350	0.4513	8.1	462.2
27-Oct	144.3	320	0.4509	7.4	0.0
28-Oct	152.1	337	0.4513	7.8	1.4
29-Oct	109.2	242	0.4512	5.6	92.0
30-Oct	154.1	342	0.4504	7.9	136.0
31-Oct	152.1	337	0.4513	7.8	96.0
Totals	4,773.6	10,589.0	0.4218	244.8	4,411.9

Month	Bio-Diesel	Red Dye Diesel
Nov-20	3,042.0	4,352.8
Dec-20	5,846.1	3,392.0
Jan-21	5,177.3	4,284.4
Feb-21	4,256.9	2,545.9
Mar-21	4,106.7	2,912.8
Apr-21	4,214.0	3,017.0
May-21	3,927.3	4,324.8
Jun-21	4,553.3	3,888.2
Jul-21	7,195.5	4,207.2
Aug-21	5,034.9	4,465.6
Sep-21	6,078.2	3,152.6
Oct-21	4,773.6	4,411.9
12 Month Rolling Total	58,205.8	44,955.2

Bio-Diesel used in Production / Red Dye Diesel used in Heavy Duty Mobile Equipment 2021/2022

Sep-21	Bio-Diesel used	Clay Tons Extruded	Gal / Per Ton	Hours run	Red Dye Diesel Used
1-Sep	152.1	337	0.4513	7.8	108.10
2-Sep	140.4	311	0.4514	7.2	66.00
3-Sep	136.5	303	0.4505	7.0	230.90
4-Sep	152.1	337	0.4513	7.8	153.30
5-Sep	140.4	311	0.4514	7.2	150.50
6-Sep	58.5	130	0.4500	3.0	132.60
7-Sep	261.3	580	0.4505	13.4	113.00
8-Sep	224.3	497	0.4512	11.5	61.20
9-Sep	263.3	584	0.4508	13.5	218.30
10-Sep	222.3	493	0.4509	11.4	0.00
11-Sep	300.3	666	0.4509	15.4	0.00
12-Sep	267.2	593	0.4505	13.7	0.00
13-Sep	120.9	268	0.4511	6.2	226.60
14-Sep	78.0	173	0.4509	4.0	91.70
15-Sep	241.8	536	0.4511	12.4	104.00
16-Sep	136.5	303	0.4505	7.0	251.00
17-Sep	50.7	112	0.4527	2.6	175.50
18-Sep	48.8	108	0.4514	2.5	117.80
19-Sep	251.6	558	0.4508	12.9	100.50
20-Sep	175.5	389	0.4512	9.0	170.10
21-Sep	247.7	549	0.4511	12.7	254.20
22-Sep	247.7	549	0.4511	12.7	19.70
23-Sep	370.5	822	0.4507	19.0	298.60
24-Sep	202.8	450	0.4507	10.4	0.00
25-Sep	271.1	601	0.4510	13.9	104.00
26-Sep	261.3	580	0.4505	13.4	0.90
27-Sep	310.1	688	0.4507	15.9	0.90
28-Sep	245.7	545	0.4508	12.6	0.90
29-Sep	222.3	493	0.4509	11.4	1.35
30-Sep	276.9	614	0.4510	14.2	0.90
Totals	6,078.2	13,480	0.4509	311.7	3,152.6

Month	Bio-Diesel	Red Dye Diesel
Oct-20	3,042.0	4,352.8
Nov-20	3,042.0	4,352.8
Dec-20	5,846.1	3,392.0
Jan-21	5,177.3	4,284.4
Feb-21	4,256.9	2,545.9
Mar-21	4,106.7	2,912.8
Apr-21	4,214.0	3,017.0
May-21	3,927.3	4,324.8
Jun-21	4,553.3	3,888.2
Jul-21	7,195.5	4,207.2
Aug-21	5,034.9	4,465.6
Sep-21	6,078.2	3,152.6
12 Month Rolling Total	56,474.2	44,896.1

REG Renewable Energy Group	Biodiesel Certificate of Analysis FM.LAB.001g Biodiesel Certificate of Analysis-REG CSFBT 20210301	BQ-9000 Producer

Lot Number:	716-90001-210527-T1051	**Product Type:**	REG-9000/1
Inlet Seal Number:	3569659	**OS:**	E

ASTM D6751 Analysis of REG-9000® Biodiesel

Property		Value	ASTM D6751 Limit	REG-9000® Limit	Units	Test Method (current revision)
Cloud point:		-2.7 (27)	Report	Report	°C (°F)	D7397
Free Glycerin:		0.006	0.020, max	0.014	% mass	D6584
Total Glycerin:		0.044	0.240, max	0.16	% mass	D6584
Monoglycerides[1]:		0.147	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 @ 25.0°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):		13.0	3, min	6.0	hrs	*EN 15751*
Flash point (closed cup):		188.5	93, min	93	°C	D93
Alcohol Control	Option 1: Methanol	N/A	0.2, max	0.2	% mass	*EN 14110*
	Option 2: Flashpoint	188.5	130, min	130	°C	D93
Moisture[1]:		0.011	N/A	0.040, max	% mass	D6304
Cold Soak Filtration:		89	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:		1.1	15	15	ppm (mg/kg)	D7039
Sodium & Potassium Combined:		< 0.2 *	5, max	1.5	ppm (mg/kg)	*EN 14538*
Calcium & Magnesium Combined:		< 0.2 *	5, max	1.5	ppm (mg/kg)	*EN 14538*
Total Contamination[1]:		0.6 *	N/A	15, max	mg/L	D7321
Ester Content[1]:		98.4 *	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:		4.091 *	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:		351 *	360, max	360	°C	D1160
Cetane Number:		48 *	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, LLC	5/28/2021
	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.

