

Trinity ES&C

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

May 7, 2014

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

LW FP LLC DBA Trinity Frazier Park
APCD Permit to Operate No. 00036
RE: Annual Emission Compliance Certification

RECEIVED
MAY 19 AM 10:30
A.P.C.D.

Dear Sirs:

LW FP LLC Trinity Frazier Park Plant is enclosing the annual compliance certification report.

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

Sincerely,



Mark Mathis
Plant Manager
Trinity-Frazier Park

Enclosure

Cc: Mr. Gerardo Rios, Chief-w/enc
Permits Office (AIR-3)
Office of Air Division
EPA Region 9
75 Hawthorne Street
San Francisco, CA 94105

Steve Fernandes- LW FP LLC-w/enc



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:  Title: <i>Plant Manager</i>	Date: <i>5-13-14</i>
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Time Period Covered by Compliance Certification <i>04 / 01 /13 (MM/DD/YY) to 03 /31 /14 (MM/DD/YY)</i>



Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04/01/13 (MM/DD/YY) to 03/31/14(MM/DD/YY)

<p>A. Attachment # or Permit Condition #: 40 CFR Part 60, Subpart 000, 08.31.83</p>	<p>D. Frequency of monitoring:</p> <p>Annual certification ; As requested by VCAPCD</p>
<p>B. Description: Conditions 1-13</p> <p>Standards of performance for Nonmetallic Mineral Processing Facilities for equipment installed before August 31, 1983</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p> <p>None requested in addition to required compliance testing</p> <p>EPA Methods 5, 17, 9 or 22</p>
<p>C. Method of monitoring:</p> <p>Source Tests and opacity reading upon request of VCAPCD. EPA Method 5, EPA Method 17, EPA Method 9, and EPA Method 22 Annual certification</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO0036PC1 Condition #1</p>	<p>D. Frequency of monitoring:</p> <p>Monthly throughput and consumption records- Attached in Appendix A and Appendix B as applicable</p>
<p>B. Description:</p> <p>Rule 26 General Recordkeeping</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p> <p>Not Applicable</p>
<p>C. Method of monitoring:</p> <p>-Submittal of Annual Compliance Certification -Monthly records of throughput and consumption</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO0036PC1 Condition #2</p>	<p>D. Frequency of monitoring:</p> <p>Annual compliance statement. Recordkeeping of non-exempt solvent usage-N/A this reporting period</p>
<p>B. Description:</p> <p>Rule 29 Solvent Recordkeeping</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p> <p>Not Applicable</p>
<p>C. Method of monitoring:</p> <p>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.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>



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Period Covered by Compliance Certification: 04/01/13 (MM/DD/YY) to 03/31/14 (MM/DD/YY)

A. Attachment # or Permit Condition #: PO0036PC2 Condition #1	D. Frequency of monitoring: Consumption data and calculations attached in Appendix B.
B. Description: Rule 26- Annual Natural Gas consumption limits for Kilns Nos 3 and 4.	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): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: PO0036PC2 Condition 2	D. Frequency of monitoring: Annual- See Attached Source Test Form
B. Description: Rules 26, 68, and 103 NOx and CO emission limits for Kiln Nos. 3 and 4	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): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: PO0036PC2 Condition 3	D. Frequency of monitoring: Annual- See Attached Source Test Form and Appendix G CEMS log
B. Description: Rules 103 NOx and CO CEMs for Kiln Nos. 3 and 4. Per 40 CFR Part 51, Appendix P.	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): <u>Y</u> G. Compliance Status? (C or I): <u>I</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>Y</u> *If yes, attach Deviation Summary Form



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

<p>A. Attachment # or Permit Condition #: PO0036PC2 Condition 5</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: Reporting Emission Violations</p>	<p>Within 96 hours NOx and/or CO violations reported in writing</p>
<p>C. Method of monitoring: District Rule 103- 96 hour written notification of violations of NOx and/or CO violations.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Not Applicable</p>
	<p>F. Currently in Compliance? (Y or N): <u> Y </u></p> <p>G. Compliance Status? (C or I): <u> C </u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u> N </u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO0036PC2 Condition 6</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: CEMS Data</p>	<p>CEM continuous data collections during affected source operating hours.</p>
<p>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).</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Not Applicable</p>
	<p>F. Currently in Compliance? (Y or N): <u> Y </u></p> <p>G. Compliance Status? (C or I): <u> C </u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u> N </u> *If yes, attach Deviation Summary Form</p>



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<p>A. Attachment # or Permit Condition #: PO0036PC2 Condition 7</p>	<p>D. Frequency of monitoring: Annual RATA- See Attached Source Test Form</p>
<p>B. Description: Annual RATA Testing for CEMs</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable ARB Method 100 and ARB Method 2</p>
<p>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.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO0036PC3 Condition 1</p>	<p>D. Frequency of monitoring: Production Records Attached in Appendix A</p>
<p>B. Description: Production limit parameters and particulate matter emission limits for Kilns 3 and 4</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Daily, monthly and twelve month rolling average records of light weight aggregate produced.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO0036PC3 Condition 2</p>	<p>D. Frequency of monitoring: Annual- See Attached Source Test Form</p>
<p>B. Description: Particulate matter emission limits for Kilns 3 and 4</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable CARB Method 5</p>
<p>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.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>



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<p>A. Attachment # or Permit Condition #: PO0036PC3 Condition 3</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: Particulate and opacity emission limits for Kilns 3 and 4.</p>	<p>Recordkeeping</p>
<p>C. Method of monitoring: Kilns to have bag houses installed and no visible emissions from kiln hoods, kilns seals or kiln exhaust ducts (upstream of bag houses). Records to be kept on-site per other conditions of permit.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>F. Currently in Compliance? (Y or N): <u> Y </u></p> <p>G. Compliance Status? (C or I): <u> C </u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u> N </u> *If yes, attach Deviation Summary Form</p>	

<p>A. Attachment # or Permit Condition #: PO0036PC3 Condition 4</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: Opacity limits for Kilns 3 and 4</p>	<p>Broken Bag house Leak Detector monitored during affected source operation hours.</p>
<p>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 bag house is equipped with a CPM 750 bag house 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)</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable EPA Method 9</p>
<p>F. Currently in Compliance? (Y or N): <u> Y </u></p> <p>G. Compliance Status? (C or I): <u> C </u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u> N </u> *If yes, attach Deviation Summary Form</p>	

<p>A. Attachment # or Permit Condition #: PO0036PC3 Condition 5</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: Kilns 3 and 4 bag house inspection observations and recordkeeping</p>	<p>Daily, monthly and quarterly logs.</p>
<p>C. Method of monitoring: Daily, weekly and quarterly bag house inspection logs.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>F. Currently in Compliance? (Y or N): <u> Y </u></p> <p>G. Compliance Status? (C or I): <u> C </u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u> N </u> *If yes, attach Deviation Summary Form</p>	



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<p>A. Attachment # or Permit Condition #: PO0036PC3 Condition 6</p>	<p>D. Frequency of monitoring: Annual Stack test- Per Condition 2</p>
<p>B. Description: Particulate matter limits per VCAPCD Rule 52 and Rule 53 for Kilns 3 and 4.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>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 meet this requirement (as stated by Po0036PC3 Condition 7).</p>	<p>F. Currently in Compliance? (Y or N): <u> Y </u> G. Compliance Status? (C or I): <u> C </u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u> N </u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO0036PC3 Condition 7</p>	<p>D. Frequency of monitoring: Annual- See Attached Source Test Form</p>
<p>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.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable CARB Method 5</p>
<p>C. Method of monitoring: Annual stack testing CARB Method 5 per Permit PO0036PC3 Condition 2.</p>	<p>F. Currently in Compliance? (Y or N): <u> Y </u> G. Compliance Status? (C or I): <u> C </u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u> N </u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO0036PC3 Condition 8</p>	<p>D. Frequency of monitoring: Annual- See Attached Source Test Form</p>
<p>B. Description: Particulate Matter emission limits and recordkeeping for CAM for Kilns 3 and 4.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable CARB Method 5</p>
<p>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</p>	<p>F. Currently in Compliance? (Y or N): <u> Y </u> G. Compliance Status? (C or I): <u> C </u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u> N </u> *If yes, attach Deviation Summary Form</p>



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<p>A. Attachment # or Permit Condition #: PO0036PC3 Condition 9</p>	<p>D. Frequency of monitoring: Monthly Report to VCAPCD</p>
<p>B. Description: Monthly report submittal of clay processed, bag house temperature, and Broken Bag Detector Data</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Monthly Report to VCAPCD</p>	<p>F. Currently in Compliance? (Y or N): <u> Y </u> G. Compliance Status? (C or I): <u> C </u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u> N </u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO00036PC4</p>	<p>D. Frequency of monitoring: Recordkeeping and Annual Compliance Statement</p>
<p>B. Description: Rule 26- Standby Feed System Annual certification that the Primary System and the standby raw material system were not run simultaneously.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Recordkeeping demonstrating compliance. An 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.</p>	<p>F. Currently in Compliance? (Y or N): <u> Y </u> G. Compliance Status? (C or I): <u> C </u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u> N </u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO0036PC5 Condition 1</p>	<p>D. Frequency of monitoring: Recordkeeping</p>
<p>B. Description: Rule 26- Extrusion Process Using Diesel #2 or Biodiesel only</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Recordkeeping</p>	<p>F. Currently in Compliance? (Y or N): <u> Y </u> G. Compliance Status? (C or I): <u> C </u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u> N </u> *If yes, attach Deviation Summary Form</p>



Ventura County
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Period Covered by Compliance Certification: 04/01/13 (MM/DD/YY) to 03/31/14 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: PO0036PC5 Condition 2</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: Rule 26- Extrusion Process Using Diesel #2 or Biodiesel annual use of 150,000 gallons/year</p>	<p>Recordkeeping</p>
<p>C. Method of monitoring: Recordkeeping</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p>
	<p>G. Compliance Status? (C or I): <u>C</u></p>
	<p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO0036PC5 Condition 3</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: Rule 26- Extrusion Process Using Diesel #2 or Biodiesel Recordkeeping for delivery, and use of Diesel # or Biodiesel</p>	<p>Recordkeeping</p>
<p>C. Method of monitoring: Fuel supplier and delivery recordkeeping, as well as monthly usage</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p>
	<p>G. Compliance Status? (C or I): <u>C</u></p>
	<p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO0036PC5 Condition 4</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: Extrusion Process Using Diesel #2 or Biodiesel reporting to VCAQMD monthly of deliveries, amount and supplier.</p>	<p>Monthly</p>
<p>C. Method of monitoring: Report to VCAQMD</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p>
	<p>G. Compliance Status? (C or I): <u>C</u></p>
	<p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>



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<p>A. Attachment # or Permit Condition #: PO0036PC5 Condition 5</p>	<p>D. Frequency of monitoring:</p>
<p>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</p>	<p>Fuel Delivery Data is attached in Appendix C</p>
<p>C. Method of monitoring: Sulfur testing data or supplier testing data provided in annual certification</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO0036PC5 Condition 6</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: Extrusion Process Using Biodiesel supplier certification that deliveries meet ASTM D-6751.</p>	<p>Fuel Delivery Data is attached in Appendix C</p>
<p>C. Method of monitoring: Recordkeeping of deliveries. Submittal of data in annual certification.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO0036PC6</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: Finish Product moisture content shall be maintained at greater than or equal to 3% moisture by weight.</p>	<p>Quarterly analysis attached in Appendix D</p>
<p>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.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>



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<p>A. Attachment # or Permit Condition #: PO0036PC7 Conditions 1, 2, 5 and 6</p>	<p>D. Frequency of monitoring:</p> <p>Quarterly Readings are Attached in Appendix E</p>
<p>B. Description:</p> <p>40 CFR Part 60 Subpart OOO visual dust limits and Monitoring</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring:</p> <p>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 VCAQMD.</p>	<p>F. Currently in Compliance? (Y or N): <u> Y </u></p> <p>G. Compliance Status? (C or I): <u> C </u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u> N </u></p> <p>*If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO0036PC7 Conditions 3 and 4</p>	<p>D. Frequency of monitoring:</p> <p>Water Spray logs are Attached in Appendix F</p>
<p>B. Description:</p> <p>Installation and Monitoring of water sprays for fugitive dust control</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring:</p> <p>Recordkeeping- Log of inspections conducted every two weeks on water spray equipment. No applicable equipment was in operation for the compliance period.</p>	<p>F. Currently in Compliance? (Y or N): <u> Y </u></p> <p>G. Compliance Status? (C or I): <u> C </u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u> N </u></p> <p>*If yes, attach Deviation Summary Form</p>

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



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<p>A. Attachment # or Permit Condition #: PO00036PC8 Conditions 4, 5 and 6</p>	<p>D. Frequency of monitoring: Recordkeeping Daily, Weekly and Quarterly. Attached in Appendix E</p>
<p>B. Description: Particulate Matter Emissions visible emissions limit of 20% for Finish End Baghouse Inspections and Recordkeeping.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>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.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO00036PC9 Conditions 1, 2, 3, 4, 6, 8, 9, 10, 11</p>	<p>D. Frequency of monitoring: Annual RATA and source testing. Hourly CEM emissions recordkeeping and lime usage.</p>
<p>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.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable See Attached Source Test Form Annual RATA</p>
<p>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.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

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



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<p>A. Attachment # or Permit Condition #: Attachment 50- Rule 50 - Opacity Condition 1</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: General Applicable Requirements</p> <p>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</p>	<p>Annual (compliance certification) and per requirement shown below in Conditions 2,3, and 4</p>
<p>C. Method of monitoring :</p> <p>Routine, periodic surveillance and visual inspections with details per Conditions No 2, # 3., and # 4</p> <p>Annual Compliance Certification</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>F. Currently in Compliance? (Y or N): <u> Y </u></p> <p>G. Compliance Status? (C or I): <u> C </u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u> N </u></p> <p>*If yes, attach Deviation Summary Form</p>	
<p>A. Attachment # or Permit Condition #: Attachment 50 – Rule 50-Opacity –Condition 2</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: General Applicable Requirements</p> <p>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</p>	<p>Annual (compliance certification) and periodic routine surveys and inspections</p>
<p>C. Method of monitoring:</p> <p>Periodic surveys and visual inspection. . Records maintained on site and submitted to the District upon request</p> <p>Annual compliance certification</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Not applicable</p>
<p>F. Currently in Compliance? (Y or N): <u> Y </u></p> <p>G. Compliance Status? (C or I): <u> C </u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u> N </u></p> <p>*If yes, attach Deviation Summary Form</p>	
<p>A. Attachment # or Permit Condition #: Attachment 50 –Rule 50 Opacity –Condition 3</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: General Applicable Requirements</p> <p>On quarterly basis, verify all emission units are complying with Rule 50</p>	<p>Visible Emissions in Appendix E</p>
<p>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..</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Opacity via EPA Method 9 as applicable.</p>
<p>F. Currently in Compliance? (Y or N): <u> Y </u></p> <p>G. Compliance Status? (C or I): <u> C </u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u> N </u></p> <p>*If yes, attach Deviation Summary Form</p>	



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<p>A. Attachment # or Permit Condition #: #: Attachment 50 Rule 50 Condition 4</p>	<p>D. Frequency of monitoring: Annual (compliance certification) and Per FDRP</p>
<p>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 trackout, and use of posted speed limits on unpaved haul roads</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Not applicable</p>
<p>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</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: Attachment 54 .B.1-36 Rule 54.B.1</p>	<p>D. Frequency of monitoring: Annual (compliance certification)</p>
<p>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</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Annual compliance certification Monitoring requirement under Rule 64 (district has determined that compliance with Rule 64 ensures compliance with Rule 54.B.1)</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: Attachment 54.B.2-Sulfur compounds</p>	<p>D. Frequency of monitoring: Annual (compliance certification)</p>
<p>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</p>	<p>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</p>
<p>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.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>



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<p>A. Attachment # or Permit Condition #: Attachment 64.B.1 Sulfur content gaseous fuels</p> <p>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</p> <p>C. Method of monitoring: Annual compliance certification Not 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.</p>	<p>D. Frequency of monitoring: Annual (compliance certification)</p> <p>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)</p> <p>F. Currently in Compliance? (Y or N) <u> Y </u></p> <p>G. Compliance Status? (C or I) <u> C </u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N) <u> N </u> *If yes, attach Deviation Summary Form</p>
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<p>A. Attachment # or Permit Condition #: Attachment 64.B.2 -Sulfur Content Liquid Fuels</p> <p>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</p> <p>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 or ARB-certified diesel fuels is being combusted, the permitted shall obtain the fuel supplier's certification or 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</p>	<p>D. Frequency of monitoring: Annual (compliance certification)</p> <p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Not applicable</p> <p>F. Currently in Compliance? (Y or N): <u> Y </u></p> <p>G. Compliance Status? (C or I): <u> C </u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u> N </u> *If yes, attach Deviation Summary Form</p>
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<p>A. Attachment # or Permit Condition #: Attachment 74.6</p> <p>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</p> <p>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.</p>	<p>D. Frequency of monitoring: Annual (compliance certification)</p> <p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Not applicable</p> <p>F. Currently in Compliance? (Y or N): <u> Y </u></p> <p>G. Compliance Status? (C or I): <u> C </u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u> N </u> *If yes, attach Deviation Summary Form</p>
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<p>A. Attachment # or Permit Condition #: Attachment 74.11.1 Water Heaters and Boilers</p>	<p>D. Frequency of monitoring: Annual (compliance certification)</p>
<p>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.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Not applicable</p>
<p>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.</p>	<p>F. Currently in Compliance? (Y or N): <u> Y </u></p> <p>G. Compliance Status? (C or I): <u> C </u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u> N </u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: Attachment 74.22 Central Furnace</p>	<p>D. Frequency of monitoring: Annual (compliance certification)</p>
<p>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.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Not applicable</p>
<p>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.</p>	<p>F. Currently in Compliance? (Y or N): <u> Y </u></p> <p>G. Compliance Status? (C or I): <u> C </u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u> N </u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: Attachment 74.1-Abrasive Blasting</p>	<p>D. Frequency of monitoring: Annual (compliance certification)</p>
<p>B. Description General requirement for Short-term activities Rule 74.1 Abrasive Blasting Routine surveillance and visual inspections and records of abrasive blasting operation</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>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.</p>	<p>F. Currently in Compliance? (Y or N): <u> Y </u></p> <p>G. Compliance Status? (C or I): <u> C </u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u> N </u> *If yes, attach Deviation Summary Form</p>



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<p>A. Attachment # or Permit Condition #: Attachment 74.2</p>	<p>D. Frequency of monitoring: Annual (compliance certification) and routine periodic monitoring</p>
<p>B. Description: Rule 74.2 Architectural Coating</p> <p>The VOC content of architectural coatings shall not exceed the following standards, unless exempt: VOC in flat coatings less than 100 grams/liter; VOC in 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.</p>	<p>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</p>
<p>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.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

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

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



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<p>A. Attachment # 40 CFR Part 60, Subpart OOO (4.22.08) Condition #1</p> <p>For equipment installed or modified after April 22, 2008</p> <p>Description::</p> <p>No stack emissions from any transfer point on belt conveyor which contain particulate in excess of 0.032 g/dscm.</p>	<p>D. Frequency of monitoring:</p> <p>Upon request of VCAPCD</p>
<p>C. Method of monitoring:</p> <p>N/A-No uncontrolled stack emission for transfer point</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p> <p>None requested in addition to required compliance testing</p> <p>EPA Methods 5, 17, 9 or 22</p> <p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>

<p>A. Attachment # 40 CFR Part 60, Subpart OOO (4.22.08) Condition #2</p> <p>B. Description:</p> <p>Fugitive emissions from belt conveyor transfer points shall not exhibit greater than 7 percent opacity</p>	<p>D. Frequency of monitoring:</p> <p>Routine , periodic visible emission monitoring</p>
<p>C. Method of monitoring:</p> <p>-Submittal of Annual Compliance Certification</p> <p>-Facility records routine periodic visible emission monitoring</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p> <p>Not Applicable</p> <p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>

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



Ventura County
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<p>A. Attachment # 40 CFR Part 60, Subpart OOO (4.22.08) Condition #4</p>	<p>D. Frequency of monitoring: Annual certification; Routine periodic visible emission monitoring</p>
<p>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.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Not Applicable</p>
<p>C. Method of monitoring: Annual certification Routine periodic visible emission monitoring</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

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

<p>A. Attachment # 40 CFR Part 60, Subpart OOO (4.22.08) Condition #6, #7, #8</p>	<p>D. Frequency of monitoring: Annual- certification</p>
<p>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.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: -Annual compliance certification</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>



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ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04/01/13 (MM/DD/YY) to 03/31/14 (MM/DD/YY)

<p>A. Attachment # 40 CFR Part 60, Subpart OOO (4.22.08) Condition #9</p>	<p>D. Frequency of monitoring: Annual certification: periodic routine application</p>
<p>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.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Annual RATA</p>
<p>C. Method of monitoring: -Annual compliance certification Logs of water spray application (for applicable equipment that is operating)</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # 40 CFR Part 60, Subpart OOO (4.22.08) Condition #10, #11</p>	<p>D. Frequency of monitoring: Annual compliance certification</p>
<p>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.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Not Applicable</p>
<p>C. Method of monitoring: N/A., no wet scrubbers have been installed after April 22, 2008 Annual compliance certification</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # 40 CFR Part 60, Subpart OOO (4.22.08) Condition #12</p>	<p>D. Frequency of monitoring: Routine periodic visible emission monitoring ; annual certification</p>
<p>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.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Not Applicable</p>
<p>C. Method of monitoring: Annual compliance certification Logs of routine periodic monitoring and visible emission monitoring.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>



ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04/01/13 (MM/DD/YY) to 03/31/14 (MM/DD/YY)

<p>A. Attachment # 40 CFR Part 60, Subpart OOO (4.22.08) Condition #13</p>	<p>D. Frequency of monitoring: Annual certificaion</p>
<p>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.</p>	<p>E.</p>
<p>C. Method of monitoring: Annual compliance certificaion</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #:</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description:</p>	<p>E.</p>
<p>C. Method of monitoring:</p>	<p>F. Currently in Compliance? (Y or N): _____</p> <p>G. Compliance Status? (C or I): _____</p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): _____ *If yes, attach Deviation Summary Form</p>

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



Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 03/01/13 (MM/DD/YY) to 03/31/14 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: Attachment 55- Rule 55: Fug. Dust ,Condition 1</p> <p>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</p>	<p>D. Frequency of monitoring: Annual (compliance certification) and routine periodic surveillance</p> <p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>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</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>
<p>A. Attachment # or Permit Condition #: Attachment 55 –Rule 55 -Fug. Dust, Condition 2</p> <p>B. Description: Per General Applicable Requirements Rule 55.B.2 No discharge of fugitive dust from applicable source such that emission from source creates greater than 20% opacity for more than 3 minutes (cumulative) within 1 hour.</p>	<p>D. Frequency of monitoring: Annual (compliance certification) and periodic inspections..</p> <p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable. Not applicable</p>
<p>C. Method of monitoring: Periodic routine visual inspection. Annual compliance certification</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>
<p>A. Attachment # or Permit Condition #: Attachment 55-Rule 55 Fug. Dust –Condition 3</p> <p>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</p>	<p>D. Frequency of monitoring: Periodic visual inspection and annual compliance certification</p> <p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Not applicable</p>
<p>C. Method of monitoring: Records and periodic inspection. Annual compliance certification</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>



Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04/01/13 (MM/DD/YY) to 03/31/14 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: #. Attachment 55-Rule 55 Fug Dust, Condition 4</p>	<p>D. Frequency of monitoring: Annual (compliance certification)</p>
<p>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</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Not applicable</p>
<p>C. Method of monitoring: General Applicable Requirements Annual Compliance certification; Records and Reports maintained at the facility</p>	<p>F. Currently in Compliance? (Y or N): <u> Y </u> G. Compliance Status? (C or I): <u> C </u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u> N </u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: Attachment 55.C</p>	<p>D. Frequency of monitoring: Annual (compliance certification)</p>
<p>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.</p>	<p>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</p>
<p>C. Method of monitoring: Annual compliance certification; records and reports maintained at the facility</p>	<p>F. Currently in Compliance? (Y or N): <u> Y </u> G. Compliance Status? (C or I): <u> C </u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u> N </u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: Attachment 55.E- Recordkeeping – Condition 6</p>	<p>D. Frequency of monitoring: Annual (compliance certification)</p>
<p>B. Description: General Applicable Requirements Comply with recordkeeping requirements in 55.E , as applicable</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Not applicable</p>
<p>C. Method of monitoring: Annual Compliance Certification Records and reports maintained at the facility</p>	<p>F. Currently in Compliance? (Y or N): <u> Y </u> G. Compliance Status? (C or I): <u> C </u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u> N </u> *If yes, attach Deviation Summary Form</p>



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Period Covered by Compliance Certification: 04/01/13 (MM/DD/YY) to 03/31/14 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: Attachment 55- Rule 55:Condition 7</p>	<p>D. Frequency of monitoring: Annual (compliance certification)</p>
<p>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.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Annual compliance certification</p>	<p>F. Currently in Compliance? (Y or N): <u> Y </u> G. Compliance Status? (C or I): <u> C </u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u> N </u> *If yes, attach Deviation Summary Form</p>

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

<p>A. Attachment # or Permit Condition : Attachment 55-Rule 55</p>	<p>D. Frequency of monitoring: Annual (compliance certification)</p>
<p>B. Description: General Applicable Requirements-</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Not applicable</p>
<p>C</p>	<p>F. Currently in Compliance? (Y or N): <u> </u> G. Compliance Status? (C or I): <u> </u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u> </u> *If yes, attach Deviation Summary Form</p>



ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04/01/13 (MM/DD/YY) to 03/31/14 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: PO00035PC10-rev261-Condition 1</p>	<p>D. Frequency of monitoring: Annual (compliance certification)</p>
<p>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</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Annual compliance certification;</p>	<p>F. Currently in Compliance? (Y or N): <u> Y </u> G. Compliance Status? (C or I): <u> C </u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u> N </u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO00035PC10-rev261-Condition 2</p>	<p>D. Frequency of monitoring: Annual compliance certification and source test See attached source test summary form</p>
<p>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.</p>	<p>E. Source test reference method, if applicable. See Attached Source Test Summary Form Method CARB 5</p>
<p>C. Method of monitoring: Annual compliance certification Source test results</p>	<p>F. Currently in Compliance? (Y or N): <u> Y </u> G. Compliance Status? (C or I): <u> C </u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u> N </u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO00035PC10-rev261-Condition 3</p>	<p>D. Frequency of monitoring: Annual (compliance certification)</p>
<p>B. Description Per Rule 26, ,baghouse dust collectors for applicable equipment maintained in good working order and dust handled in enclosed conveyers</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Not applicable</p>
<p>C. Method of monitoring: Annual Compliance Certification Maintenance records</p>	<p>F. Currently in Compliance? (Y or N): <u> Y </u> G. Compliance Status? (C or I): <u> C </u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u> N </u> *If yes, attach Deviation Summary Form</p>



