Trinity ES&C

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

May 5, 2018

Mr. Dan Searcy, Manager
Ventura County Air Pollution Control District
669 County Square Drive
Ventura, California 93003

RE: Title-V annual compliance report

Dear Mr. Searcy:

Enclosed is the 2017/2018 Title-V Annual Compliance Certification with supporting documentation.

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

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

Sincerely,

Enclosure
Cory Danner
VP of Operations

Steve Fernandes
Michael Ragsdale

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:
Cory Danner Title: VP Of Operations	5/10/18

Time Period Covered by Compliance Certification

03 / 01 /17 (MM/DD/YY) to **03 /31 /18** (MM/DD/YY)

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION
PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: **03/ 01 /17**(MM/DD/YY) to **02 /28 /18**(MM/DD/YY)

A. Attachment # or Permit Condition #: **40 CFR Part 60, Subpart OOO, 08.31.83**	D. Frequency of monitoring:
B. Description: Conditions 1-13 Standards of performance for Nonmetallic Mineral Processing Facilities for equipment Installed before August 31,1983	Upon request of VCAPCD 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, 17, 9 or 22
C. Method of monitoring: Source Tests and opacity reading upon request of VCAPCD. EPA Method 5, EPA Method 17, 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): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: **PO0036PC1 Condition #1**	D. Frequency of monitoring:
B. Description: Rule 26 General Recordkeeping	Monthly throughput and consumption records- Attached in Appendix A and Appendix B as applicable E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Not Applicable
C. Method of monitoring: -Submittal of Annual Compliance Certification -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 #: **PO0036PC1 Condition #2**	D. Frequency of monitoring:
B. Description: Rule 29 Solvent Recordkeeping	Annual compliance statement. Recordkeeping of non-exempt solvent usage-N/A this reporting Period E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Not Applicable
C. Method of monitoring: Records of solvent purchases and usage. As applicable to VCAPCD rules. Solvent used for facility maintenance and repair exempt (Rule 23.F.7-not including use by contractors). Non-refillable aerosol <2% organic solvents exempt. Solvents used by facility are exempt by Rule 23.F.7 and Rule 23.F.10.a, and b. Facility uses only non-volatile (<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: **03/ 01 /17** (MM/DD/YY) to **02 /28 /18** (MM/DD/YY)

A. Attachment # or Permit Condition #: **PO0036PC2 Condition #1**	D. Frequency of monitoring:
B. Description: Rule 26- Annual Natural Gas consumption limits for Kilns Nos 3 and 4.	Consumption data and calculations attached in Appendix B.
	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Not Applicable
C. Method of monitoring: -Daily and monthly records of natural gas consumption -Twelve month rolling records of natural gas consumption -Annual compliance certification 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 #: **PO0036PC2 Condition 2**	D. Frequency of monitoring:
B. Description: Rules 26, 68, and 103 NOx and CO emission limits for Kiln Nos. 3 and 4	Annual- See Attached Source Test Form
	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable ARB Method 100
C. Method of monitoring: -Annual compliance certification - Once every twelve Months NOx, CO and O2 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 Kiln 3 and 4 respectively	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 #: **PO0036PC2 Condition 3**	D. Frequency of monitoring:
B. Description: Rules 103 NOx and CO CEMs for Kiln Nos. 3 and 4. Per 40 CFR Part 51, Appendix P.	Annual- See Attached Source Test Form and Appendix G CEMS log
	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Annual RATA
C. Method of monitoring: -Annual compliance certification - CEM installed for NOx and CO - Relative Accuracy (RA) test for CEMs every twelve Months and NOx, CO and O2 monitored ARB Method 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): I H. *Excursions, exceedances, or other non-compliance? (Y or N): Y *If yes, attach Deviation Summary Form

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION
PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: **03/ 01 /10** (MM/DD/YY) to **02 /28 /11** (MM/DD/YY)

A. Attachment # or Permit Condition #: **PO0036PC2 Condition 4**	D. Frequency of monitoring:
B. Description: Rule 103.B.2. Record keeping NOx and CO CEMs for Kiln Nos. 3 and 4	Annual- See Attached Source Test Form
	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Annual RATA
C. Method of monitoring: -Annual compliance certification - Record average concentrations, calibrations and other requirements of CEMs - Monthly reports have been previously submitted, summary attached.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): I H. *Excursions, exceedances, or other non-compliance? (Y or N): Y *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: **PO0036PC2 Condition 5**	D. Frequency of monitoring:
B. Description: Reporting Emission Violations	Within 96 hours NOx and/or CO violations reported in writing
	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Not Applicable
C. Method of monitoring: District Rule 103- 96 hour written notification of violations of NOx and/or CO violations.	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 #: **PO0036PC2 Condition 6**	D. Frequency of monitoring:
B. Description: CEMS Data	CEM continuous data collections during affected source operating hours.
	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Not Applicable
C. Method of monitoring: CEMs measure concentration in parts per million by volume (ppmv) and calculates mass emission rates to pounds per hour (lb/hr).	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: **03/ 01 /10** (MM/DD/YY) to **02 /28 /11** (MM/DD/YY)

A. Attachment # or Permit Condition #: **PO0036PC2 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 Relative Accuracy Testing of CO and NOx CEMs using ARB method 100 for NOx, 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 #:**PO0036PC3 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
C. Method of monitoring: Daily, monthly and twelve month rolling average records of light weight aggregate produced.	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 #:**PO0036PC3 Condition 2**	D. Frequency of monitoring: Annual- See Attached Source Test Form
B. Description: Particulate matter emission limits for Kilns 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 lb/ton of light weight aggregate process for each kiln #3 and Kiln #4. Testing by CARB Method 5 to be done once every twelve 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: **03/ 01 /10** (MM/DD/YY) to **02 /28 /11** (MM/DD/YY)

A. Attachment # or Permit Condition #:**PO0036PC3 Condition 3**	D. Frequency of monitoring: Recordkeeping
B. Description: Particulate and opacity emission limits for Kilns 3 and 4.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring: Kilns to have baghouses installed and no visible emissions from kiln hoods, kilns seals or kiln exhaust ducts (upstream of baghouses). Records to be kept on-site per other conditions of 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 #:**PO0036PC3 Condition 4**	D. Frequency of monitoring: Broken Baghouse Leak Detector monitored during affected source operation 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
C. Method of monitoring: Permittee shall not discharge into atmosphere more than three minutes in one hour darker than Ringelmann No. 1 or 20% opacity. The baghouse is equipped with a CPM 750 baghouse leak detector with alarm indicator when the alarm indicates a leak the kiln operator will do a visual 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): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #:**PO0036PC3 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
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: **03/ 01 /10** (MM/DD/YY) to **02 /28 /11** (MM/DD/YY)

A. Attachment # or Permit Condition #:**PO0036PC3 Condition 6**	D. Frequency of monitoring:
B. Description: Particulate matter limits per VCAPCD Rule 52 and Rule 53 for Kilns 3 and 4.	Annual Stack test- Per Condition 2
	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring: Annual stack testing CARB Method 5. Permit PO0036PC3 Condition 2 is deemed more strict than Rule 52 and Rule 53 so monitoring requirements for that rule meets this requirement (as stated by Po0036PC3 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 #:**PO0036PC3 Condition 7**	D. Frequency of monitoring:
B. Description: Particulate matter limits per VCAPCD Rule 52 and Rule 53 for Kilns 3 and 4. Compliance evaluation Condition. Stating Permit PO0036PC3 Condition 2 is more stringent than Rule 52 and Rule 53 and Condition 2 shall be used for Rule 52 and 53.	Annual- See Attached Source Test Form
	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 PO0036PC3 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 #:**PO0036PC3 Condition 8**	D. Frequency of monitoring:
B. Description: Particulate Matter emission limits and recordkeeping for CAM for Kilns 3 and 4.	Annual- See Attached Source Test Form
	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: **03/ 01 /10** (MM/DD/YY) to **02 /28 /11** (MM/DD/YY)

A. Attachment # or Permit Condition #:**PO0036PC3 Condition 9**	D. Frequency of monitoring: Monthly Report to VCAPCD
B. Description: Monthly report submittal of clay processed, baghouse temperature, and Broken Bag Detector Data	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
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: Recodkeeping and Annual Compliance Statement
B. Description: Rule 26- Standby Feed System Annual certification that the Primary System and the standby raw material system were not run simultaneously.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring: Recordkeeping demonstrating compliance. A control system interlock has been installed to prevent simultaneous operations of these two systems. - Compliance Statement: In this reporting period the standby raw material feed system was not operated simultaneously with the primary raw material 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 #:**PO0036PC5 Condition 1**	D. Frequency of monitoring: Recordkeeping
B. Description: Rule 26- Extrusion Process Using Diesel #2 or Biodiesel only	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
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: **03/ 01 /10** (MM/DD/YY) to **02 /28 /11** (MM/DD/YY)

A. Attachment # or Permit Condition #:**PO0036PC5 Condition 2**	D. Frequency of monitoring: Recordkeeping
B. Description: Rule 26- Extrusion Process Using Diesel #2 or Biodiesel annual use of 150,000 gallons/year	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
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 #:**PO0036PC5 Condition 3**	D. Frequency of monitoring: Recordkeeping
B. Description: Rule 26- Extrusion Process Using Diesel #2 or Biodiesel Recordkeeping for delivery, and use of Diesel # or Biodiesel	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring: Fuel supplier and delivery recordkeeping, as well as monthly usage	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 #:**PO0036PC5 Condition 4**	D. Frequency of monitoring: Monthly
B. Description: Extrusion Process Using Diesel #2 or Biodiesel reporting to VCAPCD monthly of deliveries, amount and supplier.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring: 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: **03/ 01 /10** (MM/DD/YY) to **02 /28 /11** (MM/DD/YY)

A. Attachment # or Permit Condition #:**PO0036PC5 Condition 5**	D. Frequency of monitoring:
B. Description: Rule 26-Extrusion Process Using Diesel #2 or Biodiesel certification fuels shall not exceed 15 ppm sulfur and supplier or site specific testing per delivery	Fuel Delivery Data is attached in Appendix C
	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring: Sulfur testing data or supplier testing data provided in annual certification	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 #:**PO0036PC5 Condition 6**	D. Frequency of monitoring:
B. Description: Extrusion Process Using Biodiesel supplier certification that deliveries meet ASTM D-6751.	Fuel Delivery Data is attached in Appendix C
	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring: Recordkeeping of deliveries. Submittal of data in annual certification.	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 #:**PO0036PC6**	D. Frequency of monitoring:
B. Description: Finish Product moisture content shall be maintained at greater than or equal to 3% moisture by weight.	Quarterly analysis attached in Appendix D
	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring: Quarterly sampling from belts #25 and #26 using current version of ASTM Test Method C 566. Quarterly reports submitted with annual certification.	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: **03/ 01 /10** (MM/DD/YY) to **02 /28 /11** (MM/DD/YY)

A. Attachment # or Permit Condition #:**PO0036PC7 Conditions 1, 2, 5 and 6**	D. Frequency of monitoring:
B. Description: 40 CFR Part 60 Subpart OOO visual dust limits and Monitoring	Quarterly Readings are Attached in Appendix E
	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring: Quarterly dust evaluation of affected sources per applicable emissions limits in Rule 50 and 40 CFR Part 60 Subpart OOO requirements utilizing EPA Method 9 or other test 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 #:**PO0036PC7 Conditions 3 and 4**	D. Frequency of monitoring:
B. Description: Installation and Monitoring of water sprays for fugitive dust control	Water Spray logs are Attached in Appendix F
	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring: Recordkeeping- Log of inspections conducted every two weeks on water spray equipment No applicable equipment was in operation for 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 #:**PO00036PC8 Conditions 1, 2 and 3**	D. Frequency of monitoring:
B. Description: Particulate Matter Emissions for Finish End Baghouse	Annual- See Attached Source Test Form
	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 maintenance. 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: **03/ 01 /10** (MM/DD/YY) to **02 /28 /11** (MM/DD/YY)

A. Attachment # or Permit Condition #:**PO00036PC8 Conditions 4, 5 and 6**	D. Frequency of monitoring: Recordkeeping Daily, Weekly and Quarterly. Attached in Appendix E
B. Description: Particulate Matter Emissions visible emissions limit of 20% for Finish End Baghouse Inspections and Recordkeeping.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring: Recordkeeping of baghouse inspections and maintenance on a daily, weekly and quarterly basis. Logs to be kept on-site for VCAPCD review or 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 Conditions 1, 2, 3, 4, 6, 8, 9, 10, 11**	D. Frequency of monitoring: Annual RATA and source testing. Hourly CEM emissions recordkeeping and lime usage.
B. Description: Sulfur Dioxide (Sox) emissions limits and monitoring for Kilns #3 and #4. Installation and recordkeeping of Sox CEM system and compliance with 7.61 lbs.hr for kiln #3 and 8.28 lbs/hr for Kiln #4 and not exceed 300 ppm by volume. Requires installation of lime injection system as control.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable See Attached Source Test Form Annual RATA
C. Method of monitoring: Install and maintain a Sox CEM system and perform annual RATA and Source Testing. CEM recordkeeping to have hourly and annual Sox emissions calculated. Installation of lime injections system and recordkeeping of hourly lime usage rates. Installation of O2 CEMs so that 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 continuous CEM data provided to VCAQMD
B. Description: Sox real time data access and monthly lime use report	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring: Monthly reports to VCAPCD of the amount and date of lime deliveries. Sox CEM data is provided to VCAPCD by real time modem 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: **03/ 01 /10** (MM/DD/YY) to **02 /28 /11** (MM/DD/YY)

A. Attachment # or Permit Condition #: **Attachment 50- Rule 50 - Opacity Condition 1**	D. Frequency of monitoring:
B. Description: General Applicable Requirements No discharge from any single source air contaminants for period aggregating more than three (3) minutes that are darker in shade than Ringelmann Chart - No 1 as published by the US Bureau of Mines, unless exempted by Rule 50	Annual (compliance certification) and per requirement shown below in Conditions 2,3, and 4 E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring : Routine, periodic surveillance and visual inspections with details per Conditions No 2, # 3., and # 4 Annual Compliance Certification	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:
B. Description: General Applicable Requirements Periodic survey and visual inspections. A record shall be kept of visible emissions other than uncombined water greater than 0 % for periods aggregating more than three (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 hour, permittee shall provide verbal notification to the District within the subsequent 24 hours	Annual (compliance certification) and periodic routine surveys and inspections E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Not applicable
C. Method of monitoring: Periodic surveys and visual inspection. . Records maintained on site and submitted to the District upon request Annual compliance certification	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:
B. Description: General Applicable Requirements On quarterly basis, verify all emission units are complying with Rule 50	Visible Emissions in Appendix E E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Opacity via EPA Method 9 as applicable.
C. Method of monitoring: Submit quarterly compliance verifications with annual compliance certification and shall include a formal survey identifying the date , time, emission unit, and verification that there are no visible emission other than uncombined water greater than zero (0) percent or , as 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 period(s) aggregating more than 3 minutes in any 1 hour equivalent to 20% opacity and greater as determined by a person certified 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: **03/ 01 /10** (MM/DD/YY) to **02 /28 /11** (MM/DD/YY)

A. Attachment # or Permit Condition #: #: **Attachment50Rule 50 Condition 4**	D. Frequency of monitoring:
B. Description: General Applicable Requirements Maintain and implement a Fugitive Dust Reduction Plan (FDRP), The FDRP shall include use of dust suppressant or chemical stabilizer, use of paved area rumble gates or gravel pads to minimize track out, and use of posted speed limits on unpaved haul roads	Annual (compliance certification) and Per FDRP E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable No t applicable
C. Method of monitoring: General Applicable Requirements Annual Compliance certification; Records and Reports shall be maintained at the facility (and submitted to the District upon request). Monitoring, Record keeping and report required by FDRP. Fugitive Dust Plan was prepared prior to June 30, 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:
B. Description: General Applicable Requirements Per Rule 54, for units excluding Kiln No 3 and Kiln no 4, that combust gas or liquid fuels. No discharge of sulfur compounds (that are liquid or gas at standard conditions) in excess of 300 ppm by volume from any combustion operation	Annual (compliance certification) 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, 8,15,16A,16B. as applicable
C. Method of monitoring: Annual compliance certification O2 Monitoring requirement be installed under Rule54.B.1) 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:
B. Description: General Applicable Requirements Rule 54.B.2-36- Sulfur compounds from combustion units excluding Kiln3 and Kiln 4 Sulfur compounds that are gas or liquid at standard condition shall no results in average ground or sea level concentrations at or beyond the property line in excess of 0.254 ppmv averaged over 1 hour or 0.04 ppmv averaged over any 24-hour period Upon District request, determine ground or sea levels concentrations of SO2	Annual (compliance certification) E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Not test requested, If applicable use SO2 via BAAQMD Manual of Procedures
C. Method of monitoring: Annual Compliance Certification This facility is not required to maintain fuel or exhaust analysis to demonstrate compliance with Rule 54B.2 because there are no additional process combustion emission units and Kiln #3 and Kiln #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: **03/ 01 /10** (MM/DD/YY) to **02 /28 /11** (MM/DD/YY)

A. Attachment # or Permit Condition #:**Attachment 64.B.1 Sulfur content gaseous fuels**	D. Frequency of monitoring: Annual (compliance certification)
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 or ASTM D1072-90 or ASTM D4180-88 or ASTM 4084-94 (if applicable)
C. Method of monitoring: Annual compliance certification No testing required if gas is PUC-quality and only Public Utility Commission Regulated Natural Gas is used at this facility. Additional periodic monitoring is not required. Records of natural gas purchase (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: Annual (compliance certification)
B. Description: General Applicable Requirements Rule 64.B.2 Sulfur Content of Fuel-Liquid Fuel Requirements No burning of liquid fuels with a sulfur content in excess of 0.5 percent by weight If only ARB-quality reformulated gasoline or ARB-certified diesel fuel is combusted at the facility, it will be assumed that 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 Not applicable
C. Method of monitoring: Annual compliance certification. Facility only uses ARB –certified liquid fuels and maintains records of the fuels. . If other than ARB-quality reformulated gasoline of ARB-certified diesel fuels is being combusted, the permitted shall obtain the fuel supplier's certification of shall test the sulfur content of the fuel and the Fuel supplier's certification or fuel test per each delivery shall be submitted with annual compliance certifications	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: Annual (compliance certification)
B. Description: General Applicable Requirements Rule 74.6 Solvent cleaning and degreasing Maintain current solvent information Routine surveillance 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 Not applicable
C. Method of monitoring: Annual compliance certification; Maintain current solvent information The facility uses non-ROC and aerosol can solvents exempt per Condition 11 - Only surface cleaners with non-reactive organic compounds (i.e. non-ROCs) are used (citrus oil based). The facility maintains 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: **03/ 01 /10** (MM/DD/YY) to **02 /28 /11** (MM/DD/YY)

A. Attachment # or Permit Condition #:**Attachment 74.11.1 Water Heaters and Boilers**	D. Frequency of monitoring: Annual (compliance certification)
B. Description: General Applicable Requirements Rule 74.211.1 Large Water Heaters and Small Boilers After December 31, 2000 may not install any new unit with a rate heat input capacity of greater than or equal to 75,000 BTU/hr and less than or equal to 400,000 BTU/hr unless it meets certain criteria.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Not applicable
C. Method of monitoring: Annual compliance certification N/A there are no water heaters, boilers, steam generators or process heaters with a rated heat input capacity of greater than 75,000 BTU/hr at this stationary source. May apply to future installation of large water heater or small boilers.	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: Annual (compliance certification)
B. Description: General Applicable Requirements Rule 74.22 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 nanograms 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 Not applicable
C. Method of monitoring: Annual compliance certification Not required. Applicable to potential future installations. Exempt per Condition 3 – All current heaters were installed prior to May 31, 1994.	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: Annual (compliance certification)
B. Description General requirement for Short-term activities Rule 74.1 Abrasive Blasting Routine surveillance and visual inspections and records of abrasive blasting operation	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring: Annual Compliance Certification Visible emission evaluation-Section 92400 of CCR. Maintain abrasive blasting records. No sandblasting operations occurred 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: **03/ 01 /10** (MM/DD/YY) to **02 /28 /11** (MM/DD/YY)

A. Attachment # or Permit Condition #:**Attachment 74.2**	D. Frequency of monitoring: Annual (compliance certification) and routine periodic monitoring
B. Description: Rule 74.2 Architectural Coating he VOC content of architectural coatings shall not exceed the following standards, unless exempt:VOC in flat coatings less than 100 grams/liter ; VOC in nonflat coating <+150 grams/liter of coating, excluding water, exempt compounds and colorant; Voc content of nonflat-high-gloss coatings <+ 250 grams per liter of coating, excluding water , exempt organics and t.	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: Annual compliance certification ; Routine surveillance Periodic inspection of coatings used for containers with volumes > 1 liter and excluding aerosol coatings; Maintain VOC records of inspections and actions taken, including maintain records of VOC content for non-exempt coatings used at the site , if any . Submit information upon 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 Soil Decontamination**	D. Frequency of monitoring: Annual Compliance certification
B. Description: Rule 74.29 Soil Decontamination Operations	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring: Annual Compliance certification 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 #:**Attachment 40CFR61.M**	D. Frequency of monitoring:
B. Description: National Emission Standard for Asbestos	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring: Annual Compliance Certification No asbestos demolition or renovation took place 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

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION
PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: **04/01/17** (MM/DD/YY) to **03/31/18** (MM/DD/YY)

A. Attachment # **40 CFR Part 60, Subpart OOO (4.22.08) Condition #1**	D. Frequency of monitoring:
For equipment installed or modified after April 22, 2008 Description:: No stack emissions from any transfer point on belt conveyor which contain particulate in excess of 0.032 g/dscm.	Upon request of VCAPCD
	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, 17, 9 or 22
C. Method of monitoring: N/A-No uncontrolled stack emission for transfer point	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 # **40 CFR Part 60, Subpart OOO (4.22.08) Condition #2**	D. Frequency of monitoring:
B. Description: Fugitive emissions from belt conveyor transfer points shall not exhibit greater than 7 percent opacity	Routine , periodic visible emission monitoring
	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Not Applicable
C. Method of monitoring: -Submittal of Annual Compliance Certification -Facility records routine periodic 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

A. Attachment # **40 CFR Part 60, Subpart OOO (4.22.08) Condition #3**	D. Frequency of monitoring:
B. Description: Fugitive emissions from a crusher shall not exhibit greater than 12 percent opacity.	Annual certifications
	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
PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: **04/01/17** (MM/DD/YY) to **03/31/18** (MM/DD/YY)

A Attachment # **40 CFR Part 60, Subpart OOO (4.22.08) Condition #4**	D. Frequency of 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 except from a vent. The vent shall comply with the limits of condition #1.	Annual certification; Routine periodic visible emission monitoring
	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Not Applicable
C. Method of monitoring: Annual certification Routine periodic 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

A. Attachment # **40 CFR Part 60, Subpart OOO (4.22.08) Condition #5**	D. Frequency of monitoring:
B. Description: Stack emissions from baghouses controlling emissions from an individual enclosed storage bin shall not exhibit greater than 7 percent opacity.	Annual stack test - See Attached Source Test Form
	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable CARbN%, EPA Methos 9 and/or 22
C. Method of monitoring: -Annual compliance certification 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 # **40 CFR Part 60, Subpart OOO (4.22.08) Condition #6, #7, #8**	D. Frequency of monitoring:
B. Description: #6, Emissions concentration and opacity limits shall not apply to truck dumping of nonmetallic minerals, startup, shutdown or malfunction. #7, The permittee shall maintain records of occurrences and duration of startup, shutdown or malfunction. #8, Upon request by the District, the permittee shall perform emissions tests to determine compliance with the emission limits and opacity requirements.	Annual- certification
	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring: -Annual compliance certification	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: **04/01/17** (MM/DD/YY) to **03/31/18** (MM/DD/YY)

A. Attachment # **40 CFR Part 60, Subpart OOO (4.22.08) Condition #9**	D. Frequency of monitoring:
B. Description: On a monthly basis, the permittee shall inspect all water spray equipment, initiate any necessary repairs within 24 hours and record the date of each inspection and corrective action in a log book.	Annual certification; periodic routine application
	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Annual RATA
C. Method of monitoring: -Annual compliance certification 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 # **40 CFR Part 60, Subpart OOO (4.22.08) Condition #10, #11**	D. Frequency of monitoring: Annual compliance certification
B. Description: #10: A wet scrubber shall be equipped with calibrated continuous monitoring of a) pressure loss of the gas stream and b) scrubbing liquid flow rate. #11, The permittee shall maintain records of the continuous monitoring of the wet scrubber.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Not Applicable
C. Method of monitoring: N/A., no wet scrubbers have been installed after April 22, 2008 Annual compliance certification	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 # **40 CFR Part 60, Subpart OOO (4.22.08) Condition #12**	D. Frequency of monitoring: Routine periodic visible emission monitoring ; annual certification
B. Description: The permittee shall submit written reports to the District of results of all performance tests to demonstrate compliance with emission concentration and opacity limits, including Method 9 and Method 22 observations.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Not Applicable
C. Method of monitoring: Annual compliance certification Logs of routine 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: **04/01/17** (MM/DD/YY) to **03/31/18** (MM/DD/YY)

A. Attachment # **40 CFR Part 60, Subpart OOO (4.22.08) Condition #13**	D. Frequency of monitoring: Annual certificaiton
B. Description: The permittee shall report any change in process material from saturated material to unsaturated 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.
C. Method of monitoring: Annual compliance certification	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 #:	D. Frequency of monitoring:
B. Description:	E.
C. Method of monitoring:	F. Currently in Compliance? (Y or N): _____ G. Compliance Status? (C or I): _____ H. *Excursions, exceedances, or other non-compliance? (Y or N): _____ *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #:	D. Frequency of monitoring:
B. Description:	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable CARB Method 5
C. Method of monitoring:	F. Currently in Compliance? (Y or N): _____ G. Compliance Status? (C or I): _____ H. *Excursions, exceedances, or other non-compliance? (Y or N): _____ *If yes, attach Deviation Summary Form

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION
PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: **04/ 01 /17** (MM/DD/YY) to **03/31 /18** (MM/DD/YY)

A. Attachment # or Permit Condition #: **Attachment 55- Rule 55: Fug. Dust ,Condition 1**	D. Frequency of monitoring:
B. Description: Per Applicable Requirements of Rule 55.B.1 No discharge of fugitive dust from applicable source visible more than 50 feet from the property boundary or more than midway across adjacent roadway	Annual (compliance certification) and routine periodic surveillance
	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring : Routine, periodic surveillance and visual inspections Annual Compliance Certification. Monitoring, Record keeping and report required by Fugitive Dust Reduction Plan FDRP). The FDRP includes use of dust suppressant/ chemical stabilizer, use of paved area or gravel pads to minimize track-out, and use of posted speed limits 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 –Rule 55 -Fug. Dust, Condition 2**	D. Frequency of monitoring:
B. Description: Per General Applicable Requirements Rule 55.B.2 No discharge of fugitive dusts from applicable source such that emission from source creates greater than 20% opacity for more than 3 minutes (cumulative) within 1 hour.	Annual (compliance certification) and periodic inspections..
	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable. Not applicable
C. Method of monitoring: Periodic routine visual inspection. Annual compliance certification	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-Rule 55 Fug. Dust –Condition 3**	D. Frequency of monitoring: Periodic visual inspection and annual compliance certification
B. Description: General Applicable Requirements per Rule 55.B.3 No track-out to extend 25 feet or more in length unless specific control measure is utilized: 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 Not applicable
C. Method of monitoring: Records and periodic inspection. Annual compliance certification	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 /17** (MM/DD/YY) to **03 /31 /18** (MM/DD/YY)

A. Attachment # or Permit Condition #: # **Attachment 55-Rule 55 Fug Dust, Condition 4**	D. Frequency of monitoring:
B. Description: General Applicable Requirements per Rule 55.B.3.b All track-out to be removed at end of each operating day , per conditions in Rule 55 B.3.b	Annual (compliance certification) E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable No t applicable
C. Method of monitoring: General Applicable Requirements Annual Compliance certification; 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.C	D. Frequency of monitoring:
B. Description: General Applicable Requirements per Rule 55.C Per Rule 55C, comply with specific activity requirements as designated in Rule 55C ,for earth –moving, bulk material handling, and truck hauling activities.	Annual (compliance certification) 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, 8,15,16A,16B. as applicable
C. Method of monitoring: Annual compliance certification; 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.E- Recordkeeping – Condition 6	D. Frequency of monitoring:
B. Description: General Applicable Requirements Comply with recordkeeping requirements in 55.E , as applicable	Annual (compliance certification) E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Not applicable
C. Method of monitoring: Annual Compliance Certification 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 /17** (MM/DD/YY) to **03/31 /18** (MM/DD/YY)

A. Attachment # or Permit Condition #:**Attachment 55- Rule 55:Condition 7**	D. Frequency of monitoring: Annual (compliance certification)
B. Description: General Applicable Requirements Per Rule 55, certify on annual basis that all applicable sources of dust at this stationary source are operating in compliance with Rule 55.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring: Annual compliance certification	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 **#:**	D. Frequency of monitoring: Annual (compliance certification)
B. Description: General Applicable Requirements	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Not applicable
	F. Currently in Compliance? (Y or N): _____ G. Compliance Status? (C or I): _____ H. *Excursions, exceedances, or other non-compliance? (Y or N): _____ *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition :	D. Frequency of monitoring: Annual (compliance certification)
B. Description: General Applicable Requirements-	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Not applicable
C	F. Currently in Compliance? (Y or N): _____ G. Compliance Status? (C or I): _____ H. *Excursions, exceedances, or other non-compliance? (Y or N): _____ *If yes, attach Deviation Summary Form

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION
PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: **04/ 01 /17** (MM/DD/YY) to **03/31 /18** (MM/DD/YY)

A. Attachment # or Permit Condition #:**PO00035PC10-rev261-Condition 1**	D. Frequency of monitoring: Annual (compliance certification)
B. Description: General Applicable Requirements 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
C. Method of monitoring: Annual compliance certification;	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 #: **PO00035PC10-rev261-Condition 2**	D. Frequency of monitoring: Annual compliance certification and source test See attached source test summary form
B. Description: General Applicable Requirements Meet Particulate matter (PM) emission limits of Rules 52 and 52 as shown by: 1. by annual source test for PM with Method CARB 5 2. per Rule 26, submit test protocol 30 days prior to test and test report and results to be submitted to APCD within 45 days after test.	E. Source test reference method, if applicable. See Attached Source Test Summary Form Method CARB 5
C. Method of monitoring: Annual compliance certification 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 **#: PO00035PC10-rev261-Condition 3**	D. Frequency of monitoring: Annual (compliance certification)
B. Description Per Rule 26, ,baghouse dust collectors for applicable equipment maintained in good working order and dust handled in enclosed conveyers	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Not applicable
C. Method of monitoring: Annual Compliance Certification 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

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION
PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: **04/ 01 /17** (MM/DD/YY) to **03/31 /18** (MM/DD/YY)