REG Renewable Energy Group	Biodiesel Certificate of Analysis FM.LAB.001g Biodiesel Certificate of Analysis-REG CSFBT 20210301	BQ-9000 Producer

Lot Number:	716-90001-210719-T1052	Product Type:	REG-9000/1
Inlet Seal Number:	3569641	OS:	E

ASTM D6751 Analysis of REG-9000® Biodiesel

Property		Value	ASTM D6751 Limit	REG-9000® Limit	Units	Test Method (current revision)
Cloud point:		-2.6 (27)	Report	Report	°C (°F)	D7397
Free Glycerin:		0.007	0.020, max	0.014	% mass	D6584
Total Glycerin:		0.057	0.240, max	0.16	% mass	D6584
Monoglycerides[1]:		0.195	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 @ 25.1°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):		12.9	3, min	6.0	hrs	*EN 15751*
Flash point (closed cup):		194.5	93, min	93	°C	D93
Alcohol Control	Option 1: Methanol	N/A	0.2, max	0.2	% mass	*EN 14110*
	Option 2: Flashpoint	194.5	130, min	130	°C	D93
Moisture[1]:		0.009	N/A	0.040, max	% mass	D6304
Cold Soak Filtration:		94	360	200	seconds	D7501
Cold Soak Filter Blocking Tendency[1]:		1.2 *	N/A	Report	N/A	CAN/CGSB-3.0 No. 142.0
Sulfur:		3.4	15	15	ppm (mg/kg)	D7039
Sodium & Potassium Combined:		0.3 *	5, max	1.5	ppm (mg/kg)	*EN 14538*
Calcium & Magnesium Combined:		<0.2 *	5, max	1.5	ppm (mg/kg)	*EN 14538*
Total Contamination[1]:		0.6 *	N/A	15, max	mg/L	D7321
Ester Content[1]:		98.4 *	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:		4.091 *	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:		351 *	360, max	360	°C	D1160
Cetane Number:		48 *	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, LLC	7/21/2021
	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.

TLX 28143

REG Renewable Energy Group	Biodiesel Certificate of Analysis FM.LAB.001g Biodiesel Certificate of Analysis-REG CSFBT 20210301	BQ-9000 Producer

Lot Number:	716-90001-211109-T1053	**Product Type:**	REG-9000/1
Inlet Seal Number:	2339457	**OS:**	E

ASTM D6751 Analysis of REG-9000® Biodiesel

Property		Value	ASTM D6751 Limit	REG-9000® Limit	Units	Test Method (current revision)
Cloud point:		-1.9 (29)	Report	Report	°C (°F)	D7397
Free Glycerin:		0.006	0.020, max	0.014	% mass	D6584
Total Glycerin:		0.038	0.240, max	0.16	% mass	D6584
Monoglycerides[1]:		0.120	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:		0.22	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]:		0.8840	N/A	0.87 – 0.89	N/A	D1298
Oxidation Stability (110 °C):		11.2	3, min	6.0	hrs	*EN 15751*
Flash point (closed cup):		193.5	93, min	93	°C	D93
Alcohol Control	Option 1: Methanol	N/A	0.2, max	0.2	% mass	*EN 14110*
	Option 2: Flashpoint	193.5	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:		1.6	15	15	ppm (mg/kg)	D7039
Sodium & Potassium Combined:		0.3 *	5, max	1.5	ppm (mg/kg)	*EN 14538*
Calcium & Magnesium Combined:		<0.2 *	5, max	1.5	ppm (mg/kg)	*EN 14538*
Total Contamination[1]:		0.6 *	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:		0.000 *	0.050, max	0.050	% mass	D4530
Sulfated Ash:		0.001 *	0.020, max	0.020	% mass	D874
Kinematic Viscosity at 40 °C:		4.070 *	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:		350 *	360, max	360	°C	D1160
Cetane Number:		51 *	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, LLC	11/10/2021
	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.

REG Renewable Energy Group	**Biodiesel Quality Report**	Page 1 of 1

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.

APPENDIX D

PO00036PC6

Finished Product Moisture Data

Raw Material and Finshed Product Moistures

First Quarter

Mar-21 area pulled

	Moisture
Finished product at Kiln 3 (Conveyor # 25)	0.0%
Finished product at Kiln 4 (Conveyor # 26)	15.2%
Disintegrator feed belt (# 4)	16.4%
Raw Material Hopper feed Belt (# 16)	17.2%
Raw Material Pug mill feed Belt (# 17)	25.8%

Apr 21 area pulled

	Moisture
Finished product at Kiln 3 (Conveyor # 25)	0.0%
Finished product at Kiln 4 (Conveyor # 26)	14.8%
Disintegrator feed belt (# 4)	15.4%
Raw Material Hopper feed Belt (# 16)	15.8%
Raw Material Pug mill feed Belt (# 17)	23.3%

May-21 area pulled

	Moisture
Finished product at Kiln 3 (Conveyor # 25)	0.0%
Finished product at Kiln 4 (Conveyor # 26)	14.2%
Disintegrator feed belt (# 4)	14.3%
Raw Material Hopper feed Belt (# 16)	15.2%
Raw Material Pug mill feed Belt (# 17)	25.4%

Jun-21 area pulled

	Moisture
Finished product at Kiln 3 (Conveyor # 25)	0.0%
Finished product at Kiln 4 (Conveyor # 26)	15.0%
Disintegrator feed belt (# 4)	15.7%
Raw Material Hopper feed Belt (# 16)	16.8%
Raw Material Pug mill feed Belt (# 17)	21.8%

Second Quarter

Jul-21 area pulled

	Moisture
Finished product at Kiln 3 (Conveyor # 25)	15.8%
Finished product at Kiln 4 (Conveyor # 26)	16.4%
Disintegrator feed belt (# 4)	14.8%
Raw Material Hopper feed Belt (# 16)	16.4%
Raw Material Pug mill feed Belt (# 17)	24.6%

Aug-21 area pulled

	Moisture
Finished product at Kiln 3 (Conveyor # 25)	15.8%
Finished product at Kiln 4 (Conveyor # 26)	15.6%
Disintegrator feed belt (# 4)	14.2%
Raw Material Hopper feed Belt (# 16)	15.4%
Raw Material Pug mill feed Belt (# 17)	23.1%