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Period Covered by Compliance Certification: 04/ 01 /13 (MM/DD/YY) to 03/31 /14 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: PO00035PC10-rev261-Condition 4</p>	<p>D. Frequency of monitoring: Annual (compliance certification and routine periodic monitoring)</p>
<p>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</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Annual compliance certification ; Routine surveillance records of periodic monitoring</p>	<p>F. Currently in Compliance? (Y or N): <u> Y </u> G. Compliance Status? (C or I): <u> C </u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u> N </u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO00035PC10-rev261-Condition 5</p>	<p>D. Frequency of monitoring: Annual Compliance certification, daily, weekly, quarterly</p>
<p>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</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Annual Compliance certification</p>	<p>F. Currently in Compliance? (Y or N): <u> Y </u> G. Compliance Status? (C or I): <u> C </u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u> N </u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO00035PC10-rev261-Condition 6</p>	<p>D. Frequency of monitoring: Annual compliance certification and update log per periodic inspection and maintenance schedules</p>
<p>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.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Annual Compliance Certification ; Keep log at facility and available upon request of the District.</p>	<p>F. Currently in Compliance? (Y or N): <u> Y </u> G. Compliance Status? (C or I): <u> C </u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u> N </u> *If yes, attach Deviation Summary Form</p>



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Period Covered by Compliance Certification: 04/01/13 (MM/DD/YY) to 03/31/14 (MM/DD/YY)

<p>A. Attachment # or Permit Condition Permit Condition 00036 PC11 ,Condition 1</p>	<p>D. Frequency of monitoring: Annual (compliance certification) and operating records</p>
<p>B. Description: Per section 3 of permit 1 Permitted material processed at portable screening plant shall not exceed 1,080 ,000 tons per year</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring : Routine, periodic surveillance and visual inspections Annual Compliance Certification. Monitoring; Operating records</p>	<p>F. Currently in Compliance? (Y or N): <u> Y </u> G. Compliance Status? (C or I): <u> C </u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u> N </u> *If yes, attach Deviation Summary Form</p>
<p>A. Attachment # or Permit Condition #: PO00036PC11 Condition 2</p>	<p>D. Frequency of monitoring: Annual (compliance certification) and periodic inspections..</p>
<p>B. Description: Only use of electric Power Electrical power only; no use of diesel engines</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable. Not applicable</p>
<p>C. Method of monitoring: The equipment has no diesel engine and is properly connected to plant electrical power source. Annual compliance certification</p>	<p>F. Currently in Compliance? (Y or N): <u> Y </u> G. Compliance Status? (C or I): <u> C </u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u> N </u> *If yes, attach Deviation Summary Form</p>
<p>A. Attachment # or Permit Condition #: PO00036PC11 –Condition 3</p>	<p>D. Frequency of monitoring: Periodic (at least every 6 months) water content sampling, (dated) and annual compliance certification</p>
<p>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</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Not applicable</p>
<p>C. Method of monitoring: Moisture content results (dated) submitted annul with ACC (Appendix H) Annual compliance certification</p>	<p>F. Currently in Compliance? (Y or N): <u> Y </u> G. Compliance Status? (C or I): <u> C </u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u> N </u> *If yes, attach Deviation Summary Form</p>



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Period Covered by Compliance Certification: 04/01/13 (MM/DD/YY) to 03/31/14 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: # PO000PC11, Condition 4</p>	<p>D. Frequency of monitoring: Annual (compliance certification)</p>
<p>B. Description: Initial Method (9 source test) Initial EAP 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,</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable No visible emission observed</p>
<p>C. Method of monitoring: General Applicable Requirements Annual Compliance certification VCAPCD inspection did not observe visible emissions.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

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

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



ANNUAL COMPLIANCE CERTIFICATION

SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 04/01/13 (MM/DD/YY) to 03/31/14 (MM/DD/YY)

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A. Emission Unit Description: Kiln #3- NOx Compliance Testing (three run average)			B. Pollutant: NOx
C. Measured Emission Rate: 2.16 lbs/hr	D. Limited Emission Rate: 6.9 lbs/hr PO00036PC2	E. Specific Source Test or Monitoring Record Citation: TRC Stack Test Firm Report Dated November 13, 2013	F. Test Date: September 26, 2013

A. Emission Unit Description: Kiln #3- NOx (RATA Results – ppm, dry)			B. Pollutant: NOx
C. Measured Emission Rate: 9.4% Relative Accuracy	D. Limited Emission Rate: 20% RA	E. Specific Source Test or Monitoring Record Citation: TRC Stack Test Firm Report Dated November 13, 2013	F. Test Date: September 26., 2013

A. Emission Unit Description: Kiln #3- NOx (RATA Results – lb/hr)			B. Pollutant: NOx
C. Measured Emission Rate: 13.0% Relative Accuracy	D. Limited Emission Rate: 20% RA	E. Specific Source Test or Monitoring Record Citation: TRC Stack Test Firm Report Dated November 13, 2013	G. Test Date: September 26, 2013

A. Emission Unit Description: Kiln #3 – CO Compliance Testing (three run average)			B. Pollutant: CO
C. Measured Emission Rate: 2.98 ppmv	D. Limited Emission Rate: 2000 ppmv PO00036PC2	E. Specific Source Test or Monitoring Record Citation: TRC Stack Test Firm Report Dated November 13, 2013	F. Test Date: September 26, 2013



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SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 04/01/13 (MM/DD/YY) to 03/31/14 (MM/DD/YY)

A. Emission Unit Description: Kiln #3 – CO (RATA Results – ppm – average of test September 26)			B. Pollutant: CO
C. Measured Emission Rate: 0.99% Relative Accuracy *Using Applicable Standard	D. Limited Emission Rate: 10% RA	E. Specific Source Test or Monitoring Record Citation: TRC Stack Test Firm Report Dated November 13, 2013	F. Test Date: September 26, 2013

A. Emission Unit Description: Kiln #3 – CO (RATA Results – lb/hr)			B. Pollutant: CO
C. Measured Emission Rate: 7.1% Relative Accuracy *Using Applicable Standard	D. Limited Emission Rate: 10% RA	E. Specific Source Test or Monitoring Record Citation: TRC Stack Test Firm Report Dated November 13, 2013	F. Test Date: September 26, 2013

A. Emission Unit Description: Kiln #3 – PM10 Compliance Testing (three run average)- Rule 52			B. Pollutant: PM10
C. Measured Emission Rate: 0.0094 gr/dscf	D. Limited Emission Rate: .065 gr/dscf Rule 52	E. Specific Source Test or Monitoring Record Citation: TRC Stack Test Firm Report Dated November 13, 2013	F. Test Date: September 26, 2013

A. Emission Unit Description: Kiln #3 – PM10 Compliance Testing (three run average)- Rule 53			B. Pollutant: PM10
C. Measured Emission Rate: 1.38 lbs/hr	D. Limited Emission Rate: 12.54 lbs/hr Rule 53	E. Specific Source Test or Monitoring Record Citation: TRC Stack Test Firm Report Dated November 13, 2013	F. Test Date: September 26, 2013



ANNUAL COMPLIANCE CERTIFICATION

SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 04/01/13 (MM/DD/YY) to 03/31/14 (MM/DD/YY)

A. Emission Unit Description: Kiln #3 – PM Compliance Testing (three run average)- PO00036PC3			B. Pollutant: PM
C. Measured Emission Rate: 0.109 lbPM/Ton Product	D. Limited Emission Rate: 0.2748 lbPM/Ton Product PO00036PC	E. Specific Source Test or Monitoring Record Citation: TRC Stack Test Firm Report Dated November 13, 2013	F. Test Date: September 26, 2013

A. Emission Unit Description: Kiln #3 – Stack Flow (RATA Results dscfm)			B. Pollutant: Stack Flow
C. Measured Emission Rate: 3.5% Relative Accuracy	D. Limited Emission Rate: 20%	E. Specific Source Test or Monitoring Record Citation: TRC Stack Test Firm Report Dated November 13, 2013	F. Test Date: September 26, 2013

A. Emission Unit Description: Kiln #3 – SO ₂ Compliance Testing (three run average)			B. Pollutant: SO ₂
C. Measured Emission Rate: 2.99 lb/hr	D. Limited Emission Rate: 7.61 lb/hr PO00036PC9	E. Specific Source Test or Monitoring Record Citation: TRC Stack Test Firm Report Dated November 13, 2013	F. Test Date: September 26, 2013

A. Emission Unit Description: Kiln #3 – SO ₂ (RATA Results - ppm, dry)			B. Pollutant: SO ₂
C. Measured Emission Rate: 19.5% Relative Accuracy	D. Limited Emission Rate: 20% RA	E. Specific Source Test or Monitoring Record Citation: TRC Stack Test Firm Report Dated November 13, 2013	F. Test Date: September 26, 2013



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SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 04/01/13 (MM/DD/YY) to 03/31/14 (MM/DD/YY)

A. Emission Unit Description: Kiln #3 – SO ₂ (RATA Results – lb/hr)			B. Pollutant: SO ₂
C. Measured Emission Rate: 17.1% Relative Accuracy	D. Limited Emission Rate: 20% RA	E. Specific Source Test or Monitoring Record Citation: TRC Stack Test Firm Report Dated November 13, 2013	F. Test Date: September 26, 2013

A. Emission Unit Description: Kiln #4 – NO _x Compliance Testing (three run average)			B. Pollutant: NO _x
C. Measured Emission Rate: 4.14 lb/hr	D. Limited Emission Rate: 5.6 lb/hr PO00036PC2	E. Specific Source Test or Monitoring Record Citation: TRC Stack Test Firm Report Dated February 14, 2014	F. Test Date: April 28, 2014

A. Emission Unit Description: Kiln #4 – NO _x (RATA Results – ppm, dry)			B. Pollutant: NO _x
C. Measured Emission Rate: 10.89% Relative Accuracy	D. Limited Emission Rate: 20% RA	E. Specific Source Test or Monitoring Record Citation: TRC Stack Test Firm Report Dated February 14, 2014	F. Test Date: April 28, 2014

A. Emission Unit Description: Kiln #4 – NO _x (RATA Results – lb/hr)			B. Pollutant: NO _x
C. Measured Emission Rate: 9.05% Relative Accuracy	D. Limited Emission Rate: 20% RA	E. Specific Source Test or Monitoring Record Citation: TRC Stack Test Firm Report Dated February 14, 2014	F. Test Date: April 28, 2014



ANNUAL COMPLIANCE CERTIFICATION

SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 04/01/13 (MM/DD/YY) to 03/31/14 (MM/DD/YY)

A. Emission Unit Description: Kiln #4 – CO Compliance Testing (three run average)			B. Pollutant: CO
C. Measured Emission Rate: 73.71 ppmv	D. Limited Emission Rate: 2000 ppmv PO00036PC2	E. Specific Source Test or Monitoring Record Citation: TRC Stack Test Firm Report Dated February 14, 2014	F. Test Date: April 28, 2014

A. Emission Unit Description: Kiln #4 – CO (RATA Results – ppm, dry)			B. Pollutant: CO
C. Measured Emission Rate: 4.99% Relative Accuracy	D. Limited Emission Rate: 10% RA	E. Specific Source Test or Monitoring Record Citation: TRC Stack Test Firm Report Dated February 14, 2014	F. Test Date: April 28, 2014

A. Emission Unit Description: Kiln #4 – CO (RATA Results – lb/hr)			B. Pollutant: CO
C. Measured Emission Rate: 2.34% Relative Accuracy	D. Limited Emission Rate: 10% RA	E. Specific Source Test or Monitoring Record Citation: TRC Stack Test Firm Report Dated February 14, 2014	F. Test Date: April 28, 2014

A. Emission Unit Description: Kiln #4 – SO ₂ Compliance Testing (Three run average)			B. Pollutant: SO ₂
C. Measured Emission Rate: 5.24 lb/hr	D. Limited Emission Rate: 8.28 lbs/hr PO000PC9	E. Specific Source Test or Monitoring Record Citation: TRC Stack Test Firm Report Dated February 14, 2014	F. Test Date: April 28, 2014



ANNUAL COMPLIANCE CERTIFICATION SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 04/01/13 (MM/DD/YY) to 03/31/14 (MM/DD/YY)

A. Emission Unit Description: Kiln #4 – SO ₂ (RATA Results – ppm, dry)			B. Pollutant: SO ₂
C. Measured Emission Rate: 5.80% Relative Accuracy	D. Limited Emission Rate: 20% RA	E. Specific Source Test or Monitoring Record Citation: TRC Stack Test Firm Report Dated February 14, 2014	F. Test Date: April 28, 2014

A. Emission Unit Description: Kiln #4 – SO ₂ (RATA Results – lb/hr)			B. Pollutant: SO ₂
C. Measured Emission Rate: 7.55% Relative Accuracy	D. Limited Emission Rate: 20% RA	E. Specific Source Test or Monitoring Record Citation: TRC Stack Test Firm Report Dated February 14, 2014	F. Test Date: April 28, 2014

A. Emission Unit Description: Kiln #4 – PM10 Compliance Testing (Three run average)-Rule 52			B. Pollutant: PM10
C. Measured Emission Rate: 0.0131 gr/dscf	D. Limited Emission Rate: 0.072 gr/dscf	E. Specific Source Test or Monitoring Record Citation: TRC Stack Test Firm Report Dated September 25, 2013	F. Test Date: November 13, 2013

A. Emission Unit Description: Kiln #4 – PM10 Compliance Testing (Three run average)-Rule 53			B. Pollutant: PM10
C. Measured Emission Rate: 1.64 lb/hr	D. Limited Emission Rate: 21.84 lb/hr	E. Specific Source Test or Monitoring Record Citation: TRC Stack Test Firm Report Dated September 25, 2013	F. Test Date: November 13, 2013



ANNUAL COMPLIANCE CERTIFICATION

SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 04/01/13 (MM/DD/YY) to 03/31/14 (MM/DD/YY)

A. Emission Unit Description: Kiln #4 – PM Compliance Testing (Three run average)-PCO00036PC3			B. Pollutant: PM
C. Measured Emission Rate: 0.1135 lbPM/Ton of Product	D. Limited Emission Rate: 0.2748 lbPM/Ton of Product	E. Specific Source Test or Monitoring Record Citation: TRC Stack Test Firm Report Dated September 25, 2013	F. Test Date: November 13, 2013

A. Emission Unit Description: Kiln #4 – Stack Flow (RATA Results – dscfm)			B. Pollutant: Stack Flow
C. Measured Emission Rate: 7.63% Relative Accuracy	D. Limited Emission Rate: 20%	E. Specific Source Test or Monitoring Record Citation: TRC Stack Test Firm Report Dated September 25, 2013	F. Test Date: November 13, 2013

A. Emission Unit Description: Raw Mill Baghouse – PM10 Compliance Testing (Three run average) Rule 52			B. Pollutant: PM10
C. Measured Emission Rate: 0.0137 gr/dscf	D. Limited Emission Rate: 0.081 gr/dscf	E. Specific Source Test or Monitoring Record Citation: TRC Stack Test Firm Report Dated September 24, 2013	F. Test Date: November 13, 2013

A. Emission Unit Description: Raw Mill Baghouse – PM10 Compliance Testing (Three run average) Rule 53			B. Pollutant: PM10
C. Measured Emission Rate: 1.25 lb/hr	D. Limited Emission Rate: 19.75 lb/hr	E. Specific Source Test or Monitoring Record Citation: TRC Stack Test Firm Report Dated September 24, 2013	F. Test Date: November 13, 2013



Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION

SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 04/01/13 (MM/DD/YY) to 03/31/14 (MM/DD/YY)

A. Emission Unit Description: Finish Mill Baghouse – PM10 Compliance Testing (Three run average) – Rule 52			B. Pollutant: PM10
C. Measured Emission Rate: 0.0026 gr/dscf	D. Limited Emission Rate: 0.17 gr/dscf	E. Specific Source Test or Monitoring Record Citation: TRC Stack Test Firm Report Dated September 24, 2013	F. Test Date: November 13, 2013

A. Emission Unit Description: Finish Mill Baghouse – PM10 Compliance Testing (Three run average) – Rule 53			B. Pollutant: PM10
C. Measured Emission Rate: 0.04 lb/hr	D. Limited Emission Rate: 15.35 lb/hr	E. Specific Source Test or Monitoring Record Citation: TRC Stack Test Firm Report Dated September 24, 2013	F. Test Date: November 13, 2013



ANNUAL COMPLIANCE CERTIFICATION DEVIATION SUMMARY FORM

Period Covered by Compliance Certification: 04/01/13(MM/DD/YY) to 03/31/14 (MM/DD/YY)

A. Attachment # or Permit Condition #: PO0036PC2 Condition 3	B. Equipment description: NOx, GM-31 CEMS Kiln #3 & #4 See Attached Summary Log	C. Deviation Period: Date & Time Begin: <u>1/29/14 11:30am</u> End: <u>1/29/14 11:30am.</u> When Discovered: Date & Time <u>1-29-2014 at 11:30am</u>
D. Parameters monitored: NOx, kiln #3 & Kiln #4	E. Limit: See Attached Log	F. Actual: Not Applicable
G. Probable Cause of Deviation: See attached Log		H. Corrective actions taken: See attached log

A. Attachment # or Permit Condition #: PO0036PC2 Condition 3	B. Equipment description: Nox GM-31 CEMS Kiln #3 & #4	C. Deviation Period: Date & Time Begin: <u>3-9-2014 2:00am & 11:00am</u> End: <u>3-9-2014 at 1300</u> When Discovered: Date & Time _____
D. Parameters monitored: NOX Kiln #3 & #4	E. Limit: See Attached Log	F. Actual: Not Applicable
G. Probable Cause of Deviation: <p style="text-align: center;">See Attached Log</p>		H. Corrective actions taken: <p style="text-align: center;">See Attached Log</p>

A. Attachment # or Permit Condition #: PO0036PC Condition 3	B. Equipment description: CO GM-35 CEMS Kiln #3 & #4	C. Deviation Period: Date & Time Begin: <u>3-9-2014 at 2:00am & 11:00am</u> End: <u>3-9-2014 at 1300</u> When Discovered: Date & Time <u>when pulling data for the monthly report</u>
D. Parameters monitored: CO kiln #3 & #4	E. Limit:	F. Actual: Not Applicable
G. Probable Cause of Deviation: <p style="text-align: center;">See Attached Log</p>		H. Corrective actions taken: <p style="text-align: center;">See Attached Log</p>



ANNUAL COMPLIANCE CERTIFICATION DEVIATION SUMMARY FORM

Period Covered by Compliance Certification: 04/01/13 (MM/DD/YY) to 03/31/14 (MM/DD/YY)

A. Attachment # or Permit Condition #: PO0036PC2 Condition 3	B. Equipment description: CO GM-35 CEMS Kiln #3 & #4	C. Deviation Period: Date & Time Begin: <u>1/29/14 2:00am & 11:00am</u> End: <u>1/29/14 13:00pm</u> When Discovered: Date & Time _____
D. Parameters monitored: CO, kiln #3 & #4	E. Limit:	F. Actual: Not Applicable
G. Probable Cause of Deviation: See attached Log		H. Corrective actions taken: See attached log

A. Attachment # or Permit Condition #: PO0036PC2 Condition 3	B. Equipment description: SO2 GM-31 CEMS Kiln #3 & #4	C. Deviation Period: Date & Time Begin: <u>1-29-2014 at 11:30am</u> End: <u>1-29-2014 at 11:30am</u> When Discovered: Date & Time <u>1-29-2014 at 11:30am</u>
D. Parameters monitored: SO2 kiln #3 & Kiln #4	E. Limit:	F. Actual: Not Applicable
G. Probable Cause of Deviation: See attached Log		H. Corrective actions taken: See attached Log

A. Attachment # or Permit Condition #: PO0036PC2 condition 3	B. Equipment description: SO2 GM-31 CEMS Kiln #3 & #4	C. Deviation Period: Date & Time Begin: <u>3/9/12014 2:00am & 11:00am</u> End: <u>1/29/14 13:00pm</u> When Discovered: Date & Time <u>when pulling data for monthly report</u>
D. Parameters monitored: SO2 Kiln #3 & #4	E. Limit:	F. Actual: Not Applicable
G. Probable Cause of Deviation: See attached Log		H. Corrective actions taken: See attached Log



ANNUAL COMPLIANCE CERTIFICATION DEVIATION SUMMARY FORM

Period Covered by Compliance Certification: 04/01/13 (MM/DD/YY) to 03/31/14 (MM/DD/YY)

A. Attachment # or Permit Condition #: PO0036PC2 Condition 3	B. Equipment description: Bag house Temperatures	C. Deviation Period: Date & Time Begin: <u>9/8/12 7:30am</u> End: <u>10/3/12 11:30am</u> When Discovered: Date & Time _____
D. Parameters monitored: Bag house temperatures	E. Limit:	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 Begin: _____ End: _____ When Discovered: Date & Time _____
D. Parameters monitored:	E. Limit:	F. Actual:
G. Probable Cause of Deviation:		H. Corrective actions taken:

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

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
4/1/2013	0	0	0
4/2/2013	0	0	0
4/3/2013	0	0	0
4/4/2013	0	0	0
4/5/2013	0	0	0
4/6/2013	0	0	0
4/7/2013	0	0	0
4/8/2013	0	0	0
4/9/2013	0	0	0
4/10/2013	0	0	0
4/11/2013	0	0	0
4/12/2013	0	0	0
4/13/2013	0	0	0
4/14/2013	0	0	0
4/15/2013	0	0	0
4/16/2013	0	0	0
4/17/2013	0	0	0
4/18/2013	199	4.6	199
4/19/2013	446	10.3	446
4/20/2013	320	7.4	320
4/21/2013	264	6.1	264
4/22/2013	355	8.2	355
4/23/2013	705	16.3	705
4/24/2013	649	15	649
4/25/2013	722	16.7	722
4/26/2013	735	17	735
4/27/2013	614	14.2	614
4/28/2013	614	14.2	614
4/29/2013	766	17.7	766
4/30/2013	645	14.9	645
	0	0	0
April	7034	162.6	7034

May	Extruder #1 (tons)	Hours Run	Total
5/1/2013	684	15.8	684
5/2/2013	541	12.5	541
5/3/2013	623	14.4	623
5/4/2013	714	16.5	714
5/5/2013	614	14.2	614
5/6/2013	731	16.9	731
5/7/2013	666	15.4	666
5/8/2013	753	17.4	753
5/9/2013	748	17.3	748
5/10/2013	688	15.9	688
5/11/2013	731	16.9	731
5/12/2013	627	14.5	627
5/13/2013	826	19.1	826
5/14/2013	709	16.4	709
5/15/2013	675	15.6	675
5/16/2013	684	15.8	684
5/17/2013	632	14.6	632
5/18/2013	675	15.6	675
5/19/2013	536	12.4	536
5/20/2013	130	3	130
5/21/2013	0	0	0
5/22/2013	0	0	0
5/23/2013	0	0	0
5/24/2013	0	0	0
5/25/2013	0	0	0
5/26/2013	0	0	0
5/27/2013	0	0	0
5/28/2013	0	0	0
5/29/2013	0	0	0
5/30/2013	0	0	0
5/31/2013	0		
	12987	300	12987

June	Extruder #1 (tons)	Hours Run	Total
6/1/2013	0	0	0
6/2/2013	234	5.4	234
6/3/2013	329	7.6	329
6/4/2013	446	10.3	446
6/5/2013	359	8.3	359
6/6/2013	805	18.6	805
6/7/2013	645	14.9	645
6/8/2013	614	14.2	614
6/9/2013	666	15.4	666
6/10/2013	748	17.3	748
6/11/2013	580	13.4	580
6/12/2013	831	19.2	831
6/13/2013	640	14.8	640
6/14/2013	701	16.2	701
6/15/2013	696	16.1	696
6/16/2013	623	14.4	623
6/17/2013	554	12.8	554
6/18/2013	692	16	692
6/19/2013	376	8.7	376
6/20/2013	818	18.9	818
6/21/2013	662	15.3	662
6/22/2013	874	20.2	874
6/23/2013	467	10.8	467
6/24/2013	722	16.7	722
6/25/2013	567	13.1	567
6/26/2013	735	17	735
6/27/2013	701	16.2	701
6/28/2013	203	4.7	203
6/29/2013	0	0	0
6/30/2013	0	0	0
June	16287	376.5	16287

July	Extruder #1 (tons)	Hours Run	Total
7/1/2013	0	0	0
7/2/2013	0	0	0
7/3/2013	0	0	0
7/4/2013	0	0	0
7/5/2013	0	0	0
7/6/2013	0	0	0
7/7/2013	0	0	0
7/8/2013	0	0	0
7/9/2013	0	0	0
7/10/2013	389	9	389
7/11/2013	437	10.1	437
7/12/2013	666	15.4	666
7/13/2013	852	19.7	852
7/14/2013	632	14.6	632
7/15/2013	506	11.7	506
7/16/2013	433	10	433
7/17/2013	748	17.3	748
7/18/2013	818	18.9	818
7/19/2013	671	15.5	671
7/20/2013	601	13.9	601
7/21/2013	571	13.2	571
7/22/2013	727	16.8	727
7/23/2013	649	15	649
7/24/2013	696	16.1	696
7/25/2013	580	13.4	580
7/26/2013	671	15.5	671
7/27/2013	692	16	692
7/28/2013	619	14.3	619
7/29/2013	593	13.7	593
7/30/2013	450	10.4	450
7/31/2013	446	10.3	446
July	13445	311	13445

August	Extruder #1 (tons)	Hours Run	Total
8/1/2013	0	0	0
8/2/2013	0	0	0
8/3/2013	0	0	0
8/4/2013	0	0	0
8/5/2013	0	0	0
8/6/2013	0	0	0
8/7/2013	0	0	0
8/8/2013	0	0	0
8/9/2013	0	0	0
8/10/2013	0	0	0
8/11/2013	0	0	0
8/12/2013	0	0	0
8/13/2013	0	0	0
8/14/2013	0	0	0
8/15/2013	895	20.7	895
8/16/2013	610	14.1	610
8/17/2013	523	12.1	523
8/18/2013	610	14.1	610
8/19/2013	350	8.1	350
8/20/2013	281	6.5	281
8/21/2013	138	3.2	138
8/22/2013	199	4.6	199
8/23/2013	753	17.4	753
8/24/2013	567	13.1	567
8/25/2013	614	14.2	614
8/26/2013	281	6.5	281
8/27/2013	454	10.5	454
8/28/2013	446	10.3	446
8/29/2013	441	10.2	441
8/30/2013	536	12.4	536
8/31/2013	411	9.5	411
August	8111	187.5	8111

September	Extruder #1 (tons)	Hours Run	Total
9/1/2013	0	0	0
9/2/2013	0	0	0
9/3/2013	0	0	0
9/4/2013	0	0	0
9/5/2013	0	0	0
9/6/2013	0	0	0
9/7/2013	0	0	0
9/8/2013	0	0	0
9/9/2013	0	0	0
9/10/2013	0	0	0
9/11/2013	0	0	0
9/12/2013	0	0	0
9/13/2013	0	0	0
9/14/2013	0	0	0
9/15/2013	0	0	0
9/16/2013	0	0	0
9/17/2013	0	0	0
9/18/2013	0	0	0
9/19/2013	523	12.1	523
9/20/2013	277	6.4	277
9/21/2013	506	11.7	506
9/22/2013	593	13.7	593
9/23/2013	398	9.2	398
9/24/2013	666	15.4	666
9/25/2013	718	16.6	718
9/26/2013	298	6.9	298
9/27/2013	606	14	606
9/28/2013	606	14	606
9/29/2013	770	17.8	770
9/30/2013	523	12.1	523
	0	0	0
September	6485	149.9	6485