A. Attachment # or Permit Condition #: **PO00035PC10-rev261-Condition 4**	D. Frequency of monitoring:
B. Description: Opacity limits Per Rule 50, no discharge of air contaminants for more than 3 minutes (cumulative) in any hour ta are equal or greater than 20% opacity	Annual (compliance certification and routine periodic monitoring E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring: Annual compliance certification ; Routine surveillance 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 #: **PO00035PC10-rev261-Condition 5**	D. Frequency of monitoring:
B. Description: Daily baghouse pressure drop records,; inspection of access doors, exhaust outlet, screw conveyor for visible emissions, and records to document no visible emission greater than 3 minutes (cumulative) in one hour; compressed air system checks, screw conveyor outlet checks. Weekly cleaning sequence cycle time for Dust collector; compressed airline check; and baghouse inlet duct check for visible emissions, with visible emission records maintained at facility. At least 4 times per year (greater tan 60 day apart) inspection with kilns shut down of filter element and housing, and of screw conveyor	Annual Compliance certification, daily, weekly, quarterly E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring: Annual Compliance certification	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 #: **PO00035PC10-rev261-Condition 6**	D. Frequency of monitoring:
B. Description: Recordkeeping for Raw Mill Bag house To show compliance with Condition 5, keep records of inspections and maintenance in a log that has the date, time and initials of person performing corrective measures. Record date and time of baghouse cleanings.	Annual compliance certification and update log per periodic inspection and maintenance schedules E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring: Annual Compliance Certification; Keep log at facility and available upon request of the District.	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 /17** (MM/DD/YY) to **03 /31 /18** (MM/DD/YY)

A. Attachment # or Permit Condition Permit Condition 00036 PC11 **,Condition 1**	D. Frequency of monitoring:
B. Description: Per section 3 of permit1 Permitted material processed at portable screening plant shall not exceed 1,080 ,000 tons per year	Annual (compliance certification) and operating records
	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring : Routine, periodic surveillance and visual inspections Annual Compliance Certification. Monitoring; Operating 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 #: PO00036PC11 **Condition 2**	D. Frequency of monitoring:
B. Description: Only use of electric Power Electrical power only; no use of diesel engines	Annual (compliance certification) and periodic inspections..
	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable. Not applicable
C. Method of monitoring: The equipment has no diesel engine and is properly connected to plant electrical power source. Annual compliance certification	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 3**	D. Frequency of monitoring: Periodic (at least every 6 months) water content sampling, (dated) and annual compliance certification
B. Description: Water spray or equivalent moisture content control >= 3% by weight Water content samples No track-out to extend 25 feet or more in length unless specific control measure is utilized: 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 Not applicable
C. Method of monitoring: Moisture content results (dated) submitted annul with ACC (Appendix H) Annual compliance certification	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 /17**(MM/DD/YY) to **03/31 /18** (MM/DD/YY)

A. Attachment # or Permit Condition #: #: PO**000PC11, Condition 4**	D. Frequency of monitoring:
B. Description: Initial Method (9 source test Initial EPA Method 9 source test with report submitted to VCAPCD Compliance Division or initial inspection conducted by VCAPCD compliance Division with an EPA Method 9 source test if visible emissions observed (to be completed in District Inspection occurring between March 1 2011 and December 31,	Annual (compliance certification) E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable No visible emission observed
C. Method of monitoring: General Applicable Requirements Annual Compliance certification VCAPCD inspection did not observe visible emissions.	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	D. Frequency of monitoring:
B. Description	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring:	F. Currently in Compliance? (Y or N): _ ____ G. Compliance Status? (C or I): _____ H. *Excursions, exceedances, or other non-compliance? (Y or N): *If yes, attach Deviation Summary Form

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

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION

SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: **04/ 01 /17** (MM/DD/YY) to **03 /31 /18** (MM/DD/YY)

A. Emission Unit Description:			B. Pollutant:
Kiln #3- NOx Compliance Testing (three run average)			NOx
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
2.87 lbs/hr	6.9 lbs/hr PO00036PC2	TRC Stack Test Firm Report Dated October 23,2017	September 8, 2017

A. Emission Unit Description:			B. Pollutant:
Kiln #3- NOx (RATA Results – ppm, dry)			NOx
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
8.67% Relative Accuracy	20% RA	TRC Stack Test Firm Report Dated October 23,2017	September 8, 2017

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:	G. Test Date:
8.67 Relative Accuracy	20% RA	TRC Stack Test Firm Report Dated October 23,2017	September 8,2017

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:
51.7 ppmv	2000 ppmv PO00036PC2	TRC Stack Test Firm Report Dated October 23,2017	September 8, 2018

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION

SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: **04/ 01 /17** (MM/DD/YY) to **03 /31 /18** (MM/DD/YY)

A. Emission Unit Description:			B. Pollutant:
Kiln #3 – CO (RATA Results – ppm – average of test June 21)			CO
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
4.00% Relative Accuracy *Using Applicable Standard	10% RA	TRC Stack Test Firm Report Dated October 23, 2017	September 8, 2017

A. Emission Unit Description:			B. Pollutant:
Kiln #3 – 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:
4.49% Relative Accuracy *Using Applicable Standard	10% RA	TRC Stack Test Firm Report Dated October 23, 2017	September 8, 2017

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:
.0199 gr/dscf	.065 gr/dscf Rule 52	TRC Stack Test Firm Report Dated October 18, 2017	September 6, 2017

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:
3.02 lbs/hr	12.54 lbs/hr Rule 53	TRC Stack Test Firm Report Dated October 18, 2017	September 6, 2017

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION

SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: **04/ 01 /17** (MM/DD/YY) to **03 /31 /18** (MM/DD/YY)

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:
0.218 lbPM/Ton Product	0.2748 lbPM/Ton Product PO00036PC	TRC Stack Test Firm Report Dated October 18, 2017	September 6, 2017

A. Emission Unit Description:			B. Pollutant:
Kiln #3 – 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:
2.00% Relative Accuracy	20%	TRC Stack Test Firm Report Dated October 23,2017	September 8, 2017

A. Emission Unit Description:			B. Pollutant:
Kiln #3 – SO_2 Compliance Testing (three run average)			SO_2
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
2.87 lb/hr	7.61 lb/hr PO00036PC9	TRC Stack Test Firm Report Dated October 18, 2017	September 8, 2017

A. Emission Unit Description:			B. Pollutant:
Kiln #3 – SO_2 (RATA Results - ppm, dry)			SO_2
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
5.21% Relative Accuracy	20% RA	TRC Stack Test Firm Report Dated October 23, 2017	September 8, 2017

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION

SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: **04/ 01 /17** (MM/DD/YY) to **03 /31 /18** (MM/DD/YY)

A. Emission Unit Description:			B. Pollutant:
Kiln #3 – SO_2 (RATA Results – lb/hr)			SO_2
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
6.32% Relative Accuracy	20% RA	TRC Stack Test Firm Report Dated October 23, 2017	September 8, 2017

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:
3.57 lb/hr	5.6 lb/hr PO00036PC2	TRC Stack Test Firm Report Dated October 18, 2017	September 8, 2017

A. Emission Unit Description:			B. Pollutant:
Kiln #4 – NOx (RATA Results – ppm, dry)			NOx
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
10.14% Relative Accuracy	20% RA	TRC Stack Test Firm Report Dated October 23, 2017	September 8, 2017

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:
15.64% Relative Accuracy	20% RA	TRC Stack Test Firm Report Dated October 23, 2017	September 8, 2017

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION

SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: **04/ 01 /17** (MM/DD/YY) to **03 /31 /18** (MM/DD/YY)

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:
49.0 ppmv	2000 ppmv PO00036PC2	TRC Stack Test Firm Report Dated October 18, 2017	September 8, 2017

A. Emission Unit Description:			B. Pollutant:
Kiln #4 – CO (RATA Results – ppm, dry)			CO
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
0.60% Relative Accuracy	10% RA	TRC Stack Test Firm Report Dated October 23, 2017	September 8, 2017

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:
7.40% Relative Accuracy	10% RA	TRC Stack Test Firm Report Dated October 23, 2017	September 8, 2017

A. Emission Unit Description:			B. Pollutant:
Kiln #4 – SO_2 Compliance Testing (Three run average)			SO_2
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
4.17 lb/hr	8.28 lbs/hr PO000PC9	TRC Stack Test Firm Report Dated October 18, 2017	September 8, 2017

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION

SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: **04/ 01 /17** (MM/DD/YY) to **03 /31 /18** (MM/DD/YY)

A. Emission Unit Description:			B. Pollutant:
Kiln #4 – SO_2 (RATA Results – ppm, dry)			SO_2
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
4.91% Relative Accuracy	20% RA	TRC Stack Test Firm Report Dated October 23, 2017	September 8, 2017

A. Emission Unit Description:			B. Pollutant:
Kiln #4 – SO_2 (RATA Results – lb/hr)			SO_2
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
10.50% Relative Accuracy	20% RA	TRC Stack Test Firm Report Dated October 23, 2017	September 8, 2017

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:
0.0145 gr/dscf	0.072 gr/dscf	TRC Stack Test Firm Report Dated October 18, 2017	September 6, 2017

A. Emission Unit Description:			B. Pollutant:
Kiln #4 – 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:
3.29 lb/hr	21.84 lb/hr	TRC Stack Test Firm Report Dated October 18, 2017	September 6, 2017

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION

SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: **04/ 01 /17** (MM/DD/YY) to **03 /31 /18** (MM/DD/YY)

A. Emission Unit Description:			B. Pollutant:
Kiln #4 – PM Compliance Testing (Three run average)-PCO00036PC3			PM
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
0.184 lbPM/Ton of Product	0.2748 lbPM/Ton of Product	TRC Stack Test Firm Report Dated October 18, 2017	September 6, 2017

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:
5.78% Relative Accuracy	20%	TRC Stack Test Firm Report Dated October 23, 2017	September 7, 2017

A. Emission Unit Description:			B. Pollutant:
Raw Mill 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:
0.0034 gr/dscf	0.081 gr/dscf	TRC Stack Test Firm Report Dated October 18, 2017	October 7, 2017

A. Emission Unit Description:			B. Pollutant:
Raw Mill 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:
0.31 lb/hr	19.75 lb/hr	TRC Stack Test Firm Report Dated October 18, 2017	September 7, 2017

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION

SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: **04/ 01 /17** (MM/DD/YY) to **03 /31 /18** (MM/DD/YY)

A. Emission Unit Description:			B. Pollutant:
Finish Mill 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:
0.0043 gr/dscf	0.17 gr/dscf	TRC Stack Test Firm Report Dated October 18, 2017	September 8, 2017

A. Emission Unit Description:			B. Pollutant:
Finish Mill 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:
0.06 lb/hr	15.35 lb/hr	TRC Stack Test Firm Report Dated October 18, 2017	September 8, 2017

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION
DEVIATION SUMMARY FORM

Period Covered by Compliance Certification: **04/ 01 /17** (MM/DD/YY) to **03 /31 /18**(MM/DD/YY)

A. Attachment # or Permit Condition #:	B. Equipment description:	C. Deviation Period: Date & Time
PO0036PC2 Condition 3	Kiln #3 GM-35 CO CEMS	Begin: 00:21 12/21/17 End: 06:28am 12/21/17 When Discovered: Date & Time 12/8/21/17 at 02:00am
D. Parameters monitored: Kiln #3 CO emissions	E. Limit: 2000ppmvd	F. Actual: Not Applicable
G. Probable Cause of Deviation: **See attached Log**	H. Corrective actions taken: **See attached log**	

A. Attachment # or Permit Condition #:	B. Equipment description:	C. Deviation Period: Date & Time
PO0036PC2 condition 3	Kiln #3 GM-35 CO CEMS	Begin: 8:00am. 12/24/17 End: 14:00pm. 1/47/18 When Discovered: Date & Time 09:00am 12/24/17
D. Parameters monitored: Kiln #3 CO emissions	E. Limit: 2000ppmvd	F. Actual: Not applicable
G. Probable Cause of Deviation: **See attached Log**	H. Corrective actions taken: **See attached Log**	

A. Attachment # or Permit Condition #:	B. Equipment description:	C. Deviation Period: Date & Time
PO0036PC9-condition 6	Kiln #4 – O2 monitor	Begin: 08:00am 2/2/18 End: 12:00pm 2/2/18 When Discovered: Date & Time 8:00am on 2/22018
D. Parameters monitored: Kiln #4 O2 CEMs	E. Limit: **Not Applicable**	F. Actual: **Not applicable**
G. Probable Cause of Deviation: **See attached Log**	H. Corrective actions taken: **See attached Log**	

APPENDIX A

PO0036PC1 Condition #1 and PO0036PC3 Condition #1

General Production and Throughput Data

Raw Material Extruded
Annual Lightweight Aggregate Produced

Daily & Monthly Raw Material Processed (Clay)

April	Extruder #1 (tons)	Hours Run	Total
4/1/2017	580	13.4	580
4/2/2017	636	14.7	636
4/3/2017	485	11.2	485
4/4/2017	489	11.3	489
4/5/2017	242	5.6	242
4/6/2017	342	7.9	342
4/7/2017	221	5.1	221
4/8/2017	394	9.1	394
4/9/2017	290	6.7	290
4/10/2017	234	5.4	234
4/11/2017	260	6	260
4/12/2017	260	6	260
4/13/2017	389	9	389
4/14/2017	337	7.8	337
4/15/2017	264	6.1	264
4/16/2017	298	6.9	298
4/17/2017	424	9.8	424
4/18/2017	311	7.2	311
4/19/2017	342	7.9	342
4/20/2017	264	6.1	264
4/21/2017	394	9.1	394
4/22/2017	303	7	303
4/23/2017	294	6.8	294
4/24/2017	303	7	303
4/25/2017	320	7.4	320
4/26/2017	320	7.4	320
4/27/2017	446	10.3	446
4/28/2017	359	8.3	359
4/29/2017	337	7.8	337
4/30/2017	601	13.9	601
April	10737	248.2	10737

Daily & Monthly Raw Material Processed (Clay)

April	Extruder #1 (tons)	Hours Run	Total
4/1/2017	580	13.4	580
4/2/2017	636	14.7	636
4/3/2017	485	11.2	485
4/4/2017	489	11.3	489
4/5/2017	242	5.6	242
4/6/2017	342	7.9	342
4/7/2017	221	5.1	221
4/8/2017	394	9.1	394
4/9/2017	290	6.7	290
4/10/2017	234	5.4	234
4/11/2017	260	6	260
4/12/2017	260	6	260
4/13/2017	389	9	389
4/14/2017	337	7.8	337
4/15/2017	264	6.1	264
4/16/2017	298	6.9	298
4/17/2017	424	9.8	424
4/18/2017	311	7.2	311
4/19/2017	342	7.9	342
4/20/2017	264	6.1	264
4/21/2017	394	9.1	394
4/22/2017	303	7	303
4/23/2017	294	6.8	294
4/24/2017	303	7	303
4/25/2017	320	7.4	320
4/26/2017	320	7.4	320
4/27/2017	446	10.3	446
4/28/2017	359	8.3	359
4/29/2017	337	7.8	337
4/30/2017	601	13.9	601
April	10737	248.2	10737

May	Extruder #1 (tons)	Hours Run	Total

	5/1/2017	385	8.9	385
	5/2/2017	277	6.4	277
	5/3/2017	688	15.9	688
	5/4/2017	640	14.8	640
	5/5/2017	645	14.9	645
	5/6/2017	619	14.3	619
	5/7/2017	610	14.1	610
	5/8/2017	441	10.2	441
	5/9/2017	545	12.6	545
	5/10/2017	558	12.9	558
	5/11/2017	532	12.3	532
	5/12/2017	247	5.7	247
	5/13/2017	947	21.9	947
	5/14/2017	510	11.8	510
	5/15/2017	480	11.1	480
	5/16/2017	696	16.1	696
	5/17/2017	671	15.5	671
	5/18/2017	554	12.8	554
	5/19/2017	558	12.9	558
	5/20/2017	649	15	649
	5/21/2017	597	13.8	597
	5/22/2017	485	11.2	485
	5/23/2017	515	11.9	515
	5/24/2017	567	13.1	567
	5/25/2017	528	12.2	528
	5/26/2017	329	7.6	329
	5/27/2017	424	9.8	424
	5/28/2017	623	14.4	623
	5/29/2017	337	7.8	337
	5/30/2017	389	9	389
	5/31/2017	342	7.9	342
May		16387	378.8	16387

June	Extruder #1 (tons)	Hours Run	Total
6/1/2017	398	9.2	398
6/2/2017	567	13.1	567
6/3/2017	636	14.7	636
6/4/2017	346	8	346
6/5/2017	320	7.4	320
6/6/2017	255	5.9	255
6/7/2017	337	7.8	337
6/8/2017	298	6.9	298
6/9/2017	0	0	0
6/10/2017	255	5.9	255
6/11/2017	359	8.3	359
6/12/2017	216	5	216
6/13/2017	394	9.1	394
6/14/2017	298	6.9	298
6/15/2017	268	6.2	268
6/16/2017	298	6.9	298
6/17/2017	519	12	519
6/18/2017	601	13.9	601
6/19/2017	523	12.1	523
6/20/2017	601	13.9	601
6/21/2017	489	11.3	489
6/22/2017	632	14.6	632
6/23/2017	523	12.1	523
6/24/2017	562	13	562
6/25/2017	558	12.9	558
6/26/2017	575	13.3	575
6/27/2017	571	13.2	571
6/28/2017	407	9.4	407
6/29/2017	614	14.2	614
6/30/2017	523	12.1	523
June	12948		12948

July	Extruder #1 (tons)	Hours Run	Total

	7/1/2017	567	13.1	567
	7/2/2017	506	11.7	506
	7/3/2017	528	12.2	528
	7/4/2017	640	14.8	640
	7/5/2017	532	12.3	532
	7/6/2017	255	5.9	255
	7/7/2017	424	9.8	424
	7/8/2017	614	14.2	614
	7/9/2017	649	15	649
	7/10/2017	523	12.1	523
	7/11/2017	216	5	216
	7/12/2017	376	8.7	376
	7/13/2017	536	12.4	536
	7/14/2017	662	15.3	662
	7/15/2017	502	11.6	502
	7/16/2017	567	13.1	567
	7/17/2017	372	8.6	372
	7/18/2017	428	9.9	428
	7/19/2017	606	14	606
	7/20/2017	684	15.8	684
	7/21/2017	536	12.4	536
	7/22/2017	424	9.8	424
	7/23/2017	662	15.3	662
	7/24/2017	554	12.8	554
	7/25/2017	649	15	649
	7/26/2017	476	11	476
	7/27/2017	480	11.1	480
	7/28/2017	614	14.2	614
	7/29/2017	636	14.7	636
	7/30/2017	662	15.3	662
	7/31/2017	476	11	476
July		16357	378.1	16357

August	Extruder #1 (tons)	Hours Run	Total
8/1/2017	545	12.6	545
8/2/2017	528	12.2	528
8/3/2017	601	13.9	601
8/4/2017	632	14.6	632
8/5/2017	675	15.6	675
8/6/2017	355	8.2	355
8/7/2017	593	13.7	593
8/8/2017	307	7.1	307
8/9/2017	424	9.8	424
8/10/2017	523	12.1	523
8/11/2017	610	14.1	610
8/12/2017	662	15.3	662
8/13/2017	627	14.5	627
8/14/2017	472	10.9	472
8/15/2017	554	12.8	554
8/16/2017	571	13.2	571
8/17/2017	463	10.7	463
8/18/2017	653	15.1	653
8/19/2017	653	15.1	653
8/20/2017	601	13.9	601
8/21/2017	528	12.2	528
8/22/2017	606	14	606
8/23/2017	558	12.9	558
8/24/2017	658	15.2	658
8/25/2017	558	12.9	558
8/26/2017	562	13	562
8/27/2017	653	15.1	653
8/28/2017	467	10.8	467
8/29/2017	510	11.8	510
8/30/2017	619	14.3	619
8/31/2017	510	11.8	510
August	17278	399.4	17278

September	Extruder #1 (tons)	Hours Run	Total
9/1/2017	696	16.1	696
9/2/2017	688	15.9	688
9/3/2017	186	4.3	186
9/4/2017	0	0	0
9/5/2017	164	3.8	164
9/6/2017	658	15.2	658
9/7/2017	632	14.6	632
9/8/2017	696	16.1	696
9/9/2017	688	15.9	688
9/10/2017	584	13.5	584
9/11/2017	472	10.9	472
9/12/2017	385	8.9	385
9/13/2017	675	15.6	675
9/14/2017	705	16.3	705
9/15/2017	476	11	476
9/16/2017	554	12.8	554
9/17/2017	571	13.2	571
9/18/2017	692	16	692
9/19/2017	95	2.2	95
9/20/2017	718	16.6	718
9/21/2017	748	17.3	748
9/22/2017	562	13	562
9/23/2017	900	20.8	900
9/24/2017	476	11	476
9/25/2017	562	13	562
9/26/2017	536	12.4	536
9/27/2017	645	14.9	645
9/28/2017	640	14.8	640
9/29/2017	692	16	692
9/30/2017	818	18.9	818
September	16915	391	16915

Ocobter	Extruder #1 (tons)	Hours Run	Total

10/1/2017	623	14.4	623
10/2/2017	562	13	562
10/3/2017	627	14.5	627
10/4/2017	614	14.2	614
10/5/2017	623	14.4	623
10/6/2017	601	13.9	601
10/7/2017	601	13.9	601
10/8/2017	645	14.9	645
10/9/2017	532	12.3	532
10/10/2017	554	12.8	554
10/11/2017	260	6	260
10/12/2017	584	13.5	584
10/13/2017	493	11.4	493
10/14/2017	580	13.4	580
10/15/2017	588	13.6	588
10/16/2017	580	13.4	580
10/17/2017	502	11.6	502
10/18/2017	519	12	519
10/19/2017	610	14.1	610
10/20/2017	562	13	562
10/21/2017	558	12.9	558
10/22/2017	567	13.1	567
10/23/2017	705	16.3	705
10/24/2017	420	9.7	420
10/25/2017	398	9.2	398
10/26/2017	523	12.1	523
10/27/2017	606	14	606
10/28/2017	640	14.8	640
10/29/2017	485	11.2	485
10/30/2017	454	10.5	454
10/31/2017	359	8.3	359
October	16975	392.4	16975

November	Extruder #1 (tons)	Hours Run	Total
11/1/2017	688	15.9	688
11/2/2017	562	13	562
11/3/2017	428	9.9	428
11/4/2017	394	9.1	394
11/5/2017	727	16.8	727
11/6/2017	627	14.5	627
11/7/2017	523	12.1	523
11/8/2017	588	13.6	588
11/9/2017	653	15.1	653
11/10/2017	567	13.1	567
11/11/2017	610	14.1	610
11/12/2017	679	15.7	679
11/13/2017	705	16.3	705
11/14/2017	744	17.2	744
11/15/2017	575	13.3	575
11/16/2017	528	12.2	528
11/17/2017	480	11.1	480
11/18/2017	653	15.1	653
11/19/2017	658	15.2	658
11/20/2017	645	14.9	645
11/21/2017	692	16	692
11/22/2017	640	14.8	640
11/23/2017	562	13	562
11/24/2017	528	12.2	528
11/25/2017	688	15.9	688
11/26/2017	437	10.1	437
11/27/2017	545	12.6	545
11/28/2017	489	11.3	489
11/29/2017	510	11.8	510
11/30/2017	532	12.3	532
November	17659	408.2	17659

December	Extruder #1 (tons)	Hours Run	Total

12/1/2017	554	12.8	554
12/2/2017	649	15.0	649
12/3/2017	528	12.2	528
12/4/2017	593	13.7	593
12/5/2017	701	16.2	701
12/6/2017	597	13.8	597
12/7/2017	558	12.9	558
12/8/2017	558	12.9	558
12/9/2017	666	15.4	666
12/10/2017	610	14.1	610
12/11/2017	588	13.6	588
12/12/2017	575	13.3	575
12/13/2017	649	15.0	649
12/14/2017	601	13.9	601
12/15/2017	645	14.9	645
12/16/2017	489	11.3	489
12/17/2017	645	14.9	645
12/18/2017	684	15.8	684
12/19/2017	575	13.3	575
12/20/2017	519	12.0	519
12/21/2017	260	6.0	260
12/22/2017	350	8.1	350
12/23/2017	463	10.7	463
12/24/2017	225	5.2	225
12/25/2017	506	11.7	506
12/26/2017	485	11.2	485
12/27/2017	515	11.9	515
12/28/2017	485	11.2	485
12/29/2017	510	11.8	510
12/30/2017	632	14.6	632
12/31/2017	450	10.4	450
December	16863	389.8	16863

January	Extruder #1 (tons)	Hours Run	Total
1/1/2018	653	15.1	653
1/2/2018	640	14.8	640
1/3/2018	653	15.1	653
1/4/2018	606	14.0	606
1/5/2018	614	14.2	614
1/6/2018	472	10.9	472
1/7/2018	632	14.6	632
1/8/2018	359	8.3	359
1/9/2018	692	16.0	692
1/10/2018	627	14.5	627
1/11/2018	376	8.7	376
1/12/2018	476	11.0	476
1/13/2018	684	15.8	684
1/14/2018	688	15.9	688
1/15/2018	532	12.3	532
1/16/2018	558	12.9	558
1/17/2018	528	12.2	528
1/18/2018	506	11.7	506
1/19/2018	606	14.0	606
1/20/2018	614	14.2	614
1/21/2018	519	12.0	519
1/22/2018	640	14.8	640
1/23/2018	666	15.4	666
1/24/2018	597	13.8	597
1/25/2018	554	12.8	554
1/26/2018	614	14.2	614
1/27/2018	640	14.8	640
1/28/2018	658	15.2	658
1/29/2018	515	11.9	515
1/30/2018	636	14.7	636
1/31/2018	692	16.0	692
January	18247	421.8	18247

February	Extruder #1 (tons)	Hours Run	Total
2/1/2018	580	13.4	580
2/2/2018	515	11.9	515
2/3/2018	541	12.5	541
2/4/2018	229	5.3	229
2/5/2018	212	4.9	212
2/6/2018	653	15.1	653
2/7/2018	766	17.7	766
2/8/2018	614	14.2	614
2/9/2018	450	10.4	450
2/10/2018	649	15.0	649
2/11/2018	558	12.9	558
2/12/2018	519	12.0	519
2/13/2018	485	11.2	485
2/14/2018	649	15.0	649
2/15/2018	696	16.1	696
2/16/2018	554	12.8	554
2/17/2018	549	12.7	549
2/18/2018	541	12.5	541
2/19/2018	562	13.0	562
2/20/2018	320	7.4	320
2/21/2018	623	14.4	623
2/22/2018	601	13.9	601
2/23/2018	554	12.8	554
2/24/2018	610	14.1	610
2/25/2018	662	15.3	662
2/26/2018	281	6.5	281
2/27/2018	0	0.0	0
2/28/2018	355	8.2	355
	0	0.0	0
February	14328	0.0	14328

March	Extruder #1 (tons)	Hours Run	Total
3/1/2018	519	12	519

	3/2/2018	437	10.1	437
	3/3/2018	376	8.7	376
	3/4/2018	696	16.1	696
	3/5/2018	99	2.3	99
	3/6/2018	238	5.5	238
	3/7/2018	623	14.4	623
	3/8/2018	688	15.9	688
	3/9/2018	571	13.2	571
	3/10/2018	584	13.5	584
	3/11/2018	623	14.4	623
	3/12/2018	519	12	519
	3/13/2018	597	13.8	597
	3/14/2018	649	15	649
	3/15/2018	692	16	692
	3/16/2018	614	14.2	614
	3/17/2018	692	16	692
	3/18/2018	601	13.9	601
	3/19/2018	696	16.1	696
	3/20/2018	597	13.8	597
	3/21/2018	601	13.9	601
	3/22/2018	614	14.2	614
	3/23/2018	424	9.8	424
	3/24/2018	493	11.4	493
	3/25/2018	472	10.9	472
	3/26/2018	433	10	433
	3/27/2018	545	12.6	545
	3/28/2018	562	13	562
	3/29/2018	273	6.3	273
	3/30/2018	0	0	0
	3/31/2018	0	0	0
March		15530	347	15530

190223 yearly total

Daily & Monthly Material Produced

April Production	Kiln #3 (tons)	Kiln #4 (tons)	Total
4/1/2017	159	207	366
4/2/2017	180	227	407
4/3/2017	178	225	403
4/4/2017	182	53	234
4/5/2017	74	213	287
4/6/2017	0	227	227
4/7/2017	0	233	233
4/8/2017	0	216	216
4/9/2017	0	214	214
4/10/2017	0	225	225
4/11/2017	0	151	151
4/12/2017	0	195	195
4/13/2017	0	224	224
4/14/2017	0	238	238
4/15/2017	0	221	221
4/16/2017	0	228	228
4/17/2017	0	218	218
4/18/2017	0	232	232
4/19/2017	0	226	226
4/20/2017	0	240	240
4/21/2017	0	226	226
4/22/2017	0	226	226
4/23/2017	0	226	226
4/24/2017	0	224	224
4/25/2017	0	194	194
4/26/2017	0	262	262
4/27/2017	0	306	306
4/28/2017	0	297	297
4/29/2017	0	299	299
4/30/2017	0	289	289
	773	6,762	7,534

12 Month rolling totals

Apr-16	9,868
May-16	11,300
Jun-16	11,955
Jul-16	11,253
Aug-16	11,757
Sep-16	11,792
Oct-16	12,383
Nov-16	11,448
Dec-16	11,362
Jan-17	10,379
Feb-17	4,678
Mar-17	6,892
122,733	**monthy rolling**

	Kiln #3 (tons)	Kiln #4 (tons)	Total		
5/1/2017	0	273	273		
5/2/2017	48	193	242		
5/3/2017	173	261	435		
5/4/2017	178	279	457		
5/5/2017	177	270	447		
5/6/2017	188	173	460		
5/7/2017	196	259	455		
5/8/2017	105	202	307		
5/9/2017	189	274	463		
5/10/2017	192	259	451		
5/11/2017	177	83	260		
5/12/2017	145	274	419		
5/13/2017	191	278	469		
5/14/2017	127	109	236		
5/15/2017	173	272	446		
5/16/2017	199	287	486		
5/17/2017	165	268	434		
5/18/2017	153	278	430		
5/19/2017	137	275	413		
5/20/2017	249	266	440		
5/21/2017	177	274	451		
5/22/2017	66	268	334		
5/23/2017	173	273	447		
5/24/2017	179	186	365		
5/25/2017	126	194	320		
5/26/2017	151	11	162		
5/27/2017	178	55	233		
5/28/2017	182	248	431		
5/29/2017	88	140	227		
5/30/2017	0	257	257		
5/31/2017	0	259	259		
	4,482	6,998	11,509	**122,942**	**monthy rolling**

	Kiln #3 (tons)	Kiln #4 (tons)	Total		
6/1/2017	77	266	343		
6/2/2017	163	262	425		
6/3/2017	256	265	453		
6/4/2017	248	60	240		
6/5/2017	184	0	184		
6/6/2017	170	0	170		
6/7/2017	177	0	177		
6/8/2017	254	0	254		
6/9/2017	36	0	36		
6/10/2017	161	0	161		
6/11/2017	183	0	183		
6/12/2017	191	0	191		
6/13/2017	189	0	189		
6/14/2017	182	0	182		
6/15/2017	174	0	174		
6/16/2017	129	0	129		
6/17/2017	149	157	307		
6/18/2017	177	261	439		
6/19/2017	175	257	432		
6/20/2017	177	257	434		
6/21/2017	171	260	431		
6/22/2017	134	258	392		
6/23/2017	179	249	428		
6/24/2017	180	262	442		
6/25/2017	182	256	438		
6/26/2017	149	244	393		
6/27/2017	169	204	373		
6/28/2017	185	166	350		
6/29/2017	187	237	424		
6/30/2017	181	228	409		
June Total	5,169	4,149	9,183	**120,170**	**monthy rolling**