Sep-21 area pulled

	Moisture
Finished product at Kiln 3 (Conveyor # 25)	15.4%
Finished product at Kiln 4 (Conveyor # 26)	15.6%
Disintegrator feed belt (# 4)	14.3%
Raw Material Hopper feed Belt (# 16)	15.2%
Raw Material Pug mill feed Belt (# 17)	21.4%

Third Quarter

Oct-21 area pulled

	Moisture
Finished product at Kiln 3 (Conveyor # 25)	15.1%
Finished product at Kiln 4 (Conveyor # 26)	15.8%
Disintegrator feed belt (# 4)	16.8%
Raw Material Hopper feed Belt (# 16)	17.5%
Raw Material Pug mill feed Belt (# 17)	20.5%

Nov-21 area pulled

	Moisture
Finished product at Kiln 3 (Conveyor # 25)	15.8%
Finished product at Kiln 4 (Conveyor # 26)	15.5%
Disintegrator feed belt (# 4)	16.8%
Raw Material Hopper feed Belt (# 16)	18.2%
Raw Material Pug mill feed Belt (# 17)	27.5%

Dec-21 area pulled

	Moisture
Finished product at Kiln 3 (Conveyor # 25)	15.4%
Finished product at Kiln 4 (Conveyor # 26)	15.7%
Disintegrator feed belt (# 4)	16.2%
Raw Material Hopper feed Belt (# 16)	16.7%
Raw Material Pug mill feed Belt (# 17)	25.7%

Four Quarter

Jan-22 area pulled

	Moisture
Finished product at Kiln 3 (Conveyor # 25)	15.2%
Finished product at Kiln 4 (Conveyor # 26)	14.6%
Disintegrator feed belt (# 4)	16.4%
Raw Material Hopper feed Belt (# 16)	18.3%
Raw Material Pug mill feed Belt (# 17)	27.2%

Feb-22 area pulled

	Moisture
Finished product at Kiln 3 (Conveyor # 25)	14.8%
Finished product at Kiln 4 (Conveyor # 26)	14.6%
Disintegrator feed belt (# 4)	17.4%
Raw Material Hopper feed Belt (# 16)	18.2%
Raw Material Pug mill feed Belt (# 17)	23.6%

Mar-22 area pulled

	Moisture
Finished product at Kiln 3 (Conveyor # 25)	14.6%
Finished product at Kiln 4 (Conveyor # 26)	14.2%
Disintegrator feed belt (# 4)	16.2%
Raw Material Hopper feed Belt (# 16)	17.4%
Raw Material Pug mill feed Belt (# 17)	23.5%

APPENDIX E

PO00036PC7
Amendment 50 to PO00036

Quarterly Dust Readings

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

Quarter #1: 2020 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			
06/15/21	9:00 AM	E13	Kiln # 3 Baghouse	K-3 Down all year		
06/15/21	9:00 AM	E14	Kiln #4 Baghouse		X	RS
06/15/21	9:00 AM	E24	100 CY Silo / w Bin Vent		X	RS
06/15/21	9:15 AM	28	Belt Conveyor (Dust to Raw Plant)		X	RS
06/15/21	9:30 AM	16	Kiln Material K3 Feeder Belt	K-3 Down all year		
06/15/21	9:30 AM	18	Kiln Material K4 Feeder Belt		X	RS
06/15/21	10:00 AM	25	Kiln Material Belt (Incline)	K-3 Down all year		
06/15/21	10:00 AM	22	Kiln Material Belt (Short Incline)		X	RS
06/15/21	10:00 AM	21	Kiln Material Belt (Long Incline)		X	RS
06/15/21	11:30 AM	E36	Aggregate Cooler for K3	K-3 Down all year		
06/15/21	11:00 AM	E37	Aggregate Cooler for K4		X	RS
06/15/21	11:30 AM	E17	Sytron Vibrating Belt K3 Shuttle	K-3 Down all year		
06/15/21	11:00 AM	E18	Sytron Vibrating Belt K4 Shuttle		X	RS
			Raw Plant			
06/15/21	11:45 AM	E37	Grizzly Raw Material Receiving Hopper (Stand-by)		X	RS
06/15/21	11:45 AM	E38	Inside Raw PlantRecieving Hopper (Stand-By)		X	RS
06/15/21	11:45 AM	15	Inside Feed Belt Conveyor (Stand-By)		X	RS
06/15/21	1:00 PM	E1	Syntron Raw Material Vibrating Belt Conveyor (East)		X	RS
06/15/21	1:00 PM	E2	Syntron Raw Material Vibrating Belt Conveyor (West)		X	RS
06/15/21	1:30 PM	E5	Disintegrator Raw Material (Roller) Crusher		X	RS
06/15/21	2:00 PM	E7	Symons #1 Raw Material Screen		X	RS
06/15/21	2:00 PM	E9	Symons #2 Raw Material Screen		X	RS
06/15/21	2:30 PM	E39	Raw Material Extruder Hopper		X	RS
06/15/21	2:30 PM	E19	JC Steele Raw Material Pug Mill		X	RS
06/15/21	2:30 PM	E20	JC Steele Raw Material Extruder		X	RS
06/15/21	1:30 PM	4	Disintegrator Feed Belt		X	RS
06/15/21	3:00 PM	11	Raw Materials Symons Screen #2 Discharge Belt		X	RS
06/15/21	3:00 PM	12	Raw Materials Symons Screen #1 Discharge Belt		X	RS
06/15/21	7:30 AM	13	Raw Materials Symons Screens Tail Belt		X	RS
06/15/21	8:00 AM	14	Raw Materials Loop Belt		X	RS
06/15/21	8:00 AM	16	Raw Materials Hopper Feed Belt		X	RS
06/15/21	8:30 AM	17	Raw Materials Pug Feed Belt (From Silo)		X	RS
06/15/21	8:30 AM	18	Raw Materials Pug Feed Belt (From Hopper)		X	RS
06/15/21	9:00 AM	21	Raw Materials Extruder Tail Belt		X	RS
06/15/21	9:00 AM	22	Raw Materials Conveyor to Raw Materials Tank #3 & 4		X	RS
06/15/21	9:30 AM	23	Raw Materials Conveyor to Raw Materials Tank #3 & 4		X	RS
06/15/21	10:00 AM	E41	350 CY Raw Materials Tank #3		X	RS
06/15/21	10:00 AM	E42	350 CY Raw Materials Tank #4		X	RS
06/15/21	10:45 AM	E28	Baghouse Dump Screw Auger		X	RS
06/15/21	10:30 AM	E29	Raw Plant Baghouse		X	RS