October	Extruder #1 (tons)	Hours Run	Total
10/1/2013	735	17	735
10/2/2013	428	9.9	428
10/3/2013	632	14.6	632
10/4/2013	658	15.2	658
10/5/2013	580	13.4	580
10/6/2013	614	14.2	614
10/7/2013	597	13.8	597
10/8/2013	281	6.5	281
10/9/2013	48	1.1	48
10/10/2013	489	11.3	489
10/11/2013	636	14.7	636
10/12/2013	722	16.7	722
10/13/2013	459	10.6	459
10/14/2013	658	15.2	658
10/15/2013	705	16.3	705
10/16/2013	640	14.8	640
10/17/2013	0	0	0
10/18/2013	0	0	0
10/19/2013	0	0	0
10/20/2013	0	0	0
10/21/2013	0	0	0
10/22/2013	0	0	0
10/23/2013	0	0	0
10/24/2013	0	0	0
10/25/2013	0	0	0
10/26/2013	0	0	0
10/27/2013	0	0	0
10/28/2013	0	0	0
10/29/2013	0	0	0
10/30/2013	0	0	0
10/31/2013	0	0	0
October	8881	205	8881

November	Extruder #1 (tons)	Hours Run	Total
11/1/2013	0	0	0
11/2/2013	0	0	0
11/3/2013	0	0	0
11/4/2013	0	0	0
11/5/2013	0	0	0
11/6/2013	0	0	0
11/7/2013	0	0	0
11/8/2013	0	0	0
11/9/2013	0	0	0
11/10/2013	0	0	0
11/11/2013	0	0	0
11/12/2013	0	0	0
11/13/2013	0	0	0
11/14/2013	0	0	0
11/15/2013	0	0	0
11/16/2013	0	0	0
11/17/2013	0	0	0
11/18/2013	718	16.6	718
11/19/2013	407	9.4	407
11/20/2013	627	14.5	627
11/21/2013	705	16.3	705
11/22/2013	459	10.6	459
11/23/2013	532	12.3	532
11/24/2013	709	16.4	709
11/25/2013	614	14.2	614
11/26/2013	645	14.9	645
11/27/2013	281	6.5	281
11/28/2013	437	10.1	437
11/29/2013	809	18.7	809
11/30/2013	895	20.7	895
	0	0	0
November	7839	181.2	7839

December	Extruder #1 (tons)	Hours Run	Total
12/1/2013	731	16.9	731
12/2/2013	485	11.2	485
12/3/2013	554	12.8	554
12/4/2013	761	17.6	761
12/5/2013	571	13.2	571
12/6/2013	714	16.5	714
12/7/2013	610	14.1	610
12/8/2013	658	15.2	658
12/9/2013	684	15.8	684
12/10/2013	632	14.6	632
12/11/2013	666	15.4	666
12/12/2013	908	21	908
12/13/2013	601	13.9	601
12/14/2013	813	18.8	813
12/15/2013	783	18.1	783
12/16/2013	0	0	0
12/17/2013	0	0	0
12/18/2013	0	0	0
12/19/2013	0	0	0
12/20/2013	0	0	0
12/21/2013	0	0	0
12/22/2013	0	0	0
12/23/2013	0	0	0
12/24/2013	0	0	0
12/25/2013	0	0	0
12/26/2013	0	0	0
12/27/2013	0	0	0
12/28/2013	0	0	0
12/29/2013	0	0	0
12/30/2013	0	0	0
12/31/2013	0	0	0
December	10170	235	10170

January	Extruder #1 (tons)	Hours Run	Total
1/1/2014	0	0	0
1/2/2014	0	0	0
1/3/2014	0	0	0
1/4/2014	0	0	0
1/5/2014	0	0	0
1/6/2014	0	0	0
1/7/2014	0	0	0
1/8/2014	0	0	0
1/9/2014	0	0	0
1/10/2014	0	0	0
1/11/2014	0	0	0
1/12/2014	0	0	0
1/13/2014	0	0	0
1/14/2014	0	0	0
1/15/2014	0	0	0
1/16/2014	433	10	433
1/17/2014	186	4.3	186
1/18/2014	424	9.8	424
1/19/2014	273	6.3	273
1/20/2014	394	9.1	394
1/21/2014	528	12.2	528
1/22/2014	493	11.4	493
1/23/2014	718	16.6	718
1/24/2014	753	17.4	753
1/25/2014	649	15	649
1/26/2014	593	13.7	593
1/27/2014	532	12.3	532
1/28/2014	515	11.9	515
1/29/2014	43	1	43
1/30/2014	303	7	303
1/31/2014	580	13.4	580
January	7415	171.4	7415

February	Extruder #1 (tons)	Hours Run	Total
2/1/2014	727	16.8	727
2/2/2014	757	17.5	757
2/3/2014	614	14.2	614
2/4/2014	748	17.3	748
2/5/2014	952	22	952
2/6/2014	614	14.2	614
2/7/2014	614	14.2	614
2/8/2014	722	16.7	722
2/9/2014	684	15.8	684
2/10/2014	342	7.9	342
2/11/2014	826	19.1	826
2/12/2014	398	9.2	398
2/13/2014	0	0	0
2/14/2014	0	0	0
2/15/2014	0	0	0
2/16/2014	0	0	0
2/17/2014	0	0	0
2/18/2014	0	0	0
2/19/2014	0	0	0
2/20/2014	757	17.5	757
2/21/2014	346	8	346
2/22/2014	584	13.5	584
2/23/2014	549	12.7	549
2/24/2014	645	14.9	645
2/25/2014	536	12.4	536
2/26/2014	831	19.2	831
2/27/2014	398	9.2	398
2/28/2014	381	8.8	381
	0	0	0
	0	0	0
	0	0	0
February	13026	301.1	13026

March	Extruder #1 (tons)	Hours Run	Total
3/1/2014	502	11.6	502
3/2/2014	480	11.1	480
3/3/2014	519	12	519
3/4/2014	545	12.6	545
3/5/2014	744	17.2	744
3/6/2014	632	14.6	632
3/7/2014	593	13.7	593
3/8/2014	839	19.4	839
3/9/2014	372	8.6	372
3/10/2014	640	14.8	640
3/11/2014	476	11	476
3/12/2014	731	16.9	731
3/13/2014	593	13.7	593
3/14/2014	675	15.6	675
3/15/2014	684	15.8	684
3/16/2014	532	12.3	532
3/17/2014	0	0	0
3/18/2014	0	0	0
3/19/2014	0	0	0
3/20/2014	0	0	0
3/21/2014	0	0	0
3/22/2014	0	0	0
3/23/2014	0	0	0
3/24/2014	0	0	0
3/25/2014	0	0	0
3/26/2014	0	0	0
3/27/2014	0	0	0
3/28/2014	0	0	0
3/29/2014	0	0	0
3/30/2014	0	0	0
3/31/2014	0	0	0
March	9556		9556

121236 yearly total

Daily & Monthly Material Produced

12 Month
rolling totals

April Production	Kiln #3 (tons)	Kiln #4 (tons)	Total		
4/1/2013	0	0	0		
4/2/2013	0	0	0		
4/3/2013	0	0	0		
4/4/2013	0	0	0		
4/5/2013	0	0	0		
4/6/2013	0	0	0		
4/7/2013	0	0	0		
4/8/2013	0	0	0		
4/9/2013	0	0	0		
4/10/2013	0	0	0		
4/11/2013	0	0	0		
4/12/2013	0	0	0		
4/13/2013	0	0	0		
4/14/2013	0	0	0		
4/15/2013	0	0	0		
4/16/2013	0	0	0		
4/17/2013	0	0	0		
4/18/2013	0	0	0	Apr-12	4,426
4/19/2013	0	180	180	May-12	13,578
4/20/2013	0	215	215	Jun-12	5,824
4/21/2013	0	214	214	Jul-12	5,056
4/22/2013	8	213	221	Aug-12	5,444
4/23/2013	210	218	428	Sep-12	3,341
4/24/2013	210	225	435	Oct-12	4,505
4/25/2013	206	228	433	Nov-12	3,489
4/26/2013	202	213	415	Dec-12	3,635
4/27/2013	203	236	440	Jan-13	4,140
4/28/2013	204	226	430	Feb-13	1,167
4/29/2013	205	228	433	Mar-13	4,519
4/30/2013	204	226	430		
	1,652	2,622	4,274	58,972	monthly rolling

	Kiln #3 (tons)	Kiln #4 (tons)	Total
5/3/2013	204	226	430
5/4/2013	205	227	432
5/5/2013	203	225	428
5/6/2013	204	227	431
5/7/2013	206	228	434
5/8/2013	202	224	426
5/9/2013	203	225	428
5/10/2013	205	227	432
5/11/2013	213	234	447
5/12/2013	209	231	440
5/13/2013	213	240	453
5/14/2013	207	227	434
5/15/2013	216	236	452
5/16/2013	213	233	446
5/17/2013	210	230	441
5/18/2013	213	233	445
5/19/2013	213	232	445
5/20/2013	215	213	428
5/21/2013	204	430	434
5/22/2013	69	81	150
5/23/2013	0	0	0
5/24/2013	0	0	0
5/25/2013	0	0	0
5/26/2013	0	0	0
5/27/2013	0	0	0
5/28/2013	0	0	0
5/29/2013	0	0	0
5/30/2013	0	0	0
5/31/2013	0	0	0
	0	0	0
	0	0	0
	4,027	4,629	8,456

66,261 monthly rolling

	Kiln #3 (tons)	Kiln #4 (tons)	Total	
6/1/2013	0	0	0	
6/2/2013	33	0	33	
6/3/2013	206	0	206	
6/4/2013	213	0	213	
6/5/2013	212	0	212	
6/6/2013	208	186	394	
6/7/2013	158	243	400	
6/8/2013	142	233	374	
6/9/2013	154	242	396	
6/10/2013	201	240	440	
6/11/2013	206	242	448	
6/12/2013	203	239	442	
6/13/2013	206	242	448	
6/14/2013	202	238	440	
6/15/2013	204	241	445	
6/16/2013	205	241	446	
6/17/2013	204	240	443	
6/18/2013	174	242	415	
6/19/2013	85	240	324	
6/20/2013	203	245	448	
6/21/2013	206	241	448	
6/22/2013	203	235	438	
6/23/2013	203	234	438	
6/24/2013	207	240	447	
6/25/2013	205	240	445	
6/26/2013	206	239	445	
6/27/2013	212	247	460	
6/28/2013	185	198	382	
6/29/2013	20	20	40	
6/30/2013	0	0	0	
June Total	5,066	5,448	10,510	48,026 monthly rolling

July Production	Kiln #3 (tons)	Kiln #4 (tons)	Total
7/1/2013	0	0	0
7/2/2013	0	0	0
7/3/2013	0	0	0
7/4/2013	0	0	0
7/5/2013	0	0	0
7/6/2013	0	0	0
7/7/2013	0	0	0
7/8/2013	0	0	0
7/9/2013	0	0	0
7/10/2013	59	57	116
7/11/2013	180	52	232
7/12/2013	182	168	351
7/13/2013	185	175	359
7/14/2013	190	174	364
7/15/2013	191	209	399
7/16/2013	81	111	192
7/17/2013	174	186	360
7/18/2013	195	195	390
7/19/2013	201	205	406
7/20/2013	190	211	402
7/21/2013	189	209	398
7/22/2013	192	207	399
7/23/2013	197	218	414
7/24/2013	204	220	424
7/25/2013	205	219	424
7/26/2013	206	221	428
7/27/2013	202	215	417
7/28/2013	204	218	422
7/29/2013	181	221	402
7/30/2013	145	219	363
7/31/2013	190	218	408

July Total 3,943 4,128 8,070 43,378 monthly rolling

August Production	Kiln #3 (tons)	Kiln #4 (tons)	Total
8/1/2013	0	0	0
8/2/2013	0	0	0
8/3/2013	0	0	0
8/4/2013	0	0	0
8/5/2013	0	0	0
8/6/2013	0	0	0
8/7/2013	0	0	0
8/8/2013	0	0	0
8/9/2013	0	0	0
8/10/2013	0	0	0
8/11/2013	0	0	0
8/12/2013	0	0	0
8/13/2013	0	0	0
8/14/2013	0	0	0
8/15/2013	87	87	174
8/16/2013	204	201	414
8/17/2013	207	213	420
8/18/2013	205	214	418
8/19/2013	104	184	288
8/20/2013	0	194	194
8/21/2013	0	81	81
8/22/2013	129	136	265
8/23/2013	155	195	350
8/24/2013	202	206	408
8/25/2013	196	208	404
8/26/2013	190	202	392
8/27/2013	102	123	225
8/28/2013	19	216	235
8/29/2013	168	224	392
8/30/2013	165	227	392
8/31/2013	174	226	401

August Total 2,307 3,137 5,453 **43,387** monthly rolling

September Product	Kiln #3 (tons)	Kiln #4 (tons)	Total	
9/1/2013	5	6	11	
9/2/2013	0	0	0	
9/3/2013	0	0	0	
9/4/2013	0	0	0	
9/5/2013	0	0	0	
9/6/2013	0	0	0	
9/7/2013	0	0	0	
9/8/2013	0	0	0	
9/9/2013	0	0	0	
9/10/2013	0	0	0	
9/11/2013	0	0	0	
9/12/2013	0	0	0	
9/13/2013	0	0	0	
9/14/2013	0	0	0	
9/15/2013	0	0	0	
9/16/2013	0	0	0	
9/17/2013	0	0	0	
9/18/2013	0	0	0	
9/19/2013	0	0	0	
9/20/2013	39	117	156	
9/21/2013	171	210	381	
9/22/2013	196	182	379	
9/23/2013	147	203	351	
9/24/2013	203	226	429	
9/25/2013	157	226	383	
9/26/2013	207	229	436	
9/27/2013	204	229	434	
9/28/2013	205	226	431	
9/29/2013	202	223	424	
9/30/2013	201	226	427	
September Total	1,937	2,303	4,242	44,288 monthly rolling

October Production	Kiln #3 (tons)	Kiln #4 (tons)	Total	
10/1/2013	203	226	429	
10/2/2013	203	227	430	
10/3/2013	205	227	431	
10/4/2013	205	226	430	
10/5/2013	205	227	432	
10/6/2013	205	226	431	
10/7/2013	207	226	434	
10/8/2013	211	222	432	
10/9/2013	156	160	316	
10/10/2013	60	33	93	
10/11/2013	177	173	350	
10/12/2013	178	191	369	
10/13/2013	176	206	382	
10/14/2013	192	213	406	
10/15/2013	199	226	426	
10/16/2013	204	227	431	
10/17/2013	69	27	96	
10/18/2013	0	0	0	
10/19/2013	0	0	0	
10/20/2013	0	0	0	
10/21/2013	0	0	0	
10/22/2013	0	0	0	
10/23/2013	0	0	0	
10/24/2013	0	0	0	
10/25/2013	0	0	0	
10/26/2013	0	0	0	
10/27/2013	0	0	0	
10/28/2013	0	0	0	
10/29/2013	0	0	0	
10/30/2013	0	0	0	
10/31/2013	0	0	0	
October Total	3,055	3,263	6,318	46,101 monthly rolling

November Producti	Kiln #3 (tons)	Kiln #4 (tons)	Total	
11/1/2013	0	0	0	
11/2/2013	0	0	0	
11/3/2013	0	0	0	
11/4/2013	0	0	0	
11/5/2013	0	0	0	
11/6/2013	0	0	0	
11/7/2013	0	0	0	
11/8/2013	0	0	0	
11/9/2013	0	0	0	
11/10/2013	0	0	0	
11/11/2013	0	0	0	
11/12/2013	0	0	0	
11/13/2013	0	0	0	
11/14/2013	0	0	0	
11/15/2013	0	0	0	
11/16/2013	0	0	0	
11/17/2013	0	0	0	
11/18/2013	148	88	237	
11/19/2013	119	203	322	
11/20/2013	135	162	297	
11/21/2013	204	223	427	
11/22/2013	212	225	436	
11/23/2013	209	227	436	
11/24/2013	209	224	433	
11/25/2013	212	228	440	
11/26/2013	209	42	251	
11/27/2013	208	217	425	
11/28/2013	208	216	424	
11/29/2013	137	172	309	
11/30/2013	206	179	385	
November Total	2,416	2,406	4,822	47,434 monthly rolling

December Producti	Kiln #3 (tons)	Kiln #4 (tons)	Total
12/1/2013	209	224	433
12/2/2013	216	227	444
12/3/2013	190	202	392
12/4/2013	188	199	388
12/5/2013	140	157	297
12/6/2013	181	199	379
12/7/2013	176	199	375
12/8/2013	163	189	352
12/9/2013	173	196	369
12/10/2013	204	222	425
12/11/2013	206	200	406
12/12/2013	206	220	426
12/13/2013	208	218	426
12/14/2013	212	219	431
12/15/2013	212	220	432
12/16/2013	87	91	177
12/17/2013	0	0	0
12/18/2013	0	0	0
12/19/2013	0	0	0
12/20/2013	0	0	0
12/21/2013	0	0	0
12/22/2013	0	0	0
12/23/2013	0	0	0
12/24/2013	0	0	0
12/25/2013	0	0	0
12/26/2013	0	0	0
12/27/2013	0	0	0
12/28/2013	0	0	0
12/29/2013	0	0	0
12/30/2013	0	0	0
12/31/2013	0	0	0

December Total 2,971 3,182 6,152 38,581 monthly rolling

January Production	Kiln #3 (tons)	Kiln #4 (tons)	Total	
1/1/2014	0	0	0	
1/2/2014	0	0	0	
1/3/2014	0	0	0	
1/4/2014	0	0	0	
1/5/2014	0	0	0	
1/6/2014	0	0	0	
1/7/2014	0	0	0	
1/8/2014	0	0	0	
1/9/2014	0	0	0	
1/10/2014	0	0	0	
1/11/2014	0	0	0	
1/12/2014	0	0	0	
1/13/2014	0	0	0	
1/14/2014	0	0	0	
1/15/2014	0	0	0	
1/16/2014	0	0	0	
1/17/2014	60	0	60	
1/18/2014	229	0	229	
1/19/2014	220	0	220	
1/20/2014	224	0	224	
1/21/2014	223	113	336	
1/22/2014	218	118	337	
1/23/2014	215	223	438	
1/24/2014	214	226	440	
1/25/2014	194	197	391	
1/26/2014	214	161	375	
1/27/2014	215	84	298	
1/28/2014	238	249	487	
1/29/2014	79	83	162	
1/30/2014	9	11	20	
1/31/2014	213	249	463	
January Total	2,765	1,714	4,480	50,291 monthly rolling

February Productio	Kiln #3 (tons)	Kiln #4 (tons)	Total
2/1/2014	232	250	482
2/2/2014	230	249	479
2/3/2014	237	251	489
2/4/2014	226	244	471
2/5/2014	233	248	480
2/6/2014	235	178	412
2/7/2014	231	223	454
2/8/2014	228	243	471
2/9/2014	231	245	477
2/10/2014	225	239	464
2/11/2014	227	240	467
2/12/2014	143	153	296
2/13/2014	0	0	0
2/14/2014	0	0	0
2/15/2014	0	0	0
2/16/2014	0	0	0
2/17/2014	0	0	0
2/18/2014	0	0	0
2/19/2014	0	0	0
2/20/2014	0	9	9
2/21/2014	191	34	225
2/22/2014	217	229	445
2/23/2014	162	232	394
2/24/2014	214	235	449
2/25/2014	210	190	401
2/26/2014	225	237	462
2/27/2014	226	29	255
2/28/2014	220	201	421

February Total

4,343

4,159

8,503

57,627 monthly rolling

March Production	Kiln #3 (tons)	Kiln #4 (tons)	Total	
3/1/2014	215	82	297	
3/2/2014	214	77	290	
3/3/2014	213	190	403	
3/4/2014	156	149	305	
3/5/2014	222	237	459	
3/6/2014	227	238	465	
3/7/2014	224	235	460	
3/8/2014	220	234	454	
3/9/2014	195	226	421	
3/10/2014	225	237	462	
3/11/2014	225	237	462	
3/12/2014	224	236	460	
3/13/2014	187	234	421	
3/14/2014	222	238	460	
3/15/2014	225	202	427	
3/16/2014	228	239	467	
3/17/2014	115	116	231	
3/18/2014	0	0	0	
3/19/2014	0	0	0	
3/20/2014	0	0	0	
3/21/2014	0	0	0	
3/22/2014	0	0	0	
3/23/2014	0	0	0	
3/24/2014	0	0	0	
3/25/2014	0	0	0	
3/26/2014	0	0	0	
3/27/2014	0	0	0	
3/28/2014	0	0	0	
3/29/2014	0	0	0	
3/30/2014	0	0	0	23,066 monthly rolling
3/31/2014	0	0	0	
March Total	3,537	3,407	6,944	Yearly total

67,714 Yearly total

APPENDIX B

PO0036PC2 Condition #1

Natural Gas Consumption

Daily & Monthly Natural Gas Usage

Production	Kiln #3 mcf	Kiln #4 mcf	Main Gas		
4/1/2013	0	0	0		
4/2/2013	0	0	0		
4/3/2013	0	0	0		
4/4/2013	0	0	0		
4/5/2013	0	0	0		
4/6/2013	0	0	0		
4/7/2013	0	0	0		
4/8/2013	0	0	0		
4/9/2013	0	0	0		
4/10/2013	0	0	0		
4/11/2013	0	0	0		
4/12/2013	0	0	0		
4/13/2013	0	0	0		
4/14/2013	0	0	0		
4/15/2013	0	0	0		
4/16/2013	0	0	0		
4/17/2013	0	0	0		
4/18/2013	46	117	163		
4/19/2013	7	604	611		
4/20/2013	7	667	674		
4/21/2013	7	670	677		
4/22/2013	189	663	852		
4/23/2013	776	666	1442		
4/24/2013	736	666	1402		
4/25/2013	728	679	1407		
4/26/2013	727	664	1391		
4/27/2013	707	666	1373		
4/28/2013	716	662	1378		
4/29/2013	702	666	1368		
4/30/2013	659	705	1364		
	6,007	8,095	14,102	6.01	8.10

	Kiln #3 mcf	Kiln #4 mcf	Main Gas		
5/1/2013	705	667	1372		
5/2/2013	705	666	1371		
5/3/2013	693	657	1350		
5/4/2013	706	659	1365		
5/5/2013	704	646	1350		
5/6/2013	713	637	1350		
5/7/2013	705	622	1327		
5/8/2013	695	626	1321		
5/9/2013	713	658	1371		
5/10/2013	715	656	1371		
5/11/2013	745	685	1430		
5/12/2013	694	672	1366		
5/13/2013	727	686	1413		
5/14/2013	734	680	1414		
5/15/2013	739	673	1412		
5/16/2013	745	680	1425		
5/17/2013	729	658	1387		
5/18/2013	743	659	1402		
5/19/2013	729	626	1355		
5/20/2013	254	232	486		
5/21/2013	0	0	0		
5/22/2013	0	0	0		
5/23/2013	0	0	0		
5/24/2013	0	0	0		
5/25/2013	0	0	0		
5/26/2013	0	0	0		
5/27/2013	0	0	0		
5/28/2013	0	0	0		
5/29/2013	0	0	0		
5/30/2013	0	0	0		
5/31/2013	0	0	0		
	13,893	12,745	26,638	13.89	12.75

	Kiln #3 mcf	Kiln #4 mcf	Main Gas		
6/1/2013	0	0	0		
6/2/2013	93	26	119		
6/3/2013	808	0	808		
6/4/2013	754	0	754		
6/5/2013	819	0	819		
6/6/2013	744	626	1370		
6/7/2013	633	711	1344		
6/8/2013	569	702	1271		
6/9/2013	604	735	1339		
6/10/2013	707	712	1419		
6/11/2013	732	728	1460		
6/12/2013	714	705	1419		
6/13/2013	740	746	1486		
6/14/2013	728	720	1448		
6/15/2013	737	738	1475		
6/16/2013	740	737	1477		
6/17/2013	745	738	1483		
6/18/2013	626	718	1344		
6/19/2013	379	725	1104		
6/20/2013	733	736	1469		
6/21/2013	724	714	1438		
6/22/2013	718	711	1429		
6/23/2013	721	707	1428		
6/24/2013	710	703	1413		
6/25/2013	706	693	1399		
6/26/2013	711	709	1420		
6/27/2013	726	730	1456		
6/28/2013	653	627	1280		
6/29/2013	73	69	142		
6/30/2013	0	0	0		
	18,347	16,466	34,813	18.35	16.47

	Kiln #3 mcf	Kiln #4 mcf	Main Gas		
7/1/2013	0	0	0		
7/2/2013	0	0	0		
7/3/2013	0	0	0		
7/4/2013	0	0	0		
7/5/2013	0	0	0		
7/6/2013	0	0	0		
7/7/2013	0	0	0		
7/8/2013	0	0	0		
7/9/2013	0	0	0		
7/10/2013	353	326	679		
7/11/2013	695	294	989		
7/12/2013	684	646	1330		
7/13/2013	696	656	1352		
7/14/2013	707	647	1354		
7/15/2013	712	706	1418		
7/16/2013	393	410	803		
7/17/2013	675	657	1332		
7/18/2013	738	694	1432		
7/19/2013	746	704	1450		
7/20/2013	703	702	1405		
7/21/2013	689	693	1382		
7/22/2013	699	696	1395		
7/23/2013	709	714	1423		
7/24/2013	729	710	1439		
7/25/2013	739	719	1458		
7/26/2013	719	717	1436		
7/27/2013	717	700	1417		
7/28/2013	717	713	1430		
7/29/2013	667	705	1372		
7/30/2013	630	714	1344		
7/31/2013	712	710	1422		
	14,829	14,233	29,062	14.83	14.23

	Kiln #3 mcf	Kiln #4 mcf	Main Gas		
8/1/2013	0	0	0		
8/2/2013	0	0	0		
8/3/2013	0	0	0		
8/4/2013	0	0	0		
8/5/2013	0	0	0		
8/6/2013	0	0	0		
8/7/2013	0	0	0		
8/8/2013	0	0	0		
8/9/2013	0	0	0		
8/10/2013	0	0	0		
8/11/2013	0	0	0		
8/12/2013	0	0	0		
8/13/2013	0	0	0		
8/14/2013	0	0	0		
8/15/2013	471	467	938		
8/16/2013	744	706	1450		
8/17/2013	752	710	1462		
8/18/2013	744	714	1458		
8/19/2013	519	671	1190		
8/20/2013	0	681	681		
8/21/2013	46	290	336		
8/22/2013	596	554	1150		
8/23/2013	638	695	1333		
8/24/2013	727	686	1413		
8/25/2013	706	701	1407		
8/26/2013	699	684	1383		
8/27/2013	525	545	1070		
8/28/2013	89	686	775		
8/29/2013	672	708	1380		
8/30/2013	647	705	1352		
8/31/2013	665	723	1388		
	9240	10,926	20,166	9.24	10.93