July Production	Kiln #3 (tons)	Kiln #4 (tons)	Total		
7/1/2017	188	219	407		
7/2/2017	180	222	402		
7/3/2017	186	235	421		
7/4/2017	181	229	410		
7/5/2017	187	225	411		
7/6/2017	154	42	197		
7/7/2017	151	203	354		
7/8/2017	186	233	419		
7/9/2017	171	217	388		
7/10/2017	165	217	383		
7/11/2017	126	144	271		
7/12/2017	189	12	201		
7/13/2017	179	242	421		
7/14/2017	178	250	427		
7/15/2017	146	213	359		
7/16/2017	168	239	408		
7/17/2017	127	168	295		
7/18/2017	174	248	421		
7/19/2017	171	249	419		
7/20/2017	182	252	434		
7/21/2017	191	272	463		
7/22/2017	134	220	354		
7/23/2017	106	250	356		
7/24/2017	182	252	434		
7/25/2017	179	257	436		
7/26/2017	127	256	383		
7/27/2017	171	230	401		
7/28/2017	193	270	464		
7/29/2017	179	267	446		
7/30/2017	218	239	457		
7/31/2017	198	263	461		
July Total	5,267	6,835	12,103	**112,246**	**monthy rolling**

August Production	Kiln #3 (tons)	Kiln #4 (tons)	Total		
8/1/2017	135	250	385		
8/2/2017	136	262	398		
8/3/2017	179	231	410		
8/4/2017	171	202	373		
8/5/2017	153	156	309		
8/6/2017	133	151	284		
8/7/2017	163	212	375		
8/8/2017	170	49	219		
8/9/2017	61	242	303		
8/10/2017	181	264	444		
8/11/2017	168	281	449		
8/12/2017	181	242	422		
8/13/2017	193	259	452		
8/14/2017	181	143	325		
8/15/2017	183	52	235		
8/16/2017	185	242	428		
8/17/2017	157	244	401		
8/18/2017	178	242	421		
8/19/2017	186	253	439		
8/20/2017	183	250	432		
8/21/2017	186	253	438		
8/22/2017	181	237	418		
8/23/2017	184	246	430		
8/24/2017	187	250	437		
8/25/2017	188	231	419		
8/26/2017	108	231	338		
8/27/2017	171	242	413		
8/28/2017	177	237	414		
8/29/2017	125	229	354		
8/30/2017	175	241	416		
8/31/2017	134	172	306		
August Total	5,093	6,796	11,887	**100,734**	**monthy rolling**

September Product	Kiln #3 (tons)	Kiln #4 (tons)	Total		
9/1/2017	112	241	353		
9/2/2017	165	250	416		
9/3/2017	0	105	105		
9/4/2017	0	0	0		
9/5/2017	39	74	112		
9/6/2017	186	229	415		
9/7/2017	184	257	441		
9/8/2017	182	238	419		
9/9/2017	197	264	461		
9/10/2017	144	188	332		
9/11/2017	102	241	343		
9/12/2017	168	262	430		
9/13/2017	176	264	439		
9/14/2017	177	244	422		
9/15/2017	152	211	363		
9/16/2017	130	175	305		
9/17/2017	137	204	341		
9/18/2017	176	169	346		
9/19/2017	75	73	149		
9/20/2017	175	257	431		
9/21/2017	171	254	425		
9/22/2017	179	267	447		
9/23/2017	152	244	396		
9/24/2017	180	267	447		
9/25/2017	111	269	380		
9/26/2017	182	275	457		
9/27/2017	165	250	415		
9/28/2017	187	272	460		
9/29/2017	170	253	424		
9/30/2017	188	273	462		
September Total	4,362	6,570	10,936	**99,878**	**monthy rolling**

October Production	Kiln #3 (tons)	Kiln #4 (tons)	Total		
10/1/2017	168	237	405		
10/2/2017	179	246	425		
10/3/2017	184	252	436		
10/4/2017	181	248	429		
10/5/2017	186	253	439		
10/6/2017	186	255	441		
10/7/2017	183	250	433		
10/8/2017	179	263	443		
10/9/2017	163	252	416		
10/10/2017	165	250	415		
10/11/2017	68	77	145		
10/12/2017	186	178	364		
10/13/2017	170	245	415		
10/14/2017	184	219	403		
10/15/2017	142	246	387		
10/16/2017	189	245	435		
10/17/2017	179	243	422		
10/18/2017	187	244	431		
10/19/2017	178	246	424		
10/20/2017	143	244	388		
10/21/2017	135	243	378		
10/22/2017	193	247	440		
10/23/2017	143	234	376		
10/24/2017	12	246	259		
10/25/2017	102	246	348		
10/26/2017	171	238	410		
10/27/2017	181	243	424		
10/28/2017	176	246	422		
10/29/2017	173	245	418		
10/30/2017	131	246	376		
10/31/2017	140	190	330		
October Total	**4,957**	**7,317**	**12,277**	**99,772**	**monthy rolling**

November Producti	Kiln #3 (tons)	Kiln #4 (tons)	Total		
11/1/2017	114	175	289		
11/2/2017	181	212	393		
11/3/2017	259	0	259		
11/4/2017	194	61	255		
11/5/2017	252	254	451		
11/6/2017	202	248	450		
11/7/2017	192	210	401		
11/8/2017	170	253	422		
11/9/2017	184	241	425		
11/10/2017	185	252	436		
11/11/2017	195	66	260		
11/12/2017	193	251	444		
11/13/2017	192	234	426		
11/14/2017	185	221	406		
11/15/2017	152	219	372		
11/16/2017	125	189	315		
11/17/2017	107	143	250		
11/18/2017	182	224	406		
11/19/2017	184	226	411		
11/20/2017	185	228	413		
11/21/2017	182	197	379		
11/22/2017	183	225	408		
11/23/2017	166	158	324		
11/24/2017	168	148	316		
11/25/2017	167	206	373		
11/26/2017	79	209	288		
11/27/2017	134	149	283		
11/28/2017	162	35	196		
11/29/2017	144	193	337		
11/30/2017	31	200	231		
November Total	**5,049**	**5,627**	**10,619**	**98,943**	**monthy rolling**

December Producti	Kiln #3 (tons)	Kiln #4 (tons)	Total		
12/1/2017	62	228	290		
12/2/2017	180	241	421		
12/3/2017	201	228	429		
12/4/2017	199	266	465		
12/5/2017	188	259	447		
12/6/2017	185	222	407		
12/7/2017	118	253	371		
12/8/2017	180	247	427		
12/9/2017	179	181	360		
12/10/2017	177	244	422		
12/11/2017	178	205	383		
12/12/2017	180	227	407		
12/13/2017	184	233	416		
12/14/2017	170	215	386		
12/15/2017	177	223	400		
12/16/2017	179	226	405		
12/17/2017	177	224	400		
12/18/2017	132	219	350		
12/19/2017	175	202	376		
12/20/2017	177	205	382		
12/21/2017	62	122	184		
12/22/2017	0	112	112		
12/23/2017	0	214	214		
12/24/2017	0	220	220		
12/25/2017	123	222	345		
12/26/2017	100	220	319		
12/27/2017	110	205	315		
12/28/2017	166	42	208		
12/29/2017	136	97	233		
12/30/2017	170	217	387		
12/31/2017	137	206	343		
December Total	**4,402**	**6,425**	**10,824**	**74,877**	**monthy rolling**

January Production	Kiln #3 (tons)	Kiln #4 (tons)	Total		
1/1/2018	169	205	375		
1/2/2018	156	190	346		
1/3/2018	131	185	316		
1/4/2018	155	189	344		
1/5/2018	154	188	342		
1/6/2018	150	182	332		
1/7/2018	153	186	339		
1/8/2018	161	200	361		
1/9/2018	168	211	379		
1/10/2018	160	200	360		
1/11/2018	88	117	205		
1/12/2018	162	201	363		
1/13/2018	164	242	406		
1/14/2018	165	170	336		
1/15/2018	164	205	369		
1/16/2018	119	172	291		
1/17/2018	137	206	343		
1/18/2018	91	213	304		
1/19/2018	86	143	229		
1/20/2018	169	224	394		
1/21/2018	105	228	333		
1/22/2018	168	222	389		
1/23/2018	113	230	344		
1/24/2018	166	220	386		
1/25/2018	170	226	396		
1/26/2018	173	229	402		
1/27/2018	169	225	394		
1/28/2018	173	229	401		
1/29/2018	171	227	398		
1/30/2018	164	236	400		
1/31/2018	180	238	419		
January Total	**4,654**	**6,339**	**10,996**	**99,022**	**monthy rolling**

February Productio	Kiln #3 (tons)	Kiln #4 (tons)	Total		
2/1/2018	179	110	289		
2/2/2018	171	206	377		
2/3/2018	171	240	412		
2/4/2018	27	140	168		
2/5/2018	40	0	40		
2/6/2018	178	214	392		
2/7/2018	193	252	445		
2/8/2018	185	247	432		
2/9/2018	169	231	400		
2/10/2018	178	240	418		
2/11/2018	182	246	428		
2/12/2018	181	246	427		
2/13/2018	181	245	426		
2/14/2018	181	245	427		
2/15/2018	145	206	351		
2/16/2018	175	233	409		
2/17/2018	184	250	434		
2/18/2018	121	161	282		
2/19/2018	188	177	366		
2/20/2018	169	228	397		
2/21/2018	148	193	341		
2/22/2018	154	220	374		
2/23/2018	145	239	384		
2/24/2018	149	227	376		
2/25/2018	154	197	350		
2/26/2018	113	149	261		
2/27/2018	0	0	0		
2/28/2018	0	0	104		
	0	0	0		
February Total	4,061	5,342	9,510	**103,854**	**monthy rolling**

March Production	Kiln #3 (tons)	Kiln #4 (tons)	Total		
3/1/2018	91	132	223		
3/2/2018	144	215	359		
3/3/2018	121	176	297		
3/4/2018	119	239	357		
3/5/2018	31	148	179		
3/6/2018	41	80	121		
3/7/2018	142	223	365		
3/8/2018	154	213	367		
3/9/2018	95	133	229		
3/10/2018	162	229	391		
3/11/2018	162	228	390		
3/12/2018	115	179	295		
3/13/2018	146	233	379		
3/14/2018	164	236	400		
3/15/2018	167	245	412		
3/16/2018	146	250	396		
3/17/2018	174	255	429		
3/18/2018	157	250	408		
3/19/2018	64	250	315		
3/20/2018	157	200	357		
3/21/2018	163	245	408		
3/22/2018	121	229	350		
3/23/2018	0	223	223		
3/24/2018	105	231	336		
3/25/2018	57	230	287		
3/26/2018	0	205	205		
3/27/2018	2	233	235		
3/28/2018	163	242	405		
3/29/2018	75	164	240		
3/30/2018	161	239	400	**43,266**	**monthy rolling**
3/31/2018	162	236	398		
March Total	3,561	6,591	10,156	Yearly total	
			118,760	**Yearly total**	

Power Screen Hours & Production 2017

April	operator			Tons Ran			Total daily	Total Daily	Tons Per.	Total 3/8 cy	
	Bucket count			Grave	Days	Swing	Hours	Production	Hour	bucket	cy
1-Apr				0	0	0	0	0	#DIV/0!		0
2-Apr				0	0	0	0	0	#DIV/0!		0
3-Apr				0	0	0	0	0	#DIV/0!		0
4-Apr				0	0	0	0	0	#DIV/0!		0
5-Apr				0	0	0	0	0	#DIV/0!		0
6-Apr				0	0	0	0	0	#DIV/0!		0
7-Apr				0	0	0	0	0	#DIV/0!		0
8-Apr				0	0	0	0	0	#DIV/0!		0
9-Apr				0	0	0	0	0	#DIV/0!		0
10-Apr				0	0	0	0	0	#DIV/0!		0
11-Apr				0	0	0	0	0	#DIV/0!		0
12-Apr				0	0	0	0	0	#DIV/0!		0
13-Apr				0	0	0	0	0	#DIV/0!		0
14-Apr				0	0	0	0	0	#DIV/0!		0
15-Apr				0	0	0	0	0	#DIV/0!		0
16-Apr				0	0	0	0	0	#DIV/0!		0
17-Apr				0	0	0	0	0	#DIV/0!		0
18-Apr				0	0	0	0	0	#DIV/0!		0
19-Apr				0	0	0	0	0	#DIV/0!		0
20-Apr				0	0	0	0	0	#DIV/0!		0
21-Apr				0	0	0	0	0	#DIV/0!		0
22-Apr				0	0	0	0	0	#DIV/0!		0
23-Apr				0	0	0	0	0	#DIV/0!		0
24-Apr				0	0	0	0	0	#DIV/0!		0
25-Apr				0	0	0	0	0	#DIV/0!		0
26-Apr				0	0	0	0	0	#DIV/0!		0
27-Apr				0	0	0	0	0	#DIV/0!		0
28-Apr				0	0	0	0	0	#DIV/0!		0
29-Apr				0	0	0	0	0	#DIV/0!		0
30-Apr				0	0	0	0	0	#DIV/0!		0
Totals							0	0		0	0

Power Screen Hours & Production 2017

May	operator			Tons Ran			Total daily	Total Daily	Tons Per.	Total 3/8 cy	
	Bucket count			Grave	Days	Swing	Hours	Production	Hour	bucket	cy
1-May				0	0	0	0	0	#DIV/0!		0
2-May				0	0	0	0	0	#DIV/0!		0
3-May				0	0	0	0	0	#DIV/0!		0
4-May				0	0	0	0	0	#DIV/0!		0
5-May				0	0	0	0	0	#DIV/0!		0
6-May				0	0	0	0	0	#DIV/0!		0
7-May				0	0	0	0	0	#DIV/0!		0
8-May				0	0	0	0	0	#DIV/0!		0
9-May				0	0	0	0	0	#DIV/0!		0
10-May				0	0	0	0	0	#DIV/0!		0
11-May				0	0	0	0	0	#DIV/0!		0
12-May				0	0	0	0	0	#DIV/0!		0
13-May				0	0	0	0	0	#DIV/0!		0
14-May				0	0	0	0	0	#DIV/0!		0
15-May				0	0	0	0	0	#DIV/0!		0
16-May				0	0	0	0	0	#DIV/0!		0
17-May				0	0	0	0	0	#DIV/0!		0
18-May				0	0	0	0	0	#DIV/0!		0
19-May				0	0	0	0	0	#DIV/0!		0
20-May				0	0	0	0	0	#DIV/0!		0
21-May				0	0	0	0	0	#DIV/0!		0
22-May				0	0	0	0	0	#DIV/0!		0
23-May				0	0	0	0	0	#DIV/0!		0
24-May				0	0	0	0	0	#DIV/0!		0
25-May				0	0	0	0	0	#DIV/0!		0
26-May				0	0	0	0	0	#DIV/0!		0
27-May				0	0	0	0	0	#DIV/0!		0
28-May				0	0	0	0	0	#DIV/0!		0
29-May				0	0	0	0	0	#DIV/0!		0
30-May				0	0	0	0	0	#DIV/0!		0
31-May				0	0	0	0	0	#DIV/0!		0
Totals							0	0		0	0

Power Screen Hours & Production 2017

June	operator			Tons Ran			Total daily	Total Daily	Tons Per.	Total 3/8 cy	
	Bucket count			Grave	Days	Swing	Hours	Production	Hour	bucket	cy
1-Jun				0	0	0	0	0	#DIV/0!		0
2-Jun				0	0	0	0	0	#DIV/0!		0
3-Jun				0	0	0	0	0	#DIV/0!		0
4-Jun				0	0	0	0	0	#DIV/0!		0
5-Jun				0	0	0	0	0	#DIV/0!		0
6-Jun				0	0	0	0	0	#DIV/0!		0
7-Jun				0	0	0	0	0	#DIV/0!		0
8-Jun				0	0	0	0	0	#DIV/0!		0
9-Jun				0	0	0	0	0	#DIV/0!		0
10-Jun				0	0	0	0	0	#DIV/0!		0
11-Jun				0	0	0	0	0	#DIV/0!		0
12-Jun				0	0	0	0	0	#DIV/0!		0
13-Jun				0	0	0	0	0	#DIV/0!		0
14-Jun				0	0	0	0	0	#DIV/0!		0
15-Jun				0	0	0	0	0	#DIV/0!		0
16-Jun				0	0	0	0	0	#DIV/0!		0
17-Jun				0	0	0	0	0	#DIV/0!		0
18-Jun				0	0	0	0	0	#DIV/0!		0
19-Jun				0	0	0	0	0	#DIV/0!		0
20-Jun				0	0	0	0	0	#DIV/0!		0
21-Jun				0	0	0	0	0	#DIV/0!		0
22-Jun				0	0	0	0	0	#DIV/0!		0
23-Jun				0	0	0	0	0	#DIV/0!		0
24-Jun				0	0	0	0	0	#DIV/0!		0
25-Jun				0	0	0	0	0	#DIV/0!		0
26-Jun				0	0	0	0	0	#DIV/0!		0
27-Jun				0	0	0	0	0	#DIV/0!		0
28-Jun				0	0	0	0	0	#DIV/0!		0
29-Jun				0	0	0	0	0	#DIV/0!		0
30-Jun				0	0	0	0	0	#DIV/0!		0
Totals							0	0		0	0

Power Screen Hours & Production 2017

July	operator			Tons Ran			Total daily	Total Daily	Tons Per.	Total 3/8 cy	
	Bucket count			Grave	Days	Swing	Hours	Production	Hour	bucket	cy
1-Jul				0	0	0	0	0	#DIV/0!		0
2-Jul				0	0	0	0	0	#DIV/0!		0
3-Jul				0	0	0	0	0	#DIV/0!		0
4-Jul				0	0	0	0	0	#DIV/0!		0
5-Jul				0	0	0	0	0	#DIV/0!		0
6-Jul				0	0	0	0	0	#DIV/0!		0
7-Jul				0	0	0	0	0	#DIV/0!		0
8-Jul				0	0	0	0	0	#DIV/0!		0
9-Jul				0	0	0	0	0	#DIV/0!		0
10-Jul				0	0	0	0	0	#DIV/0!		0
11-Jul				0	0	0	0	0	#DIV/0!		0
12-Jul				0	0	0	0	0	#DIV/0!		0
13-Jul				0	0	0	0	0	#DIV/0!		0
14-Jul				0	0	0	0	0	#DIV/0!		0
15-Jul				0	0	0	0	0	#DIV/0!		0
16-Jul				0	0	0	0	0	#DIV/0!		0
17-Jul				0	0	0	0	0	#DIV/0!		0
18-Jul				0	0	0	0	0	#DIV/0!		0
19-Jul				0	0	0	0	0	#DIV/0!		0
20-Jul				0	0	0	0	0	#DIV/0!		0
21-Jul				0	0	0	0	0	#DIV/0!		0
22-Jul				0	0	0	0	0	#DIV/0!		0
23-Jul				0	0	0	0	0	#DIV/0!		0
24-Jul				0	0	0	0	0	#DIV/0!		0
25-Jul				0	0	0	0	0	#DIV/0!		0
26-Jul				0	0	0	0	0	#DIV/0!		0
27-Jul				0	0	0	0	0	#DIV/0!		0
28-Jul				0	0	0	0	0	#DIV/0!		0
29-Jul				0	0	0	0	0	#DIV/0!		0
30-Jul				0	0	0	0	0	#DIV/0!		0
31-Jul				0	0	0	0	0	#DIV/0!		0
Totals							0	0		0	0

Power Screen Hours & Production 2017

August	operator			Tons Ran			Total daily	Total Daily	Tons Per.	Total 3/8 cy	
	Bucket count			Grave	Days	Swing	Hours	Production	Hour	bucket	cy
1-Aug				0	0	0	0	0	#DIV/0!		0
2-Aug				0	0	0	0	0	#DIV/0!		0
3-Aug				0	0	0	0	0	#DIV/0!		0
4-Aug				0	0	0	0	0	#DIV/0!		0
5-Aug				0	0	0	0	0	#DIV/0!		0
6-Aug				0	0	0	0	0	#DIV/0!		0
7-Aug				0	0	0	0	0	#DIV/0!		0
8-Aug				0	0	0	0	0	#DIV/0!		0
9-Aug				0	0	0	0	0	#DIV/0!		0
10-Aug				0	0	0	0	0	#DIV/0!		0
11-Aug				0	0	0	0	0	#DIV/0!		0
12-Aug				0	0	0	0	0	#DIV/0!		0
13-Aug				0	0	0	0	0	#DIV/0!		0
14-Aug				0	0	0	0	0	#DIV/0!		0
15-Aug				0	0	0	0	0	#DIV/0!		0
16-Aug				0	0	0	0	0	#DIV/0!		0
17-Aug				0	0	0	0	0	#DIV/0!		0
18-Aug				0	0	0	0	0	#DIV/0!		0
19-Aug				0	0	0	0	0	#DIV/0!		0
20-Aug				0	0	0	0	0	#DIV/0!		0
21-Aug				0	0	0	0	0	#DIV/0!		0
22-Aug				0	0	0	0	0	#DIV/0!		0
23-Aug				0	0	0	0	0	#DIV/0!		0
24-Aug				0	0	0	0	0	#DIV/0!		0
25-Aug				0	0	0	0	0	#DIV/0!		0
26-Aug				0	0	0	0	0	#DIV/0!		0
27-Aug				0	0	0	0	0	#DIV/0!		0
28-Aug				0	0	0	0	0	#DIV/0!		0
29-Aug				0	0	0	0	0	#DIV/0!		0
30-Aug				0	0	0	0	0	#DIV/0!		0
31-Aug				0	0	0	0	0	#DIV/0!		0
Totals							0	0		0	0

Power Screen Hours & Production 2017

Sept	operator			Tons Ran			Total daily	Total Daily	Tons Per.	Total 3/8 cy	
	Bucket count			Grave	Days	Swing	Hours	Production	Hour	bucket	cy
1-Sep				0	0	0	0	0	#DIV/0!		0
2-Sep				0	0	0	0	0	#DIV/0!		0
3-Sep				0	0	0	0	0	#DIV/0!		0
4-Sep				0	0	0	0	0	#DIV/0!		0
5-Sep				0	0	0	0	0	#DIV/0!		0
6-Sep				0	0	0	0	0	#DIV/0!		0
7-Sep				0	0	0	0	0	#DIV/0!		0
8-Sep				0	0	0	0	0	#DIV/0!		0
9-Sep				0	0	0	0	0	#DIV/0!		0
10-Sep				0	0	0	0	0	#DIV/0!		0
11-Sep				0	0	0	0	0	#DIV/0!		0
12-Sep				0	0	0	0	0	#DIV/0!		0
13-Sep				0	0	0	0	0	#DIV/0!		0
14-Sep				0	0	0	0	0	#DIV/0!		0
15-Sep				0	0	0	0	0	#DIV/0!		0
16-Sep				0	0	0	0	0	#DIV/0!		0
17-Sep				0	0	0	0	0	#DIV/0!		0
18-Sep				0	0	0	0	0	#DIV/0!		0
19-Sep				0	0	0	0	0	#DIV/0!		0
20-Sep				0	0	0	0	0	#DIV/0!		0
21-Sep				0	0	0	0	0	#DIV/0!		0
22-Sep				0	0	0	0	0	#DIV/0!		0
23-Sep				0	0	0	0	0	#DIV/0!		0
24-Sep				0	0	0	0	0	#DIV/0!		0
25-Sep				0	0	0	0	0	#DIV/0!		0
26-Sep				0	0	0	0	0	#DIV/0!		0
27-Sep				0	0	0	0	0	#DIV/0!		0
28-Sep				0	0	0	0	0	#DIV/0!		0
29-Sep				0	0	0	0	0	#DIV/0!		0
30-Sep				0	0	0	0	0	#DIV/0!		0
Totals							0	0		0	0

Power Screen Hours & Production 2017

October	operator			Tons Ran			Total daily	Total Daily	Tons Per.	Total 3/8 cy	
	Bucket count			Grave	Days	Swing	Hours	Production	Hour	bucket	cy
1-Oct				0	0	0	0	0	#DIV/0!		0
2-Oct				0	0	0	0	0	#DIV/0!		0
3-Oct				0	0	0	0	0	#DIV/0!		0
4-Oct				0	0	0	0	0	#DIV/0!		0
5-Oct				0	0	0	0	0	#DIV/0!		0
6-Oct				0	0	0	0	0	#DIV/0!		0
7-Oct				0	0	0	0	0	#DIV/0!		0
8-Oct				0	0	0	0	0	#DIV/0!		0
9-Oct				0	0	0	0	0	#DIV/0!		0
10-Oct				0	0	0	0	0	#DIV/0!		0
11-Oct				0	0	0	0	0	#DIV/0!		0
12-Oct				0	0	0	0	0	#DIV/0!		0
13-Oct				0	0	0	0	0	#DIV/0!		0
14-Oct				0	0	0	0	0	#DIV/0!		0
15-Oct				0	0	0	0	0	#DIV/0!		0
16-Oct				0	0	0	0	0	#DIV/0!		0
17-Oct				0	0	0	0	0	#DIV/0!		0
18-Oct				0	0	0	0	0	#DIV/0!		0
19-Oct				0	0	0	0	0	#DIV/0!		0
20-Oct				0	0	0	0	0	#DIV/0!		0
21-Oct				0	0	0	0	0	#DIV/0!		0
22-Oct				0	0	0	0	0	#DIV/0!		0
23-Oct				0	0	0	0	0	#DIV/0!		0
24-Oct				0	0	0	0	0	#DIV/0!		0
25-Oct				0	0	0	0	0	#DIV/0!		0
26-Oct				0	0	0	0	0	#DIV/0!		0
27-Oct				0	0	0	0	0	#DIV/0!		0
28-Oct				0	0	0	0	0	#DIV/0!		0
29-Oct				0	0	0	0	0	#DIV/0!		0
30-Oct				0	0	0	0	0	#DIV/0!		0
31-Oct				0	0	0	0	0	#DIV/0!		0
Totals							0	0		0	0

Power Screen Hours & Production 2017

Nov	operator Bucket count			Tons Ran Grave	Days	Swing	Total daily Hours	Total Daily Production	Tons Per. Hour	Total 3/8 cy bucket	cy
1-Nov				0	0	0	0	0	#DIV/0!		0
2-Nov				0	0	0	0	0	#DIV/0!		0
3-Nov				0	0	0	0	0	#DIV/0!		0
4-Nov				0	0	0	0	0	#DIV/0!		0
5-Nov				0	0	0	0	0	#DIV/0!		0
6-Nov				0	0	0	0	0	#DIV/0!		0
7-Nov				0	0	0	0	0	#DIV/0!		0
8-Nov				0	0	0	0	0	#DIV/0!		0
9-Nov				0	0	0	0	0	#DIV/0!		0
10-Nov				0	0	0	0	0	#DIV/0!		0
11-Nov				0	0	0	0	0	#DIV/0!		0
12-Nov				0	0	0	0	0	#DIV/0!		0
13-Nov				0	0	0	0	0	#DIV/0!		0
14-Nov				0	0	0	0	0	#DIV/0!		0
15-Nov				0	0	0	0	0	#DIV/0!		0
16-Nov				0	0	0	0	0	#DIV/0!		0
17-Nov				0	0	0	0	0	#DIV/0!		0
18-Nov				0	0	0	0	0	#DIV/0!		0
19-Nov				0	0	0	0	0	#DIV/0!		0
20-Nov				0	0	0	0	0	#DIV/0!		0
21-Nov				0	0	0	0	0	#DIV/0!		0
22-Nov				0	0	0	0	0	#DIV/0!		0
23-Nov				0	0	0	0	0	#DIV/0!		0
24-Nov				0	0	0	0	0	#DIV/0!		0
25-Nov				0	0	0	0	0	#DIV/0!		0
26-Nov				0	0	0	0	0	#DIV/0!		0
27-Nov				0	0	0	0	0	#DIV/0!		0
28-Nov				0	0	0	0	0	#DIV/0!		0
29-Nov				0	0	0	0	0	#DIV/0!		0
30-Nov				0	0	0	0	0	#DIV/0!		0
Totals							0	0		0	0

Power Screen Hours & Production 2017

Dec	operator			Tons Ran			Total daily	Total Daily	Tons Per.	Total 3/8 cy	
	Bucket count			Grave	Days	Swing	Hours	Production	Hour	bucket	cy
1-Dec				0	0	0	0	0	#DIV/0!		0
2-Dec				0	0	0	0	0	#DIV/0!		0
3-Dec				0	0	0	0	0	#DIV/0!		0
4-Dec				0	0	0	0	0	#DIV/0!		0
5-Dec				0	0	0	0	0	#DIV/0!		0
6-Dec				0	0	0	0	0	#DIV/0!		0
7-Dec				0	0	0	0	0	#DIV/0!		0
8-Dec				0	0	0	0	0	#DIV/0!		0
9-Dec				0	0	0	0	0	#DIV/0!		0
10-Dec				0	0	0	0	0	#DIV/0!		0
11-Dec				0	0	0	0	0	#DIV/0!		0
12-Dec				0	0	0	0	0	#DIV/0!		0
13-Dec				0	0	0	0	0	#DIV/0!		0
14-Dec				0	0	0	0	0	#DIV/0!		0
15-Dec				0	0	0	0	0	#DIV/0!		0
16-Dec				0	0	0	0	0	#DIV/0!		0
17-Dec				0	0	0	0	0	#DIV/0!		0
18-Dec				0	0	0	0	0	#DIV/0!		0
19-Dec				0	0	0	0	0	#DIV/0!		0
20-Dec				0	0	0	0	0	#DIV/0!		0
21-Dec				0	0	0	0	0	#DIV/0!		0
22-Dec				0	0	0	0	0	#DIV/0!		0
23-Dec				0	0	0	0	0	#DIV/0!		0
24-Dec				0	0	0	0	0	#DIV/0!		0
25-Dec				0	0	0	0	0	#DIV/0!		0
26-Dec				0	0	0	0	0	#DIV/0!		0
27-Dec				0	0	0	0	0	#DIV/0!		0
28-Dec				0	0	0	0	0	#DIV/0!		0
29-Dec				0	0	0	0	0	#DIV/0!		0
30-Dec				0	0	0	0	0	#DIV/0!		0
31-Dec				0	0	0	0	0	#DIV/0!		0
Totals							0	0		0	0