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

Quarter #1: 2020 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						
06/15/21	11:00 AM	E19	Finished End Tower Screen (Scalping Screen, 2 Decks)		X	RS
06/15/21	11:30 AM	E30	Finished End Vertical Impact Crusher (VIC)		X	RS
06/15/21	1:00 PM	E34	Finished End Symons Screen (1 Deck)		X	RS
06/15/21	1:30 PM	E22	Finished End Overstrom Screen Deck (1 Deck)		X	RS
06/15/21	1:30 PM	E23	Finished End O'Brein Sceen Deck (1 Deck)		X	RS
06/15/21	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**		
06/15/21	2:00 PM	25	Finished End Conveyor Belt		X	RS
06/15/21	2:00 PM	26	Finished End Conveyor Belt		X	RS
06/15/21	2:30 PM	54	Finished End Conveyor Belt		X	RS
06/15/21	2:30 PM	55	Finished End Conveyor Belt		X	RS
06/15/21	7:00 AM	28	Finished End Chute Conveyor		X	RS
06/15/21	7:00 AM	29	Finished End Radial Stacker		X	RS
30			Finished End Conveyor Belt	**Out Of Service**		
06/16/21	8:00 AM	31	Finished End Conveyor Belt		X	RS
06/16/21	8:00 AM	32	Finished End Conveyor Belt		X	RS
06/16/21	8:30 AM	33	Finished End Conveyor Belt		X	RS
06/16/21	8:30 AM	34	Finished End Conveyor Belt		X	RS
06/16/21	9:00 AM	35	Finished End Conveyor Belt		X	RS
06/16/21	9:00 AM	36	Finished End Conveyor Belt		X	RS
06/16/21	9:00 AM	37	Finished End Conveyor Belt		X	RS
06/16/21	10:00 AM	38	Finished End Conveyor Belt		X	RS
06/16/21	10:00 AM	39	Finished End Conveyor Belt		X	RS
06/16/21	10:00 AM	40	Finished End Conveyor Belt		X	RS
06/16/21	10:30 AM	41	Finished End Conveyor Belt		X	RS
06/16/21	11:00 AM	42	Finished End Conveyor Belt		X	RS
06/16/21	11:00 AM	43	Finished End Conveyor Belt		X	RS
06/16/21	11:00 AM	44	Finished End Conveyor Belt		X	RS
06/16/21	11:30 AM	45	Finished End Conveyor Belt		X	RS
06/16/21	11:30 AM	46	Finished End Conveyor Belt (Stand-by for VIC Crusher)		X	RS
06/16/21	1:00 PM	47	Finished End Conveyor Belt		X	RS
06/16/21	1:00 PM	48	Finished End Conveyor Belt		X	RS
06/16/21	1:00 PM	49	Finished End Conveyor Belt		X	RS
06/16/21	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)						
06/16/21	2:30 PM	1	Receiving Hopper		X	RS
06/16/21	2:30 PM	1	Triple Deck Screen		X	RS
06/16/21	3:00 PM	6	Conveyors		X	RS

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

Quarter #2: 2020 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						
09/22/20	7:30 AM	E13	Kiln # 3 Baghouse	**K-3 Down all year**		
09/22/20	7:30 AM	E14	Kiln #4 Baghouse		X	RS
09/22/20	7:30 AM	E24	100 CY Silo / w Bin Vent		X	RS
09/22/20	8:00 AM	28	Belt Conveyor (Dust to Raw Plant)		X	RS
09/22/20	8:30 AM	16	Kiln Material K3 Feeder Belt	**K-3 Down all year**		
09/22/20	8:30 AM	18	Kiln Material K4 Feeder Belt		X	RS
09/22/20	9:00 AM	25	Kiln Material Belt (Incline)	**K-3 Down all year**		
09/22/20	9:00 AM	22	Kiln Material Belt (Short Incline)		X	RS
09/22/20	9:00 AM	21	Kiln Material Belt (Long Incline)		X	RS
09/22/20	9:30 AM	E36	Aggregate Cooler for K3	**K-3 Down all year**		
09/22/20	10:00 AM	E37	Aggregate Cooler for K4		X	RS
09/22/20	9:30 AM	E17	Sytron Vibrating Belt K3 Shuttle	**K-3 Down all year**		
09/22/20	10:00 AM	E18	Sytron Vibrating Belt K4 Shuttle		X	RS
Raw Plant						
09/21/20	10:15 AM	E37	Grizzly Raw Material Receiving Hopper (Stand-by)		X	RS
09/22/20	10:15 AM	E38	Inside Raw PlantRecieving Hopper (Stand-By)		X	RS
09/22/20	10:15 AM	15	Inside Feed Belt Conveyor (Stand-By)		X	RS
09/22/20	12:00 PM	E1	Syntron Raw Material Vibrating Belt Conveyor (East)		X	RS
09/22/20	12:00 PM	E2	Syntron Raw Material Vibrating Belt Conveyor (West)		X	RS
09/22/20	12:30 PM	E5	Disintegrator Raw Material (Roller) Crusher		X	RS
09/22/20	1:00 PM	E7	Symons #1 Raw Material Screen		X	RS
09/22/20	1:00 PM	E9	Symons #2 Raw Material Screen		X	RS
09/22/20	1:30 PM	E39	Raw Material Extruder Hopper		X	RS
09/22/20	1:30 PM	E19	JC Steele Raw Material Pug Mill		X	RS
09/22/20	1:30 PM	E20	JC Steele Raw Material Extruder		X	RS
09/22/20	12:30 PM	4	Disintegrator Feed Belt		X	RS
09/22/20	2:00 PM	11	Raw Materials Symons Screen #2 Discharge Belt		X	RS
09/22/20	2:00 PM	12	Raw Materials Symons Screen #1 Discharge Belt		X	RS
09/22/20	2:00 PM	13	Raw Materials Symons Screens Tail Belt		X	RS
09/22/20	2:30 PM	14	Raw Materials Loop Belt		X	RS
09/22/20	2:30 PM	16	Raw Materials Hopper Feed Belt		X	RS
09/22/20	3:00 PM	17	Raw Materials Pug Feed Belt (From Silo)		X	RS
09/22/20	3:00 PM	18	Raw Materials Pug Feed Belt (From Hopper)		X	RS
09/23/20	8:00 AM	21	Raw Materials Extruder Tail Belt		X	RS
09/23/20	8:00 AM	22	Raw Materials Conveyor to Raw Materials Tank #3 & 4		X	RS
09/23/20	8:30 AM	23	Raw Materials Conveyor to Raw Materials Tank #3 & 4		X	RS
09/23/20	8:45 AM	E41	350 CY Raw Materials Tank #3		X	RS
09/23/20	8:45 AM	E42	350 CY Raw Materials Tank #4		X	RS
09/23/20	9:00 AM	E28	Baghouse Dump Screw Auger		X	RS
09/23/20	9:00 AM	E29	Raw Plant Baghouse		X	RS