	Kiln #3 mcf	Kiln #4 mcf	Main Gas		
9/1/2013	34	29	63		
9/2/2013	0	0	0		
9/3/2013	0	0	0		
9/4/2013	0	0	0		
9/5/2013	0	0	0		
9/6/2013	0	0	0		
9/7/2013	0	0	0		
9/8/2013	0	0	0		
9/9/2013	0	0	0		
9/10/2013	0	0	0		
9/11/2013	0	0	0		
9/12/2013	0	0	0		
9/13/2013	0	0	0		
9/14/2013	0	0	0		
9/15/2013	0	0	0		
9/16/2013	0	0	0		
9/17/2013	0	0	0		
9/18/2013	0	0	0		
9/19/2013	9	11	20		
9/20/2013	344	533	877		
9/21/2013	700	680	1380		
9/22/2013	678	659	1337		
9/23/2013	592	662	1254		
9/24/2013	702	684	1386		
9/25/2013	598	700	1298		
9/26/2013	722	701	1423		
9/27/2013	724	708	1432		
9/28/2013	699	690	1389		
9/29/2013	667	678	1345		
9/30/2013	691	686	1377		
	7,160	7,421	14,581	7.16	7.42

	Kiln #3 mcf	Kiln #4 mcf	Main Gas		
10/1/2013	693	655	1348		
10/2/2013	721	653	1374		
10/3/2013	738	660	1398		
10/4/2013	723	648	1371		
10/5/2013	724	646	1370		
10/6/2013	705	687	1392		
10/7/2013	696	667	1363		
10/8/2013	707	671	1378		
10/9/2013	630	570	1200		
10/10/2013	222	164	386		
10/11/2013	653	597	1250		
10/12/2013	659	654	1313		
10/13/2013	648	688	1336		
10/14/2013	684	696	1380		
10/15/2013	698	707	1405		
10/16/2013	705	707	1413		
10/17/2013	149	96	245		
10/18/2013	0	0	0		
10/19/2013	0	0	0		
10/20/2013	0	0	0		
10/21/2013	0	0	0		
10/22/2013	0	0	0		
10/23/2013	0	0	0		
10/24/2013	0	0	0		
10/25/2013	0	0	0		
10/26/2013	0	0	0		
10/27/2013	0	0	0		
10/28/2013	0	0	0		
10/29/2013	0	0	0		
10/30/2013	0	0	0		
10/31/2013	0	0	0		
	10,062	9,511	19,574	10.06	9.51

11/1/2013	0	0	0		
11/2/2013	0	0	0		
11/3/2013	0	0	0		
11/4/2013	0	0	0		
11/5/2013	0	0	0		
11/6/2013	0	0	0		
11/7/2013	0	0	0		
11/8/2013	0	0	0		
11/9/2013	0	0	0		
11/10/2013	0	0	0		
11/11/2013	0	0	0		
11/12/2013	0	0	0		
11/13/2013	0	0	0		
11/14/2013	0	0	0		
11/15/2013	0	0	0		
11/16/2013	0	0	0		
11/17/2013	0	0	0		
11/18/2013	437	426	862		
11/19/2013	489	678	1167		
11/20/2013	585	567	1152		
11/21/2013	768	702	1470		
11/22/2013	800	694	1494		
11/23/2013	770	686	1456		
11/24/2013	752	678	1430		
11/25/2013	707	698	1405		
11/26/2013	738	201	939		
11/27/2013	737	680	1417		
11/28/2013	752	687	1439		
11/29/2013	585	592	1177		
11/30/2013	719	576	1295		
	8,839	7,865	16,703	8.84	7.87

	Kiln #3 mcf	Kiln #4 mcf	Main Gas		
12/1/2013	727	678	1405		
12/2/2013	759	680	1439		
12/3/2013	742	675	1417		
12/4/2013	784	675	1459		
12/5/2013	653	632	1285		
12/6/2013	751	689	1440		
12/7/2013	736	685	1421		
12/8/2013	701	646	1347		
12/9/2013	750	692	1442		
12/10/2013	754	684	1438		
12/11/2013	734	635	1369		
12/12/2013	735	680	1415		
12/13/2013	740	664	1404		
12/14/2013	752	654	1406		
12/15/2013	743	691	1434		
12/16/2013	343	310	653		
12/17/2013	0	0	0		
12/18/2013	0	0	0		
12/19/2013	0	0	0		
12/20/2013	0	0	0		
12/21/2013	0	0	0		
12/22/2013	0	0	0		
12/23/2013	0	0	0		
12/24/2013	0	0	0		
12/25/2013	0	0	0		
12/26/2013	0	0	0		
12/27/2013	0	0	0		
12/28/2013	0	0	0		
12/29/2013	0	0	0		
12/30/2013	0	0	0		
12/31/2013	0	0	0		
	11,404	10,370	21,774	11.40	10.37

	Kiln #3 mcf	Kiln #4 mcf	Main Gas		
1/1/2014	0	0	0		
1/2/2014	0	0	0		
1/3/2014	0	0	0		
1/4/2014	0	0	0		
1/5/2014	0	0	0		
1/6/2014	0	0	0		
1/7/2014	0	0	0		
1/8/2014	0	0	0		
1/9/2014	0	0	0		
1/10/2014	0	0	0		
1/11/2014	0	0	0		
1/12/2014	0	0	0		
1/13/2014	0	0	0		
1/14/2014	0	0	0		
1/15/2014	0	0	0		
1/16/2014	7	0	7		
1/17/2014	567	0	567		
1/18/2014	750	0	750		
1/19/2014	757	0	757		
1/20/2014	763	32	795		
1/21/2014	801	493	1294		
1/22/2014	790	439	1229		
1/23/2014	776	706	1482		
1/24/2014	778	713	1491		
1/25/2014	723	619	1342		
1/26/2014	795	512	1307		
1/27/2014	792	339	1131		
1/28/2014	784	711	1495		
1/29/2014	263	239	502		
1/30/2014	308	308	616		
1/31/2014	767	687	1454		
	10,421	5,798	16,219	10.42	5.80

	Kiln #3 mcf	Kiln #4 mcf	Main Gas		
2/1/2014	785	685	1470		
2/2/2014	781	681	1462		
2/3/2014	795	686	1481		
2/4/2014	759	662	1421		
2/5/2014	778	694	1472		
2/6/2014	785	524	1309		
2/7/2014	773	689	1462		
2/8/2014	749	693	1442		
2/9/2014	768	713	1481		
2/10/2014	760	682	1442		
2/11/2014	762	676	1438		
2/12/2014	515	469	984		
2/13/2014	0	0	0		
2/14/2014	0	0	0		
2/15/2014	0	0	0		
2/16/2014	0	0	0		
2/17/2014	0	0	0		
2/18/2014	0	0	0		
2/19/2014	0	0	0		
2/20/2014	58	126	184		
2/21/2014	713	170	883		
2/22/2014	771	705	1476		
2/23/2014	701	649	1350		
2/24/2014	764	701	1465		
2/25/2014	743	587	1330		
2/26/2014	781	687	1468		
2/27/2014	963	259	1222		
2/28/2014	605	652	1257		
	0				
	15,109	12,390	27,499	15.11	12.39

	Kiln #3 mcf	Kiln #4 mcf	Main Gas		
3/1/2014	721	314	1035		
3/2/2014	726	291	1017		
3/3/2014	712	596	1308		
3/4/2014	607	524	1131		
3/5/2014	776	686	1462		
3/6/2014	773	670	1443		
3/7/2014	781	687	1468		
3/8/2014	736	681	1417		
3/9/2014	659	642	1300		
3/10/2014	758	667	1425		
3/11/2014	770	688	1458		
3/12/2014	767	698	1465		
3/13/2014	744	691	1435		
3/14/2014	753	701	1454		
3/15/2014	721	639	1360		
3/16/2014	739	679	1418		
3/17/2014	409	352	761		
3/18/2014	0	0	0		
3/19/2014	0	0	0		
3/20/2014	0	0	0		
3/21/2014	0	0	0		
3/22/2014	0	0	0		
3/23/2014	0	0	0		
3/24/2014	0	0	0		
3/25/2014	0	0	0		
3/26/2014	0	0	0		
3/27/2014	0	0	0		
3/28/2014	0	0	0		
3/29/2014	0	0	0		
3/30/2014	0	0	0		
3/31/2014	0	0	0		
	12,152	10,206	22,357	12.15	10.21

APPENDIX C

PO0036PC5 Condition #5 and #5

Biodiesel Supply and Delivery Data

Biosoy and Red Dye Diesel Received for 2013

	Date Received	Gallons	Bio B-99 Only	Red Dye Diesel Only
			Raw Tank	Mobile Equipment Tank
Jan-13	1/18/2013	7,476		7,476
Total		7,476		7,476
Feb-13				
Total				
Mar-13	1-Mar	7,000	7,000	
Total			7,000	
Apr-13				
Total				
May-13	22-May	7,409		7,409
	31-May	6,981	6,981	
Total			6,981	7,409
Jun-13	27-Jun	7,000		7,000
Total		7,000		7,000
Jul-13				
Total				
Aug-13	9-Aug	7,406		7,406
	19-Aug	6,949	6,949	
Total		14,355	6,949	7,406
Sep-13	26-Sep	6,763		6,763
Total		6,763		6,763
Oct-13	10-Oct	6,751	6,751	
Total			6,751	
Nov-13	29-Nov	6,792	6,792	
Total			6,792	
Dec-13	26-Dec	3,014		3,014
Total				3,014

**#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

Yearly Total Biodiesel 34,473
Yearly Total Red diesel 39,068

From June 1,2009

34,473
39,068

Biosoy and Red Dye Diesel Received for 2014

	Date Received	Gallons	Bio B-99 Only	Red Dye Diesel Only
			Raw Tank	Mobile Equipment Tank
Jan-14	1/6/2014	6,702	6,702	
	1/29/2014	6,964		6,964
Total		6,702	6,702	6,964
Feb-14	7-Feb	6,402	6,402	
	14-Feb	2,005		2,005
Total			6,402	2,005
Mar-14	7-Mar	6,388	6,388	
Total			6,388	
Apr-14	22-Apr	6,653		6,653
Total		6,653		6,653
May-14	9-May		6,377	
Total			6,377	
Jun-14				
Total				
Jul-14				
Total				
Aug-14				
Total				
Sep-14				
Total				
Oct-14				
Total				
Nov-14				
Total				
Dec-14				
Total				

**#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

Yearly Total Biodiesel 25,869
Yearly Total Red diesel 15,622

From June 1,2009 25,869
15,622

Inspectorate
 22934 Lockness Avenue
 Torrance, California 90501 USA
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 F: 310-326-4470



INSPECTORATE

Draft Certificate of Analysis

Vessel / Shore Tank : FURUHOLMEN
 Product : Bio Diesel
 Client Reference : TBN
 Terminal / Port / Office : CHEMOIL 209
 Job ID : 2013-081-01857
 Sample Details : Sampling and Analysis (Volumetric Composite) Before Discharge
 Comments :

Sample Submitted By : Los Angeles, CA
 Analysis Performed By : IAC Los Angeles
 Date Sampled : 17-Nov-2013
 Date Reported : 17-Nov-2013
 Submission ID : 2013-081-01857

Method	Sample Number	Vessel Composite	
		Test	Result
			2013-081-01857-001
ASTM D4052	API Gravity @ 60 °F		29.7
ending EN 14538	Calcium , ppm (mg/kg)		Pending
	Magnesium , ppm (mg/kg)		Pending
	Ca+Mg , ppm (mg/kg)		Pending
	Sodium , ppm (mg/kg)		Pending
	Potassium , ppm (mg/kg)		Pending
	Na + K , ppm (mg/kg)		Pending
ending EN 14110	Methanol , % (m/m)		Pending
	Methanol (Actual Value)		Pending
	Procedure		Pending
ASTM D2709	Water and Sediment , % (wv)		0.000
ASTM D445	Test Temperature		40 °C (104 °F)
	Kinematic Viscosity , cSt		4.385
ASTM D93 Proc. C	Manual / Automated		Automatic
	Flash Point , °C / °F		173.5 / 344
ASTM D874	Sulfated Ash , mass %		<0.005
ASTM D5453	Sulfur Content , ppm (mg/kg) / wt %		2.1 / 0.0002
ASTM D130	Copper Corrosion at 50 °C (122 °F) for 3h		1a
	Pressure Vessel Used		Yes
ASTM D613	Cetane Number		56.0
ASTM D2500	Cloud Point , °C / °F		11 / 52
ASTM D4530	Micro Carbon Residue , % (m/m)		<0.1
ending ASTM D664	Total Acid Number , mg KOH/g		Pending
	Type of Endpoint Determination Used		Pending
	Chloroform Solvent		Pending
ending ASTM D6584	Free Glycerin , mass %		Pending
	Total Glycerin , mass %		Pending
	Monoglyceride Content , mass %		Pending
	Diglyceride Content , mass %		Pending
	Triglyceride Content , mass %		Pending
ending ASTM D4951	Phosphorus , mass %		Pending
ending ASTM D1160	AET at IBP , °C		Pending
	AET at 5% Recovered , °C		Pending
	AET at 10% Recovered , °C		Pending
	AET at 20% Recovered , °C		Pending
	AET at 30% Recovered , °C		Pending
	AET at 40% Recovered , °C		Pending
	AET at 50% Recovered , °C		Pending
	AET at 60% Recovered , °C		Pending
	AET at 70% Recovered , °C		Pending
	AET at 80% Recovered , °C		Pending

CERTIFICATE OF QUALITY

Job No. :
 Representing :
 Load Port :
 Location :
 Vessel :
 Description of Cargo : Non-Ester Renewable Diesel
 Source : Linear and Branched
 Sample Date : Shore Tank DOST 7, Taken Before Loading
 Sample No. : 31st January 2013

The above sample was tested on 31/1 - 1/2/13 in accordance with the test methods stipulated, with the results as follows :-

Test	Units	Methods	Specification	Results
Cetane Number (DCN)	-	ASTM D6890	70 min	85.9
API Gravity	-	ASTM D4052	30 min	49.7
Density @ 15°C	kg/m ³	ASTM D4052	770 - 790	780.3
Sulphur	mg/kg	ASTM D5453	5 max	<1.0
Flash Point, PMCC	°C	ASTM D93	54 min	73.0
Flash Point, PMCC	°F	ASTM D93	130 min	164.0
Ramsbottom Carbon Residue on 10% Bottom	wt%	ASTM D524	0.1 Max	0.02
Ash Content	wt %	ASTM D482	0.001 max	<0.001
Water Content	mg/kg	ASTM D6304	200 max	91
Sediment (Total Contamination)	mg/kg	EN ISO 12662	10 max	0.6
Copper Strip Corrosion 3h/50°C	-	ASTM D130	Class 1b	1a
Oxidation Stability	g/m ³	ASTM D2274	25 max	4
Total Acid Number	mgKOH/g	ASTM D 3242	0.01 max	0.001
Viscosity @ 40°C	mm ² /s	ASTM D445	2.0 - 4.0	3.045
Distillation Range				
50% Recovered	°C	ASTM D86	Report	283.4
90% Recovered	°C	ASTM D86	320 max	294.6
Final Boiling Point	°C	ASTM D86	330 max	305.2
Distillation Range				
50% Recovered	°F	ASTM D86	Report	542.0
90% Recovered	°F	ASTM D86	608 max	562.0
Final Boiling Point	°F	ASTM D86	626 max	581.0
Cloud Point (Exact Reading)	°C	ASTM D5773	-17.1 max	-23.3
Cloud Point	°C	ASTM D5773	-18 max	-24
Cloud Point	°F	ASTM D5773	0 max	-10
Electrical Conductivity @ 21°C (70°F)	pS/m	ASTM D2624	50 - 250	104
ASTM Color	-	ASTM D1500	2.5 max	<0.5
Color	-	Visual	undyed	undyed
Aromatics	Vol%	EN 12916	Report	<1.0
Stadis 450	mg/l	Additive	Report	1.6

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Inspectorate
 22934 Lockness Avenue
 Torrance, California 90501 USA
 T: 310-326-4429
 F: 310-326-4470



INSPECTORATE

Certificate of Analysis

Vessel / Shore Tank : **FPMC 30**
 Product : **Bio Diesel**
 Client Reference : **TBN**
 Terminal / Port / Office : **Chemoil B-209 / Long Beach, CA**
 Job ID : **2013-081-02015**
 Sample Details : **Stowage: 5P/S**
 Comments :

Sample Submitted By : **IAC Los Angeles**
 Analysis Performed By : **IAC Los Angeles**
 Date Sampled : **10-Dec-2013**
 Date Reported : **16-Dec-2013**
 Submission ID : **2013-081-02015**

Method	Test	Vessel Composite	
		Sample Number	Result
		2013-081-02015-001	
ASTM D4052	API Gravity @ 60°F	28.8	
EN 14538	Calcium , ppm (mg/kg)	<1	
	Magnesium , ppm (mg/kg)	<1	
	Ca+Mg , ppm (mg/kg)	<2	5.0 Max.
	Sodium , ppm (mg/kg)	<1	
	Potassium , ppm (mg/kg)	<1	
	Na + K , ppm (mg/kg)	<2	5.0 Max.
IAC EN 14110	Methanol , % (m/m)	0.01	0.20 Max.
ASTM D2709	Water and Sediment , % (v/v)	0.000	0.050 Max.
ASTM D445	Test Temperature	40 °C (104°F)	
	Kinematic Viscosity , cSt	4.236	1.9 - 6.0
ASTM D93 Proc. C	Manual / Automated	Automatic	
	Flash Point , °C / °F	>180.0 / >356	93° C Min.
ASTM D874	Sulfated Ash , mass %	<0.005	0.020 Max.
ASTM D5453	Sulfur Content , ppm (mg/kg) / wt %	1.8 / 0.0002	15 ppm Max.
ASTM D130	Copper Corrosion at 50°C (122°F) for 3h	1a	No. 3
	Pressure Vessel Used	Yes	
ASTM D613	Cetane Number	52.6	47.0 Min.
ASTM D2500	Cloud Point , °C / °F	3 / 37	
ASTM D4530	Micro Carbon Residue , % (m/m)	<0.1	0.050 Max.
ASTM D664	Total Acid Number , mg KOH/g	0.18	0.50 Max.
IAC ASTM D6584	Free Glycerin , mass %	0.013	0.020 Max.
	Total Glycerin , mass %	0.144	0.240 Max.
	Monoglyceride Content , mass %	0.501	
	Diglyceride Content , mass %	<0.092	
	Triglyceride Content , mass %	0.003	
ASTM D4951	Phosphorus , mass %	<0.001	0.001 Max.
ASTM D1160	AET at IBP , °C	245	
	AET at 5% Recovered , °C	344	
	AET at 10% Recovered , °C	346	
	AET at 20% Recovered , °C	346	
	AET at 30% Recovered , °C	347	
	AET at 40% Recovered , °C	349	
	AET at 50% Recovered , °C	350	
	AET at 60% Recovered , °C	350	
	AET at 70% Recovered , °C	351	
	AET at 80% Recovered , °C	352	
	AET at 90% Recovered , °C	354	360° C Max.
	AET at 95% Recovered , °C	356	
	AET at EP , °C	378	
	Recovery , vol %	99.8	
	Residue , vol %	0.2	
IAC EN 15751	Oxidation Stability , h	18.5	3.0 Min.
IAC ASTM D7501	Sample Volume , mL	300	
	Filtration Time , sec	93	200 Max.
IAC EN 14111	Iodine Value , g Iodine/100g	106	

Samples tested were obtained using closed and/or restricted sampling equipment. Please refer to API MPMS Chapter 17.11 (7.3.2.4) for further information.

IAC Analysis performed by alternative IAC Laboratory.

For Inspectorate:

Anthony Riccardi
 Anthony Riccardi, Assistant Laboratory Manager

Inspectorate
 22934 Lockness Avenue
 Torrance, California 90501 USA
 T: 310-326-4429
 F: 310-326-4470



INSPECTORATE

Certificate of Analysis

Vessel / Shore Tank : FPMC 30
Product : Bio Diesel
Client Reference : TBN
Terminal / Port / Office : Chemoil B-209 / Long Beach, CA
Job ID : 2013-081-02015
Sample Details : Stowage: 5P/S
Comments :


Sample Submitted By : IAC Los Angeles
Analysis Performed By : IAC Los Angeles
Date Sampled : 10-Dec-2013
Date Reported : 11-Dec-2013
Submission ID : 2013-081-02015

Method	Sample Number	Vessel Composite		Specification
		Test	Result	
ASTM D4052	API Gravity @ 60°F		28.8	
EN 14538	Calcium , ppm (mg/kg)		<1	
	Magnesium , ppm (mg/kg)		<1	
	Ca+Mg , ppm (mg/kg)		<2	5.0 Max.
	Sodium , ppm (mg/kg)		<1	
	Potassium , ppm (mg/kg)		<1	
	Na + K , ppm (mg/kg)		<2	5.0 Max.
nding EN 14110	Methanol , % (m/m)		Pending	0.20 Max.
ASTM D2709	Water and Sediment , % (v/v)		0.000	0.050 Max.
ASTM D445	Test Temperature		40°C (104 °F)	
	Kinematic Viscosity , cSt		4.236	1.9 - 6.0
nding ASTM D93 Proc. C	Manual / Automated		Automatic	
	Flash Point , ° C / ° F		Pending	93° C Min.
ASTM D874	Sulfated Ash , mass %		<0.005	0.020 Max.
ASTM D5453	Sulfur Content , ppm (mg/kg) / wt %		1.8 / 0.0002	15 ppm Max.
ASTM D130	Copper Corrosion at 50°C (122°F) for 3h		1a	No. 3
	Pressure Vessel Used		Yes	
ASTM D613	Cetane Number		52.6	47.0 Min.
ASTM D2500	Cloud Point , ° C / ° F		3 / 37	
ASTM D4530	Micro Carbon Residue , % (m/m)		<0.1	0.050 Max.
ASTM D664	Total Acid Number , mg KOH/g		0.18	0.50 Max.
nding ASTM D6584	Free Glycerin , mass %		Pending	0.020 Max.
	Total Glycerin , mass %		Pending	0.240 Max.
	Monoglyceride Content , mass %		Pending	0.40 Max.
	Diglyceride Content , mass %		Pending	
	Triglyceride Content , mass %		Pending	
ASTM D4951	Phosphorus , mass %		<0.001	0.001 Max.
ASTM D1160	AET at IBP , ° C		245	
	AET at 5% Recovered , ° C		344	
	AET at 10% Recovered , ° C		346	
	AET at 20% Recovered , ° C		346	
	AET at 30% Recovered , ° C		347	
	AET at 40% Recovered , ° C		349	
	AET at 50% Recovered , ° C		350	
	AET at 60% Recovered , ° C		350	
	AET at 70% Recovered , ° C		351	
	AET at 80% Recovered , ° C		352	
	AET at 90% Recovered , ° C		354	360° C Max.
	AET at 95% Recovered , ° C		356	
	AET at EP , ° C		378	
	Recovery , vol %		99.8	
	Residue , vol %		0.2	
nding EN 15751	Oxidation Stability , h		Pending	3.0 Min.
nding ASTM D7501	Sample Volume , mL		Pending	
	Filtration Time , sec		Pending	200 Max.
nding EN 14111	Iodine Value , g Iodine/100g		Pending	

nding Pending
 Samples tested were obtained using closed and/or restricted sampling equipment. Please refer to API MPMS Chapter 17.11 (7.3.2.4) for further information.

IAC Analysis performed by alternative IAC Laboratory.

For Inspectorate:


 Anthony Riccardi, Assistant Laboratory Manager

Inspectorate
 22934 Lockness Avenue
 Torrance, California 90501 USA
 T: 310-326-4429
 F: 310-326-4470



INSPECTORATE

Certificate of Analysis

Vessel / Shore Tank : **FPMC 30**
 Product : **Bio Diesel**
 Client Reference : **TBN**
 Terminal / Port / Office : **Chemcoil B-209 / Long Beach, CA**
 Job ID : **2013-081-02015**
 Sample Details : **Stowage: 5P/S**
 Comments :

Sample Submitted By : **IAC Los Angeles**
 Analysis Performed By : **IAC Los Angeles**
 Date Sampled : **10-Dec-2013**
 Date Reported : **16-Dec-2013**
 Submission ID : **2013-081-02015**

Method	Test	Vessel Composite	
		Sample Number	Result
		2013-081-02015-001	
Method	Test	Result	Specification
ASTM D4052	API Gravity @ 60 °F	28.8	
EN 14538	Calcium , ppm (mg/kg)	<1	
	Magnesium , ppm (mg/kg)	<1	
	Ca+Mg , ppm (mg/kg)	<2	5.0 Max.
	Sodium , ppm (mg/kg)	<1	
	Potassium , ppm (mg/kg)	<1	
	Na + K , ppm (mg/kg)	<2	5.0 Max.
IAC EN 14110	Methanol , % (m/m)	0.01	0.20 Max.
ASTM D2709	Water and Sediment , % (v/v)	0.000	0.050 Max.
ASTM D445	Test Temperature	40°C (104°F)	
	Kinematic Viscosity , cSt	4.236	1.9 - 6.0
ASTM D93 Proc. C	Manual / Automated	Automatic	
	Flash Point , °C / °F	>180.0 / >356	93° C Min.
ASTM D874	Sulfated Ash , mass %	<0.005	0.020 Max.
ASTM D5453	Sulfur Content , ppm (mg/kg) / wt %	1.8 / 0.0002	15 ppm Max.
ASTM D130	Copper Corrosion at 50°C (122°F) for 3h	1a	No. 3
	Pressure Vessel Used	Yes	
ASTM D613	Cetane Number	52.6	47.0 Min.
ASTM D2500	Cloud Point , °C / °F	3 / 37	
ASTM D4530	Micro Carbon Residue , % (m/m)	<0.1	0.050 Max.
ASTM D664	Total Acid Number , mg KOH/g	0.18	0.50 Max.
IAC ASTM D6584	Free Glycerin , mass %	0.013	0.020 Max.
	Total Glycerin , mass %	0.144	0.240 Max.
	Monoglyceride Content , mass %	0.501	
	Diglyceride Content , mass %	<0.092	
	Triglyceride Content , mass %	0.003	
ASTM D4951	Phosphorus , mass %	<0.001	0.001 Max.
ASTM D1160	AET at IBP , °C	245	
	AET at 5% Recovered , °C	344	
	AET at 10% Recovered , °C	346	
	AET at 20% Recovered , °C	346	
	AET at 30% Recovered , °C	347	
	AET at 40% Recovered , °C	349	
	AET at 50% Recovered , °C	350	
	AET at 60% Recovered , °C	350	
	AET at 70% Recovered , °C	351	
	AET at 80% Recovered , °C	352	
	AET at 90% Recovered , °C	354	360° C Max.
	AET at 95% Recovered , °C	356	
	AET at EP , °C	378	
	Recovery , vol %	99.8	
	Residue , vol %	0.2	
IAC EN 15751	Oxidation Stability , h	18.5	3.0 Min.
IAC ASTM D7501	Sample Volume , mL	300	
	Filtration Time , sec	93	200 Max.
IAC EN 14111	Iodine Value , g Iodine/100g	106	

Samples tested were obtained using closed and/or restricted sampling equipment. Please refer to API MPMS Chapter 17.11 (7.3.2.4) for further information.

IAC Analysis performed by alternative IAC Laboratory.