Power Screen Hours & Production 2018

January	operator			Tons Ran			Total daily	Total Daily	Tons Per.	Total 3/8 cy	
	Bucket count			Grave	Days	Swing	Hours	Production	Hour	bucket	cy
1-Jan				0	0	0	0	0	#DIV/0!		0
2-Jan				0	0	0	0	0	#DIV/0!		0
3-Jan				0	0	0	0	0	#DIV/0!		0
4-Jan				0	0	0	0	0	#DIV/0!		0
5-Jan				0	0	0	0	0	#DIV/0!		0
6-Jan				0	0	0	0	0	#DIV/0!		0
7-Jan				0	0	0	0	0	#DIV/0!		0
8-Jan				0	0	0	0	0	#DIV/0!		0
9-Jan				0	0	0	0	0	#DIV/0!		0
10-Jan				0	0	0	0	0	#DIV/0!		0
11-Jan				0	0	0	0	0	#DIV/0!		0
12-Jan				0	0	0	0	0	#DIV/0!		0
13-Jan				0	0	0	0	0	#DIV/0!		0
14-Jan				0	0	0	0	0	#DIV/0!		0
15-Jan				0	0	0	0	0	#DIV/0!		0
16-Jan				0	0	0	0	0	#DIV/0!		0
17-Jan				0	0	0	0	0	#DIV/0!		0
18-Jan				0	0	0	0	0	#DIV/0!		0
19-Jan				0	0	0	0	0	#DIV/0!		0
20-Jan				0	0	0	0	0	#DIV/0!		0
21-Jan				0	0	0	0	0	#DIV/0!		0
22-Jan				0	0	0	0	0	#DIV/0!		0
23-Jan				0	0	0	0	0	#DIV/0!		0
24-Jan				0	0	0	0	0	#DIV/0!		0
25-Jan				0	0	0	0	0	#DIV/0!		0
26-Jan				0	0	0	0	0	#DIV/0!		0
27-Jan				0	0	0	0	0	#DIV/0!		0
28-Jan				0	0	0	0	0	#DIV/0!		0
29-Jan				0	0	0	0	0	#DIV/0!		0
30-Jan				0	0	0	0	0	#DIV/0!		0
31-Jan				0	0	0	0	0	#DIV/0!		0
Totals				0	0	0	0	0		0	0

Power Screen Hours & Production 2018

February	operator			Tons Ran			Total daily	Total Daily	Tons Per.	Total 3/8 cy	
	Bucket count			Grave	Days	Swing	Hours	Production	Hour	bucket	cy
1-Feb				0	0	0	0	0	#DIV/0!		0
2-Feb				0	0	0	0	0	#DIV/0!		0
3-Feb				0	0	0	0	0	#DIV/0!		0
4-Feb				0	0	0	0	0	#DIV/0!		0
5-Feb				0	0	0	0	0	#DIV/0!		0
6-Feb				0	0	0	0	0	#DIV/0!		0
7-Feb				0	0	0	0	0	#DIV/0!		0
8-Feb				0	0	0	0	0	#DIV/0!		0
9-Feb				0	0	0	0	0	#DIV/0!		0
10-Feb				0	0	0	0	0	#DIV/0!		0
11-Feb				0	0	0	0	0	#DIV/0!		0
12-Feb				0	0	0	0	0	#DIV/0!		0
13-Feb				0	0	0	0	0	#DIV/0!		0
14-Feb				0	0	0	0	0	#DIV/0!		0
15-Feb				0	0	0	0	0	#DIV/0!		0
16-Feb				0	0	0	0	0	#DIV/0!		0
17-Feb				0	0	0	0	0	#DIV/0!		0
18-Feb				0	0	0	0	0	#DIV/0!		0
19-Feb				0	0	0	0	0	#DIV/0!		0
20-Feb				0	0	0	0	0	#DIV/0!		0
21-Feb				0	0	0	0	0	#DIV/0!		0
22-Feb				0	0	0	0	0	#DIV/0!		0
23-Feb				0	0	0	0	0	#DIV/0!		0
24-Feb				0	0	0	0	0	#DIV/0!		0
25-Feb				0	0	0	0	0	#DIV/0!		0
26-Feb				0	0	0	0	0	#DIV/0!		0
27-Feb				0	0	0	0	0	#DIV/0!		0
28-Feb				0	0	0	0	0	#DIV/0!		0
							0	0			
Totals				0	0	0	0	0			0

Power Screen Hours & Production 2018

March	operator			Tons Ran			Total daily	Total Daily	Tons Per.	Total 3/8 cy	
	Bucket count			Grave	Days	Swing	Hours	Production	Hour	bucket	cy
1-Mar				0	0	0	0	0	#DIV/0!		0
2-Mar				0	0	0	0	0	#DIV/0!		0
3-Mar				0	0	0	0	0	#DIV/0!		0
4-Mar				0	0	0	0	0	#DIV/0!		0
5-Mar				0	0	0	0	0	#DIV/0!		0
6-Mar				0	0	0	0	0	#DIV/0!		0
7-Mar				0	0	0	0	0	#DIV/0!		0
8-Mar				0	0	0	0	0	#DIV/0!		0
9-Mar				0	0	0	0	0	#DIV/0!		0
10-Mar				0	0	0	0	0	#DIV/0!		0
11-Mar				0	0	0	0	0	#DIV/0!		0
12-Mar				0	0	0	0	0	#DIV/0!		0
13-Mar				0	0	0	0	0	#DIV/0!		0
14-Mar				0	0	0	0	0	#DIV/0!		0
15-Mar				0	0	0	0	0	#DIV/0!		0
16-Mar				0	0	0	0	0	#DIV/0!		0
17-Mar				0	0	0	0	0	#DIV/0!		0
18-Mar				0	0	0	0	0	#DIV/0!		0
19-Mar				0	0	0	0	0	#DIV/0!		0
20-Mar				0	0	0	0	0	#DIV/0!		0
21-Mar				0	0	0	0	0	#DIV/0!		0
22-Mar				0	0	0	0	0	#DIV/0!		0
23-Mar				0	0	0	0	0	#DIV/0!		0
24-Mar				0	0	0	0	0	#DIV/0!		0
25-Mar				0	0	0	0	0	#DIV/0!		0
26-Mar				0	0	0	0	0	#DIV/0!		0
27-Mar				0	0	0	0	0	#DIV/0!		0
28-Mar				0	0	0	0	0	#DIV/0!		0
29-Mar				0	0	0	0	0	#DIV/0!		0
30-Mar				0	0	0	0	0	#DIV/0!		0
31-Mar				0	0	0	0	0	#DIV/0!		0
Totals				0	0	0	0	0		0	0

APPENDIX B

PO0036PC2 Condition #1

Natural Gas Consumption

Daily & Monthly Natural Gas Useage

March Production	Kiln #3 mcf	Kiln #4 mcf	Main Gas		
4/1/2017	640	605	1245		
4/2/2017	679	648	1327		
4/3/2017	714	633	1347		
4/4/2017	722	203	925		
4/5/2017	238	638	876		
4/6/2017	26	646	672		
4/7/2017	0	692	692		
4/8/2017	8	636	644		
4/9/2017	11	625	636		
4/10/2017	9	650	659		
4/11/2017	2	541	543		
4/12/2017	6	597	603		
4/13/2017	0	674	674		
4/14/2017	20	660	680		
4/15/2017	0	630	630		
4/16/2017	5	661	666		
4/17/2017	2	623	625		
4/18/2017	0	714	714		
4/19/2017	40	599	639		
4/20/2017	8	654	662		
4/21/2017	2	572	574		
4/22/2017	1	660	661		
4/23/2017	1	625	626		
4/24/2017	1	606	607		
4/25/2017	8	552	560		
4/26/2017	5	673	678		
4/27/2017	1	775	776		
4/28/2017	9	783	792		
4/29/2017	6	732	738		
4/30/2017	34	711	745		
5/1/2017	0				
	3,198	19,018	22,216	3.20	19.02

	Kiln #3 mcf	Kiln #4 mcf	Main Gas
5/1/2017	6	773	779
5/2/2017	415	564	979
5/3/2017	734	736	1470
5/4/2017	645	779	1424
5/5/2017	602	549	1151
5/6/2017	938	864	1802
5/7/2017	864	702	1566
5/8/2017	541	595	1136
5/9/2017	765	780	1545
5/10/2017	747	731	1478
5/11/2017	740	398	1138
5/12/2017	628	769	1397
5/13/2017	779	765	1544
5/14/2017	624	482	1106
5/15/2017	719	748	1467
5/16/2017	744	780	1524
5/17/2017	663	770	1433
5/18/2017	603	761	1364
5/19/2017	594	771	1365
5/20/2017	688	763	1451
5/21/2017	696	770	1466
5/22/2017	355	761	1116
5/23/2017	732	781	1513
5/24/2017	681	590	1271
5/25/2017	595	529	1124
5/26/2017	623	172	795
5/27/2017	693	171	864
5/28/2017	691	747	1438
5/29/2017	367	566	933
5/30/2017	0	714	714
5/31/2017	255	503	758

	18,727	20,384	39,111	18.73	20.38
	Kiln #3 mcf	**Kiln #4 mcf**	**Main Gas**		
6/1/2017	504	767	1271		
6/2/2017	713	757	1470		
6/3/2017	814	746	1560		
6/4/2017	794	204	998		
6/5/2017	770	0	770		
6/6/2017	721	0	721		
6/7/2017	904		904		
6/8/2017	808	0	808		
6/9/2017	217	0	217		
6/10/2017	750	0	750		
6/11/2017	817	0	817		
6/12/2017	833	0	833		
6/13/2017	829	0	829		
6/14/2017	802	0	802		
6/15/2017	765	0	765		
6/16/2017	669	85	754		
6/17/2017	696	559	1255		
6/18/2017	774	748	1522		
6/19/2017	780	744	1524		
6/20/2017	778	725	1503		
6/21/2017	745	712	1457		
6/22/2017	558	723	1281		
6/23/2017	709	721	1430		
6/24/2017	786	728	1514		
6/25/2017	803	728	1531		
6/26/2017	709	689	1398		
6/27/2017	747	612	1359		
6/28/2017	777	510	1287		
6/29/2017	765	681	1446		
6/30/2017	863	684	1547		
7/1/2017	0	0	0		
	22,200	12,123	34,323	22.20	12.12

	Kiln #3 mcf	Kiln #4 mcf	Main Gas		
7/1/2017	795	627	1422		
7/2/2017	802	693	1495		
7/3/2017	802	681	1483		
7/4/2017	643	713	1356		
7/5/2017	900	608	1508		
7/6/2017	694	206	900		
7/7/2017	689	650	1339		
7/8/2017	779	707	1486		
7/9/2017	669	686	1355		
7/10/2017	724	648	1372		
7/11/2017	601	434	1035		
7/12/2017	820	120	940		
7/13/2017	761	722	1483		
7/14/2017	759	721	1480		
7/15/2017	687	661	1348		
7/16/2017	756	724	1480		
7/17/2017	646	563	1209		
7/18/2017	791	741	1532		
7/19/2017	773	736	1509		
7/20/2017	812	754	1566		
7/21/2017	801	763	1564		
7/22/2017	681	653	1334		
7/23/2017	607	729	1336		
7/24/2017	796	715	1511		
7/25/2017	797	727	1524		
7/26/2017	622	722	1344		
7/27/2017	776	673	1449		
7/28/2017	863	716	1579		
7/29/2017	896	792	1688		
7/30/2017	897	702	1599		
7/31/2017	895	709	1604	23.53	20.30

	23,534	20,296	43,830		
	Kiln #3 mcf	**Kiln #4 mcf**	**Main Gas**		
8/1/2017	715	779	1494		
8/2/2017	670	689	1359		
8/3/2017	750	764	1514		
8/4/2017	921	672	1593		
8/5/2017	718	538	1256		
8/6/2017	669	526	1195		
8/7/2017	755	635	1390		
8/8/2017	768	247	1015		
8/9/2017	388	774	1162		
8/10/2017	843	785	1628		
8/11/2017	780	813	1593		
8/12/2017	858	765	1623		
8/13/2017	886	778	1664		
8/14/2017	883	478	1361		
8/15/2017	899	275	1174		
8/16/2017	865	756	1621		
8/17/2017	813	757	1570		
8/18/2017	867	757	1624		
8/19/2017	857	775	1632		
8/20/2017	867	771	1638		
8/21/2017	839	742	1581		
8/22/2017	844	739	1583		
8/23/2017	829	731	1560		
8/24/2017	841	738	1579		
8/25/2017	847	713	1560		
8/26/2017	595	700	1295		
8/27/2017	925	743	1668		
8/28/2017	878	724	1602		
8/29/2017	537	684	1221		
8/30/2017	696	722	1418		
8/31/2017	802	719	1521		
	24,405	21,289	45,694	24.41	21.29

	Kiln #3 mcf	Kiln #4 mcf	Main Gas		
9/1/2017	309	415	724		
9/2/2017	724	759	1483		
9/3/2017	0	362	362		
9/4/2017	0	0	0		
9/5/2017	383	403	786		
9/6/2017	730	738	1468		
9/7/2017	720	768	1488		
9/8/2017	705	710	1415		
9/9/2017	727	777	1504		
9/10/2017	593	597	1190		
9/11/2017	462	731	1193		
9/12/2017	691	777	1468		
9/13/2017	664	765	1429		
9/14/2017	697	738	1435		
9/15/2017	692	737	1429		
9/16/2017	600	623	1223		
9/17/2017	627	697	1324		
9/18/2017	689	600	1289		
9/19/2017	382	332	714		
9/20/2017	715	796	1511		
9/21/2017	694	785	1479		
9/22/2017	727	805	1532		
9/23/2017	636	737	1373		
9/24/2017	723	789	1512		
9/25/2017	511	773	1284		
9/26/2017	720	795	1515		
9/27/2017	744	782	1526		
9/28/2017	691	804	1495		
9/29/2017	755	742	1497		
9/30/2017	670	813	1483		
	0				
	17,981	20,150	38,131	17.98	20.15

	Kiln #3 mcf	Kiln #4 mcf	Main Gas
10/1/2017	747	790	1537
10/2/2017	722	762	1484
10/3/2017	725	780	1505
10/4/2017	703	754	1457
10/5/2017	711	745	1456
10/6/2017	695	737	1432
10/7/2017	713	731	1444
10/8/2017	658	719	1377
10/9/2017	648	738	1386
10/10/2017	646	729	1375
10/11/2017	377	403	780
10/12/2017	750	604	1354
10/13/2017	693	706	1399
10/14/2017	768	741	1509
10/15/2017	619	753	1372
10/16/2017	743	750	1493
10/17/2017	711	743	1454
10/18/2017	745	745	1490
10/19/2017	721	740	1461
10/20/2017	632	747	1379
10/21/2017	613	750	1363
10/22/2017	717	743	1460
10/23/2017	596	716	1312
10/24/2017	171	745	916
10/25/2017	479	757	1236
10/26/2017	638	745	1383
10/27/2017	713	734	1447
10/28/2017	703	720	1423
10/29/2017	664	726	1390
10/30/2017	534	735	1269
10/31/2017	607	647	1254

	19,555	22,435	42,597	19.56	22.44
	Kiln #3 mcf	**Kiln #4 mcf**	**Main Gas**		
11/1/2017	525	615	1140		
11/2/2017	730	649	1379		
11/3/2017	777	0	777		
11/4/2017	781	342	1123		
11/5/2017	809	818	1627		
11/6/2017	762	765	1527		
11/7/2017	776	697	1473		
11/8/2017	658	748	1406		
11/9/2017	743	739	1482		
11/10/2017	769	728	1497		
11/11/2017	713	543	1256		
11/12/2017	814	691	1505		
11/13/2017	739	739	1478		
11/14/2017	725	712	1437		
11/15/2017	634	727	1361		
11/16/2017	603	661	1264		
11/17/2017	547	567	1114		
11/18/2017	722	716	1438		
11/19/2017	728	732	1460		
11/20/2017	720	705	1425		
11/21/2017	705	654	1359		
11/22/2017	710	706	1416		
11/23/2017	683	599	1282		
11/24/2017	698	592	1290		
11/25/2017	677	691	1368		
11/26/2017	464	707	1171		
11/27/2017	626	601	1227		
11/28/2017	720	359	1079		
11/29/2017	606	678	1284		
11/30/2017	329	685	1014		
	0	0	0		
	20,493	**19,166**	**39,659**	20.49	19.17

	Kiln #3 mcf	Kiln #4 mcf	Main Gas		
12/1/2017	377	721	1098		
12/2/2017	734	761	1495		
12/3/2017	800	735	1535		
12/4/2017	797	796	1593		
12/5/2017	760	790	1550		
12/6/2017	729	709	1438		
12/7/2017	582	783	1365		
12/8/2017	721	736	1457		
12/9/2017	738	647	1385		
12/10/2017	723	722	1445		
12/11/2017	730	725	1455		
12/12/2017	727	720	1447		
12/13/2017	714	696	1410		
12/14/2017	730	706	1436		
12/15/2017	724	706	1430		
12/16/2017	720	700	1420		
12/17/2017	727	697	1424		
12/18/2017	603	692	1295		
12/19/2017	718	677	1395		
12/20/2017	734	685	1419		
12/21/2017	323	500	823		
12/22/2017	323	500	823		
12/23/2017	53	674	727		
12/24/2017	90	679	769		
12/25/2017	599	650	1249		
12/26/2017	531	660	1191		
12/27/2017	578	631	1209		
12/28/2017	695	211	906		
12/29/2017	582	443	1025		
12/30/2017	674	650	1324		
12/31/2017	605	640	1245	0.61	0.64

	18,764	19,921	38,685		
	Kiln #3 mcf	Kiln #4 mcf	Main Gas		
1/1/2018	663	640	1303		
1/2/2018	682	622	1304		
1/3/2018	604	610	1214		
1/4/2018	684	618	1302		
1/5/2018	683	622	1305		
1/6/2018	689	636	1325		
1/7/2018	678	618	1296		
1/8/2018	701	650	1351		
1/9/2018	690	660	1350		
1/10/2018	692	653	1345		
1/11/2018	555	529	1084		
1/12/2018	700	663	1363		
1/13/2018	700	660	1360		
1/14/2018	695	641	1336		
1/15/2018	687	642	1329		
1/16/2018	573	601	1174		
1/17/2018	629	667	1296		
1/18/2018	499	669	1168		
1/19/2018	428	520	948		
1/20/2018	724	749	1473		
1/21/2018	541	711	1252		
1/22/2018	741	715	1456		
1/23/2018	504	698	1202		
1/24/2018	714	677	1391		
1/25/2018	704	665	1369		
1/26/2018	700	650	1350		
1/27/2018	682	644	1326		
1/28/2018	703	637	1340		
1/29/2018	711	647	1358		
1/30/2018	701	671	1372		
1/31/2018	0	0	0		
	19,657	**19,385**	**39,042**	19.66	19.39

	Kiln #3 mcf	Kiln #4 mcf	Main Gas		
2/1/2018	740	422	1162		
2/2/2018	702	626	1328		
2/3/2018	711	724	1435		
2/4/2018	357	522	879		
2/5/2018	301	153	454		
2/6/2018	765	695	1460		
2/7/2018	757	763	1520		
2/8/2018	754	747	1501		
2/9/2018	706	701	1407		
2/10/2018	731	742	1473		
2/11/2018	732	723	1455		
2/12/2018	720	696	1416		
2/13/2018	745	699	1444		
2/14/2018	728	717	1445		
2/15/2018	628	664	1292		
2/16/2018	732	731	1463		
2/17/2018	549	726	1275		
2/18/2018	748	587	1335		
2/19/2018	750	555	1305		
2/20/2018	726	713	1439		
2/21/2018	649	650	1299		
2/22/2018	665	716	1381		
2/23/2018	589	734	1323		
2/24/2018	638	694	1332		
2/25/2018	708	683	1391		
2/26/2018	570	588	1158		
2/27/2018	193	164	357		
2/28/2018	172	517	689		
	0	0	0		
	0	0	0		
	0	0	0		
	17,766	**17,652**	**35,418**	17.77	17.65

	Kiln #3 mcf	Kiln #4 mcf	Main Gas		
3/1/2018	443	544	987		
3/2/2018	617	670	1287		
3/3/2018	568	585	1153		
3/4/2018	594	712	1306		
3/5/2018	366	569	935		
3/6/2018	382	384	766		
3/7/2018	605	715	1320		
3/8/2018	625	687	1312		
3/9/2018	508	556	1064		
3/10/2018	632	705	1337		
3/11/2018	638	693	1331		
3/12/2018	521	607	1128		
3/13/2018	619	726	1345		
3/14/2018	645	723	1368		
3/15/2018	653	724	1377		
3/16/2018	626	712	1338		
3/17/2018	664	731	1395		
3/18/2018	612	751	1363		
3/19/2018	413	716	1129		
3/20/2018	681	636	1317		
3/21/2018	664	694	1358		
3/22/2018	516	700	1216		
3/23/2018	242	653	895		
3/24/2018	517	670	1187		
3/25/2018	312	666	978		
3/26/2018	-106	633	527		
3/27/2018	192	682	874		
3/28/2018	663	707	1370		
3/29/2018	477	561	1038		
3/30/2018	647	720	1367		
3/31/2018	658	716	1374		
	16,194	**20,548**	**36,742**	16.19	20.55

APPENDIX C

PO0036PC5 Condition #5 and #5

Biodiesel Supply and Delivery Data

Biosoy and Red Dye Diesel Received for 2017

			Bio B-99 Only	Red Dye Diesel Only
	Date Received	Gallons	Raw Tank	Mobile Equipment Tank
Jan-17	1/4/2017	5,600	5,600	
			5,600	
Feb-17	1-Feb			6,969
Feb-17	3-Feb		7,000	
			7,000	6,969
Mar-17	20-Mar			6,726
	22-Mar		6,958	
			6,958	6,726
Apr-17	20-Apr			6,735
				3,735
May-17	2-May		6,440	
	23-May			
May-17	31-May		6,447	6,683
			12,887	6,683
Jun-17	23-Jun			6,929
				6,929
Jul-17	13-Jul		6,917	
			6,917	
Aug-17	8-Aug		6,898	
	15-Aug			7,322
			6,898	7,322
Sep-17	1-Sep		6,913	
Sep-17	29-Sep		6,911	
			13,824	
Oct-17	25-Oct		6,930	
			6,930	
Nov-17				
	3-Nov			6,885
				6,885
Dec-17	1-Dec		6,955	
Dec-17	19-Dec			5,934
			6,955	5,934
	Yearly Total	Biodiesel	73,969	
	Yearly Total	Red diesel	51,183	From June 1,2009 67,052
				44,298

#2 red &
Bio Diesel
General Petroleum
3815 vineyard ave.
Oxnard, Ca 93031
805-983-1219

0

bio analyses

Bio Diesel
General Petroleum
3815 vineyard ave.
Oxnard, Ca 93031
805-983-1219

Goodspeed
11211 G avenue
Hesperia, Ca 92340
1-760-949-3356

Bio Diesel

Biosoy and Red Dye Diesel Received for 2018

			Bio B-99 Only	Red Dye Diesel Only
	Date Received	Gallons	Raw Tank	Mobile Equipment Tank
Jan-18	1/25/2018			6,992
				6,992
Feb-18			6,991	
			6,991	
Mar-18			7,194	
			7,194	

#2 red &
Bio Diesel
General Petroleum
3815 vineyard ave.
Oxnard, Ca 93031
805-983-1219

0

Biodiesel Certificate of Analysis

FM.LAB.001a Biodiesel Certificate of Analysis-REG 20151130

BQ-9000 Producer

Lot Number:	716-90001-170913-T1051	Product Type:	REG-9000/1
Inlet Seal Number:	1664886	OS:	D

ASTM D6751 Analysis of REG-9000® Biodiesel

Property		Value	ASTM D6751 Limit	REG-9000® Limit	Units	Test Method (current revision)
Cloud point:		-2.3 *(28)*	Report	Report	°C *(°F)*	D7397
Free Glycerin:		0.007	0.020, max	0.014	% mass	D6584
Total Glycerin:		0.052	0.240, max	0.16	% mass	D6584
Monoglycerides[1]:		0.171	N/A	0.40, max	% mass	D6584
Diglycerides[1]:		0.000	N/A	0.20, max	% mass	D6584
Triglycerides[1]:		0.000	N/A	0.20, max	% mass	D6584
Water & Sediment:		0.000	0.050, max	0.01	% volume	D2709
Acid Number:		0.28	0.50, max	0.40	mg KOH/g	D664
Visual Inspection[1]:		1 @ 74.9°F	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):		11.3	3, min	6.0	hrs	*EN 15751*
Flash point (closed cup):		179.0	93, min	93	°C	D93
Alcohol Control	Option 1: Methanol	0	0.2, max	0.2	% mass	*EN 14110*
	Option 2: Flashpoint	179	130, min	130	°C	D93
Moisture[1]:		0.008	N/A	0.040, max	% mass	D6304
Cold Soak Filtration:		81	360	200	seconds	D7501
Sulfur:		2.1	15	15	ppm (mg/kg)	D7039
Sodium & Potassium Combined:		0.1 *	5, max	1.5	ppm (mg/kg)	*EN 14538*
Calcium & Magnesium Combined:		0.0 *	5, max	1.5	ppm (mg/kg)	*EN 14538*
Total Contamination[1]:		4.8 *	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:		0.009 *	0.050, max	0.050	% mass	D4530
Sulfated Ash:		0.005 *	0.020, max	0.020	% mass	D874
Kinematic Viscosity at 40 °C:		4.046 *	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:		49.8 *	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: Jameson Deckard (Name) Lab/Quality Coordinator (Title) REG Mason City LLC (Location) 9/14/17 (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.001a Biodiesel Certificate of Analysis-REG 20151130

BQ-9000 Producer

Lot Number:	712-90001-171008-T507B	**Product Type:**	REG-9000/1
Inlet Seal Number:	3189802	**OS:**	D

ASTM D6751 Analysis of REG-9000® Biodiesel

Property		Value	ASTM D6751 Limit	REG-9000® Limit	Units	Test Method (current revision)
Cloud point:		1.9 *(35)*	Report	Report	°C *(°F)*	D7397
Free Glycerin:		0.006	0.020, max	0.014	% mass	D6584
Total Glycerin:		0.068	0.240, max	0.16	% mass	D6584
Monoglycerides[1]:		0.223	N/A	0.40, max	% mass	D6584
Diglycerides[1]:		0.023	N/A	0.20, max	% mass	D6584
Triglycerides[1]:		0.001	N/A	0.20, max	% mass	D6584
Water & Sediment:		0.000	0.050, max	0.01	% volume	D2709
Acid Number:		0.13	0.50, max	0.40	mg KOH/g	D974
Visual Inspection[1]:		1 @71.0°F	N/A	1	Haze rating	D4176, Procedure 2
Relative Density at 60°F[1]:		0.8818	N/A	0.87 – 0.89	N/A	D4052
Oxidation Stability (110 °C):		9.1	3, min	6.0	hrs	*EN 15751*
Flash point (closed cup):		164.5	93, min	93	°C	D93
Alcohol Control	Option 1: Methanol	N/A	0.2, max	0.2	% mass	*EN 14110*
	Option 2: Flashpoint	164.5	130, min	130	°C	D93
Moisture[1]:		0.011	N/A	0.040, max	% mass	D6304
Cold Soak Filtration:		95	360	200	seconds	D7501
Sulfur:		5.0	15	15	ppm (mg/kg)	D5453
Sodium & Potassium Combined:		1.5 *	5, max	1.5	ppm (mg/kg)	*EN 14538*
Calcium & Magnesium Combined:		0.0 *	5, max	1.5	ppm (mg/kg)	*EN 14538*
Total Contamination[1]:		10.2 *	N/A	15,max	mg/L	D7321
Ester Content[1]:		97.0 *	N/A	97, min	% mass	*EN 14103*
Phosphorus:		0.0000 *	0.001, max	0.001	% mass	D4951
Carbon Residue:		0.000 *	0.050, max	0.050	% mass	D4530
Sulfated Ash:		0.005 *	0.020, max	0.020	% mass	D874
Kinematic Viscosity at 40 °C:		4.007 *	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:		51.6 *	47, min	47	N/A	D613

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

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

Prepared by: Ausra Kalesinskas (Name) Quality Assurance Manager (Title) REG Seneca, LLC (Location) 10/09/2017 (Date)

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

Biodiesel Certificate of Analysis

FM.LAB.001a Biodiesel Certificate of Analysis-REG 20151130

BQ-9000 Producer

Lot Number:	716-90001-170720-T1051	**Product Type:**	REG-9000/1
Inlet Seal Number:	1664876	**OS:**	E

ASTM D6751 Analysis of REG-9000® Biodiesel

Property		Value	ASTM D6751 Limit	REG-9000® Limit	Units	Test Method (current revision)
Cloud point:		-2.9 *(27.)*	Report	Report	°C *(°F)*	D7397
Free Glycerin:		0.009	0.020, max	0.014	% mass	D6584
Total Glycerin:		0.044	0.240, max	0.16	% mass	D6584
Monoglycerides[1]:		0.133	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:		0.25	0.50, max	0.40	mg KOH/g	D664
Visual Inspection[1]:		1 @ 73.7°F	N/A	1	Haze rating	D4176, Procedure 2
Relative Density at 60°F[1]:		0.8830	N/A	0.87 – 0.89	N/A	D1298
Oxidation Stability (110 °C):		10.1	3, min	6.0	hrs	*EN 15751*
Flash point (closed cup):		183.0	93, min	93	°C	D93
Alcohol Control	Option 1: Methanol	0	0.2, max	0.2	% mass	*EN 14110*
	Option 2: Flashpoint	183	130, min	130	°C	D93
Moisture[1]:		0.016	N/A	0.040, max	% mass	D6304
Cold Soak Filtration:		93	360	200	seconds	D7501
Sulfur:		2.0	15	15	ppm (mg/kg)	D7039
Sodium & Potassium Combined:		0.2 *	5, max	1.5	ppm (mg/kg)	*EN 14538*
Calcium & Magnesium Combined:		0.0 *	5, max	1.5	ppm (mg/kg)	*EN 14538*
Total Contamination[1]:		7.0 *	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:		0.005 *	0.050, max	0.050	% mass	D4530
Sulfated Ash:		0.005 *	0.020, max	0.020	% mass	D874
Kinematic Viscosity at 40 °C:		4.087 *	1.9-6.0	3.8 – 5.0	$mm^2/sec.$	D445
Copper Corrosion (3 hrs at 50 °C):		1a *	No. 3, max	No. 1a	N/A	D130
Distillation at 90% Recovered:		352 *	360, max	360	°C	D1160
Cetane Number:		49.8 *	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: Jameson Deckard (Name) — Lab/Quality Coordinator (Title) — REG Mason City LLC (Location) — 7/21/17 (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.001a Biodiesel Certificate of Analysis-REG 20151130	BQ-9000 Producer

Lot Number:	710-90001-170223-T26	**Product Type:**	REG-9000/1
Inlet Seal Number:	1329191	**OS:**	D

ASTM D6751 Analysis of REG-9000® Biodiesel

Property		Value	ASTM D6751 Limit	REG-9000® Limit	Units	Test Method (current revision)
Cloud point:		-0.2 *(32)*	Report	Report	°C *(°F)*	D7397
Free Glycerin:		0.005	0.020, max	0.014	% mass	D6584
Total Glycerin:		0.059	0.240, max	0.16	% mass	D6584
Monoglycerides[1]:		0.205	N/A	0.40, max	% mass	D6584
Diglycerides[1]:		0.002	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 @ 74°F	N/A	1	Haze rating	D4176, Procedure 2
Relative Density at 60°F[1]:		0.8840	N/A	0.87 – 0.89	N/A	D1298
Oxidation Stability (110 °C):		9.3	3, min	6.0	hrs	*EN 15751*
Flash point (closed cup):		179.0	93, min	93	°C	D93
Alcohol Control	**Option 1: Methanol**	N/A	0.2, max	0.2	% mass	*EN 14110*
	Option 2: Flashpoint	179	130, min	130	°C	D93
Moisture[1]:		0.009	N/A	0.040, max	% mass	E203
Cold Soak Filtration:		109	360	200	seconds	D7501
Sulfur:		3.2	15	15	ppm (mg/kg)	D7039
Sodium & Potassium Combined:		0.0 *	5, max	1.5	ppm (mg/kg)	*EN 14538*
Calcium & Magnesium Combined:		0.0 *	5, max	1.5	ppm (mg/kg)	*EN 14538*
Total Contamination[1]:		5.1 *	N/A	15,max	mg/L	D7321
Ester Content[1]:		97.3 *	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:		4.496 *	1.9-6.0	3.8 – 5.0	$mm^2/sec.$	D445
Copper Corrosion (3 hrs at 50 °C):		1a *	No. 3, max	No. 1a	N/A	D130
Distillation at 90% Recovered:		352 *	360, max	360	°C	D1160
Cetane Number:		49.5 *	47, min	47	N/A	D613

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

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

Prepared by: Carrie Rahn Lab Technician/REG Albert Lea, LLC 2/24/2017

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.