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

Quarter #2: 2020 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						
09/23/20	9:30 AM	E19	Finished End Tower Screen (Scalping Screen, 2 Decks)		X	RS
09/23/20	10:00 AM	E30	Finished End Vertical Impact Crusher (VIC)		X	RS
09/23/20	10:30 AM	E34	Finished End Symons Screen (1 Deck)		X	RS
09/23/20	11:00 AM	E22	Finished End Overstrom Screen Deck (1 Deck)		X	RS
09/23/20	11:00 AM	E23	Finished End O'Brein Sceen Deck (1 Deck)		X	RS
09/23/20	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**		
09/24/20	9:30 AM	25	Finished End Conveyor Belt		X	RS
09/24/20	9:30 AM	26	Finished End Conveyor Belt		X	RS
09/24/20	10:00 AM	54	Finished End Conveyor Belt		X	RS
09/24/20	10:00 AM	55	Finished End Conveyor Belt		X	RS
09/24/20	11:00 AM	28	Finished End Chute Conveyor		X	RS
09/24/20	11:00 AM	29	Finished End Radial Stacker		X	RS
30			Finished End Conveyor Belt	**Out Of Service**		
09/23/20	1:00 PM	31	Finished End Conveyor Belt		X	RS
09/23/20	1:00 PM	32	Finished End Conveyor Belt		X	RS
09/23/20	1:00 PM	33	Finished End Conveyor Belt		X	RS
09/23/20	1:00 PM	34	Finished End Conveyor Belt		X	RS
09/23/20	1:30 PM	35	Finished End Conveyor Belt		X	RS
09/23/20	1:30 PM	36	Finished End Conveyor Belt		X	RS
09/23/20	1:30 PM	37	Finished End Conveyor Belt		X	RS
09/23/20	1:30 PM	38	Finished End Conveyor Belt		X	RS
09/23/20	2:00 PM	39	Finished End Conveyor Belt		X	RS
09/23/20	2:00 PM	40	Finished End Conveyor Belt		X	RS
09/23/20	2:00 PM	41	Finished End Conveyor Belt		X	RS
09/23/20	2:00 PM	42	Finished End Conveyor Belt		X	RS
09/23/20	2:00 PM	43	Finished End Conveyor Belt		X	RS
09/23/20	2:00 PM	44	Finished End Conveyor Belt		X	RS
09/23/20	2:30 PM	45	Finished End Conveyor Belt		X	RS
09/23/20	2:30 PM	46	Finished End Conveyor Belt (Stand-by for VIC Crusher)		X	RS
09/23/20	3:00 PM	47	Finished End Conveyor Belt		X	RS
09/23/20	3:00 PM	48	Finished End Conveyor Belt		X	RS
09/23/20	3:00 PM	49	Finished End Conveyor Belt		X	RS
09/23/20	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)						
09/24/20	8:00 AM	1	Receiving Hopper		X	RS
09/24/20	8:00 AM	1	Triple Deck Screen		X	RS
09/24/20	8:30 AM	6	Conveyors		X	RS