For Inspectorate:

Anthony Riccardi, Assistant Laboratory Manager

Inspectorate
 22934 Lockness Avenue
 Torrance, California 90501 USA
 T: 310-326-4429
 F: 310-326-4470



INSPECTORATE

Certificate of Analysis

Vessel / Shore Tank :	Shore Tank 50008	Sample Submitted By :	IAC Los Angeles
Product :	Carb Diesel / Bio Diesel Blend	Analysis Performed By :	IAC Los Angeles
Client Reference :	TBN	Date Sampled :	24-Feb-2014
Terminal / Port / Office :	ChemOil Carson, CA	Date Reported :	27-Feb-2014
Job ID :	2014-081-00091	Submission ID :	2014-081-00091
Comments :	Sample and Analysis		

Shore Tank 50008		
Method	2014-081-00091-005 Test	Running Average Result
ASTM D4052	API Gravity @ 60 °F	38.3
ASTM D93 Proc. A	Manual / Automated	Automatic
	Flash Point , °C / °F	64.0 / 147
ASTM D7371	Biodiesel , vol %	7.58
ASTM D2709	Water and Sediment , % (w/v)	0.000
ASTM D86	Observed Barometric Pressure , mm Hg	759
	Initial Boiling Point , °C	177.8
	5% Recovered , °C	203.3
	10% Recovered , °C	215.6
	20% Recovered , °C	232.3
	30% Recovered , °C	247.3
	40% Recovered , °C	262.1
	50% Recovered , °C	275.9
	60% Recovered , °C	289.6
	70% Recovered , °C	302.9
	80% Recovered , °C	317.2
	90% Recovered , °C	334.2
	95% Recovered , °C	347.4
	Endpoint , °C	357.2
	Recovery , %	98.2
	Residue , %	1.0
	Loss , %	0.8
ASTM D445	Test Temperature	40 °C (104 °F)
	Kinematic Viscosity , cSt	2.757
ASTM D482	Ash Content , mass %	<0.001
ASTM D5453	Sulfur Content , ppm (mg/kg) / wt %	11 / 0.0011
ASTM D130	Copper Corrosion at 50 °C (122 °F) for 3h	2a
	Pressure Vessel Used	Yes
ASTM D613	Cetane Number	52.6
	Filtered	No
ASTM D976	Calculated Cetane Index	54.7
ASTM D1319	Aromatics , vol %	18.9
ASTM D2500	Cloud Point , °C / °F	-6 / 21
ASTM D6371	Cold Filter Plugging Point , °C / °F	-8 / 18
ASTM D524	Carbon Residue, 10% Blm , mass %	<0.01
ASTM D7688	Lubricity, Major Axis , mm	0.23
	Lubricity, Minor Axis , mm	0.17
	Lubricity, Wear Scar Diameter , um	200
	Wear Scar Area Description	None
ASTM D7688	Test Temperature , °C	60
ASTM D2624	Electrical Conductivity , pS/M	66
	Fuel Temperature , °C	23

For Inspectorate:

Anthony Riccardi, Assistant Laboratory Manager

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 #1 Sand

Trinity Frazier Park

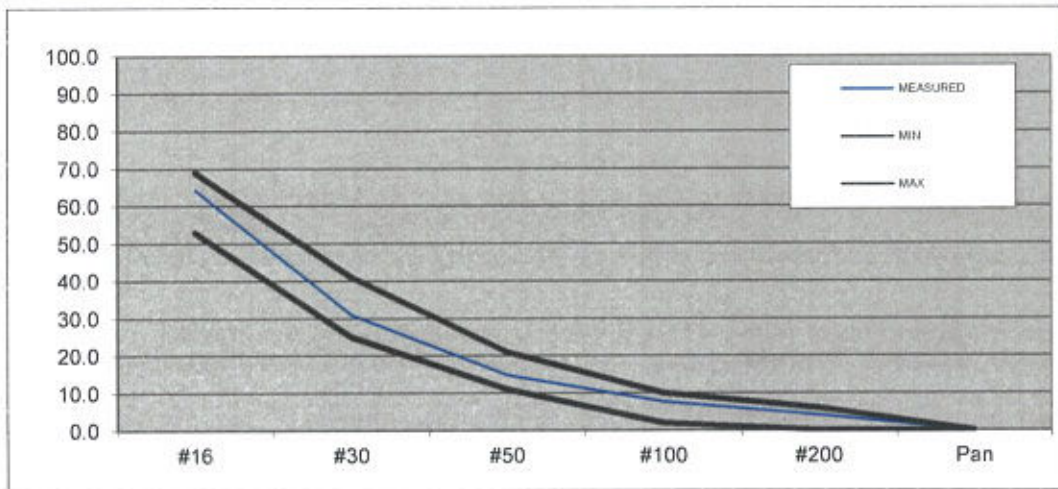
Ticket # Title 5

Sampler JJ

Date: 03/03/14

TIME: 9:00AM

Customer _____



Sieve	MEASURED	MEASURED	MEASURED	Target	
	WEIGHTS	C%R	C%P	MIN	MAX
#4	0.0	0.0	100.0	100.0	100.0
#8	25.0	4.1	95.9	96.0	90.0
#16	218.0	35.6	64.4	69.0	53.0
#30	423.0	69.1	30.9	41.0	25.0
#50	521.0	85.1	14.9	21.0	11.0
#100	565.0	92.3	7.7	10.0	2.0
#200	587.0	95.9	4.1	6.0	0.0
Pan	612.0	100.0	0.0	0.0	0.0

% MOISTURE **13.2**

Bucket Weigh **55.5** Lab B/W
Wet Weight **693**
Dry Weight **612**



Frazier Park

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

ASTM Light Wiegth Analysis

#1 Sand

Trinity Frazier Park

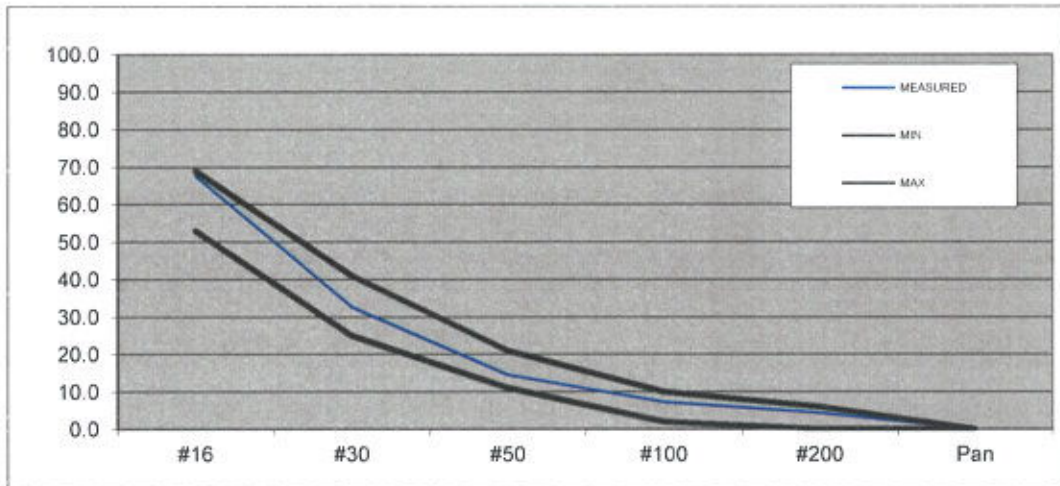
Ticket # Title 5

Sampler JJ

Date: 02/21/14

TIME: 1:20PM

Customer _____



Sieve	MEASURED	MEASURED	MEASURED	Target	
	WEIGHTS	C%R	C%P	MIN	MAX
#4	0.0	0.0	100.0	100.0	100.0
#8	13.0	2.4	97.6	96.0	90.0
#16	179.0	32.4	67.6	69.0	53.0
#30	372.0	67.4	32.6	41.0	25.0
#50	472.0	85.5	14.5	21.0	11.0
#100	512.0	92.8	7.2	10.0	2.0
#200	528.0	95.7	4.3	6.0	0.0
Pan	552.0	100.0	0.0	0.0	0.0

% MOISTURE **13.2**

Bucket Weigh	51	Lab B/W
Wet Weight	625	
Dry Weight	552	



Frazier Park

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

ASTM Light Wiegth Analysis #1 Sand

Trinity Frazier Park

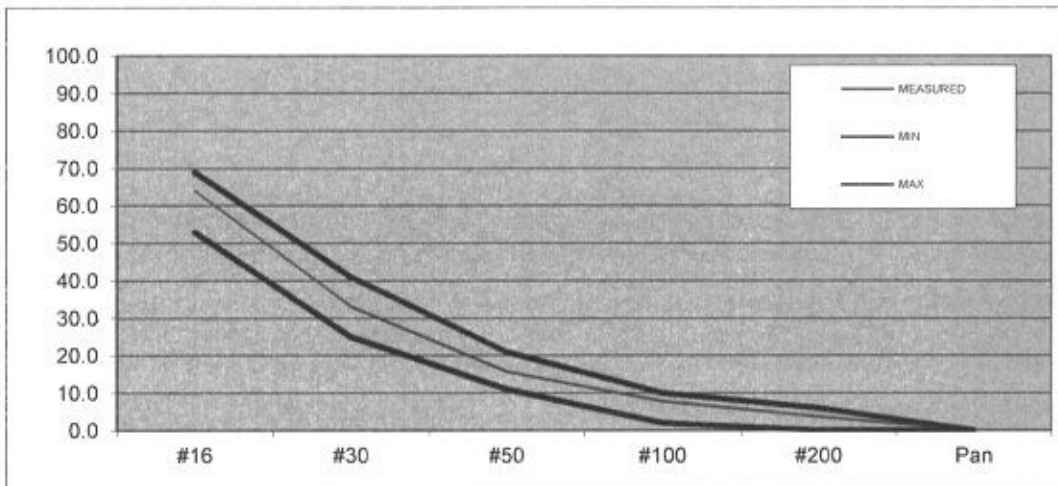
Ticket # Title 5

Sampler JJ

Date: 01/21/14

TIME: 2PM

Customer _____



Sieve	MEASURED WEIGHTS	MEASURED C%R	MEASURED C%P	Target	
				MIN	MAX
#4	0.0	0.0	100.0	100.0	100.0
#8	22.0	4.1	95.9	96.0	90.0
#16	195.0	36.0	64.0	69.0	53.0
#30	362.0	66.9	33.1	41.0	25.0
#50	456.0	84.3	15.7	21.0	11.0
#100	499.0	92.2	7.8	10.0	2.0
#200	521.0	96.3	3.7	6.0	0.0
Pan	541.0	100.0	0.0	0.0	0.0

% MOISTURE 14.8

Bucket Weigh 55.5
Wet Weight 621
Dry Weight 541

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

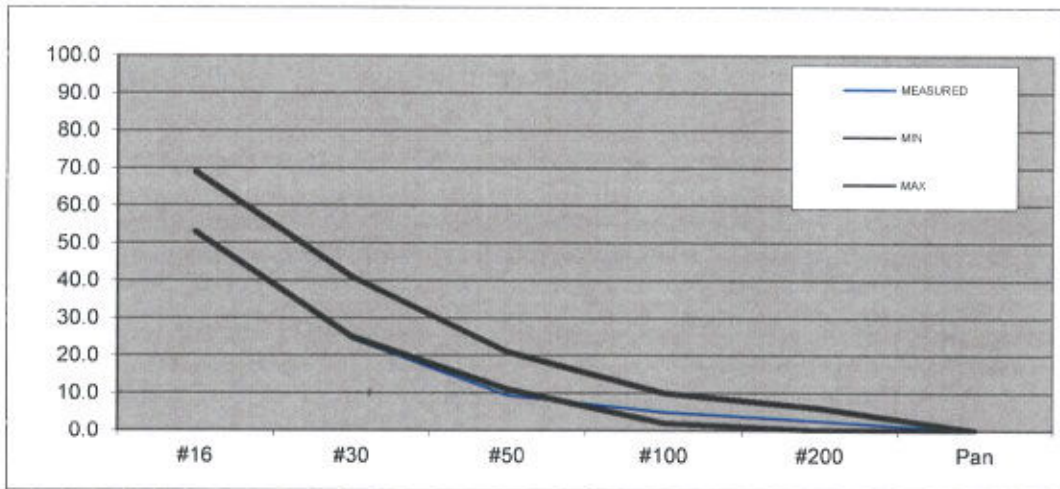
Ticket # Title 5

Sampler JJ

Date: 12/05/13

TIME: 9:00AM

Customer _____



Sieve	MEASURED	MEASURED	MEASURED	Target	
	WEIGHTS	C%R	C%P	MIN	MAX
#4	0.0	0.0	100.0	100.0	100.0
#8	53.0	8.5	91.5	96.0	90.0
#16	295.0	47.1	52.9	69.0	53.0
#30	473.0	75.6	24.4	41.0	25.0
#50	567.0	90.6	9.4	21.0	11.0
#100	595.0	95.0	5.0	10.0	2.0
#200	610.0	97.4	2.6	6.0	0.0
Pan	626.0	100.0	0.0	0.0	0.0

% MOISTURE **13.7**

Bucket Weight **54**
 Wet Weight **712**
 Dry Weight **626**

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

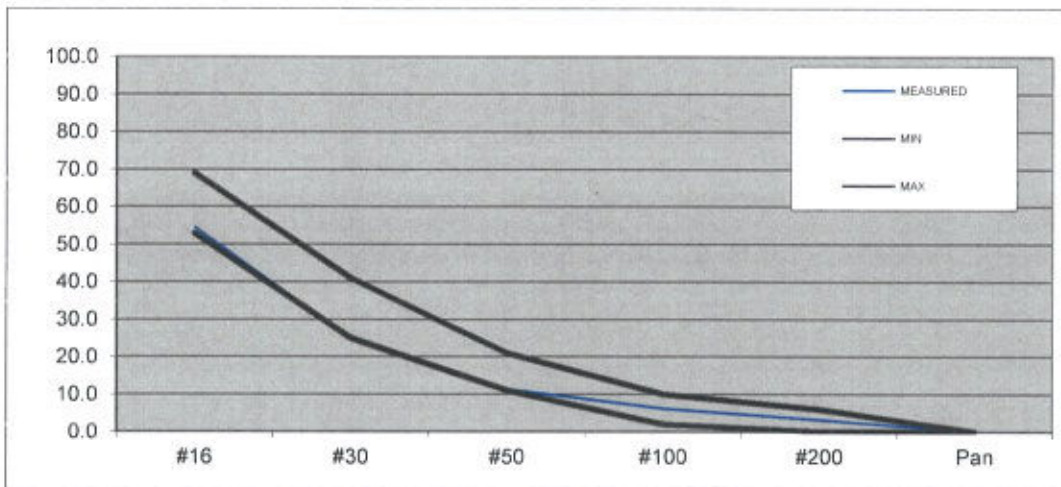
Ticket # Title 5

Sampler JJ

Date: 11/05/13

TIME: 10:36

Customer _____



Sieve	MEASURED	MEASURED	MEASURED	Target	
	WEIGHTS	C%R	C%P	MIN	MAX
#4	0.0	0.0	100.0	100.0	100.0
#8	41.0	6.9	93.1	96.0	90.0
#16	272.0	45.5	54.5	69.0	53.0
#30	450.0	75.3	24.7	41.0	25.0
#50	530.0	88.6	11.4	21.0	11.0
#100	561.0	93.8	6.2	10.0	2.0
#200	579.0	96.8	3.2	6.0	0.0
Pan	598.0	100.0	0.0	0.0	0.0

% MOISTURE 12.5

Bucket Weigh 56.5
Wet Weight 673
Dry Weight 598

Lab B/W



Frazier Park

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

ASTM Light Wieht Analysis

#1 Sand

Trinity Frazier Park

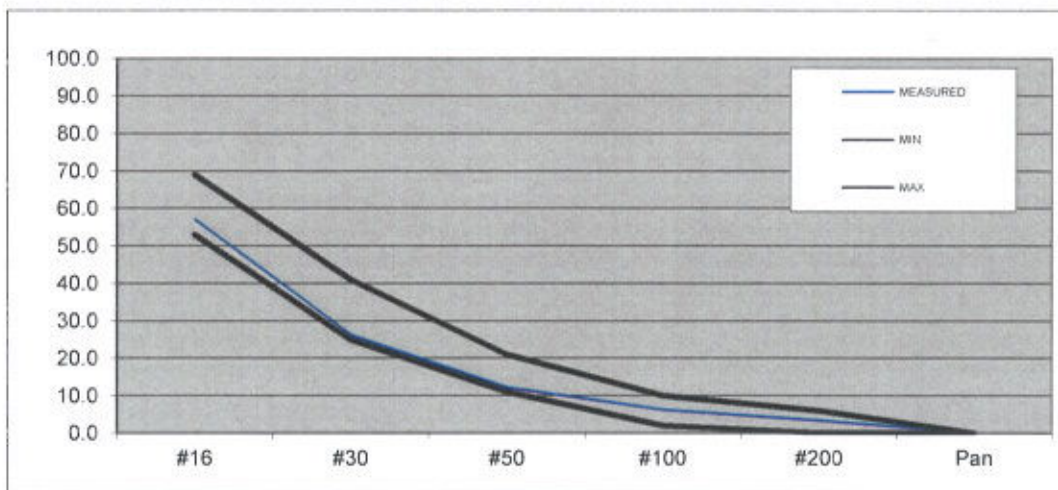
Ticket # Title 5

Sampler JJ

Date: 10/02/13

TIME: 10:43

Customer _____



Sieve	MEASURED	MEASURED	MEASURED	Target	
	WEIGHTS	C%R	C%P	MIN	MAX
#4	0.0	0.0	100.0	100.0	100.0
#8	26.0	4.6	95.4	96.0	90.0
#16	245.0	43.1	56.9	69.0	53.0
#30	420.0	73.8	26.2	41.0	25.0
#50	500.0	87.9	12.1	21.0	11.0
#100	534.0	93.8	6.2	10.0	2.0
#200	550.0	96.7	3.3	6.0	0.0
Pan	569.0	100.0	0.0	0.0	0.0

% MOISTURE **12.7**

Bucket Weigh **54**
Wet Weight **641**
Dry Weight **569**

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

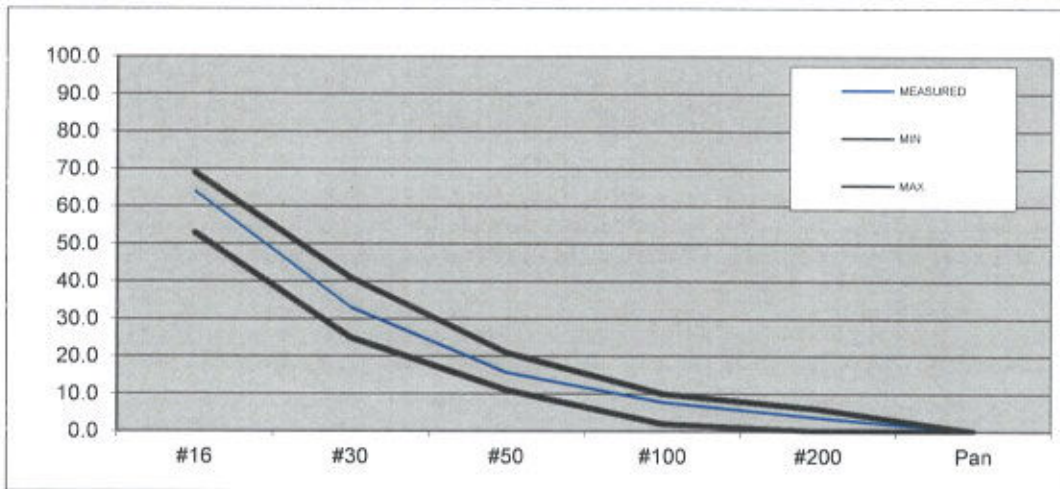
Ticket # Title 5

Sampler JJ

Date: 09/06/13

TIME: 1:52PM

Customer _____



Sieve	MEASURED	MEASURED	MEASURED	Target	
	WEIGHTS	C%R	C%P	MIN	MAX
#4	0.0	0.0	100.0	100.0	100.0
#8	22.0	4.1	95.9	96.0	90.0
#16	195.0	36.0	64.0	69.0	53.0
#30	362.0	66.9	33.1	41.0	25.0
#50	456.0	84.3	15.7	21.0	11.0
#100	499.0	92.2	7.8	10.0	2.0
#200	521.0	96.3	3.7	6.0	0.0
Pan	541.0	100.0	0.0	0.0	0.0

% MOISTURE **14.8**

Bucket Weigh **55.5**

Lab B/W

Wet Weight **621**

Dry Weight **541**



Frazier Park

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

ASTM Light Wiegth Analysis #1 Sand

Trinity Frazier Park

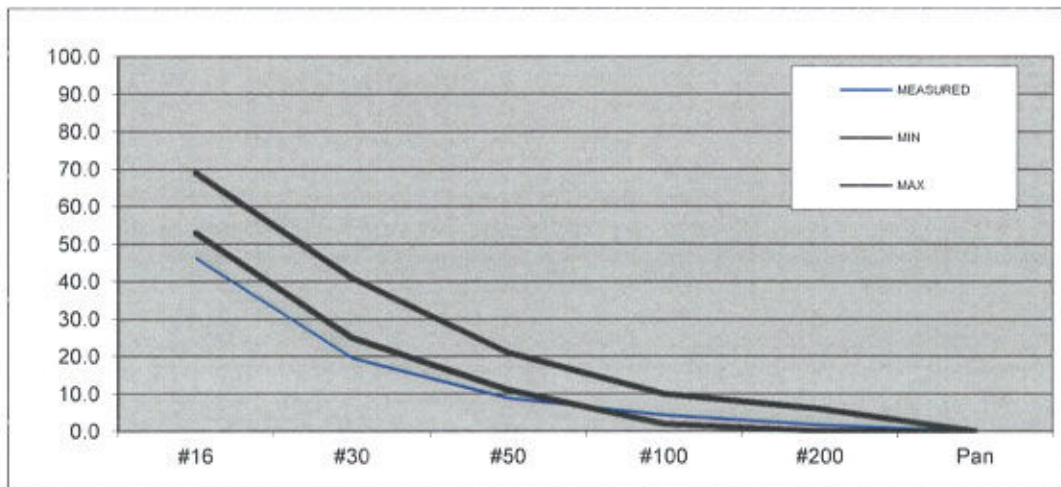
Ticket # Title 5

Sampler JJ

Date: 08/07/13

TIME: 12:12PM

Customer _____



Sieve	MEASURED	MEASURED	MEASURED	Target	
	WEIGHTS	C%R	C%P	MIN	MAX
#4	0.0	0.0	100.0	100.0	100.0
#8	30.0	5.4	94.6	96.0	90.0
#16	301.0	53.8	46.2	69.0	53.0
#30	450.0	80.5	19.5	41.0	25.0
#50	510.0	91.2	8.8	21.0	11.0
#100	535.0	95.7	4.3	10.0	2.0
#200	550.0	98.4	1.6	6.0	0.0
Pan	559.0	100.0	0.0	0.0	0.0

% MOISTURE **12.9**

Bucket Weigh **51.5**

Lab B/W

Wet Weight **631**

Dry Weight **559**



Frazier Park

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

ASTM Light Wiegth Analysis

#1 Sand

Trinity Frazier Park

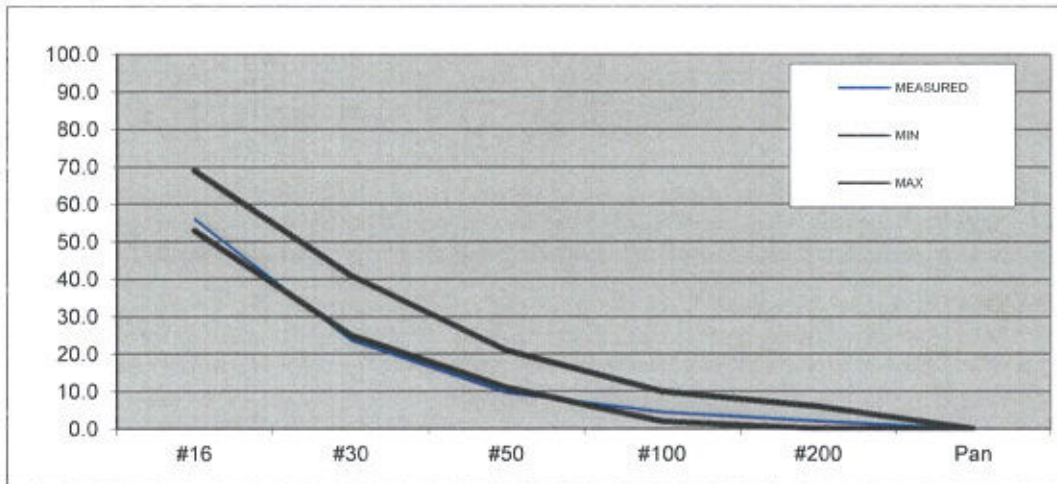
Ticket # Title 5

Sampler JJ

Date: 07/25/13

TIME: 1:54PM

Customer _____



Sieve	MEASURED	MEASURED	MEASURED	Target	
	WEIGHTS	C%R	C%P	MIN	MAX
#4	0.0	0.0	100.0	100.0	100.0
#8	31.0	5.3	94.7	96.0	90.0
#16	256.0	44.0	56.0	69.0	53.0
#30	444.0	76.3	23.7	41.0	25.0
#50	526.0	90.4	9.6	21.0	11.0
#100	556.0	95.5	4.5	10.0	2.0
#200	570.0	97.9	2.1	6.0	0.0
Pan	582.0	100.0	0.0	0.0	0.0

% MOISTURE **19.4**

Bucket Weigh **51.5**
Wet Weight **695**
Dry Weight **582**

Lab B/W



Frazier Park

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

ASTM Light Weight Analysis

#1 Sand Title 5

Trinity Frazier Park

Ticket # Title 5

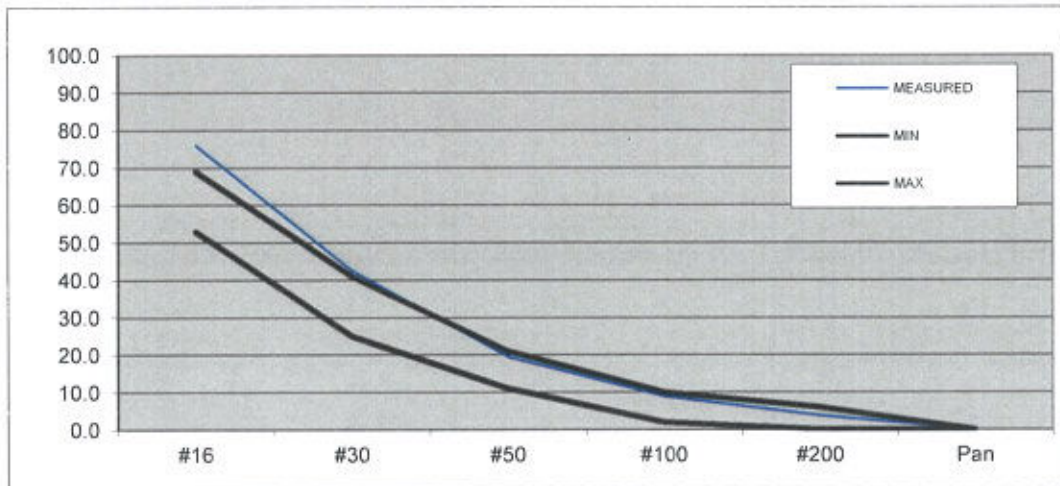
Sampler DD

Date: 06/13/13

TIME: _____

Customer Trinity ES&C

Manager Steve Fernandes



Sieve	MEASURED	MEASURED	MEASURED	Target	
	WEIGHTS	C%R	C%P	MIN	MAX
#4	0.0	0.0	100.0	100.0	100.0
#8	15.0	2.2	97.8	96.0	90.0
#16	165.0	24.1	75.9	69.0	53.0
#30	395.0	57.6	42.4	41.0	25.0
#50	553.0	80.6	19.4	21.0	11.0
#100	625.0	91.1	8.9	10.0	2.0
#200	660.0	96.2	3.8	6.0	0.0
Pan	686.0	100.0	0.0	0.0	0.0
		0.0	100.0		