APPENDIX D

PO0036PC6

Finish Product Moisture Data

Frazier Park

17410 E. Lockwood Valley Road Frazier Park CA. 93225 661-245-3736

ASTM Light Weight Analysis

Trinity Frazier Park

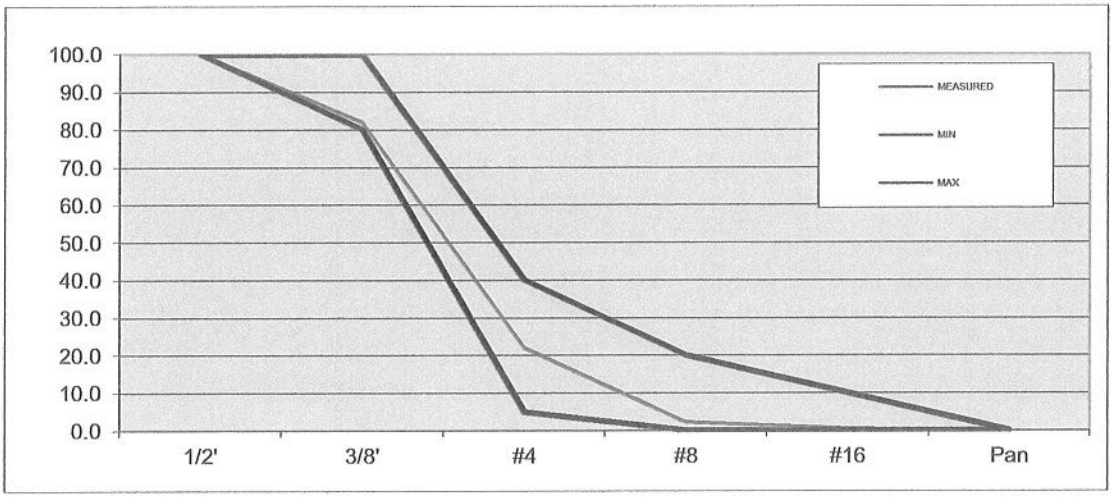
Ticket # Stacker

Sampler JJ

Date: 04/27/17

Time 11AM

Customer Trinity



Sieve	MEASURED WEIGHTS	MEASURED C%R	MEASURED C%P	Target MIN	Target MAX
1/2'	0.0	0.0	100.0	100.0	100.0
3/8'	98.0	18.1	81.9	80.0	100.0
#4	422.0	78.0	22.0	5.0	40.0
#8	529.0	97.8	2.2	0.0	20.0
#16	538.0	99.4	0.6	0.0	10.0
Pan	541.0	100.0	0.0	0.0	0.0

% MOISTURE	24.6				
Gross Weight	1670	Tare Weight	1395	Sp. Gravity	1.69
Bucket Weight	52	Lab B/W			
Wet Weight	674				
Dry Weight	541				

Frazier Park

17410 E. Lockwood Valley Road Frazier Park CA. 93225 661-245-3736

ASTM Light Weight Analysis

Trinity Frazier Park

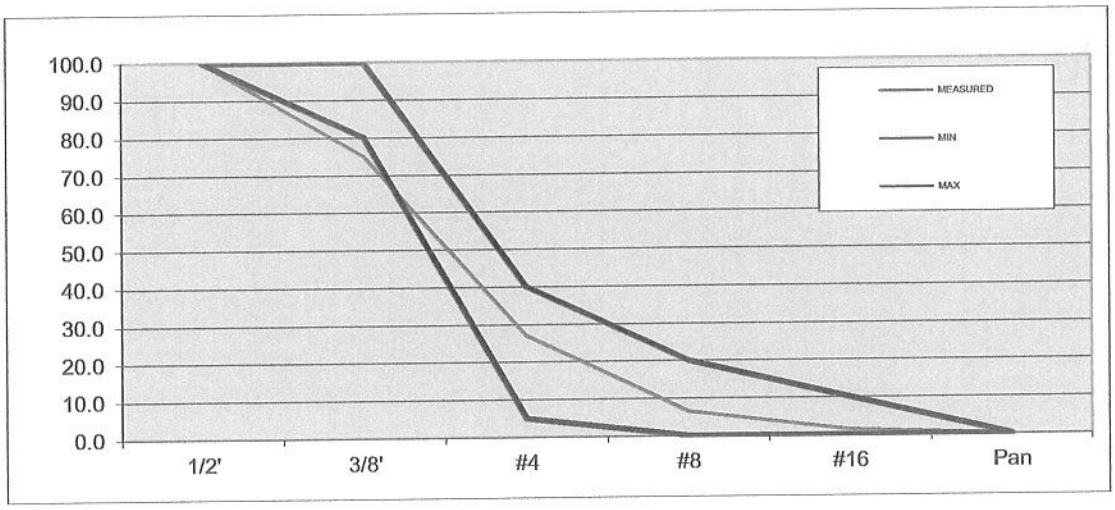
Ticket # Stacker

Sampler JJ

Date: 05/02/17

Time 7AM

Customer Trinity



Sieve	MEASURED WEIGHTS	MEASURED C%R	MEASURED C%P	Target MIN	Target MAX
1/2'	0.0	0.0	100.0	100.0	100.0
3/8'	146.0	25.0	75.0	80.0	100.0
#4	427.0	73.0	27.0	5.0	40.0
#8	547.0	93.5	6.5	0.0	20.0
#16	577.0	98.6	1.4	0.0	10.0
Pan	585.0	100.0	0.0	0.0	0.0

% MOISTURE	15.0				
Gross Weight	1670	Tare Weight	1395	Sp. Gravity	1.69
Bucket Weight	53	Lab B/W			
Wet Weight	673				
Dry Weight	585				

Frazier Park

17410 E. Lockwood Valley Road Frazier Park CA. 93225 661-245-3736

ASTM Light Weight Analysis

Trinity Frazier Park

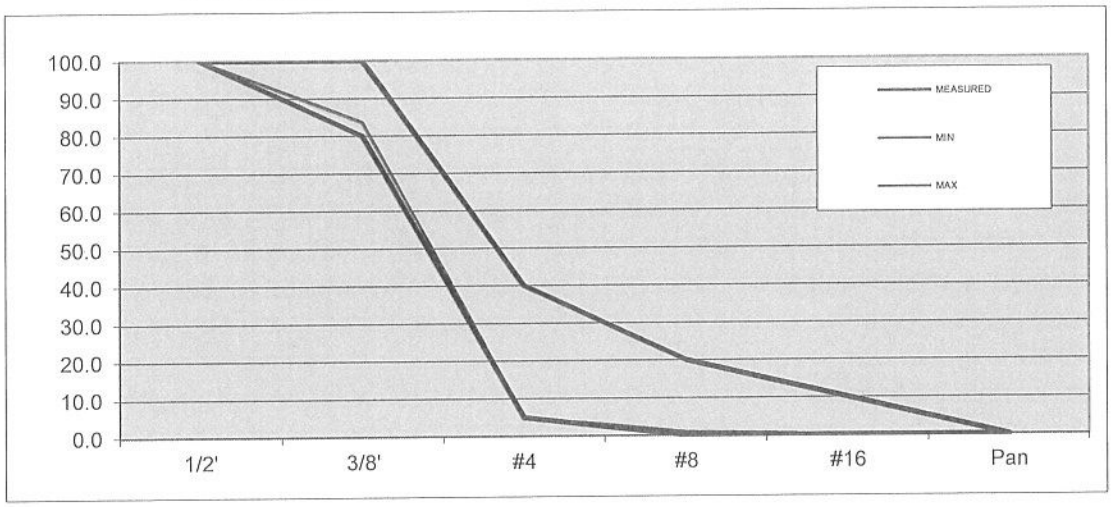
Ticket # Stacker

Sampler JJ

Date: 06/09/17

Time 7AM

Customer Trinity



Sieve	MEASURED WEIGHTS	MEASURED C%R	MEASURED C%P	Target MIN	Target MAX
1/2'	0.0	0.0	100.0	100.0	100.0
3/8'	89.0	16.3	83.7	80.0	100.0
#4	518.0	94.9	5.1	5.0	40.0
#8	541.0	99.1	0.9	0.0	20.0
#16	545.0	99.8	0.2	0.0	10.0
Pan	546.0	100.0	0.0	0.0	0.0

% MOISTURE	21.8				
Gross Weight	1666		Tare Weight	1395	Sp. Gravity 1.69
Bucket Weight	47		Lab B/W		
Wet Weight	665				
Dry Weight	546				

Frazier Park

17410 E. Lockwood Valley Road Frazier Park CA. 93225 661-245-3736

ASTM Light Weight Analysis

Trinity Frazier Park

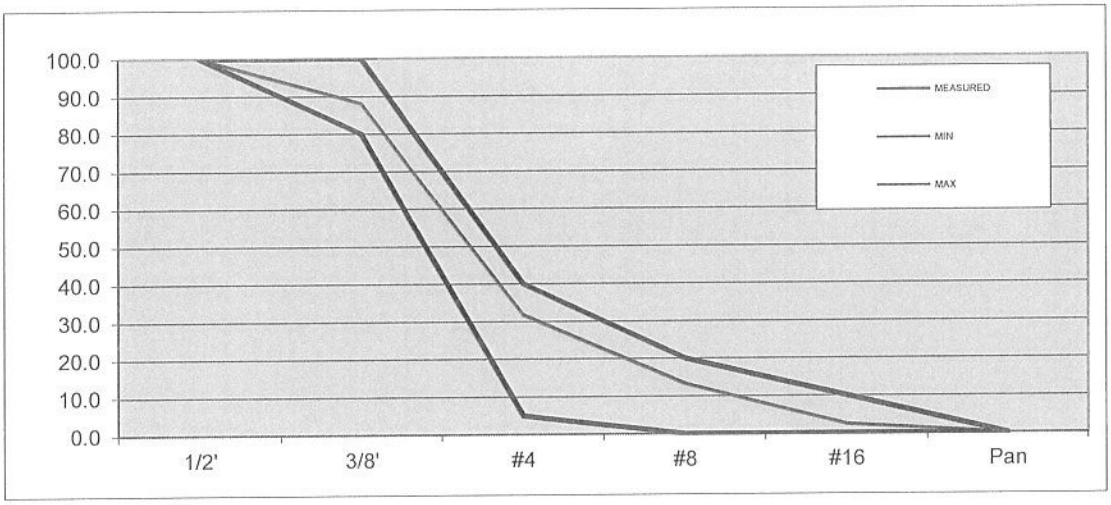
Ticket # Stacker

Sampler JJ

Date: 07/13/17

Time 7AM

Customer Trinity



Sieve	MEASURED WEIGHTS	MEASURED C%R	MEASURED C%P	Target MIN	Target MAX
1/2'	0.0	0.0	100.0	100.0	100.0
3/8'	69.0	11.9	88.1	80.0	100.0
#4	395.0	68.2	31.8	5.0	40.0
#8	502.0	86.7	13.3	0.0	20.0
#16	565.0	97.6	2.4	0.0	10.0
Pan	579.0	100.0	0.0	0.0	0.0

% MOISTURE	18.8				
Gross Weight	1679	Tare Weight	1395	Sp. Gravity	1.70
Bucket Weight	51.5	Lab B/W			
Wet Weight	688				
Dry Weight	579				

Frazier Park

17410 E. Lockwood Valley Road Frazier Park CA. 93225 661-245-3736

ASTM Light Weight Analysis

Trinity Frazier Park

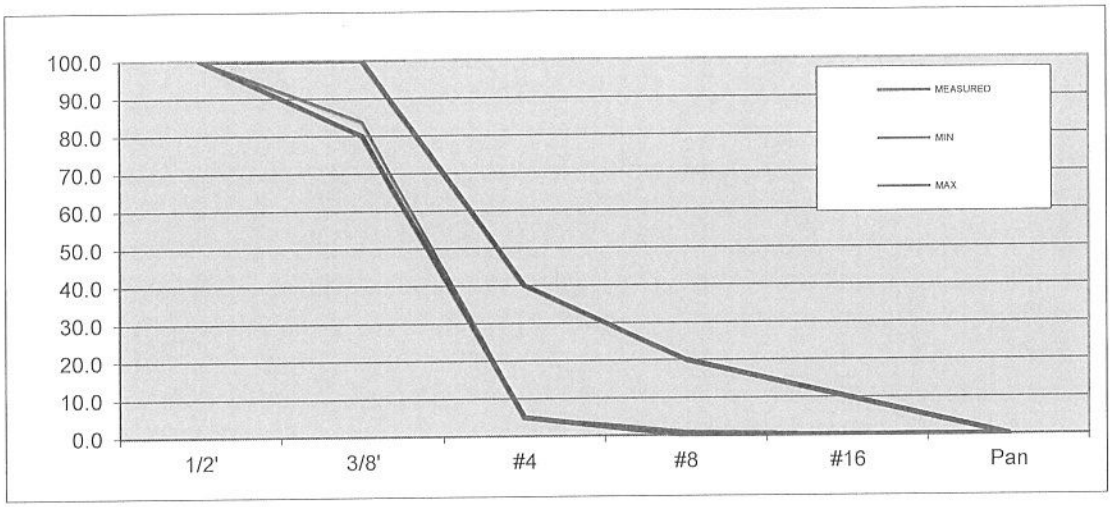
Ticket # Stacker

Sampler JJ

Date: 08/07/17

Time 7AM

Customer Trinity



Sieve	MEASURED WEIGHTS	MEASURED C%R	MEASURED C%P	Target MIN	Target MAX
1/2'	0.0	0.0	100.0	100.0	100.0
3/8'	89.0	16.3	83.7	80.0	100.0
#4	518.0	94.9	5.1	5.0	40.0
#8	541.0	99.1	0.9	0.0	20.0
#16	545.0	99.8	0.2	0.0	10.0
Pan	546.0	100.0	0.0	0.0	0.0

% MOISTURE	21.8				
Gross Weight	1666		Tare Weight	1395	Sp. Gravity 1.69
Bucket Weight	47		Lab B/W		
Wet Weight	665				
Dry Weight	546				

Frazier Park

17410 E. Lockwood Valley Road Frazier Park CA. 93225 661-245-3736

ASTM Light Weight Analysis

Trinity Frazier Park

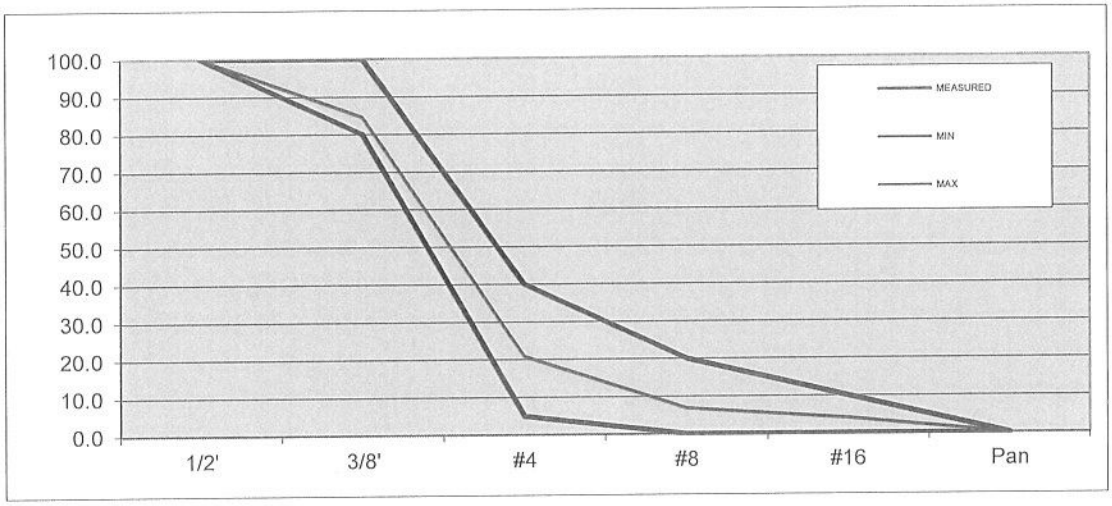
Ticket # Stacker

Sampler JJ

Date: 09/15/17

Time 7AM

Customer Trinity



Sieve	MEASURED WEIGHTS	MEASURED C%R	MEASURED C%P	Target MIN	Target MAX
1/2'	0.0	0.0	100.0	100.0	100.0
3/8'	88.0	15.4	84.6	80.0	100.0
#4	454.0	79.2	20.8	5.0	40.0
#8	534.0	93.2	6.8	0.0	20.0
#16	550.0	96.0	4.0	0.0	10.0
Pan	573.0	100.0	0.0	0.0	0.0

% MOISTURE	18.7				
Gross Weight	1673	Tare Weight	1395	Sp. Gravity	1.69
Bucket Weight	49.5	Lab B/W			
Wet Weight	680				
Dry Weight	573				

Frazier Park

17410 E. Lockwood Valley Road Frazier Park CA. 93225 661-245-3736

ASTM Light Weight Analysis

Trinity Frazier Park

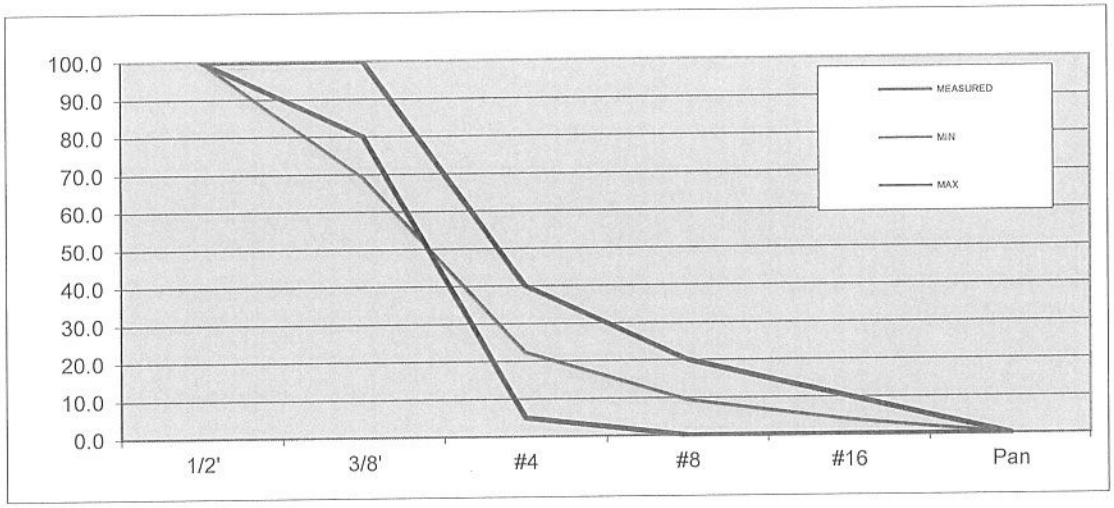
Ticket # Stacker

Sampler JJ

Date: 10/17/17

Time 7AM

Customer Trinity



Sieve	MEASURED WEIGHTS	MEASURED C%R	MEASURED C%P	Target MIN	Target MAX
1/2'	0.0	0.0	100.0	100.0	100.0
3/8'	175.0	31.0	69.0	80.0	100.0
#4	439.0	77.7	22.3	5.0	40.0
#8	512.0	90.6	9.4	0.0	20.0
#16	543.0	96.1	3.9	0.0	10.0
Pan	565.0	100.0	0.0	0.0	0.0

% MOISTURE	18.8				
Gross Weight	1672	Tare Weight	1395	Sp. Gravity	1.70
Bucket Weight	47	Lab B/W			
Wet Weight	671				
Dry Weight	565				

Frazier Park

17410 E. Lockwood Valley Road Frazier Park CA. 93225 661-245-3736

ASTM Light Weight Analysis

Trinity Frazier Park

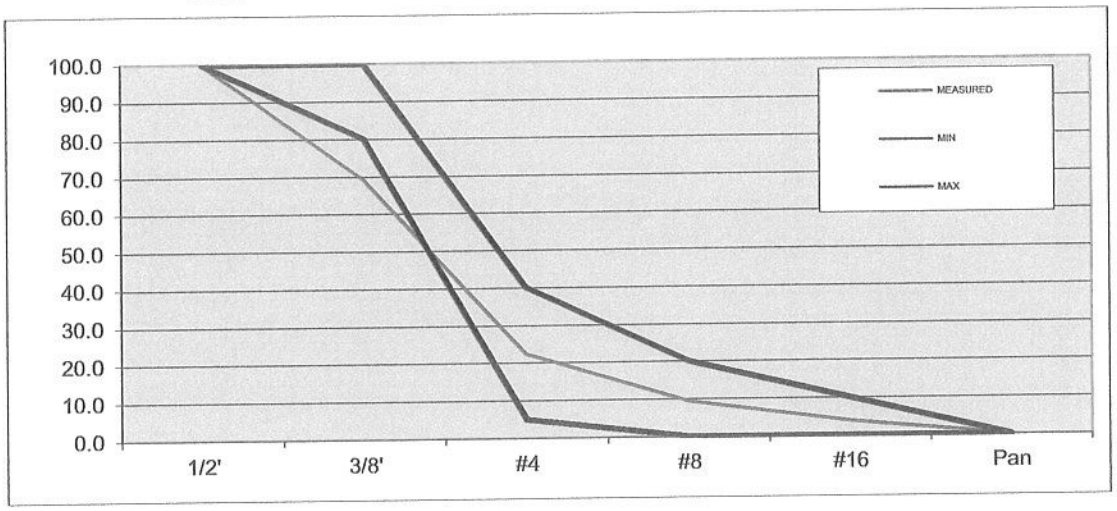
Ticket # Stacker

Sampler JJ

Date: 11/18/17

Time 7AM

Customer Trinity



Sieve	MEASURED WEIGHTS	MEASURED C%R	MEASURED C%P	Target MIN	Target MAX
1/2'	0.0	0.0	100.0	100.0	100.0
3/8'	175.0	31.0	69.0	80.0	100.0
#4	439.0	77.7	22.3	5.0	40.0
#8	512.0	90.6	9.4	0.0	20.0
#16	543.0	96.1	3.9	0.0	10.0
Pan	565.0	100.0	0.0	0.0	0.0

% MOISTURE	18.8				
Gross Weight	1672	Tare Weight	1395	Sp. Gravity	1.70
Bucket Weight	47	Lab B/W			
Wet Weight	671				
Dry Weight	565				

Frazier Park

17410 E. Lockwood Valley Road Frazier Park CA. 93225 661-245-3736

ASTM Light Weight Analysis

Trinity Frazier Park

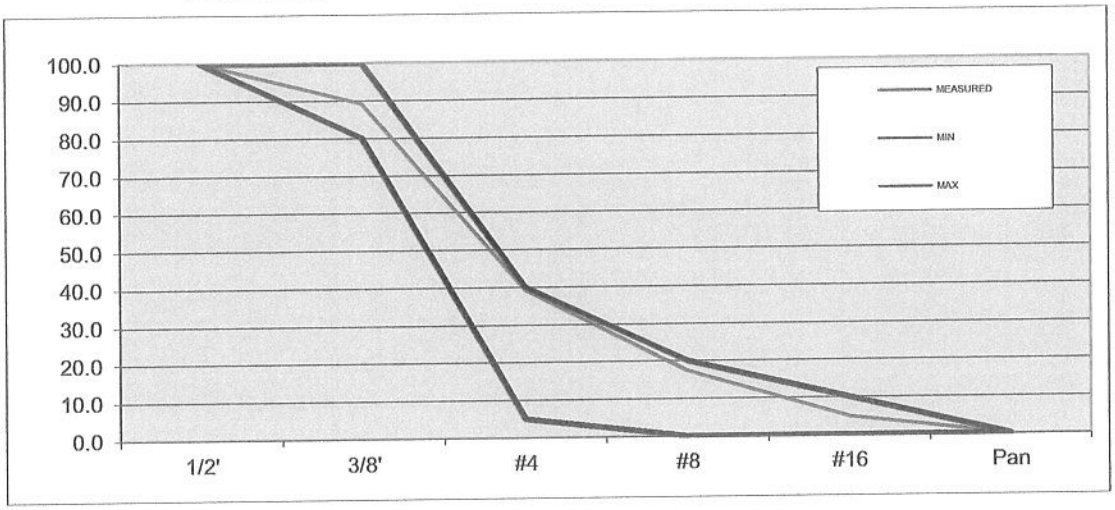
Ticket # Stacker

Sampler JJ

Date: 12/14/17

Time 9AM

Customer Trinity



Sieve	MEASURED WEIGHTS	MEASURED C%R	MEASURED C%P	Target MIN	Target MAX
1/2'	0.0	0.0	100.0	100.0	100.0
3/8'	64.0	10.8	89.2	80.0	100.0
#4	359.0	60.7	39.3	5.0	40.0
#8	488.0	82.6	17.4	0.0	20.0
#16	562.0	95.1	4.9	0.0	10.0
Pan	591.0	100.0	0.0	0.0	0.0

% MOISTURE	15.4				
Gross Weight	1674	Tare Weight	1395	Sp. Gravity	1.69
Bucket Weight	46.5	Lab B/W			
Wet Weight	682				
Dry Weight	591				

Frazier Park

17410 E. Lockwood Valley Road Frazier Park CA. 93225 661-245-3736

ASTM Light Weight Analysis

Trinity Frazier Park

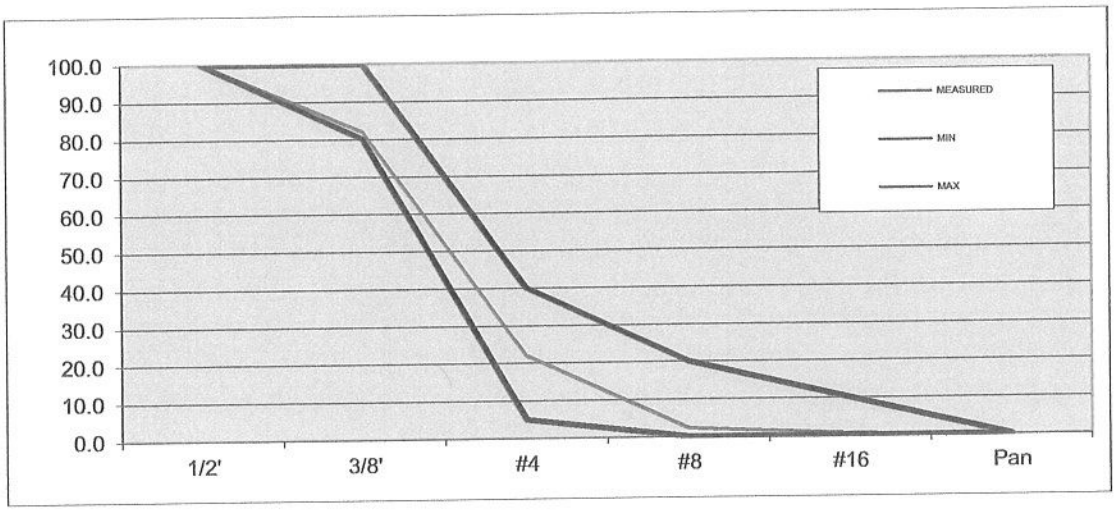
Ticket # Stacker

Sampler JJ

Date: 01/25/18

Time 11AM

Customer Trinity



Sieve	MEASURED WEIGHTS	MEASURED C%R	MEASURED C%P	Target MIN	Target MAX
1/2'	0.0	0.0	100.0	100.0	100.0
3/8'	98.0	18.1	81.9	80.0	100.0
#4	422.0	78.0	22.0	5.0	40.0
#8	529.0	97.8	2.2	0.0	20.0
#16	538.0	99.4	0.6	0.0	10.0
Pan	541.0	100.0	0.0	0.0	0.0

% MOISTURE	24.6				
Gross Weight	1670	Tare Weight	1395	Sp. Gravity	1.69
Bucket Weight	52	Lab B/W			
Wet Weight	674				
Dry Weight	541				

Frazier Park

17410 E. Lockwood Valley Road Frazier Park CA. 93225 661-245-3736

ASTM Light Weight Analysis

Trinity Frazier Park

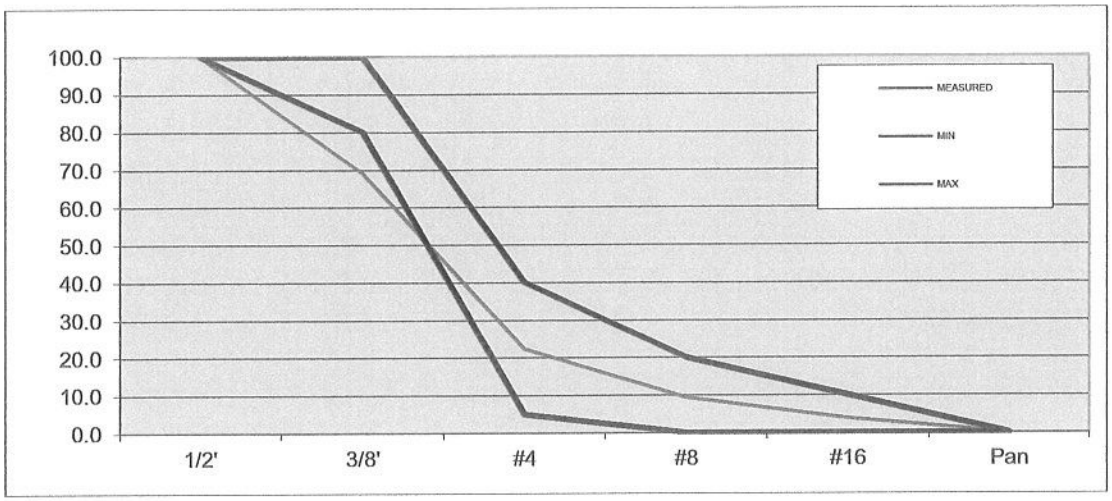
Ticket # Stacker

Sampler JJ

Date: 02/28/18

Time 7AM

Customer Trinity



Sieve	MEASURED WEIGHTS	MEASURED C%R	MEASURED C%P	Target MIN	Target MAX
1/2'	0.0	0.0	100.0	100.0	100.0
3/8'	175.0	31.0	69.0	80.0	100.0
#4	439.0	77.7	22.3	5.0	40.0
#8	512.0	90.6	9.4	0.0	20.0
#16	543.0	96.1	3.9	0.0	10.0
Pan	565.0	100.0	0.0	0.0	0.0