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

Quarter #3: 2020 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						
12/15/20	7:00 AM	E13	Kiln # 3 Baghouse	K-3 Down all year		
12/15/20	7:00 AM	E14	Kiln #4 Baghouse		X	RS
12/15/20	7:00 AM	E24	100 CY Silo / w Bin Vent		X	RS
12/15/20	7:15 AM	28	Belt Conveyor (Dust to Raw Plant)		X	RS
12/15/20	7:30 AM	16	Kiln Material K3 Feeder Belt	K-3 Down all year		
12/15/20	7:30 AM	18	Kiln Material K4 Feeder Belt		X	RS
12/15/20	8:00 AM	25	Kiln Material Belt (Incline)	K-3 Down all year		
12/15/20	8:00 AM	22	Kiln Material Belt (Short Incline)		X	RS
12/15/20	8:00 AM	21	Kiln Material Belt (Long Incline)		X	RS
12/15/20	8:30 AM	E36	Aggregate Cooler for K3	K-3 Down all year		
12/15/20	8:00 AM	E37	Aggregate Cooler for K4		X	RS
12/15/20	8:30 AM	E17	Sytron Vibrating Belt K3 Shuttle	K-3 Down all year		
12/15/20	9:00 AM	E18	Sytron Vibrating Belt K4 Shuttle		X	RS
Raw Plant						
12/15/20	9:45 AM	E37	Grizzly Raw Material Receiving Hopper (Stand-by)		X	RS
12/15/20	9:45 AM	E38	Inside Raw PlantRecieving Hopper (Stand-By)		X	RS
12/15/20	9:45 AM	15	Inside Feed Belt Conveyor (Stand-By)		X	RS
12/15/20	12:00 PM	E1	Syntron Raw Material Vibrating Belt Conveyor (East)		X	RS
12/15/20	12:00 PM	E2	Syntron Raw Material Vibrating Belt Conveyor (West)		X	RS
12/15/20	12:30 PM	E5	Disintegrator Raw Material (Roller) Crusher		X	RS
12/15/20	1:00 PM	E7	Symons #1 Raw Material Screen		X	RS
12/15/20	1:00 PM	E9	Symons #2 Raw Material Screen		X	RS
12/15/20	1:30 PM	E39	Raw Material Extruder Hopper		X	RS
12/15/20	1:30 PM	E19	JC Steele Raw Material Pug Mill		X	RS
12/15/20	1:30 PM	E20	JC Steele Raw Material Extruder		X	RS
12/15/20	12:30 PM	4	Disintegrator Feed Belt		X	RS
12/15/20	2:00 PM	11	Raw Materials Symons Screen #2 Discharge Belt		X	RS
12/15/20	2:00 PM	12	Raw Materials Symons Screen #1 Discharge Belt		X	RS
12/16/20	9:00 AM	13	Raw Materials Symons Screens Tail Belt		X	RS
12/16/20	10:00 AM	14	Raw Materials Loop Belt		X	RS
12/16/20	10:00 AM	16	Raw Materials Hopper Feed Belt		X	RS
12/16/20	10:30 AM	17	Raw Materials Pug Feed Belt (From Silo)		X	RS
12/16/20	10:30 AM	18	Raw Materials Pug Feed Belt (From Hopper)		X	RS
12/16/20	11:00 AM	21	Raw Materials Extruder Tail Belt		X	RS
12/16/20	11:00 AM	22	Raw Materials Conveyor to Raw Materials Tank #3 & 4		X	RS
12/16/20	11:30 AM	23	Raw Materials Conveyor to Raw Materials Tank #3 & 4		X	RS
12/16/20	12:00 PM	E41	350 CY Raw Materials Tank #3		X	RS
12/16/20	12:00 PM	E42	350 CY Raw Materials Tank #4		X	RS
12/16/20	12:45 PM	E28	Baghouse Dump Screw Auger		X	RS
12/16/20	12:30 PM	E29	Raw Plant Baghouse		X	RS

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

Quarter #3: 2020 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						
12/16/20	1:00 PM	E19	Finished End Tower Screen (Scalping Screen, 2 Decks)		X	RS
12/16/20	1:30 PM	E30	Finished End Vertical Impact Crusher (VIC)		X	RS
12/16/20	3:00 PM	E34	Finished End Symons Screen (1 Deck)		X	RS
12/16/20	3:30 PM	E22	Finished End Overstrom Screen Deck (1 Deck)		X	RS
12/16/20	3:30 PM	E23	Finished End O'Brein Sceen Deck (1 Deck)		X	RS
12/16/20	3:30 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		
12/16/20	4:00 PM	25	Finished End Conveyor Belt		X	RS
12/16/20	4:00 PM	26	Finished End Conveyor Belt		X	RS
12/16/20	4:30 PM	54	Finished End Conveyor Belt		X	RS
12/16/20	4:30 PM	55	Finished End Conveyor Belt		X	RS
12/17/20	8:00 AM	28	Finished End Chute Conveyor		X	RS
12/17/20	8:00 AM	29	Finished End Radial Stacker		X	RS
30			Finished End Conveyor Belt	Out Of Service		
12/17/20	9:00 AM	31	Finished End Conveyor Belt		X	RS
12/17/20	9:00 AM	32	Finished End Conveyor Belt		X	RS
12/17/20	9:30 AM	33	Finished End Conveyor Belt		X	RS
12/17/20	9:30 AM	34	Finished End Conveyor Belt		X	RS
12/17/20	10:00 AM	35	Finished End Conveyor Belt		X	RS
12/17/20	10:00 AM	36	Finished End Conveyor Belt		X	RS
12/17/20	10:00 AM	37	Finished End Conveyor Belt		X	RS
12/17/20	11:00 AM	38	Finished End Conveyor Belt		X	RS
12/17/20	11:00 AM	39	Finished End Conveyor Belt		X	RS
12/17/20	11:00 AM	40	Finished End Conveyor Belt		X	RS
12/17/20	11:30 AM	41	Finished End Conveyor Belt		X	RS
12/17/20	1:00 PM	42	Finished End Conveyor Belt		X	RS
12/17/20	1:00 PM	43	Finished End Conveyor Belt		X	RS
12/17/20	1:00 PM	44	Finished End Conveyor Belt		X	RS
12/17/20	1:00 PM	45	Finished End Conveyor Belt		X	RS
12/17/20	1:00 PM	46	Finished End Conveyor Belt (Stand-by for VIC Crusher)		X	RS
12/17/20	1:30 PM	47	Finished End Conveyor Belt		X	RS
12/17/20	1:30 PM	48	Finished End Conveyor Belt		X	RS
12/17/20	1:00 PM	49	Finished End Conveyor Belt		X	RS
12/17/20	2:00 PM	E27	Finished End Baghouse		X	RS
E40			Sytron Conveyor	Out Of Service		
Portable Screening Plant (Powerscreen Chiefain 2100S, 3 Deck Incline Screen)						
12/17/20	2:30 PM	1	Receiving Hopper		X	RS
12/17/20	2:30 PM	1	Triple Deck Screen		X	RS
12/17/20	3:00 PM	6	Conveyors		X	RS