% MOISTURE **20.1**

Bucket Weigh	56.5	Lab B/W	56.5	DD
Wet Weight	824			
Dry Weight	686			



Frazier Park

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

ASTM Light Weight Analysis

#1 Sand

Trinity Frazier Park

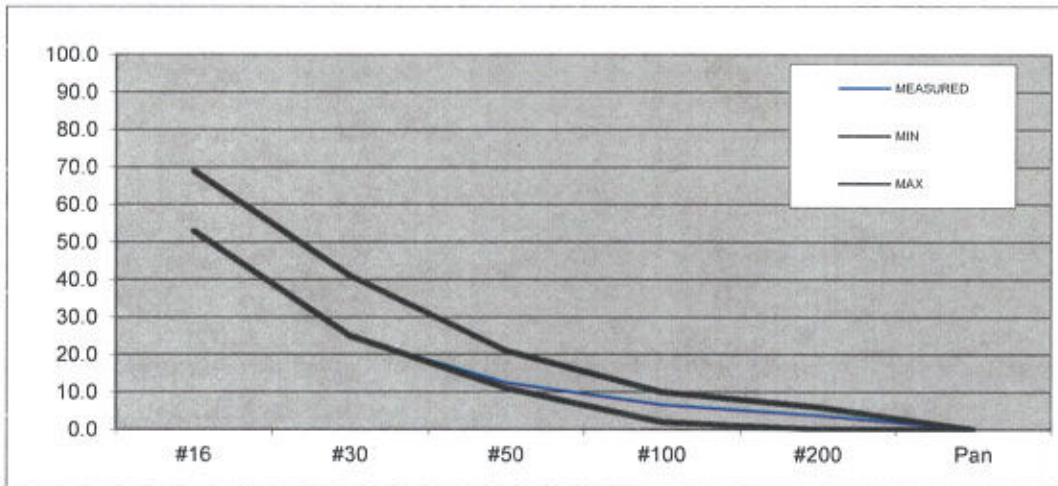
Ticket # Title 5

Sampler JJ

Date: 05/30/13

TIME: 9:23

Customer Trinity



Sieve	MEASURED	MEASURED	MEASURED	Target	
	WEIGHTS	C%R	C%P	MIN	MAX
#4	0.0	0.0	100.0	100.0	100.0
#8	37.0	5.8	94.2	96.0	90.0
#16	303.0	47.2	52.8	69.0	53.0
#30	484.0	75.4	24.6	41.0	25.0
#50	562.0	87.5	12.5	21.0	11.0
#100	600.0	93.5	6.5	10.0	2.0
#200	618.0	96.3	3.7	6.0	0.0
Pan	642.0	100.0	0.0	0.0	0.0

% MOISTURE **11.8**

Bucket Weigh	54	Lab B/W	54	JJ
Wet Weight	718			
Dry Weight	642			



Frazier Park

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

ASTM Light Wiegth Analysis #1 Sand Title 5

Trinity Frazier Park

Ticket # Title 5

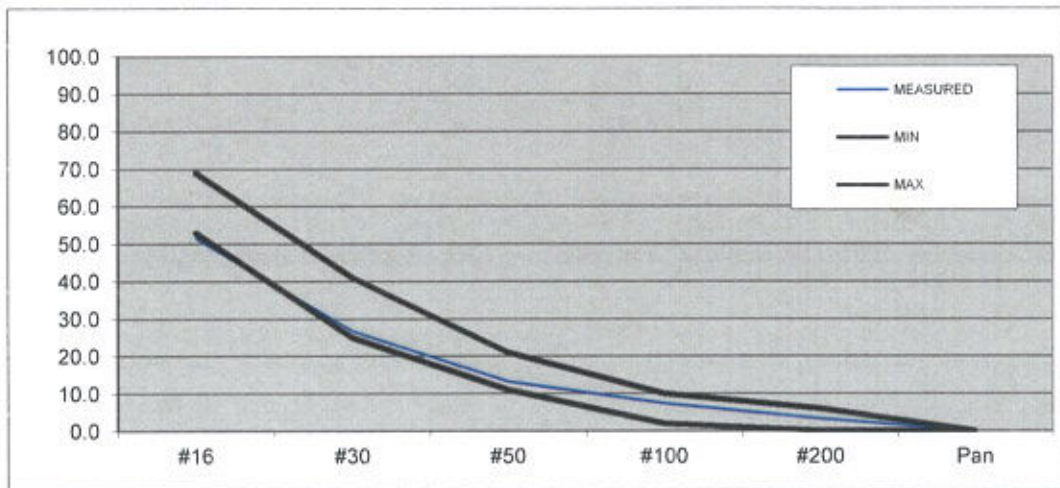
Sampler DD

Date: 04/27/13

TIME: _____

Customer Trinity ES&C

Manager Steve Fernandes



Sieve	MEASURED	MEASURED	MEASURED	Target	
	WEIGHTS	C%R	C%P	MIN	MAX
#4	0.0	0.0	100.0	100.0	100.0
#8	54.0	9.7	90.3	96.0	90.0
#16	271.0	48.5	51.5	69.0	53.0
#30	410.0	73.3	26.7	41.0	25.0
#50	485.0	86.8	13.2	21.0	11.0
#100	518.0	92.7	7.3	10.0	2.0
#200	541.0	96.8	3.2	6.0	0.0
Pan	559.0	100.0	0.0	0.0	0.0
		0.0	100.0		

% MOISTURE **19.5**

Bucket Weigh	55.5	Lab B/W	55.5	DD
Wet Weight	668			
Dry Weight	559			



Frazier Park

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

ASTM Light Wiegth Analysis

Trinity Frazier Park

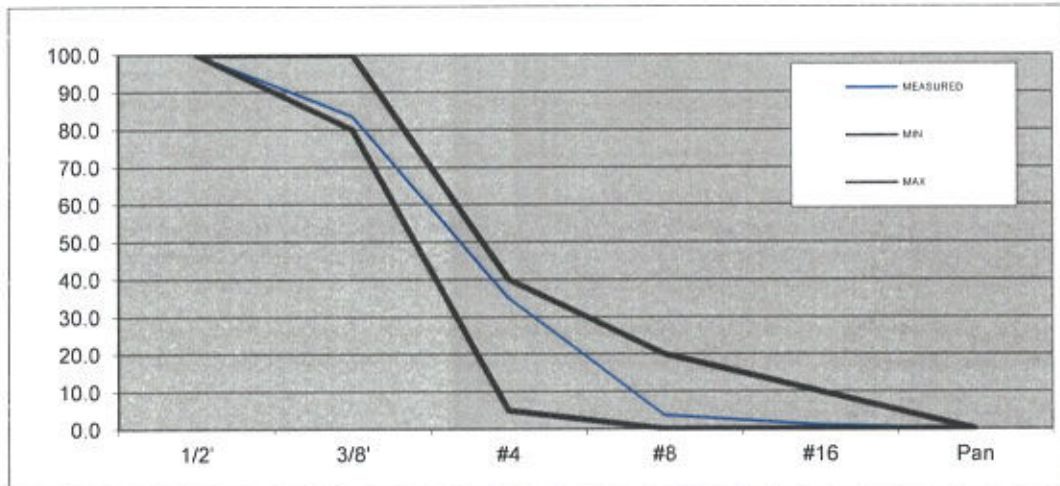
Ticket # Stacker

Sampler JJ

Date: 03/03/14

Time 10AM

Customer Trinity



Sieve	MEASURED	MEASURED	MEASURED	Target	
	WEIGHTS	C%R	C%P	MIN	MAX
1/2'	0.0	0.0	100.0	100.0	100.0
3/8'	98.0	16.4	83.6	80.0	100.0
#4	388.0	64.9	35.1	5.0	40.0
#8	576.0	96.3	3.7	0.0	20.0
#16	592.0	99.0	1.0	0.0	10.0
Pan	598.0	100.0	0.0	0.0	0.0

% MOISTURE **13.0**
Gross Wiegth **1678**

Tare Wiegth **1395** Sp. Gravity **1.72**

Bucket Weigh **48**
Wet Weight **676**
Dry Weight **598**

Lab B/W



Frazier Park

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ASTM Light Wiegth Analysis

Trinity Frazier Park

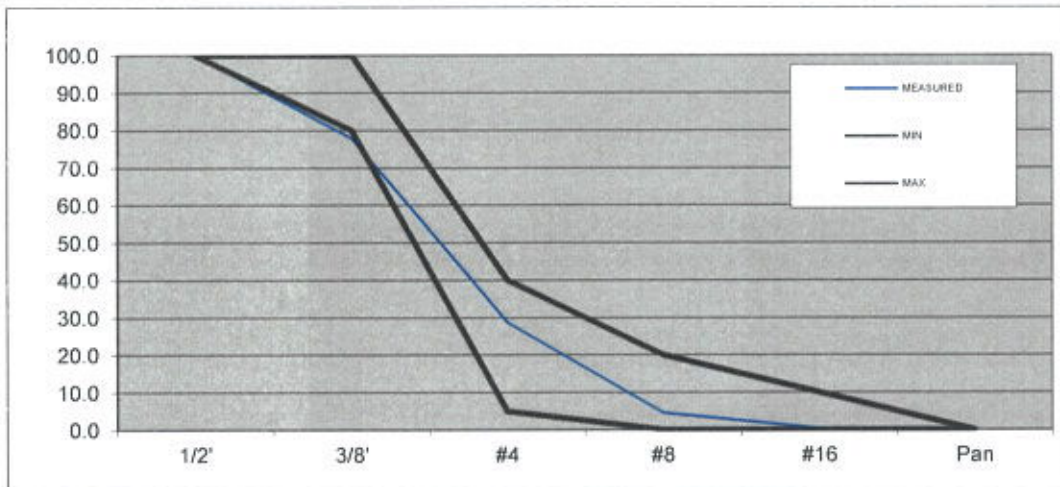
Ticket # Stacker

Sampler JJ

Date: 02/04/14

Time 12PM

Customer Trinity



Sieve	MEASURED	MEASURED	MEASURED	Target	
	WEIGHTS	C%R	C%P	MIN	MAX
1/2'	0.0	0.0	100.0	100.0	100.0
3/8'	139.0	22.1	77.9	80.0	100.0
#4	448.0	71.2	28.8	5.0	40.0
#8	600.0	95.4	4.6	0.0	20.0
#16	626.0	99.5	0.5	0.0	10.0
Pan	629.0	100.0	0.0	0.0	0.0

% MOISTURE	12.9	Tare Wiegth	1395	Sp. Gravity	1.68
Gross Wiegth	1683				
Bucket Weigh	55.5	Lab B/W			
Wet Weight	710				
Dry Weight	629				



Frazier Park

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ASTM Light Wiegth Analysis

Trinity Frazier Park

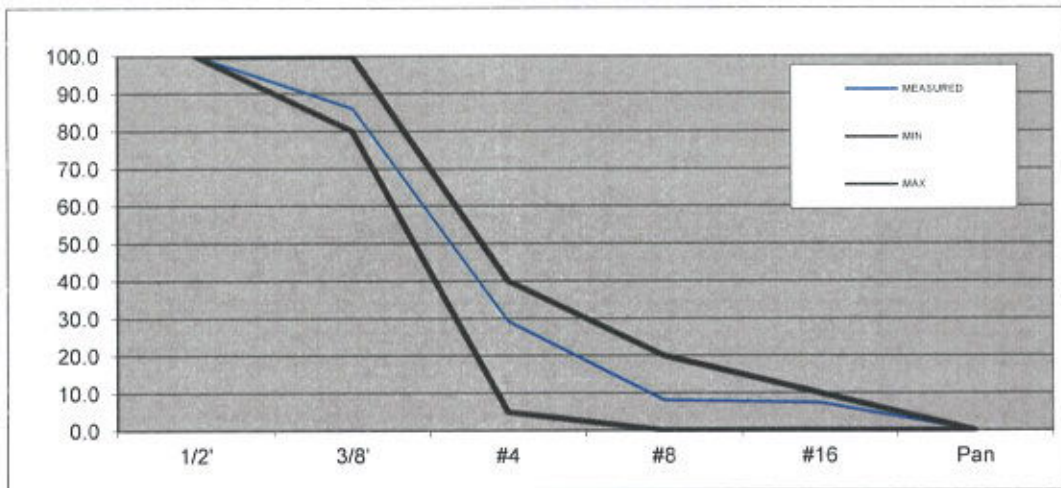
Ticket # Stacker

Sampler JJ

Date: 01/21/14

Time 8AM

Customer Trinity



Sieve	MEASURED	MEASURED	MEASURED	Target	
	WEIGHTS	C%R	C%P	MIN	MAX
1/2'	0.0	0.0	100.0	100.0	100.0
3/8'	79.0	13.9	86.1	80.0	100.0
#4	402.0	70.8	29.2	5.0	40.0
#8	522.0	91.9	8.1	0.0	20.0
#16	526.0	92.6	7.4	0.0	10.0
Pan	568.0	100.0	0.0	0.0	0.0

% MOISTURE **20.8**

Gross Weigh **1665**

Tare Weight

1395

Sp. Gravity

1.65

Bucket Weigh

49

Lab B/W

Wet Weight

686

Dry Weight

568



Frazier Park

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ASTM Light Weight Analysis

Trinity Frazier Park

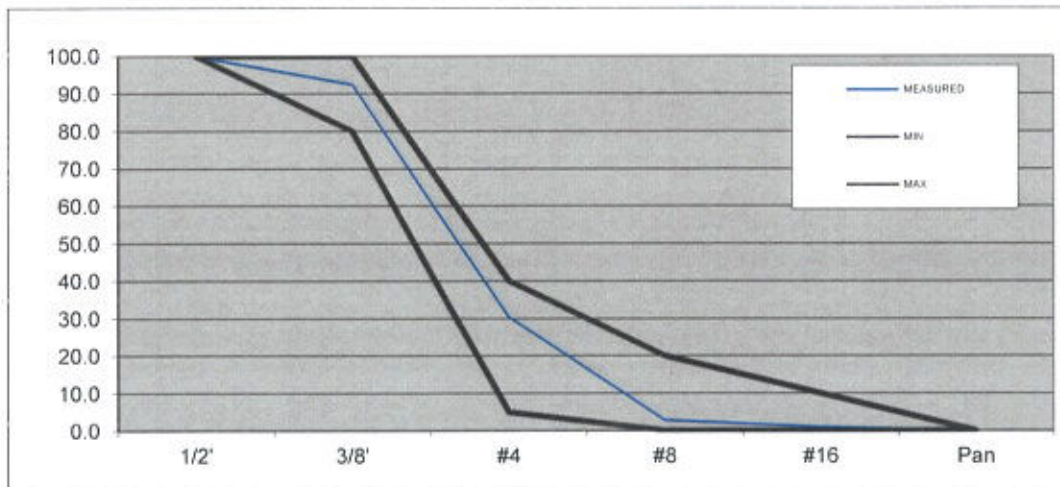
Ticket # Stacker

Sampler JJ

Date: 12/03/13

Time 8AM

Customer Trinity



Sieve	MEASURED	MEASURED	MEASURED	Target	
	WEIGHTS	C%R	C%P	MIN	MAX
1/2'	0.0	0.0	100.0	100.0	100.0
3/8'	44.0	7.5	92.5	80.0	100.0
#4	410.0	69.5	30.5	5.0	40.0
#8	573.0	97.1	2.9	0.0	20.0
#16	584.0	99.0	1.0	0.0	10.0
Pan	590.0	100.0	0.0	0.0	0.0

% MOISTURE **16.8**

Gross Weigh **1701**

Tare Weight **1395**

Sp. Gravity **1.80**

Bucket Weigh **53.5**

Lab B/W

Wet Weight **689**

Dry Weight **590**



Frazier Park

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ASTM Light Wiegth Analysis

Trinity Frazier Park

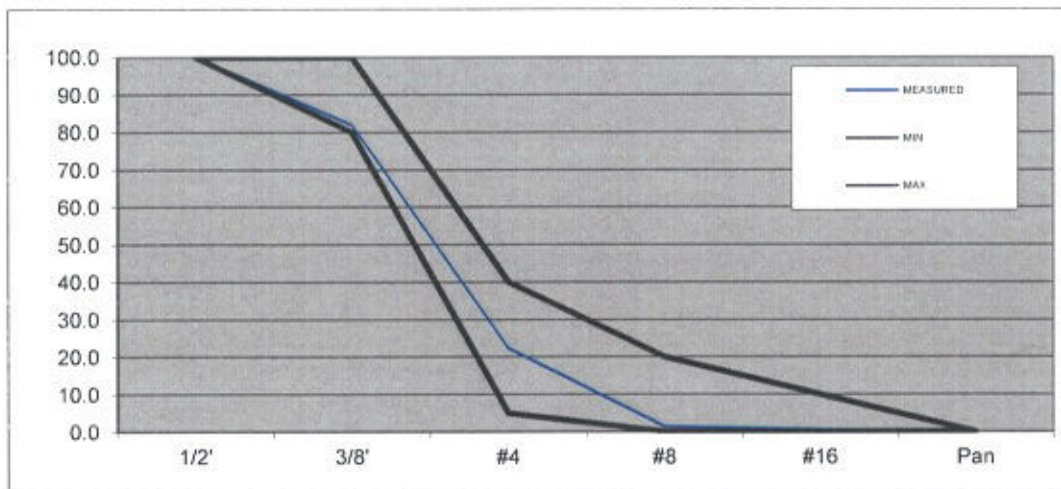
Ticket # Stacker

Sampler JJ

Date: 11/19/13

Time 12:00PM

Customer Trinity



Sieve	MEASURED	MEASURED	MEASURED	Target	
	WEIGHTS	C%R	C%P	MIN	MAX
1/2'	0.0	0.0	100.0	100.0	100.0
3/8'	102.0	18.1	81.9	80.0	100.0
#4	438.0	77.7	22.3	5.0	40.0
#8	556.0	98.6	1.4	0.0	20.0
#16	561.0	99.5	0.5	0.0	10.0
Pan	564.0	100.0	0.0	0.0	0.0

% MOISTURE	18.5	Tare Wiegth	1395	Sp. Gravity	1.65
Gross Wiegth	1651	Lab B/W			
Bucket Weigh	49.5				
Wet Weight	647				
Dry Weight	546				



Frazier Park

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ASTM Light Wieght Analysis

Trinity Frazier Park

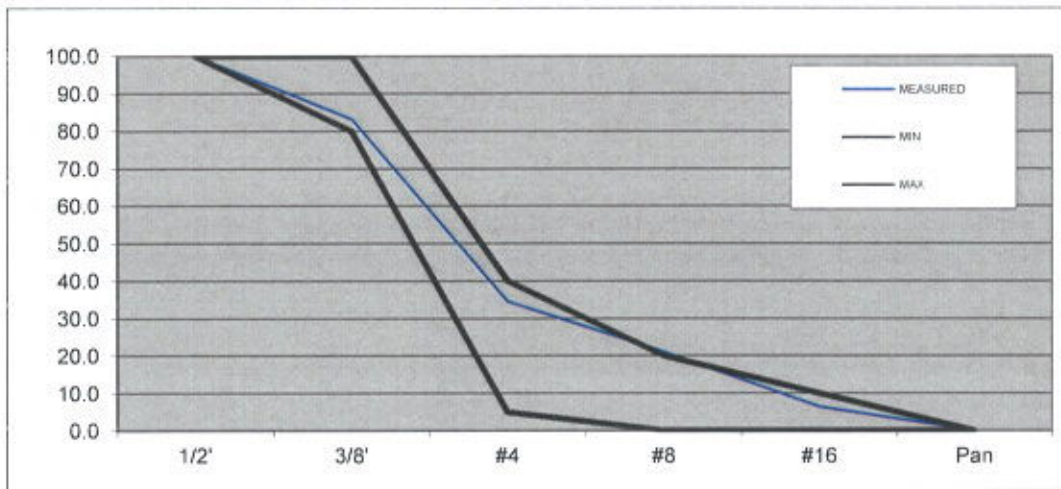
Ticket # **Stacker**

Sampler **JJ**

Date: **10/01/13**

Time **10AM**

Customer **Trinity**



Sieve	MEASURED	MEASURED	MEASURED	Target	
	WEIGHTS	C%R	C%P	MIN	MAX
1/2'	0.0	0.0	100.0	100.0	100.0
3/8'	90.0	16.8	83.2	80.0	100.0
#4	351.0	65.5	34.5	5.0	40.0
#8	423.0	78.9	21.1	0.0	20.0
#16	502.0	93.7	6.3	0.0	10.0
Pan	536.0	100.0	0.0	0.0	0.0

% MOISTURE **25.2**

Gross Wiegth **1689**

Tare Wiegth **1395**

Sp. Gravity **1.78**

Bucket Weigh **54**

Wet Weight **671**

Dry Weight **536**

Lab B/W



Frazier Park

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ASTM Light Wieght Analysis

Ticket # Stacker

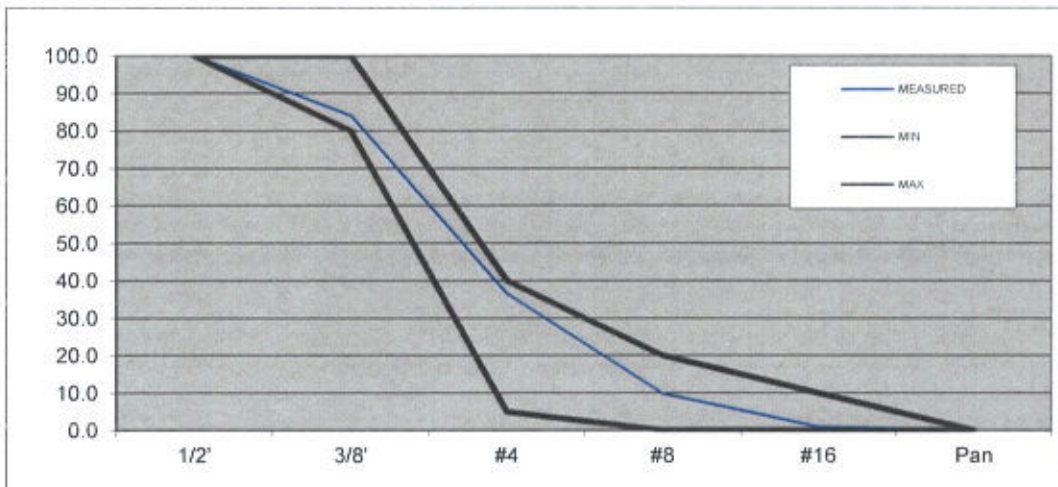
Date: 09/23/13

Customer Trinity

Trinity Frazier Park

Sampler JJ

Time 12PM



Sieve	MEASURED	MEASURED	MEASURED	Target	
	WEIGHTS	C%R	C%P	MIN	MAX
1/2'	0.0	0.0	100.0	100.0	100.0
3/8'	80.0	16.0	84.0	80.0	100.0
#4	318.0	63.5	36.5	5.0	40.0
#8	452.0	90.2	9.8	0.0	20.0
#16	496.0	99.0	1.0	0.0	10.0
Pan	501.0	100.0	0.0	0.0	0.0

% MOISTURE **24.8**

Gross Wiegth' **1621**

Bucket Weigh **56**

Wet Weight **625**

Dry Weight **501**

Tare Wiegth **1395**

Lab B/W

Sp. Gravity **1.57**



Frazier Park

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ASTM Light Wiegth Analysis

Trinity Frazier Park

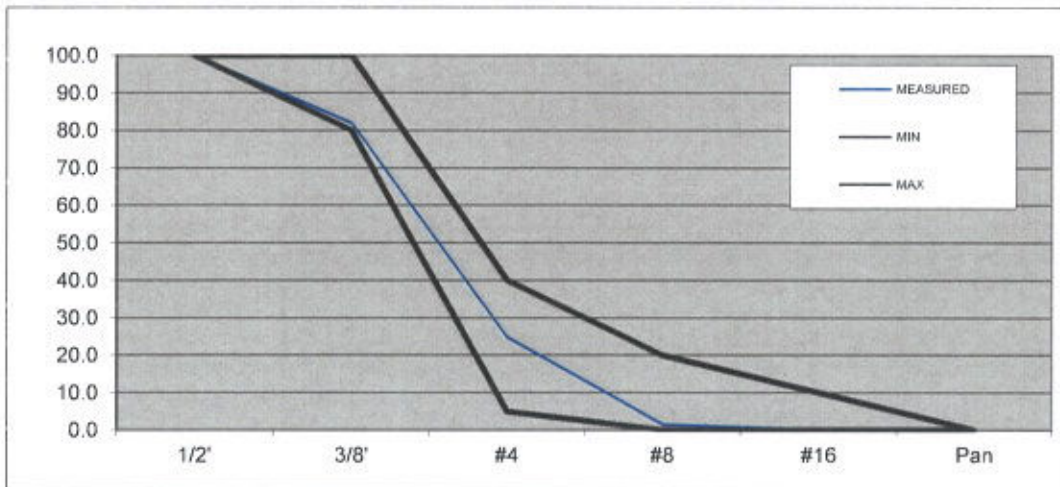
Ticket # Stacker

Sampler JJ

Date: 08/16/13

Time 8AM

Customer Trinity



Sieve	MEASURED	MEASURED	MEASURED	Target	
	WEIGHTS	C%R	C%P	MIN	MAX
1/2'	0.0	0.0	100.0	100.0	100.0
3/8'	86.0	18.1	81.9	80.0	100.0
#4	358.0	75.2	24.8	5.0	40.0
#8	469.0	98.5	1.5	0.0	20.0
#16	475.0	99.8	0.2	0.0	10.0
Pan	476.0	100.0	0.0	0.0	0.0