% MOISTURE	18.8				
Gross Weight	1672	Tare Weight	1395	Sp. Gravity	1.70
Bucket Weight	47	Lab B/W			
Wet Weight	671				
Dry Weight	565				

Frazier Park

17410 E. Lockwood Valley Road Frazier Park CA. 93225 661-245-3736

ASTM Light Weight Analysis

Trinity Frazier Park

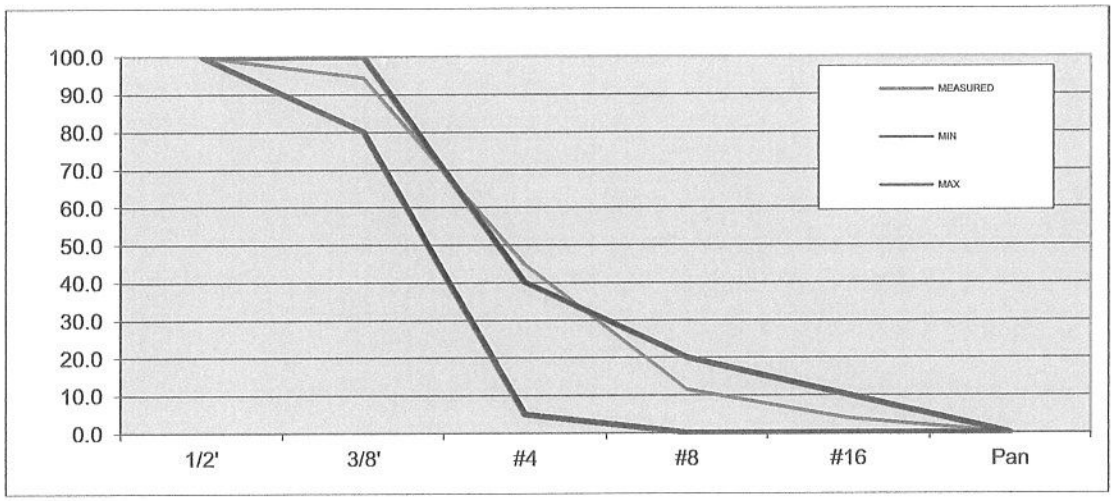
Ticket # Stacker

Sampler JJ

Date: 03/23/18

Time 9AM

Customer Trinity



Sieve	MEASURED WEIGHTS	MEASURED C%R	MEASURED C%P	Target MIN	Target MAX
1/2'	0.0	0.0	100.0	100.0	100.0
3/8'	31.0	5.7	94.3	80.0	100.0
#4	303.0	55.3	44.7	5.0	40.0
#8	485.0	88.5	11.5	0.0	20.0
#16	527.0	96.2	3.8	0.0	10.0
Pan	548.0	100.0	0.0	0.0	0.0

% MOISTURE	25.4				
Gross Weight	1676	Tare Weight	1395	Sp. Gravity	1.69
Bucket Weight	54	Lab B/W			
Wet Weight	687				
Dry Weight	548				

Frazier Park

17410 E. Lockwood Valley Road Frazier Park CA. 93225 661-245-3736

ASTM Light Wieght Analysis **Title 5**

Trinity Frazier Park

Ticket # Raw Clay

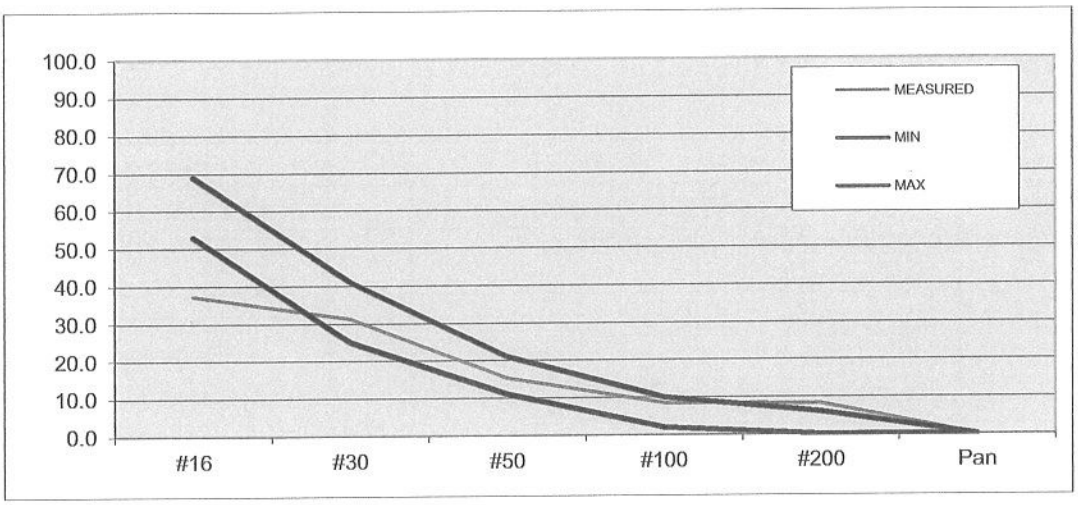
Sampler JJ

Date: 04/18/17

TIME:

Customer Trinity ES&C

Manager Steve Fernandes



Sieve	MEASURED WEIGHTS	MEASURED C%R	MEASURED C%P	Target MIN	Target MAX
#4	32.0	7.5	92.5	100.0	100.0
#8	160.0	37.5	62.5	96.0	90.0
#16	268.0	62.8	37.2	69.0	53.0
#30	294.0	68.9	31.1	41.0	25.0
#50	362.0	84.8	15.2	21.0	11.0
#100	391.0	91.6	8.4	10.0	2.0
#200	392.0	91.8	8.2	6.0	0.0
Pan	427.0	100.0	0.0	0.0	0.0

Sample Locations

1	17.10%
2	16.80%
3	15.10%
4	26.00%

% MOISTURE	17.1
Bucket Weigh	67
Wet Weight	500
Dry Weight	427

Lab B/W

Frazier Park

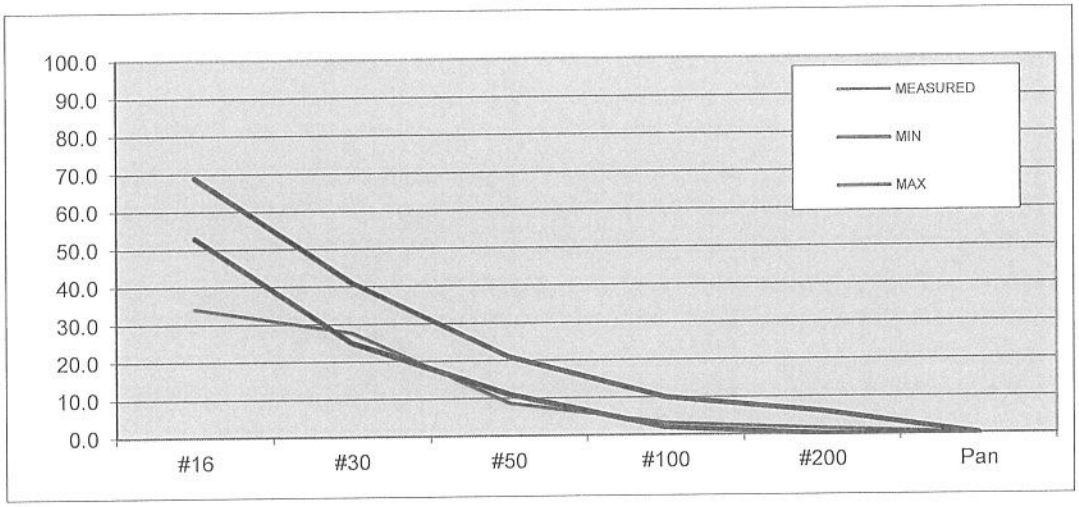
17410 E. Lockwood Valley Road Frazier Park CA. 93225 661-245-3736

ASTM Light Wieght Analysis **Title 5** **Trinity Frazier Park**

Ticket # Raw Clay **Sampler** JJ

Date: 05/11/17 **TIME:**

Customer Trinity ES&C **Manager** Steve Fernandes



Sieve	MEASURED WEIGHTS	MEASURED C%R	MEASURED C%P	Target MIN	Target MAX
#4	26.0	6.3	93.7	100.0	100.0
#8	160.0	38.8	61.2	96.0	90.0
#16	271.0	65.8	34.2	69.0	53.0
#30	298.0	72.3	27.7	41.0	25.0
#50	376.0	91.3	8.7	21.0	11.0
#100	399.0	96.8	3.2	10.0	2.0
#200	406.0	98.5	1.5	6.0	0.0
Pan	412.0	100.0	0.0	0.0	0.0

Sample Locations

1 21.40%
2 16.90%
3 15.40%
4 21.30%

% MOISTURE 21.4

Bucket Weigh 68
Wet Weight 500
Dry Weight 412

Lab B/W

Frazier Park

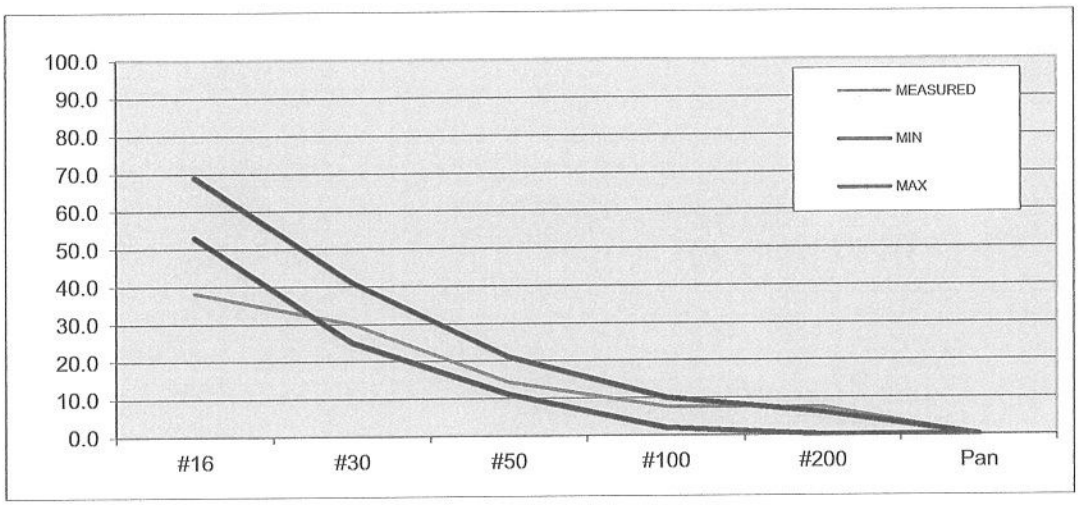
17410 E. Lockwood Valley Road Frazier Park CA. 93225 661-245-3736

ASTM Light Wieght Analysis **Title 5** **Trinity Frazier Park**

Ticket # Raw Clay **Sampler** JJ

Date: 06/25/17 **TIME:**

Customer Trinity ES&C **Manager** Steve Fernandes



Sieve	MEASURED WEIGHTS	MEASURED C%R	MEASURED C%P	Target MIN	Target MAX
#4	24.0	5.7	94.3	100.0	100.0
#8	154.0	36.5	63.5	96.0	90.0
#16	261.0	61.8	38.2	69.0	53.0
#30	296.0	70.1	29.9	41.0	25.0
#50	362.0	85.8	14.2	21.0	11.0
#100	390.0	92.4	7.6	10.0	2.0
#200	391.0	92.7	7.3	6.0	0.0
Pan	422.0	100.0	0.0	0.0	0.0

Sample Locations

1	19.60%
2	17.30%
3	14.50%
4	24.50%

% MOISTURE	18.7			
Bucket Weigh	67.5	Lab B/W	68	JJ
Wet Weight	501			
Dry Weight	422			

Frazier Park

17410 E. Lockwood Valley Road Frazier Park CA. 93225 661-245-3736

ASTM Light Wieght Analysis **Title 5**

Trinity Frazier Park

Ticket # Raw Clay

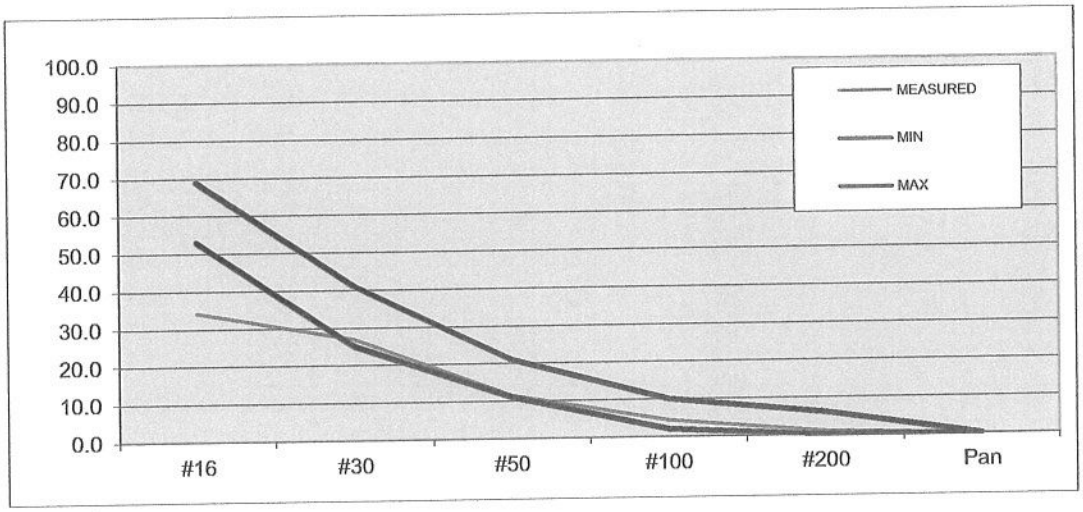
Sampler JJ

Date: 07/15/17

TIME:

Customer Trinity ES&C

Manager Steve Fernandes



Sieve	MEASURED WEIGHTS	MEASURED C%R	MEASURED C%P	Target MIN	Target MAX
#4	26.0	6.3	93.7	100.0	100.0
#8	158.0	38.5	61.5	96.0	90.0
#16	270.0	65.9	34.1	69.0	53.0
#30	300.0	73.2	26.8	41.0	25.0
#50	363.0	88.5	11.5	21.0	11.0
#100	392.0	95.6	4.4	10.0	2.0
#200	406.0	99.0	1.0	6.0	0.0
Pan	410.0	100.0	0.0	0.0	0.0

Sample Locations

1	17.30%
2	16.10%
3	15.00%
4	22.10%

% MOISTURE	17.3		
Bucket Weigh	68	Lab B/W	68 JJ
Wet Weight	481		
Dry Weight	410		

Frazier Park

17410 E. Lockwood Valley Road Frazier Park CA. 93225 661-245-3736

ASTM Light Wieght Analysis **Title 5**

Trinity Frazier Park

Ticket # Raw Clay

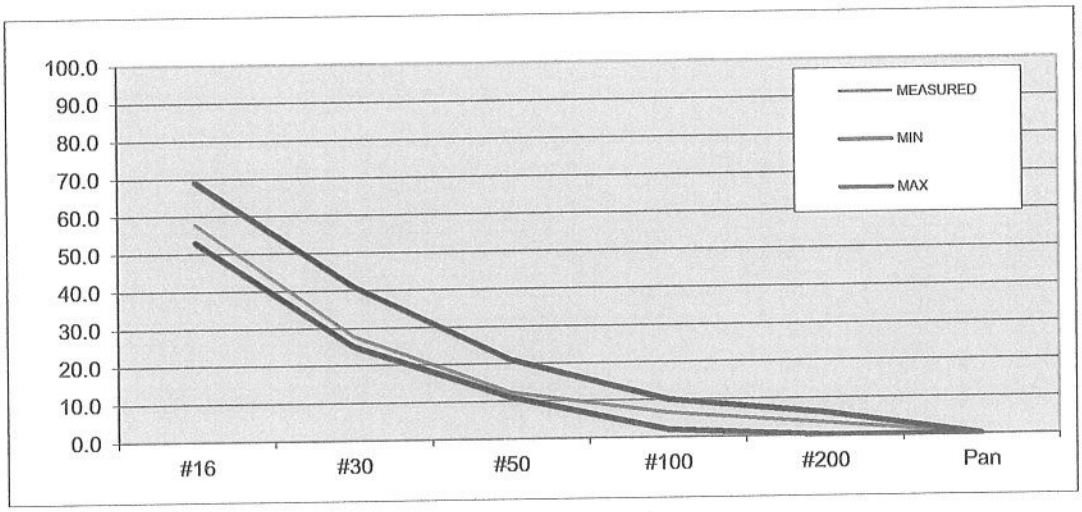
Sampler JJ

Date: 08/07/17

TIME:

Customer Trinity ES&C

Manager Steve Fernandes



Sieve	MEASURED WEIGHTS	MEASURED C%R	MEASURED C%P	Target MIN	Target MAX
#4	26.0	6.3	93.7	100.0	100.0
#8	109.0	26.3	73.7	96.0	90.0
#16	175.0	42.2	57.8	69.0	53.0
#30	300.0	72.3	27.7	41.0	25.0
#50	364.0	87.7	12.3	21.0	11.0
#100	388.0	93.5	6.5	10.0	2.0
#200	401.0	96.6	3.4	6.0	0.0
Pan	415.0	100.0	0.0	0.0	0.0

Sample Locations

1	21.20%
2	18.00%
3	16.50%
4	21.00%

% MOISTURE	21.2
Bucket Weigh	65.5
Wet Weight	503
Dry Weight	415

Lab B/W JJ

Frazier Park

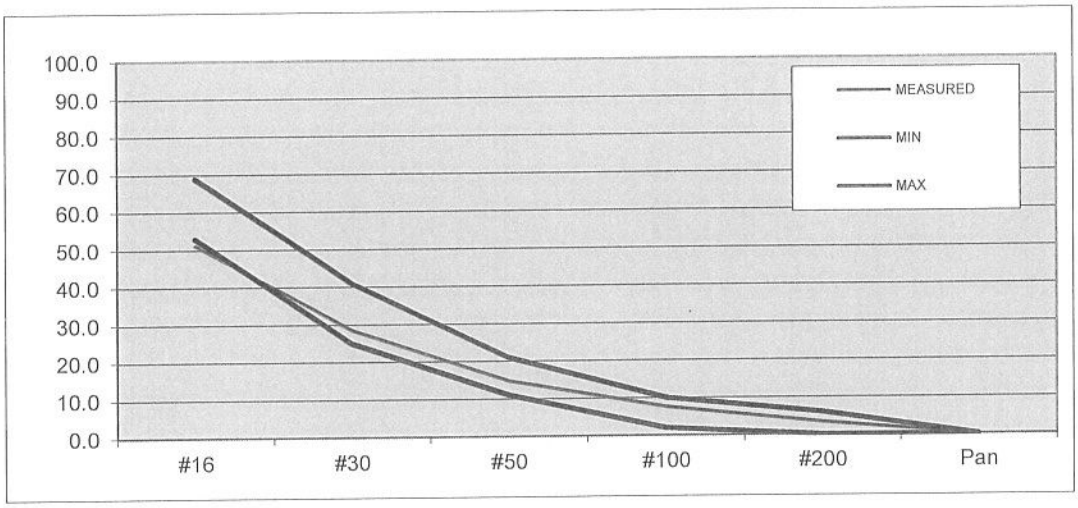
17410 E. Lockwood Valley Road Frazier Park CA. 93225 661-245-3736

ASTM Light Wieght Analysis **Title 5** **Trinity Frazier Park**

Ticket # Raw Clay **Sampler** JJ

Date: 09/23/17 **TIME:**

Customer Trinity ES&C **Manager** Steve Fernandes



Sieve	MEASURED WEIGHTS	MEASURED C%R	MEASURED C%P	Target MIN	Target MAX
#4	26.0	6.2	93.8	100.0	100.0
#8	118.0	28.1	71.9	96.0	90.0
#16	205.0	48.8	51.2	69.0	53.0
#30	300.0	71.4	28.6	41.0	25.0
#50	358.0	85.2	14.8	21.0	11.0
#100	388.0	92.4	7.6	10.0	2.0
#200	406.0	96.7	3.3	6.0	0.0
Pan	420.0	100.0	0.0	0.0	0.0

Sample Locations

1	19.00%
2	16.80%
3	16.00%
4	20.80%

% MOISTURE 19.0

Bucket Weigh 65

Wet Weight 500

Dry Weight 420

Lab B/W JJ

Frazier Park

17410 E. Lockwood Valley Road Frazier Park CA. 93225 661-245-3736

ASTM Light Wieght Analysis **Title 5**

Trinity Frazier Park

Ticket # Raw Clay

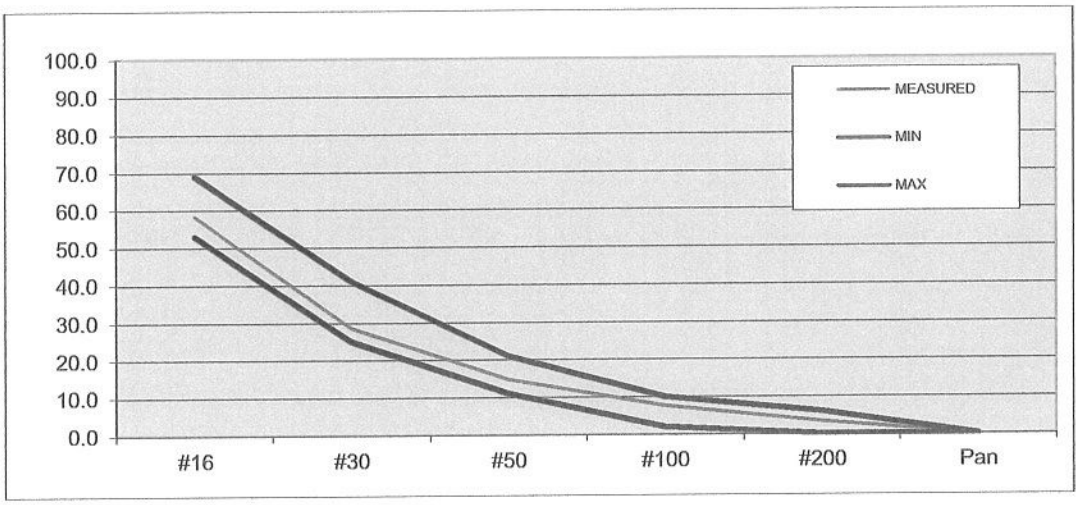
Sampler JJ

Date: 10/15/17

TIME:

Customer Trinity ES&C

Manager Steve Fernandes



Sieve	MEASURED WEIGHTS	MEASURED C%R	MEASURED C%P	Target MIN	Target MAX
#4	26.0	6.2	93.8	100.0	100.0
#8	109.0	26.0	74.0	96.0	90.0
#16	175.0	41.7	58.3	69.0	53.0
#30	300.0	71.4	28.6	41.0	25.0
#50	358.0	85.2	14.8	21.0	11.0
#100	388.0	92.4	7.6	10.0	2.0
#200	406.0	96.7	3.3	6.0	0.0
Pan	420.0	100.0	0.0	0.0	0.0

Sample Locations

1	19.00%
2	17.50%
3	16.00%
4	20.80%

% MOISTURE	19.0
Bucket Weigh	65.5
Wet Weight	500
Dry Weight	420

Lab B/W JJ

Frazier Park

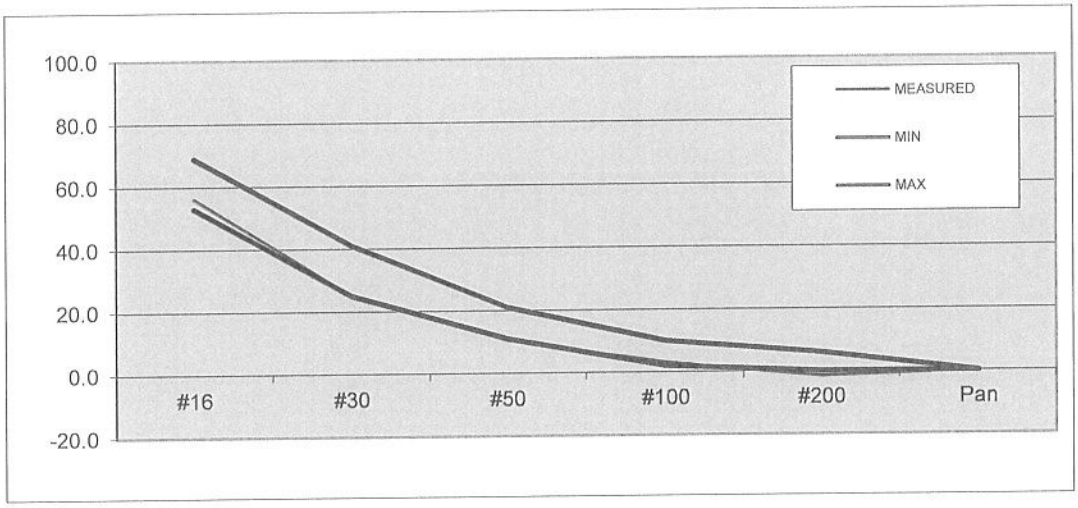
17410 E. Lockwood Valley Road Frazier Park CA. 93225 661-245-3736

ASTM Light Wieght Analysis **Title 5** **Trinity Frazier Park**

Ticket # Raw Clay **Sampler** JJ

Date: 11/27/17 **TIME:**

Customer Trinity ES&C **Manager** Steve Fernandes



Sieve	MEASURED WEIGHTS	MEASURED C%R	MEASURED C%P	Target MIN	Target MAX
#4	26.0	6.5	93.5	100.0	100.0
#8	109.0	27.3	72.8	96.0	90.0
#16	175.0	43.8	56.3	69.0	53.0
#30	300.0	75.0	25.0	41.0	25.0
#50	358.0	89.5	10.5	21.0	11.0
#100	388.0	97.0	3.0	10.0	2.0
#200	406.0	101.5	-1.5	6.0	0.0
Pan	400.0	100.0	0.0	0.0	0.0

Sample Locations

1 21.30%
2 17.00%
3 16.00%
4 21.20%

% MOISTURE 21.3

Bucket Weigh 65.5
Wet Weight 485
Dry Weight 400

Lab B/W JJ

Frazier Park

17410 E. Lockwood Valley Road Frazier Park CA. 93225 661-245-3736

ASTM Light Wieght Analysis **Title 5**

Trinity Frazier Park

Ticket # Raw Clay

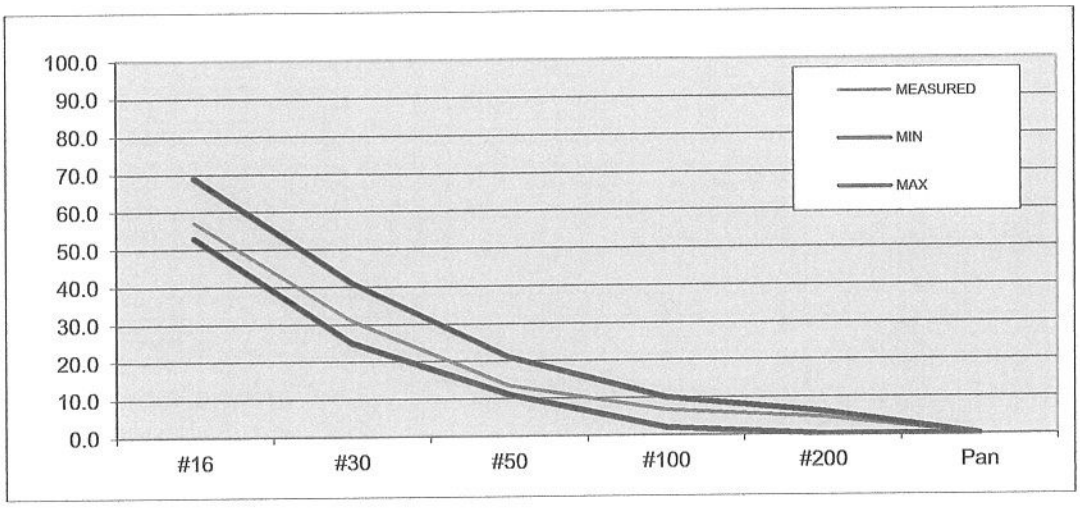
Sampler JJ

Date: 12/21/17

TIME:

Customer Trinity ES&C

Manager Steve Fernandes



Sieve	MEASURED WEIGHTS	MEASURED C%R	MEASURED C%P	Target MIN	Target MAX
#4	22.0	5.3	94.7	100.0	100.0
#8	115.0	27.5	72.5	96.0	90.0
#16	179.0	42.8	57.2	69.0	53.0
#30	289.0	69.1	30.9	41.0	25.0
#50	362.0	86.6	13.4	21.0	11.0
#100	390.0	93.3	6.7	10.0	2.0
#200	399.0	95.5	4.5	6.0	0.0
Pan	418.0	100.0	0.0	0.0	0.0

Sample Locations

1	21.20%
2	18.00%
3	16.50%
4	21.00%

% MOISTURE	22.7
Bucket Weigh	65.5
Wet Weight	513
Dry Weight	418

Lab B/W JJ

Frazier Park

17410 E. Lockwood Valley Road Frazier Park CA. 93225 661-245-3736

ASTM Light Wieght Analysis **Title 5**

Trinity Frazier Park

Ticket # Raw Clay

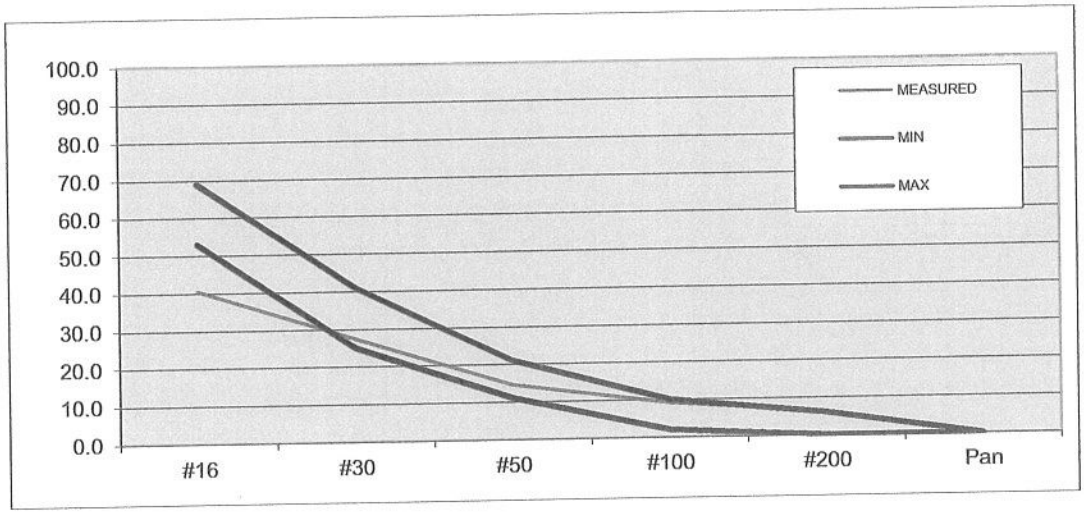
Sampler JJ

Date: 01/27/18

TIME:

Customer Trinity ES&C

Manager Steve Fernandes



Sieve	MEASURED WEIGHTS	MEASURED C%R	MEASURED C%P	Target MIN	Target MAX
#4	31.0	7.2	92.8	100.0	100.0
#8	139.0	32.5	67.5	96.0	90.0
#16	255.0	59.6	40.4	69.0	53.0
#30	311.0	72.7	27.3	41.0	25.0
#50	366.0	85.5	14.5	21.0	11.0
#100	389.0	90.9	9.1	10.0	2.0
#200	401.0	93.7	6.3	6.0	0.0
Pan	428.0	100.0	0.0	0.0	0.0

Sample Locations

1	24.80%
2	22.60%
3	20.80%
4	30.00%

% MOISTURE	24.8
Bucket Weigh	68.5
Wet Weight	534
Dry Weight	428

Lab B/W JJ

Frazier Park

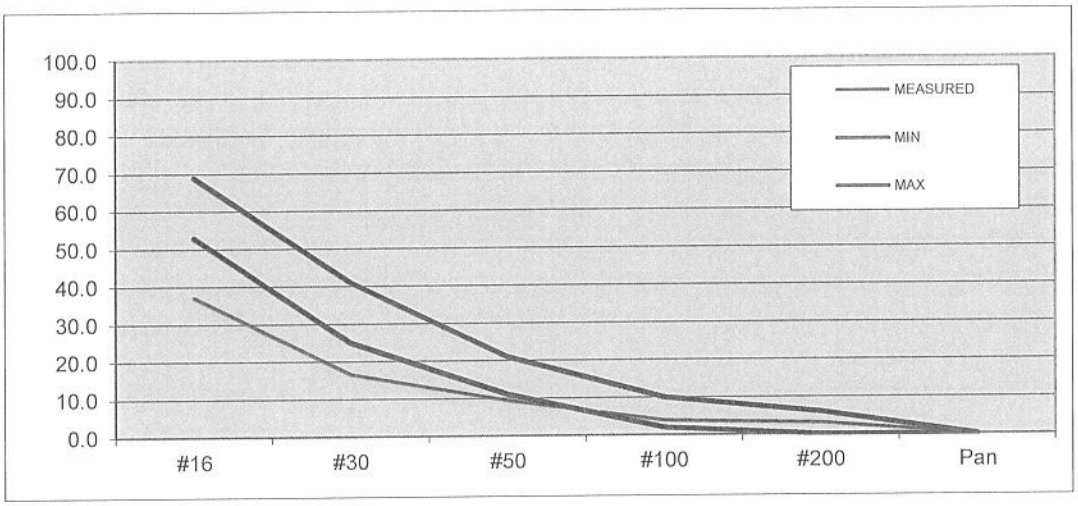
17410 E. Lockwood Valley Road Frazier Park CA. 93225 661-245-3736

ASTM Light Wieght Analysis **Title 5** **Trinity Frazier Park**

Ticket # Raw Clay **Sampler** JJ

Date: 02/08/18 **TIME:**

Customer Trinity ES&C **Manager** Steve Fernandes



Sieve	MEASURED WEIGHTS	MEASURED C%R	MEASURED C%P	Target MIN	Target MAX
#4	20.0	4.8	95.2	100.0	100.0
#8	141.0	33.8	66.2	96.0	90.0
#16	262.0	62.8	37.2	69.0	53.0
#30	348.0	83.5	16.5	41.0	25.0
#50	378.0	90.6	9.4	21.0	11.0
#100	401.0	96.2	3.8	10.0	2.0
#200	404.0	96.9	3.1	6.0	0.0
Pan	417.0	100.0	0.0	0.0	0.0

Sample Locations

1	23.50%
2	20.18%
3	21.50%
4	29.80%

% MOISTURE	23.5
Bucket Weigh	69
Wet Weight	515
Dry Weight	417

Lab B/W

Frazier Park

17410 E. Lockwood Valley Road Frazier Park CA. 93225 661-245-3736

ASTM Light Wieght Analysis **Title 5**

Trinity Frazier Park

Ticket # Raw Clay

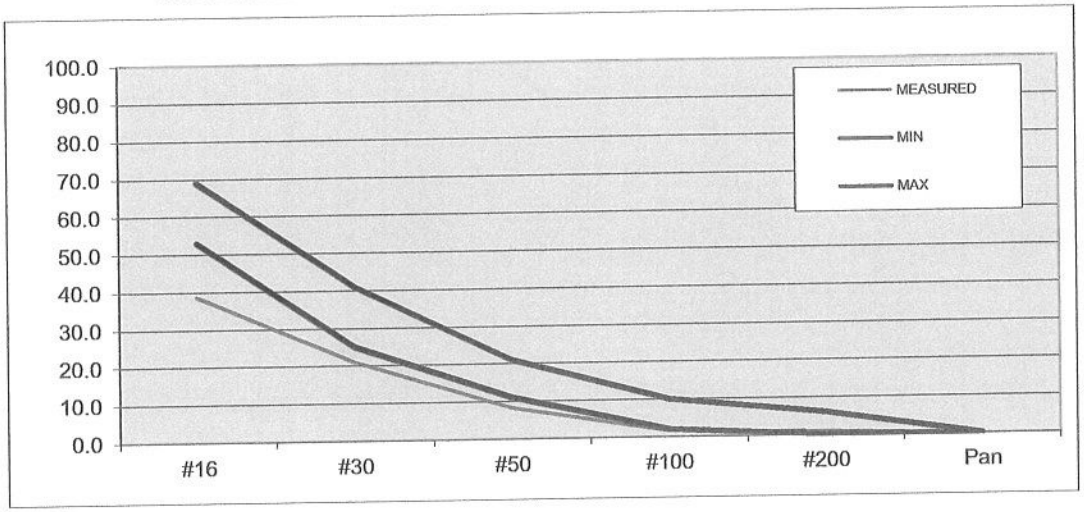
Sampler JJ

Date: 03/14/18

TIME:

Customer Trinity ES&C

Manager Steve Fernandes



Sieve	MEASURED WEIGHTS	MEASURED C%R	MEASURED C%P	Target MIN	Target MAX
#4	22.0	3.3	96.7	100.0	100.0
#8	245.0	37.1	62.9	96.0	90.0
#16	406.0	61.4	38.6	69.0	53.0
#30	523.0	79.1	20.9	41.0	25.0
#50	607.0	91.8	8.2	21.0	11.0
#100	651.0	98.5	1.5	10.0	2.0
#200	655.0	99.1	0.9	6.0	0.0
Pan	661.0	100.0	0.0	0.0	0.0

Sample Locations

1	22.80%
2	21.40%
3	22.60%
4	24.00%

% MOISTURE	22.8
Bucket Weigh	69
Wet Weight	812
Dry Weight	661

Lab B/W

Frazier Park

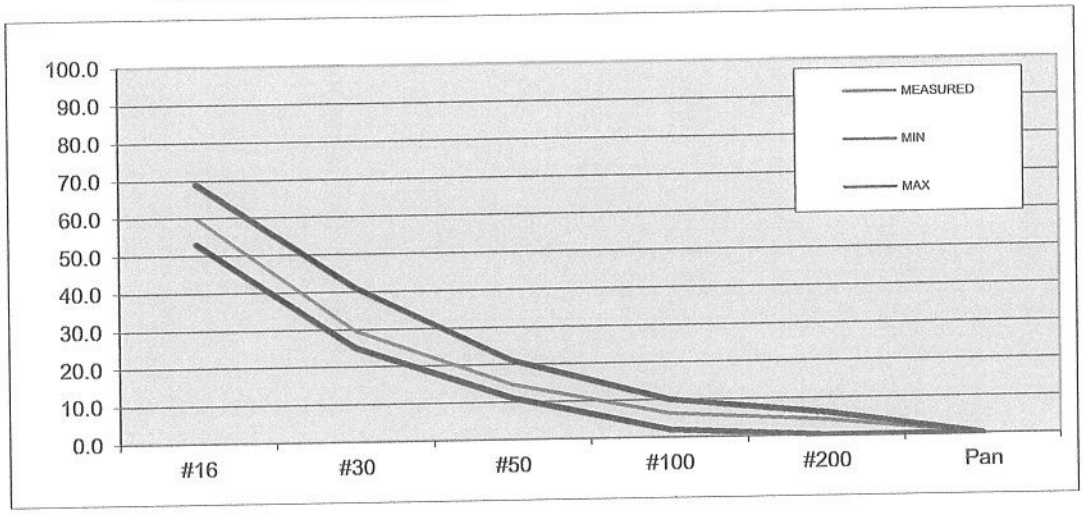
17410 E. Lockwood Valley Road Frazier Park CA. 93225 661-245-3736

ASTM Light Weight Analysis **#1 Sand** **Trinity Frazier Park**

Ticket # _____ **Sampler** JJ

Date: 04/03/17 **TIME:** _____

Customer _____



Sieve	MEASURED WEIGHTS	MEASURED C%R	MEASURED C%P	Target MIN	Target MAX
#4	0.0	0.0	100.0	100.0	100.0
#8	26.0	5.3	94.7	96.0	90.0
#16	196.0	40.2	59.8	69.0	53.0
#30	344.0	70.5	29.5	41.0	25.0
#50	417.0	85.5	14.5	21.0	11.0
#100	457.0	93.6	6.4	10.0	2.0
#200	468.0	95.9	4.1	6.0	0.0
Pan	488.0	100.0	0.0	0.0	0.0

% MOISTURE 10.2

Bucket Weigh 54.5
Wet Weight 538
Dry Weight 488

Oven Dry B/W 46

Frazier Park

17410 E. Lockwood Valley Road Frazier Park CA. 93225 661-245-3736

ASTM Light Weight Analysis #1 Sand

Trinity Frazier Park

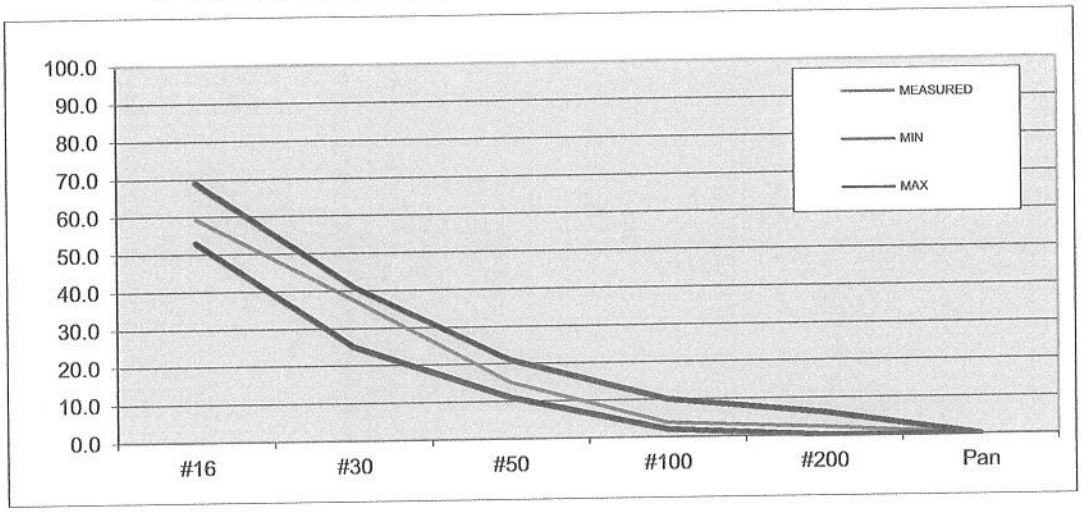
Ticket # _____

Sampler JJ

Date: 05/07/17

TIME: _____

Customer _____



Sieve	MEASURED WEIGHTS	MEASURED C%R	MEASURED C%P	Target MIN	Target MAX
#4	0.0	0.0	100.0	100.0	100.0
#8	10.0	2.0	98.0	96.0	90.0
#16	206.0	40.6	59.4	69.0	53.0
#30	317.0	62.5	37.5	41.0	25.0
#50	431.0	85.0	15.0	21.0	11.0
#100	488.0	96.3	3.7	10.0	2.0
#200	496.0	97.8	2.2	6.0	0.0
Pan	507.0	100.0	0.0	0.0	0.0

% MOISTURE 10.1

Bucket Weigh 54

Wet Weight 558

Dry Weight 507

Oven Dry 42

Frazier Park

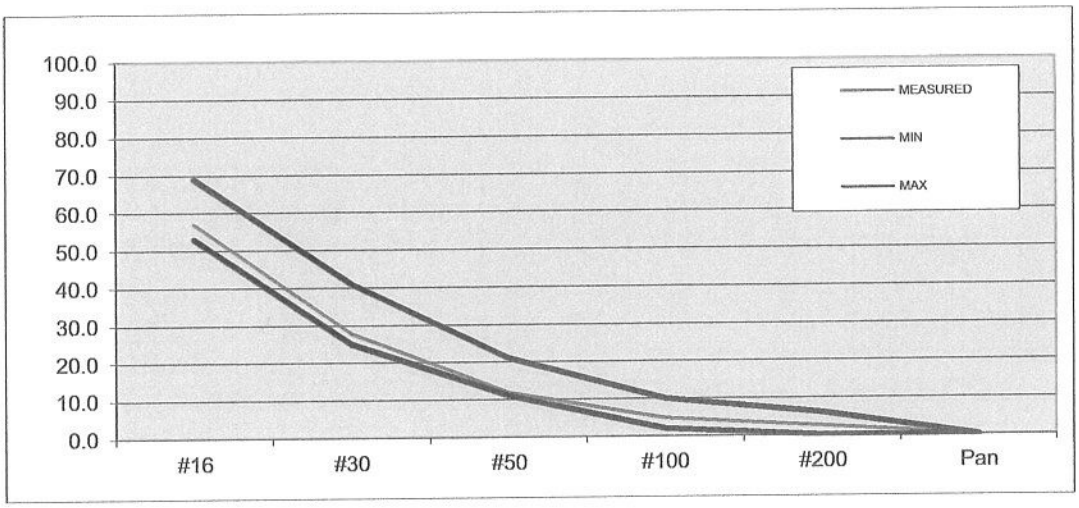
17410 E. Lockwood Valley Road Frazier Park CA. 93225 661-245-3736

ASTM Light Weight Analysis **#1 Sand** **Trinity Frazier Park**

Ticket # _____ **Sampler** JJ

Date: 06/22/17 **TIME:** _____

Customer _____



Sieve	MEASURED WEIGHTS	MEASURED C%R	MEASURED C%P	Target MIN	Target MAX
#4	0.0	0.0	100.0	100.0	100.0
#8	29.0	6.0	94.0	96.0	90.0
#16	208.0	43.1	56.9	69.0	53.0
#30	349.0	72.3	27.7	41.0	25.0
#50	426.0	88.2	11.8	21.0	11.0
#100	460.0	95.2	4.8	10.0	2.0
#200	471.0	97.5	2.5	6.0	0.0
Pan	483.0	100.0	0.0	0.0	0.0

% MOISTURE 10.1

Bucket Weigh 55
Wet Weight 532
Dry Weight 483

Oven Dry B/W 48

Frazier Park

17410 E. Lockwood Valley Road Frazier Park CA. 93225 661-245-3736

ASTM Light Weight Analysis #1 Sand

Trinity Frazier Park

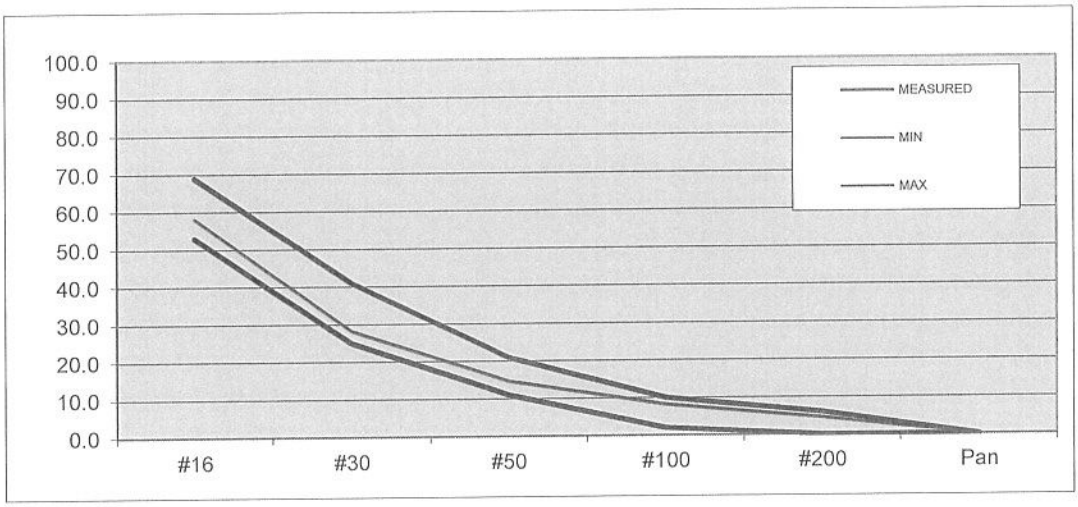
Ticket # _____

Sampler JJ

Date: 07/11/17

TIME: _____

Customer _____



Sieve	MEASURED WEIGHTS	MEASURED C%R	MEASURED C%P	Target MIN	Target MAX
#4	0.0	0.0	100.0	100.0	100.0
#8	40.0	6.7	93.3	96.0	90.0
#16	251.0	41.8	58.2	69.0	53.0
#30	431.0	71.8	28.2	41.0	25.0
#50	512.0	85.3	14.7	21.0	11.0
#100	551.0	91.8	8.2	10.0	2.0
#200	573.0	95.5	4.5	6.0	0.0
Pan	600.0	100.0	0.0	0.0	0.0

% MOISTURE 12.7

Bucket Weigh	54	Lab B/W	54
Wet Weight	676		
Dry Weight	600	Oven Dry	50.5

Frazier Park

17410 E. Lockwood Valley Road Frazier Park CA. 93225 661-245-3736

ASTM Light Weight Analysis #1 Sand

Trinity Frazier Park

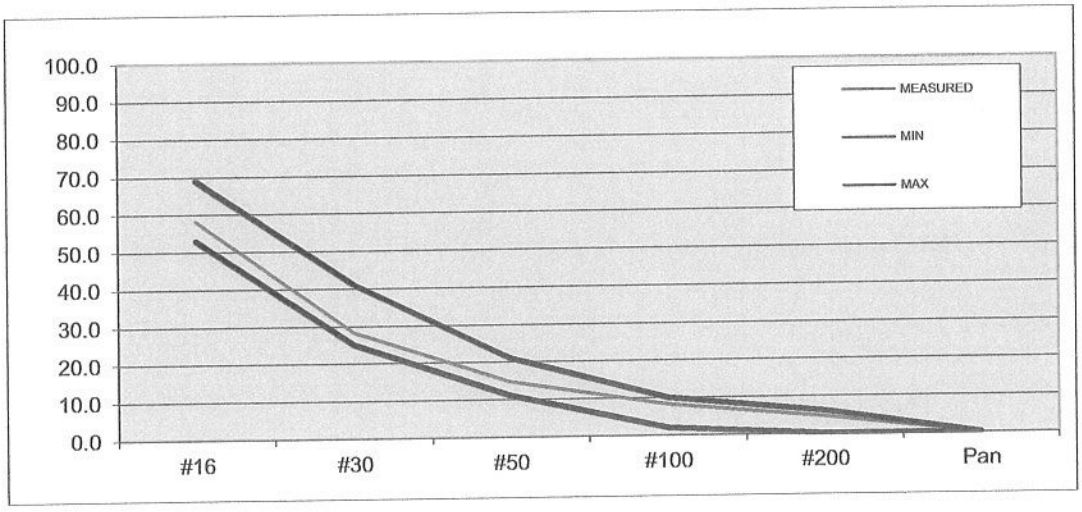
Ticket # _____

Sampler JJ

Date: 08/18/17

TIME: _____

Customer _____



Sieve	MEASURED WEIGHTS	MEASURED C%R	MEASURED C%P	Target MIN	Target MAX
#4	0.0	0.0	100.0	100.0	100.0
#8	40.0	6.7	93.3	96.0	90.0
#16	251.0	41.8	58.2	69.0	53.0
#30	431.0	71.8	28.2	41.0	25.0
#50	512.0	85.3	14.7	21.0	11.0
#100	551.0	91.8	8.2	10.0	2.0
#200	573.0	95.5	4.5	6.0	0.0
Pan	600.0	100.0	0.0	0.0	0.0

% MOISTURE 12.7

Bucket Weigh	54	**Lab B/W**	54
Wet Weight	676		
Dry Weight	600	**Oven Dry**	50.5

Frazier Park

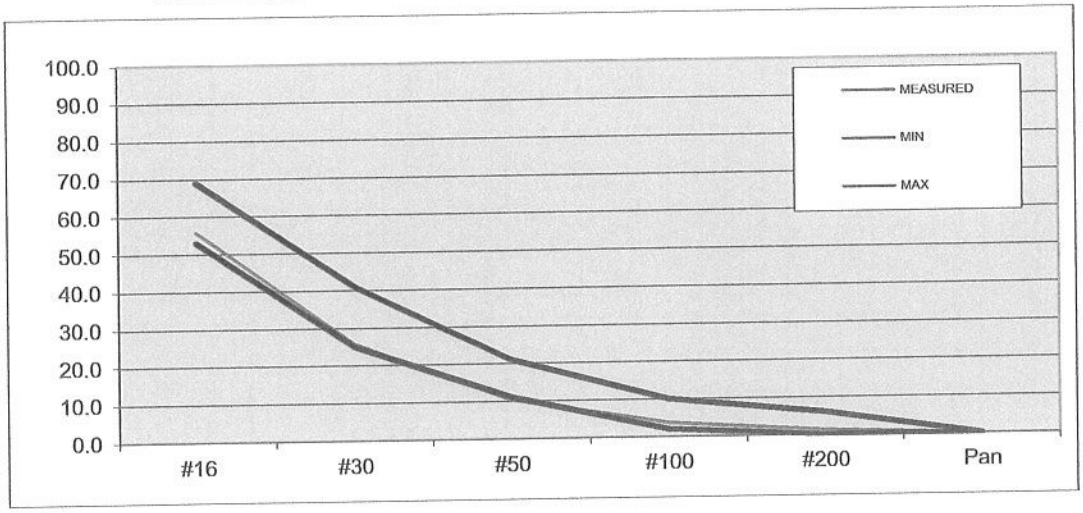
17410 E. Lockwood Valley Road Frazier Park CA. 93225 661-245-3736

ASTM Light Weight Analysis **#1 Sand** **Trinity Frazier Park**

Ticket # _____ **Sampler** JJ

Date: 09/28/17 **TIME:** _____

Customer _____



Sieve	MEASURED WEIGHTS	MEASURED C%R	MEASURED C%P	Target MIN	Target MAX
#4	0.0	0.0	100.0	100.0	100.0
#8	37.0	7.6	92.4	96.0	90.0
#16	214.0	44.2	55.8	69.0	53.0
#30	360.0	74.4	25.6	41.0	25.0
#50	434.0	89.7	10.3	21.0	11.0
#100	466.0	96.3	3.7	10.0	2.0
#200	478.0	98.8	1.2	6.0	0.0
Pan	484.0	100.0	0.0	0.0	0.0

% MOISTURE 10.7

Bucket Weigh 54.5
Wet Weight 536
Dry Weight 484

Oven Dry B/W 47

Frazier Park

17410 E. Lockwood Valley Road Frazier Park CA. 93225 661-245-3736

ASTM Light Weight Analysis #1 Sand

Trinity Frazier Park

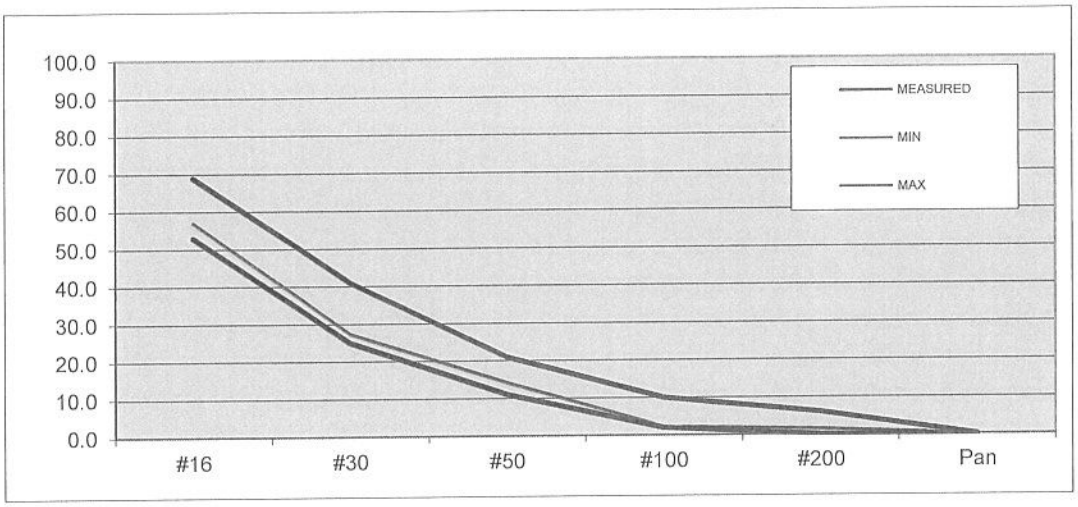
Ticket # _____

Sampler JJ

Date: 10/26/17

TIME: _____

Customer _____



Sieve	MEASURED WEIGHTS	MEASURED C%R	MEASURED C%P	Target MIN	Target MAX
#4	0.0	0.0	100.0	100.0	100.0
#8	38.0	7.8	92.2	96.0	90.0
#16	209.0	42.9	57.1	69.0	53.0
#30	354.0	72.7	27.3	41.0	25.0
#50	418.0	85.8	14.2	21.0	11.0
#100	476.0	97.7	2.3	10.0	2.0
#200	480.0	98.6	1.4	6.0	0.0
Pan	487.0	100.0	0.0	0.0	0.0

% MOISTURE 10.1

Bucket Weigh 55
Wet Weight 536
Dry Weight 487

Oven Dry B/W 46

Frazier Park

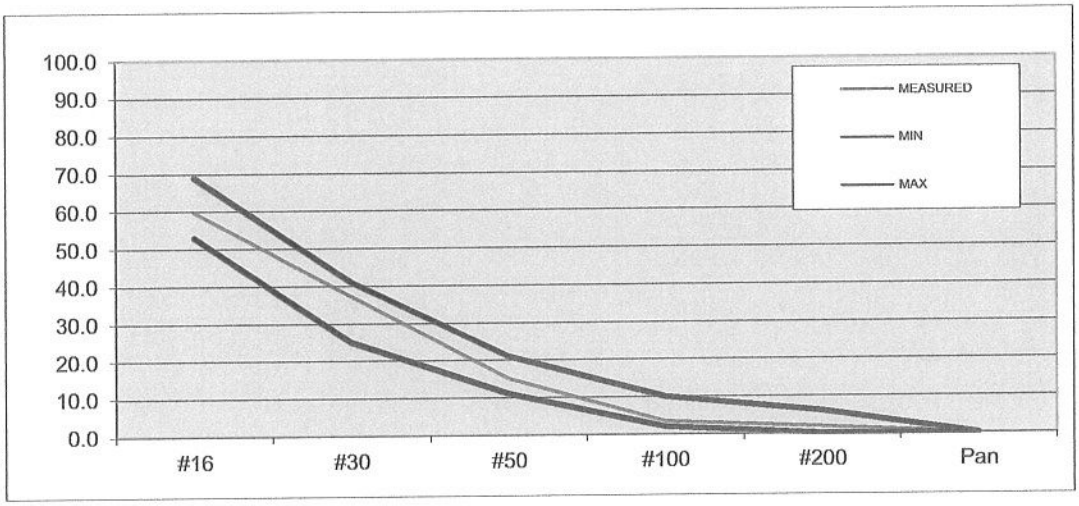
17410 E. Lockwood Valley Road Frazier Park CA. 93225 661-245-3736

ASTM Light Weight Analysis **#1 Sand** **Trinity Frazier Park**

Ticket # _____ **Sampler** JJ

Date: 11/18/17 **TIME:** _____

Customer _____



Sieve	MEASURED WEIGHTS	MEASURED C%R	MEASURED C%P	Target MIN	Target MAX
#4	0.0	0.0	100.0	100.0	100.0
#8	9.0	1.8	98.2	96.0	90.0
#16	202.0	40.3	59.7	69.0	53.0
#30	315.0	62.9	37.1	41.0	25.0
#50	426.0	85.0	15.0	21.0	11.0
#100	484.0	96.6	3.4	10.0	2.0
#200	492.0	98.2	1.8	6.0	0.0
Pan	501.0	100.0	0.0	0.0	0.0

% MOISTURE 10.0

Bucket Weigh 54.5
Wet Weight 551
Dry Weight 501

Oven Dry 42

Frazier Park

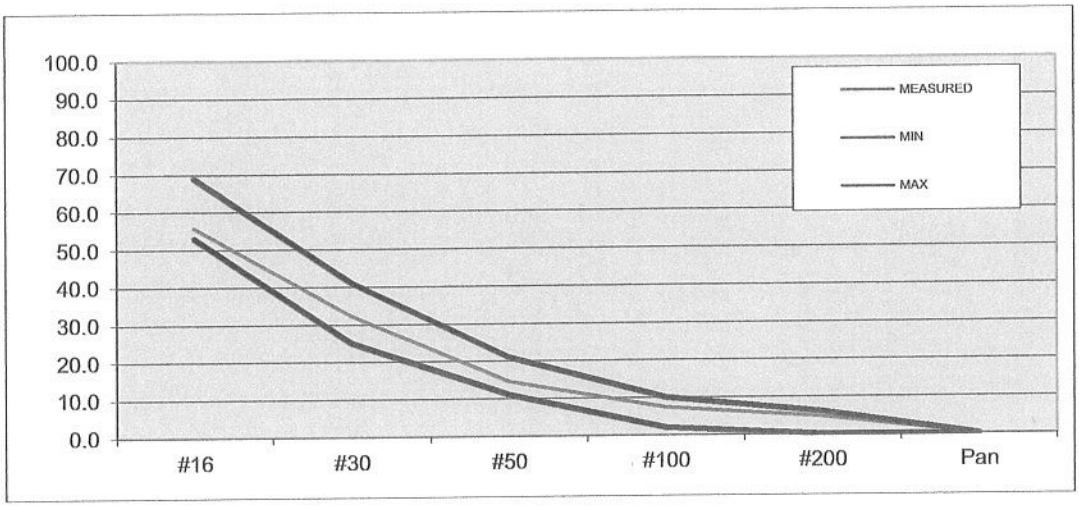
17410 E. Lockwood Valley Road Frazier Park CA. 93225 661-245-3736

ASTM Light Weight Analysis **#1 Sand** **Trinity Frazier Park**

Ticket # _____ **Sampler** JJ

Date: 12/05/17 **TIME:** _____

Customer _____



Sieve	MEASURED WEIGHTS	MEASURED C%R	MEASURED C%P	Target MIN	Target MAX
#4	0.0	0.0	100.0	100.0	100.0
#8	34.0	7.6	92.4	96.0	90.0
#16	199.0	44.3	55.7	69.0	53.0
#30	305.0	67.9	32.1	41.0	25.0
#50	384.0	85.5	14.5	21.0	11.0
#100	416.0	92.7	7.3	10.0	2.0
#200	428.0	95.3	4.7	6.0	0.0
Pan	449.0	100.0	0.0	0.0	0.0