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

Quarter #4: 2020 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			
03/16/21	8:00 AM	E13	Kiln # 3 Baghouse		K-3 Down all year	
03/16/21	8:00 AM	E14	Kiln #4 Baghouse		X	RS
03/16/21	8:00 AM	E24	100 CY Silo / w Bin Vent		X	RS
03/16/21	8:15 AM	28	Belt Conveyor (Dust to Raw Plant)		X	RS
03/16/21	8:30 AM	16	Kiln Material K3 Feeder Belt		K-3 Down all year	
03/16/21	8:30 AM	18	Kiln Material K4 Feeder Belt		X	RS
03/16/21	9:30 AM	25	Kiln Material Belt (Incline)		K-3 Down all year	
03/16/21	9:00 AM	22	Kiln Material Belt (Short Incline)		X	RS
03/16/21	9:00 AM	21	Kiln Material Belt (Long Incline)		X	RS
03/16/21	10:30 AM	E36	Aggregate Cooler for K3		K-3 Down all year	
03/16/21	10:00 AM	E37	Aggregate Cooler for K4		X	RS
03/16/21	10:30 AM	E17	Sytron Vibrating Belt K3 Shuttle		K-3 Down all year	
03/16/21	10:00 AM	E18	Sytron Vibrating Belt K4 Shuttle		X	RS
			Raw Plant			
03/16/21	10:45 AM	E37	Grizzly Raw Material Receiving Hopper (Stand-by)		X	RS
03/16/21	10:45 AM	E38	Inside Raw PlantRecieving Hopper (Stand-By)		X	RS
03/16/21	10:45 AM	15	Inside Feed Belt Conveyor (Stand-By)		X	RS
03/16/21	12:00 PM	E1	Syntron Raw Material Vibrating Belt Conveyor (East)		X	RS
03/16/21	12:30 PM	E2	Syntron Raw Material Vibrating Belt Conveyor (West)		X	RS
03/16/21	12:30 PM	E5	Disintegrator Raw Material (Roller) Crusher		X	RS
03/16/21	1:00 PM	E7	Symons #1 Raw Material Screen		X	RS
03/16/21	1:00 PM	E9	Symons #2 Raw Material Screen		X	RS
03/16/21	1:30 PM	E39	Raw Material Extruder Hopper		X	RS
03/16/21	1:30 PM	E19	JC Steele Raw Material Pug Mill		X	RS
03/16/21	1:30 PM	E20	JC Steele Raw Material Extruder		X	RS
03/16/21	1:30 PM	4	Disintegrator Feed Belt		X	RS
03/16/21	2:00 PM	11	Raw Materials Symons Screen #2 Discharge Belt		X	RS
03/16/21	2:00 PM	12	Raw Materials Symons Screen #1 Discharge Belt		X	RS
03/16/21	8:00 AM	13	Raw Materials Symons Screens Tail Belt		X	RS
03/16/21	8:30 AM	14	Raw Materials Loop Belt		X	RS
03/16/21	8:30 AM	16	Raw Materials Hopper Feed Belt		X	RS
03/16/21	9:00 AM	17	Raw Materials Pug Feed Belt (From Silo)		X	RS
03/16/21	9:00 AM	18	Raw Materials Pug Feed Belt (From Hopper)		X	RS
03/16/21	9:30 AM	21	Raw Materials Extruder Tail Belt		X	RS
03/16/21	9:30 AM	22	Raw Materials Conveyor to Raw Materials Tank #3 & 4		X	RS
03/16/21	10:00 AM	23	Raw Materials Conveyor to Raw Materials Tank #3 & 4		X	RS
03/16/21	10:30 AM	E41	350 CY Raw Materials Tank #3		X	RS
03/16/21	10:30 AM	E42	350 CY Raw Materials Tank #4		X	RS
03/16/21	11:15 AM	E28	Baghouse Dump Screw Auger		X	RS
03/16/21	11:15 AM	E29	Raw Plant Baghouse		X	RS

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

Quarter #4: 2020 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						
03/17/21	11:30 AM	E19	Finished End Tower Screen (Scalping Screen, 2 Decks)		X	RS
03/17/21	12:00 PM	E30	Finished End Vertical Impact Crusher (VIC)		X	RS
03/17/21	1:30 PM	E34	Finished End Symons Screen (1 Deck)		X	RS
03/17/21	2:00 PM	E22	Finished End Overstrom Screen Deck (1 Deck)		X	RS
03/17/21	2:00 PM	E23	Finished End O'Brein Sceen Deck (1 Deck)		X	RS
03/17/21	2:00 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		
03/17/21	2:30 PM	25	Finished End Conveyor Belt		X	RS
03/17/21	2:30 PM	26	Finished End Conveyor Belt		X	RS
03/17/21	3:00 PM	54	Finished End Conveyor Belt		X	RS
03/17/21	3:00 PM	55	Finished End Conveyor Belt		X	RS
03/17/21	8:00 AM	28	Finished End Chute Conveyor		X	RS
03/17/21	8:00 AM	29	Finished End Radial Stacker		X	RS
30			Finished End Conveyor Belt	Out Of Service		
03/18/21	9:00 AM	31	Finished End Conveyor Belt		X	RS
03/18/21	9:00 AM	32	Finished End Conveyor Belt		X	RS
03/18/21	9:30 AM	33	Finished End Conveyor Belt		X	RS
03/18/21	9:30 AM	34	Finished End Conveyor Belt		X	RS
03/18/21	10:00 AM	35	Finished End Conveyor Belt		X	RS
03/18/21	10:00 AM	36	Finished End Conveyor Belt		X	RS
03/18/21	10:00 AM	37	Finished End Conveyor Belt		X	RS
03/18/21	10:30 AM	38	Finished End Conveyor Belt		X	RS
03/18/21	10:30 AM	39	Finished End Conveyor Belt		X	RS
03/18/21	10:30 AM	40	Finished End Conveyor Belt		X	RS
03/18/21	11:00 AM	41	Finished End Conveyor Belt		X	RS
03/18/21	11:00 AM	42	Finished End Conveyor Belt		X	RS
03/18/21	11:30 AM	43	Finished End Conveyor Belt		X	RS
03/18/21	11:30 AM	44	Finished End Conveyor Belt		X	RS
03/18/21	12:00 PM	45	Finished End Conveyor Belt		X	RS
03/18/21	12:00 PM	46	Finished End Conveyor Belt (Stand-by for VIC Crusher)		X	RS
03/18/21	1:00 PM	47	Finished End Conveyor Belt		X	RS
03/18/21	1:00 PM	48	Finished End Conveyor Belt		X	RS
03/18/21	1:00 PM	49	Finished End Conveyor Belt		X	RS
03/18/21	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)						
03/18/21	2:30 PM	1	Receiving Hopper		X	RS
03/18/21	2:30 PM	1	Triple Deck Screen		X	RS
03/18/21	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 04-09-2021 Time 9:15 AM