% MOISTURE **22.5**

Gross Wiegth **1624** Tare Wiegth **1395** Sp. Gravity **1.65**

Bucket Weigh **55** Lab B/W

Wet Weight **583**

Dry Weight **476**



Frazier Park

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ASTM Light Weight Analysis

Trinity Frazier Park

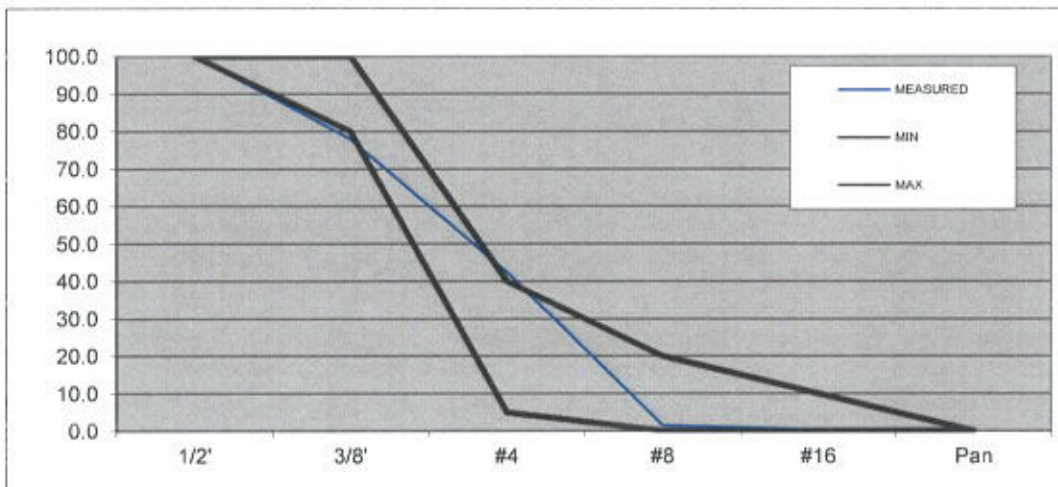
Ticket # Title 5

Sampler JJ

Date: 07/11/13

Time 8:00

Customer Trinity



Sieve	MEASURED	MEASURED	MEASURED	Target	
	WEIGHTS	C%R	C%P	MIN	MAX
1/2'	0.0	0.0	100.0	100.0	100.0
3/8'	124.0	22.1	77.9	80.0	100.0
#4	323.0	57.7	42.3	5.0	40.0
#8	552.0	98.6	1.4	0.0	20.0
#16	558.0	99.6	0.4	0.0	10.0
Pan	560.0	100.0	0.0	0.0	0.0

% MOISTURE **25.2**

Gross Weigh **1663**

Tare Weight **1395**

Sp. Gravity **1.62**

Bucket Weigh **53.5**

Wet Weight **701**

Dry Weight **560**

Lab B/W



Frazier Park

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

ASTM Light Weight Analysis of 3/8' Hydro

Trinity Frazier Park

Ticket # Stacker Sample

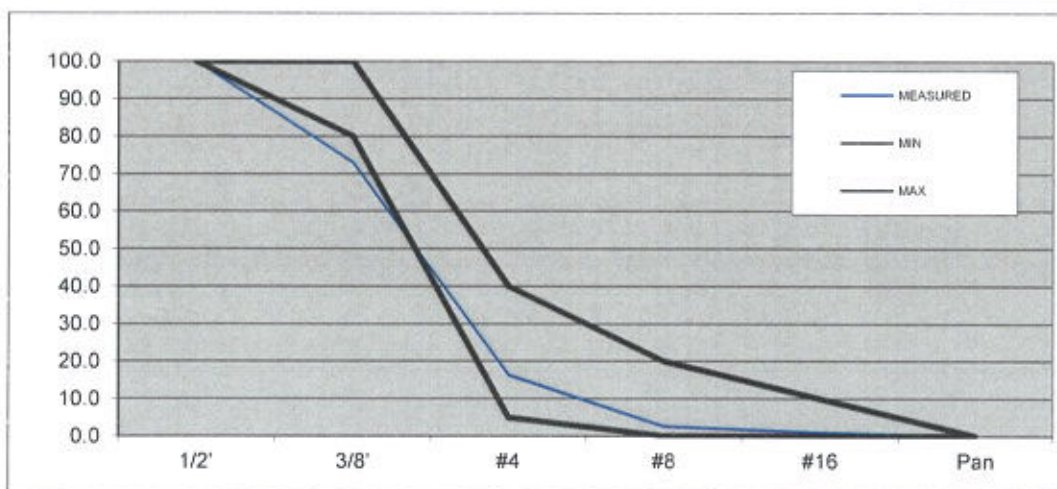
Sampler DD

Date: 06/15/13

Time: 2pm

Customer Trinity ES&C

Manager Steve Fernandes



Sieve	MEASURED	MEASURED	MEASURED	Target	
	WEIGHTS	C%R	C%P	MIN	MAX
1/2'	0.0	0.0	100.0	100.0	100.0
3/8'	169.0	27.0	73.0	80.0	100.0
#4	524.0	83.7	16.3	5.0	40.0
#8	610.0	97.4	2.6	0.0	20.0
#16	620.0	99.0	1.0	0.0	10.0
Pan	626.0	100.0	0.0	0.0	0.0

% MOISTURE	18.4	Tare Weight	1395	Sp. Gravity	1.80
Gross Weight	1725	Lab B/W	52		DD
Bucket Weight	52				
Wet Weight	741				
Dry Weight	626				



Frazier Park

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ASTM Light Wiegth Analysis of 3/8' Hydro

Trinity Frazier Park

Ticket # Stacker Sample

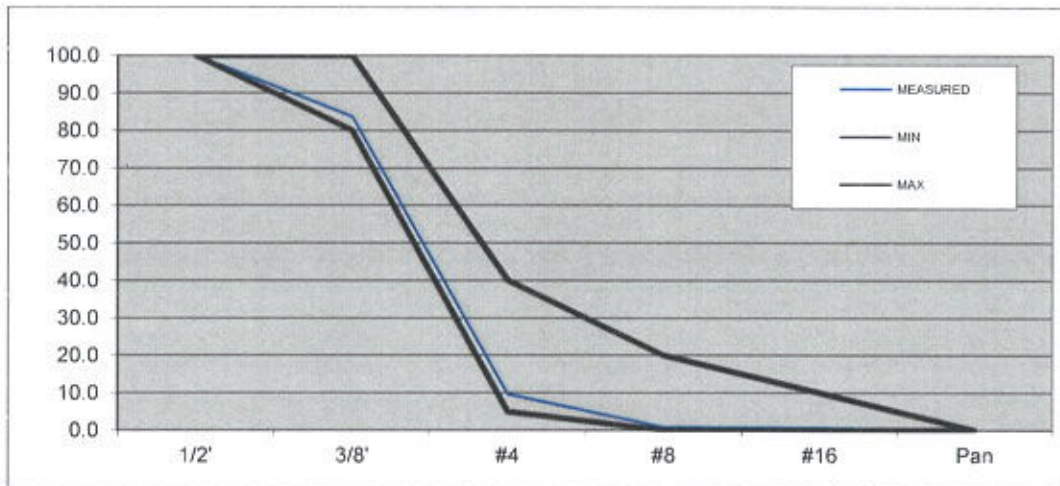
Sampler DD

Date: 05/28/13

Time: 8am

Customer Trinity ES&C

Manager Steve Fernandes



Sieve	MEASURED	MEASURED	MEASURED	Target	
	WEIGHTS	C%R	C%P	MIN	MAX
1/2'	0.0	0.0	100.0	100.0	100.0
3/8'	85.0	16.3	83.7	80.0	100.0
#4	470.0	90.4	9.6	5.0	40.0
#8	516.0	99.2	0.8	0.0	20.0
#16	517.0	99.4	0.6	0.0	10.0
Pan	520.0	100.0	0.0	0.0	0.0

% MOISTURE	20.4	Tare Wiegth	1395	Sp. Gravity	1.60
Gross Wiegth	1630	Lab B/W	52		DD
Bucket Weigh	52				
Wet Weight	626				
Dry Weight	520				



Frazier Park

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

ASTM Light Weight Analysis of 3/8' Hydro

Trinity Frazier Park

Ticket # Stacker Sample

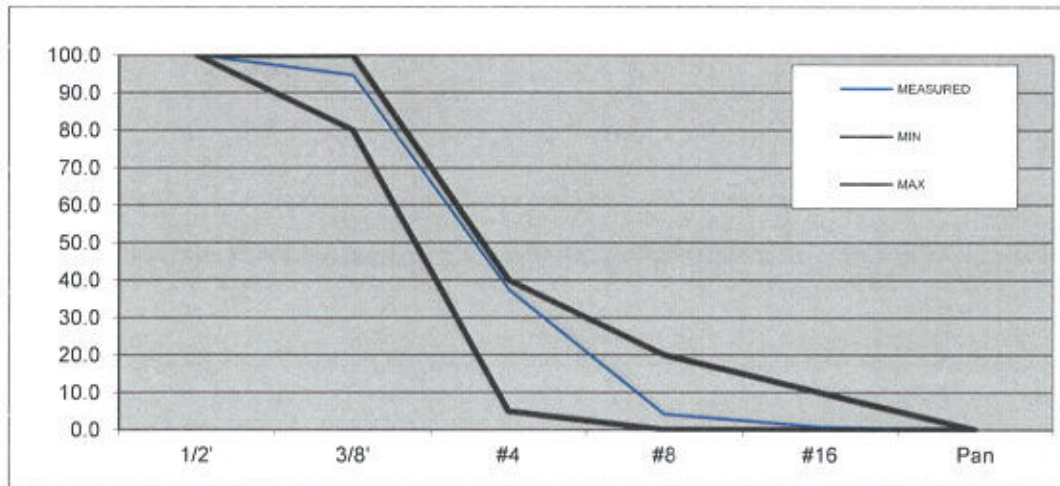
Sampler DD

Date: 04/22/13

Time: 8am

Customer Trinity ES&C

Manager Steve Fernandes



Sieve	MEASURED	MEASURED	MEASURED	Target	
	WEIGHTS	C%R	C%P	MIN	MAX
1/2'	0.0	0.0	100.0	100.0	100.0
3/8'	28.0	5.3	94.7	80.0	100.0
#4	330.0	62.5	37.5	5.0	40.0
#8	506.0	95.8	4.2	0.0	20.0
#16	524.0	99.2	0.8	0.0	10.0
Pan	528.0	100.0	0.0	0.0	0.0

% MOISTURE	27.7	Tare Weight	1395	Sp. Gravity	1.66
Gross Weigh'	1662	Lab B/W	52.5		DD
Bucket Weigh	52.5				
Wet Weight	674				
Dry Weight	528				



Frazier Park

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

ASTM Light Wiegth Analysis Title 5

Trinity Frazier Park

Ticket # Raw Clay

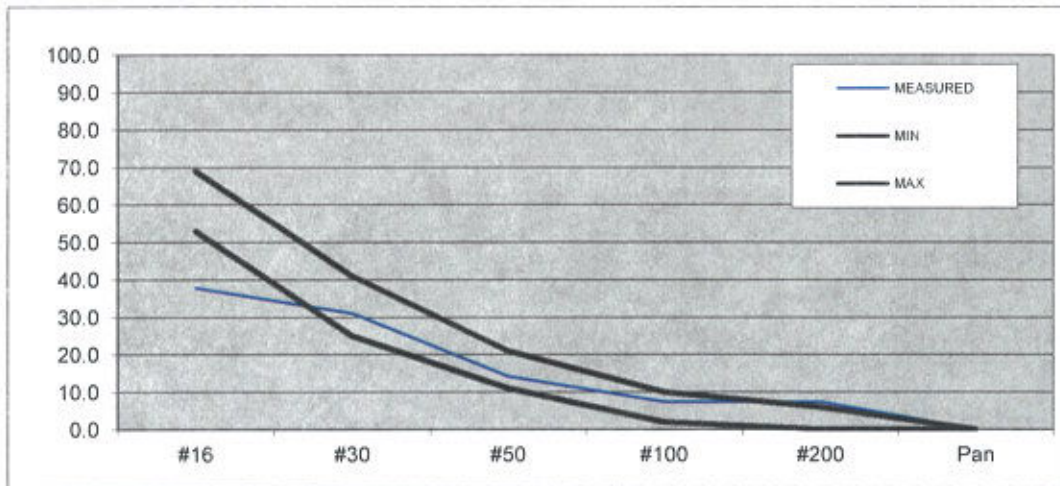
Sampler JJ

Date: 03/17/14

TIME: _____

Customer Trinity ES&C

Manager Steve Fernandes



Sieve	MEASURED	MEASURED	MEASURED	Target	
	WEIGHTS	C%R	C%P	MIN	MAX
#4	26.0	6.1	93.9	100.0	100.0
#8	155.0	36.6	63.4	96.0	90.0
#16	263.0	62.2	37.8	69.0	53.0
#30	292.0	69.0	31.0	41.0	25.0
#50	363.0	85.8	14.2	21.0	11.0
#100	392.0	92.7	7.3	10.0	2.0
#200	392.0	92.7	7.3	6.0	0.0
Pan	423.0	100.0	0.0	0.0	0.0

Sample Locations

- 1 18.20%
- 2 16.10%
- 3 14.90%
- 4 24.50%

% MOISTURE **18.2**

Bucket Weigh **68**
 Wet Weight **500**
 Dry Weight **423**

Lab B/W **68 JJ**



Frazier Park

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

ASTM Light Wiegth Analysis Title 5

Trinity Frazier Park

Ticket # Raw Clay

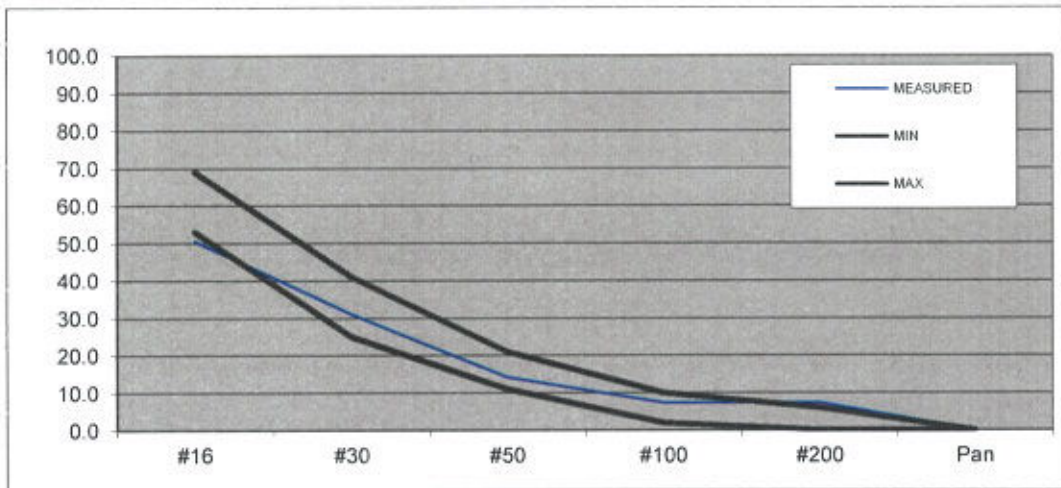
Sampler DD

Date: 02/21/14

TIME: 1:30PM

Customer Trinity ES&C

Manager Steve Fernandes



Sieve	MEASURED	MEASURED	MEASURED	Target	
	WEIGHTS	C%R	C%P	MIN	MAX
#4	26.0	6.1	93.9	100.0	100.0
#8	155.0	36.6	63.4	96.0	90.0
#16	209.0	49.4	50.6	69.0	53.0
#30	292.0	69.0	31.0	41.0	25.0
#50	363.0	85.8	14.2	21.0	11.0
#100	392.0	92.7	7.3	10.0	2.0
#200	392.0	92.7	7.3	6.0	0.0
Pan	423.0	100.0	0.0	0.0	0.0

Sample Locations

- 1 18.20%
- 2 16.10%
- 3 14.90%
- 4 24.50%

% MOISTURE **18.2**

Bucket Weigh **68**
 Wet Weight **500**
 Dry Weight **423**

Lab B/W **68** **JJ**



Frazier Park

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

ASTM Light Weight Analysis Title 5

Trinity Frazier Park

Ticket # Raw Clay

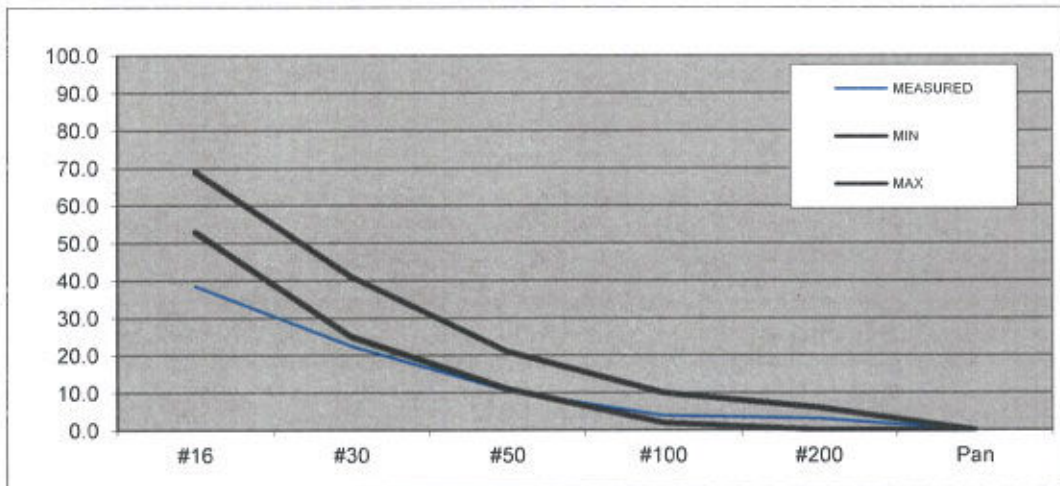
Sampler JJ

Date: 01/22/14

TIME: 1:30PM

Customer Trinity ES&C

Manager Steve Fernandes



Sieve	MEASURED	MEASURED	MEASURED	Target	
	WEIGHTS	C%R	C%P	MIN	MAX
#4	47.0	7.0	93.0	100.0	100.0
#8	279.0	41.3	58.7	96.0	90.0
#16	416.0	61.5	38.5	69.0	53.0
#30	524.0	77.5	22.5	41.0	25.0
#50	605.0	89.5	10.5	21.0	11.0
#100	650.0	96.2	3.8	10.0	2.0
#200	655.0	96.9	3.1	6.0	0.0
Pan	676.0	100.0	0.0	0.0	0.0

Sample Locations

- 1 19.10%
- 2 18.00%
- 3 19.40%
- 4 28.40%

% MOISTURE 19.1

Bucket Weigh 70.5
Wet Weight 805
Dry Weight 676

Lab B/W 70.5 JJ



Frazier Park

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

ASTM Light Weight Analysis Title 5

Trinity Frazier Park

Ticket # Raw Clay

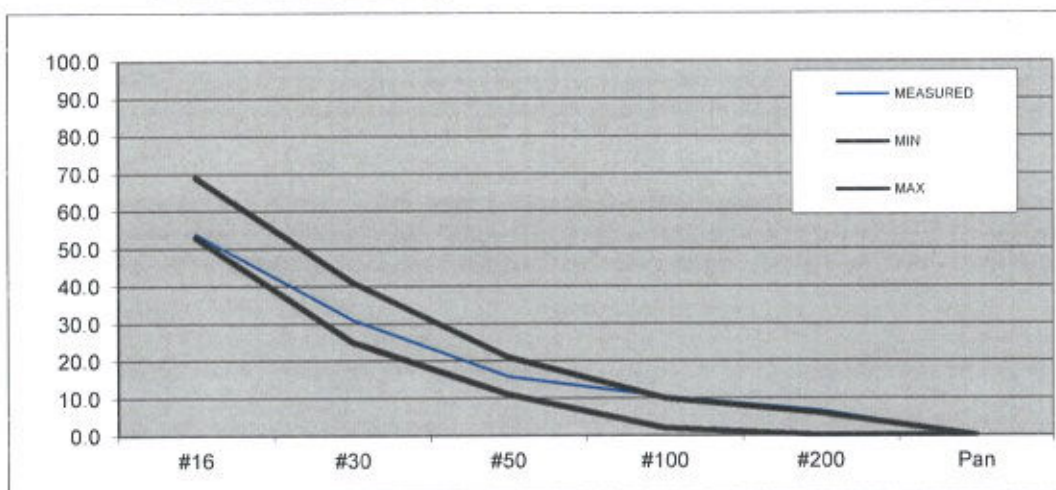
Sampler JJ

Date: 12/10/13

TIME: 11:00

Customer Trinity ES&C

Manager Steve Fernandes



Sieve	MEASURED	MEASURED	MEASURED	Target	
	WEIGHTS	C%R	C%P	MIN	MAX
#4	0.0	0.0	100.0	100.0	100.0
#8	80.0	18.9	81.1	96.0	90.0
#16	195.0	46.1	53.9	69.0	53.0
#30	292.0	69.0	31.0	41.0	25.0
#50	356.0	84.2	15.8	21.0	11.0
#100	379.0	89.6	10.4	10.0	2.0
#200	395.0	93.4	6.6	6.0	0.0
Pan	423.0	100.0	0.0	0.0	0.0

Sample Locations

- 1 18.20%
- 2 16.10%
- 3 14.90%
- 4 24.50%

% MOISTURE 18.4

Bucket Weigh 68
 Wet Weight 501
 Dry Weight 423

Lab B/W 68 JJ



Frazier Park

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

ASTM Light Weight Analysis Title 5

Trinity Frazier Park

Ticket # Raw Clay

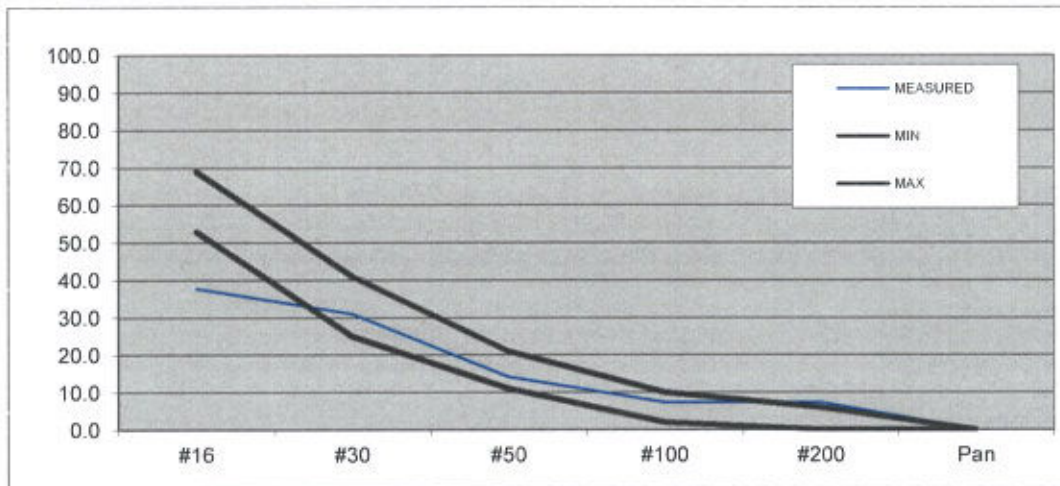
Sampler JJ

Date: 11/05/13

TIME: _____

Customer Trinity ES&C

Manager Steve Fernandes



Sieve	MEASURED	MEASURED	MEASURED	Target	
	WEIGHTS	C%R	C%P	MIN	MAX
#4	26.0	6.1	93.9	100.0	100.0
#8	155.0	36.6	63.4	96.0	90.0
#16	263.0	62.2	37.8	69.0	53.0
#30	292.0	69.0	31.0	41.0	25.0
#50	363.0	85.8	14.2	21.0	11.0
#100	392.0	92.7	7.3	10.0	2.0
#200	392.0	92.7	7.3	6.0	0.0
Pan	423.0	100.0	0.0	0.0	0.0

Sample Locations

- 1 18.20%
- 2 16.10%
- 3 14.90%
- 4 24.50%

% MOISTURE **18.2**

Bucket Weigh **68**
 Wet Weight **500**
 Dry Weight **423**

Lab B/W **68 JJ**



Frazier Park

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

ASTM Light Weight Analysis Title 5

Trinity Frazier Park

Ticket # Raw Clay

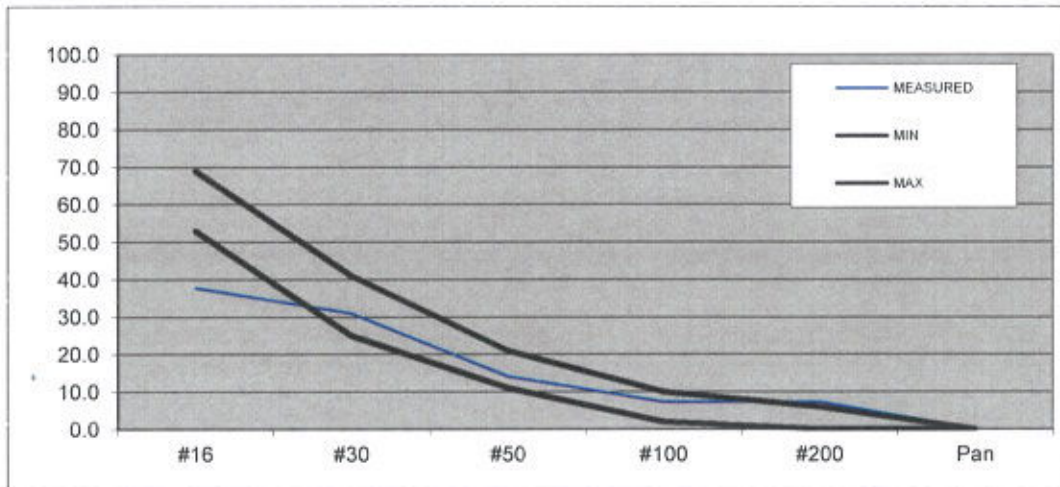
Sampler JJ

Date: 10/11/13

TIME: 10:45

Customer Trinity ES&C

Manager Steve Fernandes



Sieve	MEASURED	MEASURED	MEASURED	Target	
	WEIGHTS	C%R	C%P	MIN	MAX
#4	26.0	6.1	93.9	100.0	100.0
#8	155.0	36.6	63.4	96.0	90.0
#16	263.0	62.2	37.8	69.0	53.0
#30	292.0	69.0	31.0	41.0	25.0
#50	363.0	85.8	14.2	21.0	11.0
#100	392.0	92.7	7.3	10.0	2.0
#200	392.0	92.7	7.3	6.0	0.0
Pan	423.0	100.0	0.0	0.0	0.0

Sample Locations

- 1 18.20%
- 2 16.10%
- 3 14.90%
- 4 24.50%

% MOISTURE **18.2**

Bucket Weigh **68**
 Wet Weight **500**
 Dry Weight **423**

Lab B/W **68** **JJ**



Frazier Park

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

ASTM Light Weight Analysis Title 5

Trinity Frazier Park

Ticket # Raw Clay

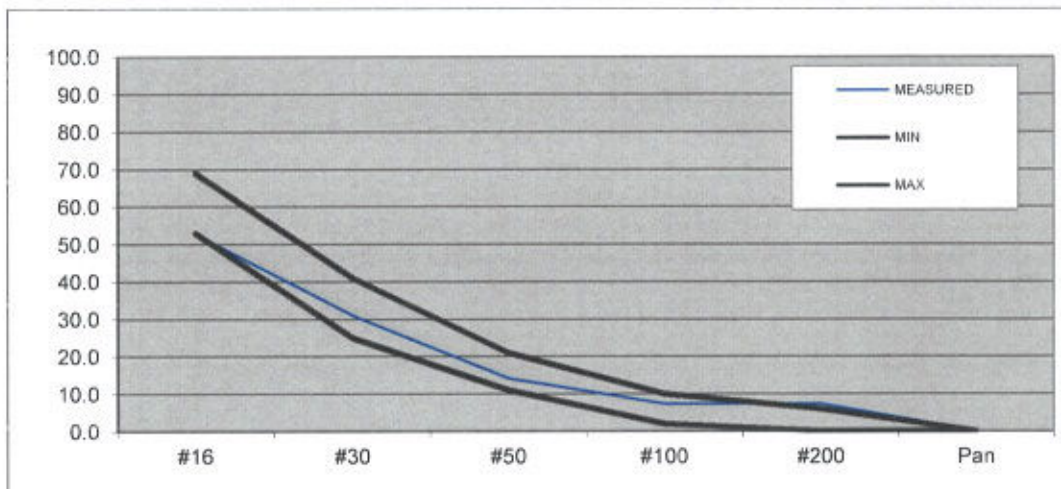
Sampler JJ

Date: 09/30/13

TIME: 1PM

Customer Trinity ES&C

Manager Steve Fernandes



Sieve	MEASURED	MEASURED	MEASURED	Target	
	WEIGHTS	C%R	C%P	MIN	MAX
#4	33.0	7.8	92.2	100.0	100.0
#8	166.0	39.2	60.8	96.0	90.0
#16	200.0	47.3	52.7	69.0	53.0
#30	292.0	69.0	31.0	41.0	25.0
#50	363.0	85.8	14.2	21.0	11.0
#100	392.0	92.7	7.3	10.0	2.0
#200	392.0	92.7	7.3	6.0	0.0
Pan	423.0	100.0	0.0	0.0	0.0