% MOISTURE 12.5

Bucket Weigh 55
Wet Weight 505
Dry Weight 449

Oven Dry 43

Frazier Park

17410 E. Lockwood Valley Road Frazier Park CA. 93225 661-245-3736

ASTM Light Weight Analysis #1 Sand

Trinity Frazier Park

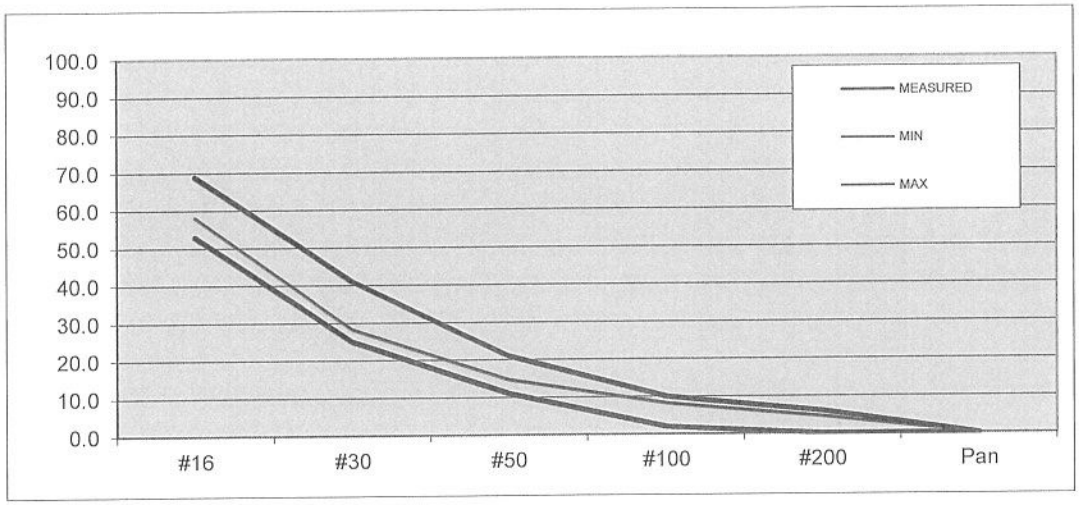
Ticket # _____

Sampler JJ

Date: 01/05/18

TIME: _____

Customer _____



Sieve	MEASURED WEIGHTS	MEASURED C%R	MEASURED C%P	Target MIN	Target MAX
#4	0.0	0.0	100.0	100.0	100.0
#8	40.0	6.7	93.3	96.0	90.0
#16	251.0	41.8	58.2	69.0	53.0
#30	431.0	71.8	28.2	41.0	25.0
#50	512.0	85.3	14.7	21.0	11.0
#100	551.0	91.8	8.2	10.0	2.0
#200	573.0	95.5	4.5	6.0	0.0
Pan	600.0	100.0	0.0	0.0	0.0

% MOISTURE	12.7		
Bucket Weigh	54	Lab B/W	54
Wet Weight	676		
Dry Weight	600	Oven Dry	50.5

Frazier Park

17410 E. Lockwood Valley Road Frazier Park CA. 93225 661-245-3736

ASTM Light Weight Analysis #1 Sand

Trinity Frazier Park

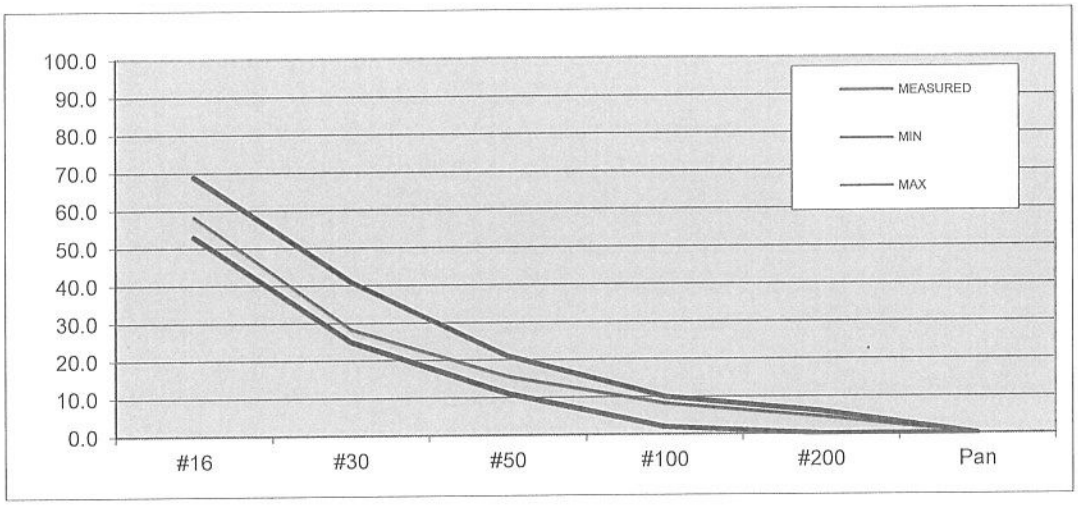
Ticket # _____

Sampler JJ

Date: 02/26/18

TIME: _____

Customer _____



Sieve	MEASURED WEIGHTS	MEASURED C%R	MEASURED C%P	Target MIN	Target MAX
#4	0.0	0.0	100.0	100.0	100.0
#8	38.0	6.4	93.6	96.0	90.0
#16	249.0	41.6	58.4	69.0	53.0
#30	429.0	71.7	28.3	41.0	25.0
#50	505.0	84.4	15.6	21.0	11.0
#100	549.0	91.8	8.2	10.0	2.0
#200	571.0	95.5	4.5	6.0	0.0
Pan	598.0	100.0	0.0	0.0	0.0

% MOISTURE 10.2

Bucket Weigh 55
Wet Weight 659
Dry Weight 598

Oven Dry 43

Frazier Park

17410 E. Lockwood Valley Road Frazier Park CA. 93225 661-245-3736

ASTM Light Weight Analysis #1 Sand

Trinity Frazier Park

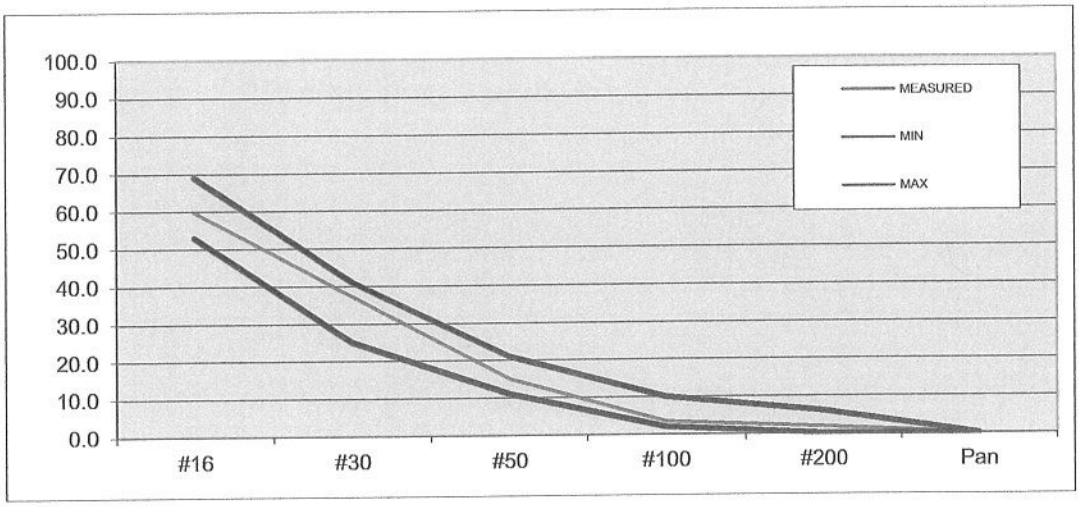
Ticket # _____

Sampler JJ

Date: 03/02/18

TIME: _____

Customer _____



Sieve	MEASURED WEIGHTS	MEASURED C%R	MEASURED C%P	Target MIN	Target MAX
#4	0.0	0.0	100.0	100.0	100.0
#8	9.0	1.8	98.2	96.0	90.0
#16	202.0	40.3	59.7	69.0	53.0
#30	315.0	62.9	37.1	41.0	25.0
#50	426.0	85.0	15.0	21.0	11.0
#100	484.0	96.6	3.4	10.0	2.0
#200	492.0	98.2	1.8	6.0	0.0
Pan	501.0	100.0	0.0	0.0	0.0

% MOISTURE 10.0

Bucket Weigh	54.5
Wet Weight	551
Dry Weight	501

Oven Dry 42

APPENDIX E

PO0036PC7
Amendment 50 to PO00036

Quarterly Dust Readings

Annual Formal Survey For Attachment 50
Part 70 Permit # 0036

1st Quarter

Date	Time	Emissions Unit #	Emissions Unit Description
05/04/17	10:10am	#30	Bunker Incline Belt
Not in use		#31	Long Belt
Not in use		#54	Bucket Elevator Discharge
Not in use		#55	Continuation Discharge Belt #2
05/04/17	10am	E14	Tower Screen
05/04/17	10am	#29	Radial Stacker
05/04/17	10am	#26	K-3 Blue Belt
05/04/17	10am	#25	K-4 Blue Belt
05/04/17	1:00pm	E1	Grizzly Housing
05/04/17	1:00pm	E2	Syntron #1and #2
05/04/17	1:30pm	#15	Kiln Feed Tank Conveyor
05/04/17	1:35pm	#18	K-4 Discharge Conveyor
05/04/17	1:40pm	#19	K-3 Discharge Conveyor
05/04/17	1:45pm	#20	K-3 Feed Conveyor
05/04/17	1:45pm	#21	K-4 Feed Conveyor
05/04/17	1:45pm	#24	K-4 Incline Conveyor
Not in use		E39	Bucket Elevator #4
Not in use		E38	Bucket Elevator #3
05/04/17	10:10am	N/A	Sand Loop Building
Not in use		Finish End	9 Tank Silo
05/04/17	10:10am	E30	Vertical Impact Crusher
05/04/17	1:00pm	Raw Material	Raw Material Processing Shed
05/04/17	1:15pm	Kiln Area	K-4 Baghouse Stack
05/04/17	1:15pm	Kiln Area	Kiln Feed Tanks
05/04/17	10:20am	#33	O'Brian Discharge
N/A	N/A	#49	#9 Tank Discharge
05/04/17	10:15am	#48	Crusher Oversize Return
05/04/17	10:20am	#40	Yogi Discharge 5/16
05/04/17	10:20am	#47	Symons Feed Belt

Annual Formal Survey For Attachment 50
Part 70 Permit # 0036

2nd Quarter

Visible Emissions other Than Uncombined water greater than zero percent for a period or periods Aggregating More than 3 Minutes in any one hour

Date	Time	Emissions Unit #	Emissions Unit Description	Yes	No	Initials
08/08/17	1:15pm	#30	Bunker Incline Belt		X	SF
Not in use		#31	Long Belt			
Not in use		#54	Bucket Elevator Discharge			
Not in use		#55	Continuation Discharge Belt #2			
08/08/17	1pm	E14	Tower Screen		X	SF
08/08/17	1pm	#29	Radial Stacker		X	SF
08/08/17	1pm	#26	K-3 Blue Belt		X	SF
08/08/17	1pm	#25	K-4 Blue Belt		X	SF
08/08/17	2:45pm	E1	Grizzly Housing		X	SF
08/08/17	2:45pm	E2 & E3	Syntron #1 & #2		X	SF
08/08/17	1:20pm	#15	Kiln Feed Tank Conveyor		X	SF
08/08/17	1:25pm	#18	K-4 Discharge Conveyor		X	SF
08/08/17	1:35pm	#19	K-3 Discharge Conveyor		X	SF
08/08/17	1:35pm	#20	K-3 Feed Conveyor		X	SF
08/08/17	1:35pm	#21	K-4 Feed Conveyor		X	SF
08/08/17	1:35pm	#24	K-4 Incline Conveyor		X	SF
Not in use		E39	Bucket Elevator #4			
Not in use		E38	Bucket Elevator #3			
08/08/17	3:30pm	N/A	Sand Loop Building		X	SF
Not in use		Finish End	9 Tank Silo			
08/08/17	3:30pm	E30	Vertical Impact Crusher		X	SF
08/08/17	2:45pm	Raw Material	Raw Material Processing Shed		X	SF
08/08/17	1:15pm	Kiln Area	K-4 Baghouse Stack		X	SF
08/08/17	1:20pm	Kiln Area	Kiln Feed Tanks		X	SF
08/08/17	10:20am	#33	O'Brian Discharge		X	SF
08/08/17	3:35pm	#49	#9 Tank Discharge		X	SF
08/08/17	10:15am	#48	Crusher Oversize Return		X	SF
08/08/17	10:20am	#40	Yogi Discharge 5/16		X	SF
08/08/17					X	
08/08/17	3:15pm	#47	Symons Feed Belt		X	SF
Not in use		#46	Crusher Bypass			
08/08/17	3:15pm	#45	Crusher Discharge		X	SF
08/08/17	3:40pm	#42	5/16 Crossover Belt		X	SF
08/08/17	3:40pm	#41	Yogi Discharge 1/4		X	SF
08/08/17	3:40pm	#36	Overstrom Discharge		X	SF
08/08/17	2:50pm	Raw Plant	Kiln Dust Baghouse		X	SF
08/08/17	3:55pm	Kiln Deck	Lime System Baghouse		X	SF
08/08/17	3:50pm	Finish End	Finish End Baghouse		X	SF
08/08/17	3:15pm	E3	Syntron #3		X	SF
Not in use		E37	K-4 Screw Conveyor			
Not in use		E36	K-3 Scew Conveyor			

Annual Formal Survey For Attachment 50
Part 70 Permit # 0036

3rd Quarter

Visible Emissions other Than Uncombined water greater than zero percent for a period or periods Aggregating More than 3 Minutes in any one hour

Date	Time	Emissions Unit #	Emissions Unit Description	Yes	No	Initials
10/17/17	7:55am	#30	Bunker Incline Belt		X	SF
Not in use		#31	Long Belt			
Not in use		#54	Bucket Elevator Discharge			
Not in use		#55	Continuation Discharge Belt #2			
10/17/17	7:45am	E14	Tower Screen		X	SF
10/17/17	7:45am	#29	Radial Stacker		X	SF
10/17/17	7:45am	#26	K-3 Blue Belt		X	SF
10/17/17	7:45am	#25	K-4 Blue Belt		X	SF
10/19/17	10:25am	E1	Grizzly Housing		X	SF
10/19/17	10:25am	E2	Syntron #1		X	SF
10/19/17	10am	#15	Kiln Feed Tank Conveyor		X	SF
10/19/17	9:40am	#18	K-4 Discharge Conveyor		X	SF
10/19/17	9:40am	#19	K-3 Discharge Conveyor		X	SF
10/19/17	9:45am	#20	K-3 Feed Conveyor		X	SF
10/19/17	9:45am	#21	K-4 Feed Conveyor		X	SF
10/19/17	9:40am	#24	K-4 Incline Conveyor		X	SF
Not in use		E39	Bucket Elevator #4			
Not in use		E38	Bucket Elevator #3			
10/17/17	7:55am	N/A	Sand Loop Building		X	SF
Not in use		Finish End	9 Tank Silo			
10/17/17	7:55Aam	E30	Vertical Impact Crusher		X	SF
10/19/17	10:10am	Raw Material	Raw Material Processing Shed		X	SF
10/19/17	9:30am	Kiln Area	K-4 Baghouse Stack		X	SF
10/19/17	9:30am	Kiln Area	Kiln Feed Tanks		X	SF
10/17/17	10:20am	#33	O'Brian Discharge		X	SF
10/17/17	8am	#49	#9 Tank Discharge		X	SF
10/17/17	8am	#48	Crusher Oversize Return		X	SF
10/17/17	10:20am	#40	Yogi Discharge 5/16		X	SF
10/17/17	7:55am	E3	Syntron #2		X	SF
10/17/17	7:55am	#47	Symons Feed Belt		X	SF
Not in use		#46	Crusher Bypass			
10/17/17	7:55am	#45	Crusher Discharge		X	SF
10/17/17	8:10am	#42	5/16 Crossover Belt		X	SF
10/17/17	8:10am	#41	Yogi Discharge 1/4		X	SF
10/17/17	8:10am	#36	Overstrom Discharge		X	SF
10/19/17	10:10am	Raw Plant	Kiln Dust Baghouse		X	SF
10/17/17	10:30am	Kiln Deck	Lime System Baghouse		X	SF
10/17/17	10:35am	Finish End	Finish End Baghouse		X	SF
10/17/17	10:10am	E3	Syntron #3		X	SF
Not in use		E37	K-4 Screw Conveyor			
Not in use		E36	K-3 Scew Conveyor			
10/17/17	7:45am	E18	K-4 Vibrating Conveyor		X	SF
10/17/17	7:45am	E17	K-3 Vibrating Conveyor		X	SF
Not in use		#52	Hopper Stacker			
Not in use		#39	9 Tank Discharge			

Annual Formal Survey For Attachment 50
Part 70 Permit # 0036

4th Quarter

Visible Emissions other Than Uncombined water greater than zero percent for a period or periods Aggregating More than 3 Minutes in any one hour

Date	Time	Emissions Unit #	Emissions Unit Description	Yes	No	Initials
03/13/18	2:30pm	#30	Bunker Incline Belt		X	SF
Not in use		#31	Long Belt			
Not in use		#54	Bucket Elevator Discharge			
Not in use		#55	Continuation Discharge Belt #2			
03/13/18	2:20pm	E14	Tower Screen		X	SF
03/13/18	2:20pm	#29	Radial Stacker		X	SF
03/13/18	2:20pm	#26	K-3 Blue Belt		X	SF
03/13/18	2:20pm	#25	K-4 Blue Belt		X	SF
03/13/18	8:40am	E1	Grizzly Housing		X	SF
03/13/18	8:40am	E2	Syntron #1		X	SF
03/13/18	8:20am	#15	Kiln Feed Tank Conveyor		X	SF
03/13/18	8:10am	#18	K-4 Discharge Conveyor		X	SF
03/13/18	8:10am	#19	K-3 Discharge Conveyor		X	SF
03/13/18	8:05am	#20	K-3 Feed Conveyor		X	SF
03/13/18	8:05am	#21	K-4 Feed Conveyor		X	SF
03/13/18	8:05am	#24	K-4 Incline Conveyor		X	SF
Not in use		E39	Bucket Elevator #4			
Not in use		E38	Bucket Elevator #3			
03/13/18	2:30pm	N/A	Sand Loop Building		X	SF
Not in use		Finish End	9 Tank Silo			
03/13/18	2:30pm	E30	Vertical Impact Crusher		X	SF
03/13/18	8:30am	Raw Material	Raw Material Processing Shed		X	SF
03/13/18	8:20am	Kiln Area	K-4 Baghouse Stack		X	SF
	8:20am	Kiln Area	Kiln Feed Tanks		X	SF
03/13/18	2:40pm	#33	O'Brian Discharge		X	SF
03/13/18	2:30pm	#49	#9 Tank Discharge		X	SF
03/13/18	2:30pm	#48	Crusher Oversize Return		X	SF
03/13/18	2:50pm	#40	Yogi Discharge 5/16		X	SF
03/13/18	2:30pm	E3	Syntron #2		X	SF
03/13/18	2:35pm	#47	Symons Feed Belt		X	SF
Not in use		#46	Crusher Bypass			
03/13/18	2:30pm	#45	Crusher Discharge		X	SF
03/13/18	2:50pm	#42	5/16 Crossover Belt		X	SF
03/13/18	2:50pm	#41	Yogi Discharge 1/4		X	SF
03/13/18	2:50pm	#36	Overstrom Discharge		X	SF
03/13/18	8:30am	Raw Plant	Kiln Dust Baghouse		X	SF
03/13/18	3:05pm	Kiln Deck	Lime System Baghouse		X	SF
03/13/18	2:55pm	Finish End	Finish End Baghouse		X	SF
03/13/18	2:35pm	E3	Syntron #3		X	SF
Not in use		E37	K-4 Screw Conveyor			
Not in use		E36	K-3 Scew Conveyor			
03/13/18	2:20pm	E18	K-4 Vibrating Conveyor		X	SF
03/13/18	2:20pm	E17	K-3 Vibrating Conveyor		X	SF
Not in use		#52	Hopper Stacker			
Not in use		#39	9 Tank Discharge			

APPENDIX F

PO0036PC7

Water Spray Logs

Water Sprays and Operational Inspection

Trinity ES&C Frazier Park Facility
(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 4/5/17 Time 8am

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 yes give explanation and action taken;

Out of service, sand conversion equipment has been removed

(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 yes give explanation and action taken;

Power screen was not run.

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

Maint. Technician
Signature/Date:

Inspected By ~~(print name)~~ Dayne Dunlap

Signature

Date 4/5/17

Water Sprays and Operational Inspection

Trinity ES&C Frazier Park Facility
(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 4/19/17 Time 9a

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 yes give explanation and action taken;

Out of service, sand conversion equipment has been removed

(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 yes give explanation and action taken;

Power screen was not run.

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

Maint. Technician
Signature/Date:

Inspected By (print name) Daniel Durkee

Signature

Date 4/19/17

Water Sprays and Operational Inspection

Trinity ES&C Frazier Park Facility
(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 5/3/17 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 yes give explanation and action taken;

Out of service, sand conversion equipment has been removed

(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 yes give explanation and action taken;

Power screen was not run.

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

Maint. Technician
Signature/Date:

Inspected By (print name) Daniel Dunker

Signature

Date 5/3/17

Water Sprays and Operational Inspection

Trinity ES&C Frazier Park Facility
(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 5/24/17 Time 9am

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 yes give explanation and action taken;

Out of service, sand conversion equipment has been removed

(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 yes give explanation and action taken;

Power screen was not run.

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

Maint. Technician
Signature/Date:

Inspected By (print name) David Dreer

Signature

Date 5/24/17

Water Sprays and Operational Inspection

Trinity ES&C Frazier Park Facility
(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 6/14/17 Time 8:30 am

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 yes give explanation and action taken;

Out of service, sand conversion equipment has been removed

(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 yes give explanation and action taken;

Power screen was not run.

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

Maint. Technician
Signature/Date:

Inspected By (print name) Daniel Dunker

Signature Daniel Dunker

Date 6/14/17

Water Sprays and Operational Inspection

Trinity ES&C Frazier Park Facility
(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 6/28/17 Time 9a

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 yes give explanation and action taken;

Out of service, sand conversion equipment has been removed

(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 yes give explanation and action taken;

Power screen was not run.

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

Maint. Technician
Signature/Date:

Inspected By (print name) Daniel Dunker

Signature

Date 6/28/17

Water Sprays and Operational Inspection

Trinity ES&C Frazier Park Facility
(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 7/12/17 Time 8a

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 yes give explanation and action taken;

Out of service, sand conversion equipment has been removed

(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 yes give explanation and action taken;

Power screen was not run.

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

Maint. Technician
Signature/Date:

Inspected By ~~(print name)~~ David Dunkel

Signature

Date 7/12/17

Water Sprays and Operational Inspection

Trinity ES&C Frazier Park Facility
(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 7/24/17 Time 10

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 yes give explanation and action taken;

Out of service, sand conversion equipment has been removed

(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 yes give explanation and action taken;

Power screen was not run.

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

Maint. Technician
Signature/Date:

Inspected By (print name) Daniel Parker

Signature

Date 7/26/17

Water Sprays and Operational Inspection

Trinity ES&C Frazier Park Facility
(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 8/9/17 Time 9a

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 yes give explanation and action taken;

Out of service, sand conversion equipment has been removed

(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 yes give explanation and action taken;

Power screen was not run.

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

Maint. Technician
Signature/Date:

Inspected By (print name) Daniel Drake

Signature

Date 8/9/17

Water Sprays and Operational Inspection

Trinity ES&C Frazier Park Facility
(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 8/23/17 Time 9

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 yes give explanation and action taken;

Out of service, sand conversion equipment has been removed

(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 yes give explanation and action taken;

Power screen was not run.

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

Maint. Technician
Signature/Date:

Inspected By (print name) David Dunker

Signature

Date 8/23/17

Water Sprays and Operational Inspection

Trinity ES&C Frazier Park Facility
(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 9/7/17 Time 9a

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 yes give explanation and action taken;

Out of service, sand conversion equipment has been removed

(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 yes give explanation and action taken;

Power screen was not run.

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

Maint. Technician
Signature/Date:

Inspected By (print name) Daniel Drake

Signature

Date 9/8/17

Water Sprays and Operational Inspection

Trinity ES&C Frazier Park Facility
(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 9/21/17 Time 9—

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 yes give explanation and action taken;

Out of service, sand conversion equipment has been removed

(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 yes give explanation and action taken;

Power screen was not run.

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

Maint. Technician
Signature/Date:

Inspected By (print name) Daniel Durkee

Signature

Date 9/21/17

Water Sprays and Operational Inspection

Trinity ES&C Frazier Park Facility
(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 10/11/17 Time 9a

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 yes give explanation and action taken;

Out of service, sand conversion equipment has been removed

(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 yes give explanation and action taken;

Power screen was not run.

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

Maint. Technician
Signature/Date:

Inspected By (print name) Daniel Dunker

Signature

Date 10/11/17

Water Sprays and Operational Inspection

Trinity ES&C Frazier Park Facility
(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 10/25/17 Time 9

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 yes give explanation and action taken;

Out of service, sand conversion equipment has been removed

(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 yes give explanation and action taken;

Power screen was not run.

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

Maint. Technician
Signature/Date:

Inspected By (print name) Daniel Dunn

Signature

Date 10/25/17

Water Sprays and Operational Inspection

Trinity ES&C Frazier Park Facility
(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 11/8/17 Time 9a

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 yes give explanation and action taken;

Out of service, sand conversion equipment has been removed

(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 yes give explanation and action taken;

Power screen was not run.

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

Maint. Technician
Signature/Date:

Inspected By (print name) Donald Dunker

Signature

Date 11/8/17

Water Sprays and Operational Inspection

Trinity ES&C Frazier Park Facility
(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 11/22/17 Time 9—

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 yes give explanation and action taken;

Out of service, sand conversion equipment has been removed

(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 yes give explanation and action taken;

Power screen was not run.

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

Maint. Technician
Signature/Date:

Inspected By (print name) Daniel Dunlap

Signature

Date 11/22/17

Water Sprays and Operational Inspection

Trinity ES&C Frazier Park Facility
(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 12/13/17 Time 8—

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 yes give explanation and action taken;

Out of service, sand conversion equipment has been removed

(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 yes give explanation and action taken;

Power screen was not run.

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

Maint. Technician
Signature/Date:

Inspected By (print name) Daniel Dunker

Signature

Date 12/13/17

Water Sprays and Operational Inspection

Trinity ES&C Frazier Park Facility
(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 12/27/17 Time 9a

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 yes give explanation and action taken;

Out of service, sand conversion equipment has been removed

(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 yes give explanation and action taken;

Power screen was not run.

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

Maint. Technician
Signature/Date:

Inspected By (print name) Daniel Dirks

Signature

Date 12/27/17

Water Sprays and Operational Inspection

Trinity ES&C Frazier Park Facility
(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 1/10/18 Time 9a

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 yes give explanation and action taken;

Out of service, sand conversion equipment has been removed

(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 yes give explanation and action taken;

Power screen was not run.

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

Maint. Technician
Signature/Date:

Inspected By (print name) David Duke

Signature

Date 1/10/18

Water Sprays and Operational Inspection

Trinity ES&C Frazier Park Facility
(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 1/30/18 Time 9a

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 yes give explanation and action taken;

Out of service, sand conversion equipment has been removed

(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 yes give explanation and action taken;

Power screen was not run.

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

Maint. Technician
Signature/Date:

Inspected By (print name) Daniel Decker

Signature

Date 1/30/18

Water Sprays and Operational Inspection

Trinity ES&C Frazier Park Facility
(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 2/7/18 Time 9:30a

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 yes give explanation and action taken;

Out of service, sand conversion equipment has been removed

(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 yes give explanation and action taken;

Power screen was not run.

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

Maint. Technician
Signature/Date:

Inspected By (print name) Daniel Dunker

Signature

Date 2/7/18

Water Sprays and Operational Inspection

Trinity ES&C Frazier Park Facility
(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 2/21/18 Time 10a

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 yes give explanation and action taken;

Out of service, sand conversion equipment has been removed

(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 yes give explanation and action taken;

Power screen was not run.

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

Maint. Technician
Signature/Date:

Inspected By (print name) Daniel Parker

Signature

Date 2/21/18

Water Sprays and Operational Inspection

Trinity ES&C Frazier Park Facility
(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 3/14/18 Time 9

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 yes give explanation and action taken;

Out of service, sand conversion equipment has been removed

(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 yes give explanation and action taken;

Power screen was not run.

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

Maint. Technician
Signature/Date:

Inspected By (print name) Daniel Parker

Signature

Date 3/14/18

Water Sprays and Operational Inspection

Trinity ES&C Frazier Park Facility
(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 3/27/18 Time 9

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 yes give explanation and action taken;

Out of service, sand conversion equipment has been removed

(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 yes give explanation and action taken;

Power screen was not run.

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

Maint. Technician
Signature/Date:

Inspected By (print name) Daniel Parker

Signature

Date 3/27/18

APPENDIX G

PO0036PC2 Condition 3

CEMS Log

LWFP LLC Frazier Park
Permit Number 0036
PO0036PC3 Condition 2

PM Emissions
Summary sheet
April 1, 2017 - March 31, 2018

Device	Date	Period	Comment
Visuals	April	2017	Visuals were done no dust seen.
Visuals	May	2017	Visuals were done no dust seen.
Visuals	June	2017	Visuals were done no dust seen.
Visuals	July	2017	Visuals were done no dust seen.
Visuals	August	2017	Visuals were done no dust seen.
Visuals	September	2017	Visuals were done no dust seen.
Visuals	October	2017	Visuals were done no dust seen.
Visuals	November	2017	Visuals were done no dust seen.
Visuals	December	2017	Visuals were done no dust seen.
Visuals	January	2018	Visuals were done no dust seen.
Visuals	February	2018	Visuals were done no dust seen.
Visuals	March	2018	Visuals were done no dust seen.

LWFP LLC Frazier Park
Frazier Park California
Permit Number 0036

CEMS Summary Log Kilns #3 and #4
O2 Probe break down periods
April 1, 2017 - March 31, 2018

Device	Date	Period	Comment
O2 analyzer	2/2/2018	8:00am	K-4 O2 sensor did not calibrate, replaced sensor and calibrated the unit with no further issue.

Data_Periods_17/18

LWFP LLC Frazier Park
Permit Number 0036
PO0036PC2 Condition 3

Break down Periods
GM-35 Co Break down summary
April 1, 2017 - March 31, 2018

Device	Date	Period	Comment
GM-35	12/21/2017	12:21am to 6:28am	GM-35 went into error, with a fish code of comunication error. technician worked on the comunication failure, got that to clear and the error cleared up, GM-35 is running.
GM-35	12/24/2017	8:am	K-3 GM-35 went into error replaced the bad part, but the new part also faulty and did not work, another one was not availble due to holiday. Called for a variance to run. we received the part and replaced it on 1/4/2018. GM-35 running good.