Kiln Cooler(s)/ water sprays equipment/Sand Conversion Belt Dust Suppresion 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**	**Malfuntion**
	☒ YES ☐ NO	☐ YES ☒ NO

Note: If any malfunctions explanation and action taken;

PUMP REPAIRED.

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

Maintenance Technician Signature/Date: JESS URIBE / 04/09/2021

Inspected By (print name) RICHARD STOVALL

Signature Richard Stovall

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 04-20-2021 Time 1:30 PM

Kiln Cooler(s)/ water sprays equipment/Sand Conversion Belt Dust Suppresion 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**	**Malfuntion**
	☒ 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 5-4-2021 Time _____

Kiln Cooler(s)/ water sprays equipment/Sand Conversion Belt Dust Suppresion 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	Malfuntion
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 Stew

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 5-18-2021 Time 8:00

Kiln Cooler(s)/ water sprays equipment/Sand Conversion Belt Dust Suppresion 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	Malfuntion
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 06-01-2021 Time 11:30

Kiln Cooler(s)/ water sprays equipment/Sand Conversion Belt Dust Suppresion 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	**Malfuntion**
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 6-15-2021 Time 8:00

Kiln Cooler(s)/ water sprays equipment/Sand Conversion Belt Dust Suppresion 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	**Malfuntion**
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 6-29-2021 Time 8:00

Kiln Cooler(s)/ water sprays equipment/Sand Conversion Belt Dust Suppresion 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	**Malfuntion**
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 SPENCER

Signature Richard Spencer

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 7-13-2021 Time 9:30

Kiln Cooler(s)/ water sprays equipment/Sand Conversion Belt Dust Suppresion 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	**Malfuntion**
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 7-29-2021 Time 3:00 PM

Kiln Cooler(s)/ water sprays equipment/Sand Conversion Belt Dust Suppresion 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	**Malfuntion**
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 Richard Stevens

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 8-11-2021 Time 8:00 PM

Kiln Cooler(s)/ water sprays equipment/Sand Conversion Belt Dust Suppresion 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**	**Malfuntion**
	☐ YES ☒ NO	☐ YES ☒ NO

Note: If any malfunctions explanation and action taken;

BROKEN WATER LINE

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

Maintenance Technician
Signature/Date:

Inspected By (print name) RICHARD SPENCER

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 8-24-2021 Time 10:30 AM

Kiln Cooler(s)/ water sprays equipment/Sand Conversion Belt Dust Suppresion 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	Malfuntion
	☒ YES ☐ NO	☒ YES ☐ NO

Note: If any malfunctions explanation and action taken;

BROKEN WATER LINE

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 9-7-21 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 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 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 9-23-2021 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 Suppression 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 10-4-2021 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 STEGNER

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 - 24 - 2021 Time 8:30

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 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 11-3-2021 Time 8:15 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 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 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 11-16-2021 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 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 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 12-9-2021 Time 7:30 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 Suppression 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 12-21-2021 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 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 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 1-5-2024 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 Suppression 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 01-20-2022 Time 7:30

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 Suppression 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 STEMEL

Signature Richard Stemel

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 2-10-2022 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 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 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 2-22-2022 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 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 Stemel

Signature Richard Stemel

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

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 Suppression 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 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 03-24-2022 Time 7:30 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 Suppression 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 STEPHENS

Signature _____

APPENDIX G

PO00036PC2 Condition #3

CEMS Logs

ARCOSA Lightweight
Permit Number 00036

Breakdown Periods
CO Breakdown Summary
April 1, 2021 to March 31, 2022

Date	Device	Duration	Componet	Comment
1/27/2022	K4 GM35	197	GM 35	Our electrician had been conducting PM services on the GM35 just days prior to the malfunction. He continued to work on the GM35 following OEM guideline with no fix. Called out SICK Technician on Friday 01-28-2022 and he could not get here until Tuesday 02-01-2022.
3/10/2022	K4 GM35	47	GM 35	H2O circuit board needed to be replaced. Techician came out 03-12-2022 and replaced the circuit board.

ARCOSA Lightweight
Permit Number 00036

Breakdown Periods
PM Breakdown Summary
April 1, 2021 to March 31,2022

Date	Device	Duration	Componet	Comment
2/17/2022	K3 PM CPM 750	2.5 hours	CPM 750	Baghouse built up and burned the bottom of the bags. Had a PM Dust to exit stack.

ARCOSA Lightweight
Permit Number 00036

Breakdown Periods
FlowSic Breakdown Summary
April 1, 2021 to March 31, 2022

Date	Device	Duration	Componet	Comment
7/21/2021	K3 FlowSic	51 Hours	FlowSic	Technican's dianosis was that the battery was bad and needed to be changed out, also the K3 GM32 CO Motor, also needed to be replaced. Both situations were corrected.

ARCOSA Lightweight
Permit Number 00036

Breakdown Periods
NOV Summary
April 1, 2021 to March 31,2022

Date	Device	Duration	Component	Comment
12/2/2021				Tests as specified PO00036PC2 rev-261, Condition No.3 and PO00036PC3 rev-271, Condition No.2. APCD Rule 19.c.- Failure to submit RATA/Compliance within 45 Days.