Sample Locations

- 1 18.20%
- 2 16.10%
- 3 14.90%
- 4 24.50%

% MOISTURE 18.2

Bucket Weigh 68
Wet Weight 500
Dry Weight 423

Lab B/W 68 JJ



Frazier Park

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

ASTM Light Weight Analysis Title 5

Trinity Frazier Park

Ticket # Raw Clay

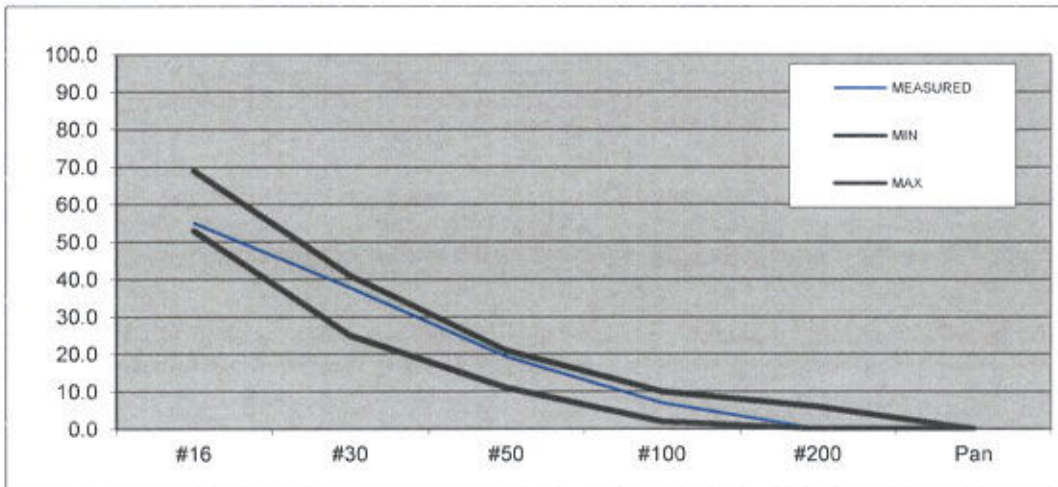
Sampler JJ

Date: 08/28/13

TIME: _____

Customer Trinity ES&C

Manager Steve Fernandes



Sieve	MEASURED	MEASURED	MEASURED	Target	
	WEIGHTS	C%R	C%P	MIN	MAX
#4	48.0	7.8	92.2	100.0	100.0
#8	112.0	18.1	81.9	96.0	90.0
#16	278.0	45.0	55.0	69.0	53.0
#30	385.0	62.3	37.7	41.0	25.0
#50	499.0	80.7	19.3	21.0	11.0
#100	575.0	93.0	7.0	10.0	2.0
#200	618.0	100.0	0.0	6.0	0.0
Pan	618.0	100.0	0.0	0.0	0.0

Sample Locations

- 1 17.20%
- 2 20.00%
- 3 19.50%
- 4 19.00%

% MOISTURE 17.2

Bucket Weigh 80
Wet Weight 724
Dry Weight 618

Lab B/W 80 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

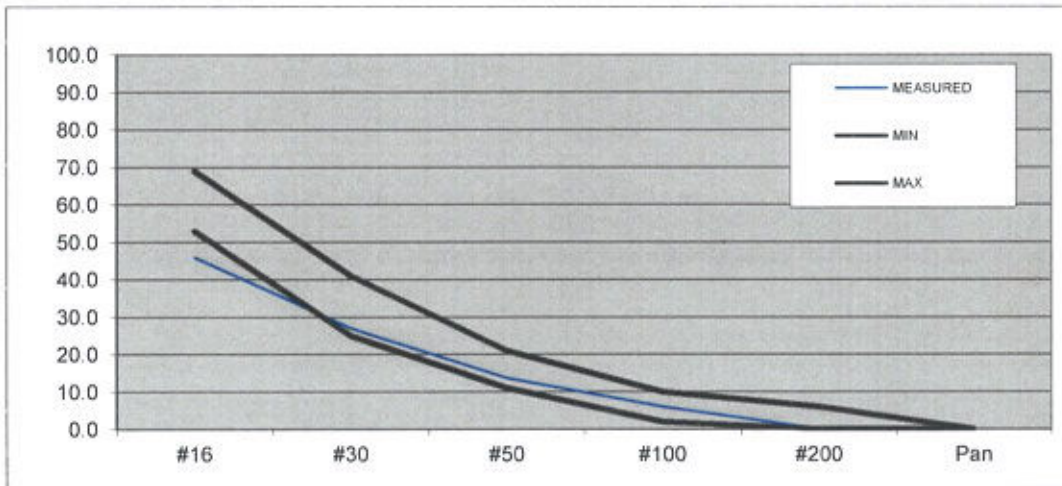
Sampler JJ

Date: 07/26/13

TIME: _____

Customer Trinity ES&C

Manager Steve Fernandes



Sieve	MEASURED	MEASURED	MEASURED	Target	
	WEIGHTS	C%R	C%P	MIN	MAX
#4	48.0	7.1	92.9	100.0	100.0
#8	227.0	33.7	66.3	96.0	90.0
#16	364.0	54.1	45.9	69.0	53.0
#30	492.0	73.1	26.9	41.0	25.0
#50	581.0	86.3	13.7	21.0	11.0
#100	633.0	94.1	5.9	10.0	2.0
#200	673.0	100.0	0.0	6.0	0.0
Pan	673.0	100.0	0.0	0.0	0.0

Sample Locations

- 1 16.60%
- 2 16.50%
- 3 15.90%
- 4 28.00%

% MOISTURE **16.6**

Bucket Weigh **72**
 Wet Weight **785**
 Dry Weight **673**

Lab B/W **68** **DD**



Frazier Park

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

ASTM Light Weight Analysis Title 5

Trinity Frazier Park

Ticket # Raw Clay

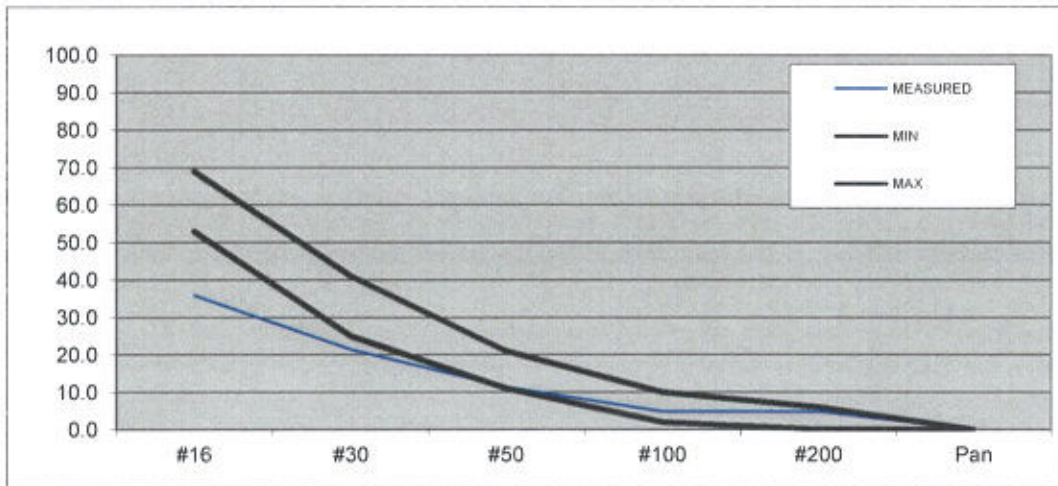
Sampler DD

Date: 06/15/13

TIME: _____

Customer Trinity ES&C

Manager Steve Fernandes



Sieve	MEASURED	MEASURED	MEASURED	Target	
	WEIGHTS	C%R	C%P	MIN	MAX
#4	16.0	1.9	98.1	100.0	100.0
#8	333.0	39.6	60.4	96.0	90.0
#16	539.0	64.2	35.8	69.0	53.0
#30	660.0	78.6	21.4	41.0	25.0
#50	745.0	88.7	11.3	21.0	11.0
#100	800.0	95.2	4.8	10.0	2.0
#200	800.0	95.2	4.8	6.0	0.0
Pan	840.0	100.0	0.0	0.0	0.0

Sample Locations

- 1 17.40%
- 2 17.20%
- 3 16.00%
- 4 23.70%

% MOISTURE 17.4

Bucket Weigh 68
 Wet Weight 986
 Dry Weight 840

Lab B/W 68 DD



Frazier Park

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

ASTM Light Wiegth Analysis Title 5

Trinity Frazier Park

Ticket # Raw Clay

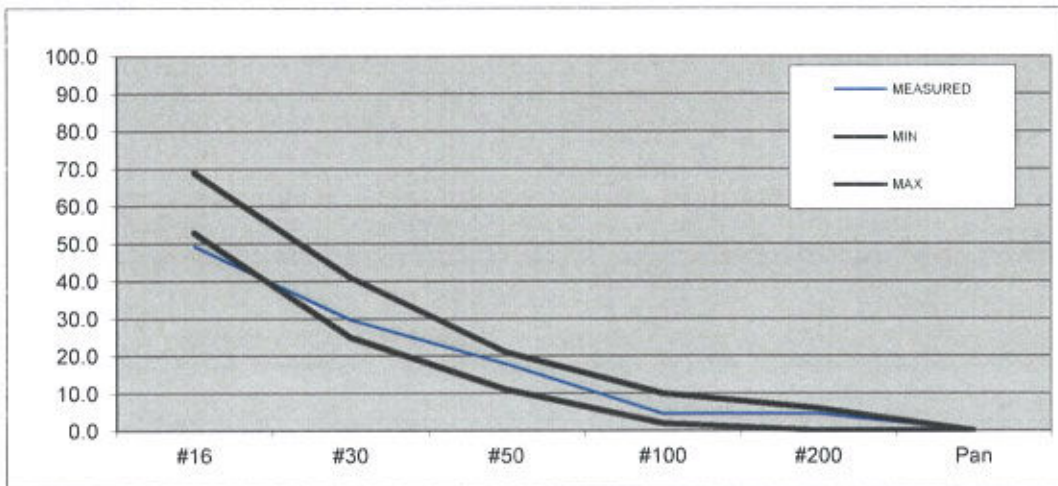
Sampler DD

Date: 05/06/13

TIME: _____

Customer Trinity ES&C

Manager Steve Fernandes



Sieve	MEASURED	MEASURED	MEASURED	Target	
	WEIGHTS	C%R	C%P	MIN	MAX
#4	13.0	2.2	97.8	100.0	100.0
#8	167.0	28.3	71.7	96.0	90.0
#16	299.0	50.7	49.3	69.0	53.0
#30	415.0	70.3	29.7	41.0	25.0
#50	485.0	82.2	17.8	21.0	11.0
#100	563.0	95.4	4.6	10.0	2.0
#200	563.0	95.4	4.6	6.0	0.0
Pan	590.0	100.0	0.0	0.0	0.0

Sample Locations

- 1 14.10%
- 2 14.70%
- 3 13.50%
- 4 24.50%

% MOISTURE 14.1

Bucket Weigh 68
 Wet Weight 673
 Dry Weight 590

Lab B/W 68 DD



Frazier Park

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

ASTM Light Weight Analysis Title 5

Trinity Frazier Park

Ticket # Raw Clay

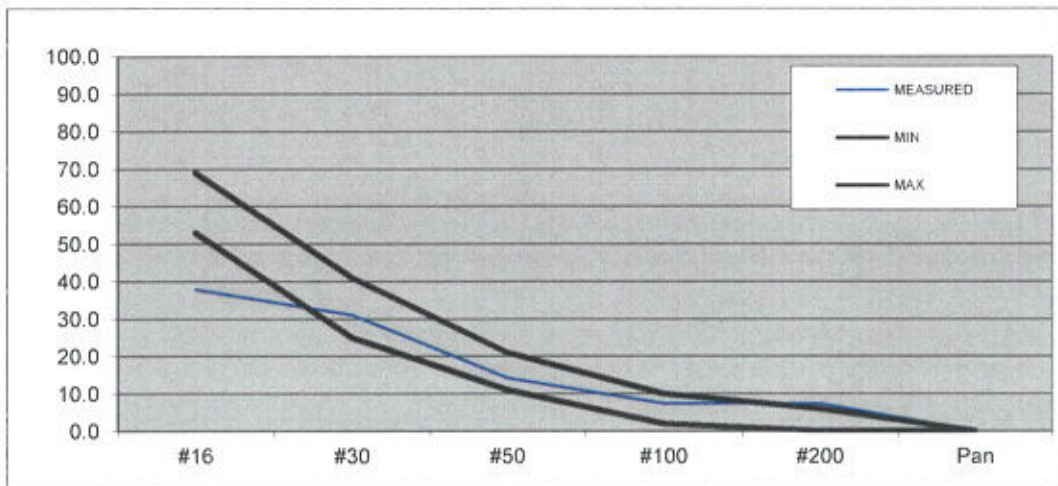
Sampler DD

Date: 04/25/13

TIME: _____

Customer Trinity ES&C

Manager Steve Fernandes



Sieve	MEASURED	MEASURED	MEASURED	Target	
	WEIGHTS	C%R	C%P	MIN	MAX
#4	26.0	6.1	93.9	100.0	100.0
#8	155.0	36.6	63.4	96.0	90.0
#16	263.0	62.2	37.8	69.0	53.0
#30	292.0	69.0	31.0	41.0	25.0
#50	363.0	85.8	14.2	21.0	11.0
#100	392.0	92.7	7.3	10.0	2.0
#200	392.0	92.7	7.3	6.0	0.0
Pan	423.0	100.0	0.0	0.0	0.0

Sample Locations

- 1 18.20%
- 2 16.10%
- 3 14.90%
- 4 24.50%

% MOISTURE 18.2

Bucket Weigh 68
 Wet Weight 500
 Dry Weight 423

Lab B/W 68 DD



Frazier Park

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

ASTM Light Wiegth Analysis

Trinity Frazier Park

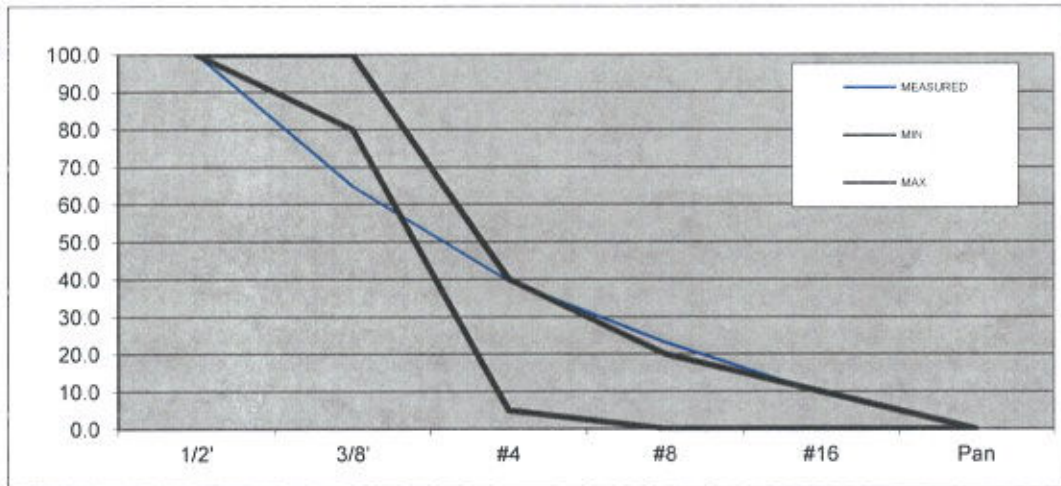
Ticket # Feed going In Power screen

Sampler JJ

Date: 04/29/14

Time 1PM

Customer Trinity



Sieve	MEASURED	MEASURED	MEASURED	Target	
	WEIGHTS	C%R	C%P	MIN	MAX
1/2'	0.0	0.0	100.0	100.0	100.0
3/8'	208.0	35.3	64.7	80.0	100.0
#4	356.0	60.4	39.6	5.0	40.0
#8	453.0	76.9	23.1	0.0	20.0
#16	533.0	90.5	9.5	0.0	10.0
Pan	589.0	100.0	0.0	0.0	0.0

% MOISTURE	24.1				
Gross Weigh'	1693	Tare Wiegth	1395	Sp. Gravity	1.69
Bucket Weigh	57.5	Lab B/W	55	HS	
Wet Weight	731				
Dry Weight	589				



Frazier Park

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

ASTM Light Weight Analysis

Trinity Frazier Park

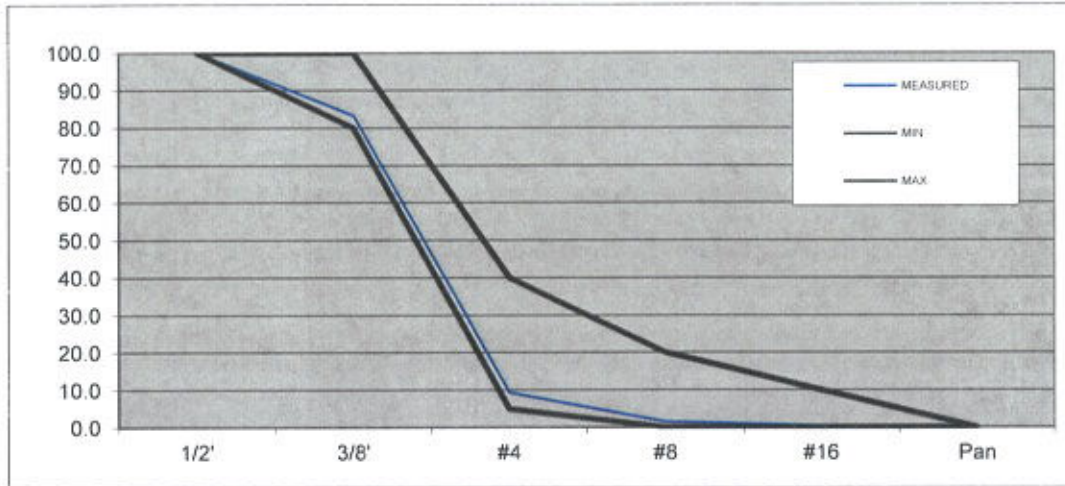
Ticket # 3/8 out of Power screen

Sampler JJ

Date: 04/29/14

Time 1PM

Customer Trinity



Sieve	MEASURED	MEASURED	MEASURED	Target	
	WEIGHTS	C%R	C%P	MIN	MAX
1/2'	0.0	0.0	100.0	100.0	100.0
3/8'	70.0	16.7	83.3	80.0	100.0
#4	380.0	90.7	9.3	5.0	40.0
#8	413.0	98.6	1.4	0.0	20.0
#16	417.0	99.5	0.5	0.0	10.0
Pan	419.0	100.0	0.0	0.0	0.0

% MOISTURE	20.8	Tare Weight	1395	Sp. Gravity	1.62
Gross Weigh	1588	Lab B/W	55	HS	
Bucket Weigh	49				
Wet Weight	506				
Dry Weight	419				



Frazier Park

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

ASTM Light Weight Analysis

Trinity Frazier Park

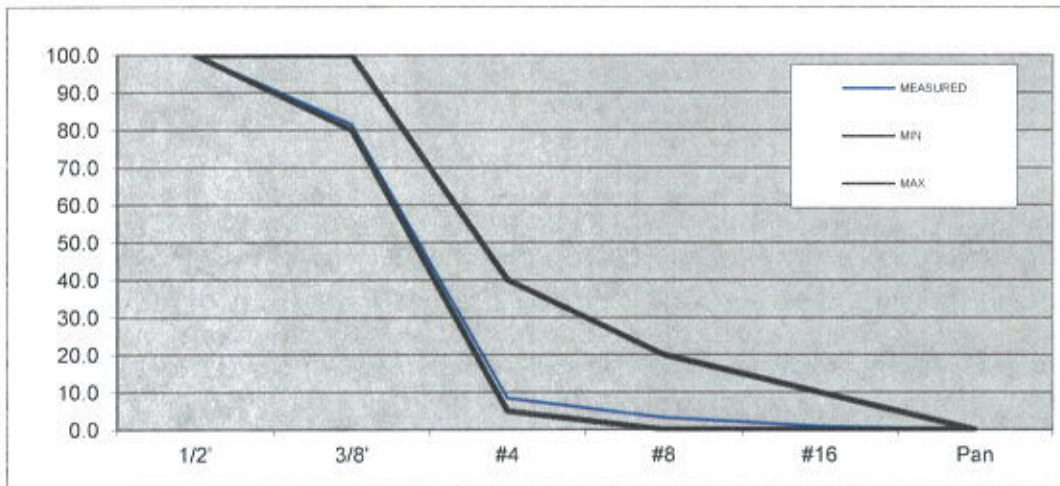
Ticket # 3/8 out of Power screen

Sampler JJ

Date: 03/20/14

Time 11:30AM

Customer Trinity



Sieve	MEASURED	MEASURED	MEASURED	Target	
	WEIGHTS	C%R	C%P	MIN	MAX
1/2'	0.0	0.0	100.0	100.0	100.0
3/8'	110.0	18.5	81.5	80.0	100.0
#4	545.0	91.6	8.4	5.0	40.0
#8	576.0	96.8	3.2	0.0	20.0
#16	590.0	99.2	0.8	0.0	10.0
Pan	595.0	100.0	0.0	0.0	0.0

% MOISTURE **21.0**

Gross Weigh' **1699**

Tare Weight **1395**

Sp. Gravity **1.73**

Bucket Weigh **52.5**

Wet Weight **720**

Dry Weight **595**

Lab B/W



Frazier Park

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

ASTM Light Weight Analysis

Trinity Frazier Park

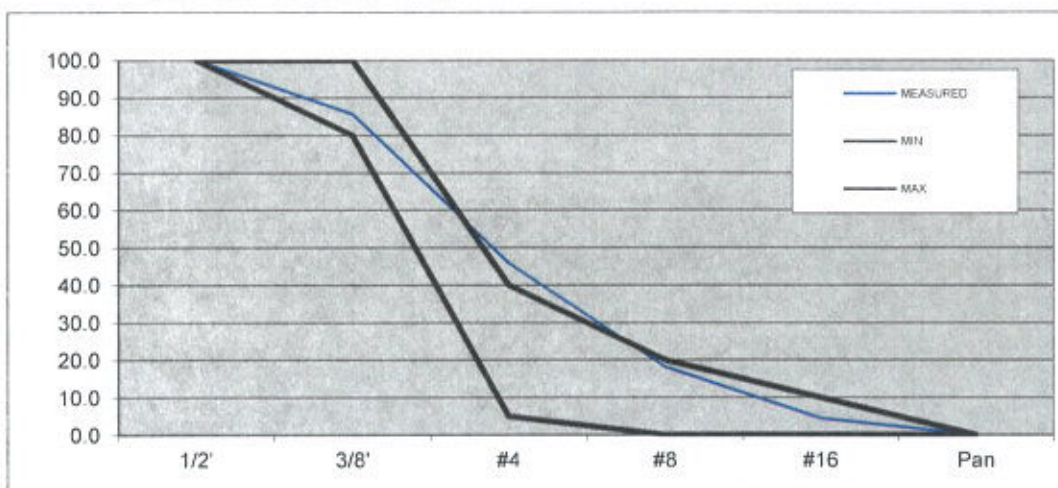
Ticket # Feed going In Power screen

Sampler JJ

Date: 03/21/14

Time 11:00AM

Customer Trinity



Sieve	MEASURED	MEASURED	MEASURED	Target	
	WEIGHTS	C%R	C%P	MIN	MAX
1/2'	0.0	0.0	100.0	100.0	100.0
3/8'	90.0	14.3	85.7	80.0	100.0
#4	340.0	54.1	45.9	5.0	40.0
#8	514.0	81.8	18.2	0.0	20.0
#16	600.0	95.5	4.5	0.0	10.0
Pan	628.0	100.0	0.0	0.0	0.0

% MOISTURE	20.4	Tare Weight	1395	Sp. Gravity	1.80
Gross Weigh	1732	Lab B/W			
Bucket Weigh	60				
Wet Weight	756				
Dry Weight	628				



Frazier Park

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

ASTM Light Wiegth Analysis

Trinity Frazier Park

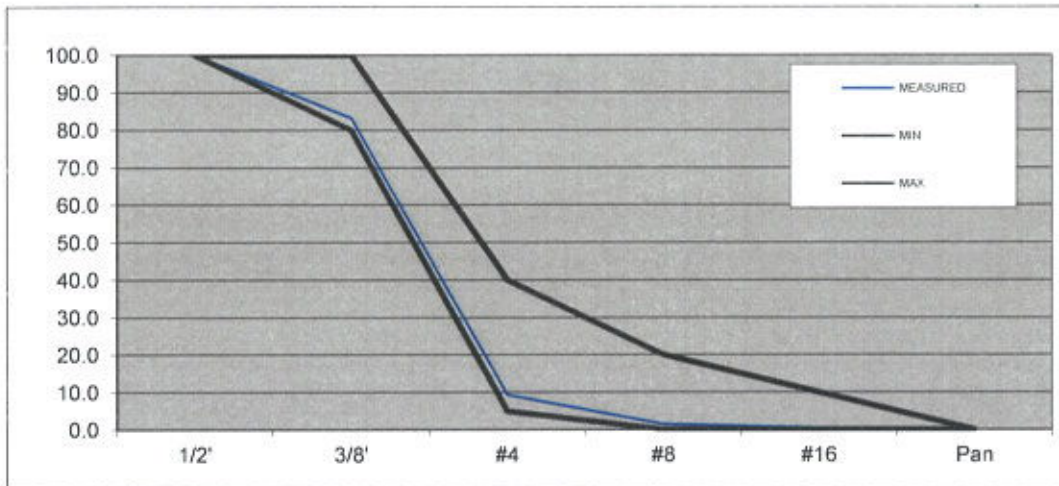
Ticket # 3/8 out of Power screen

Sampler JJ

Date: 02/06/14

Time 2PM

Customer Trinity



Sieve	MEASURED	MEASURED	MEASURED	Target	
	WEIGHTS	C%R	C%P	MIN	MAX
1/2'	0.0	0.0	100.0	100.0	100.0
3/8'	70.0	16.7	83.3	80.0	100.0
#4	380.0	90.7	9.3	5.0	40.0
#8	413.0	98.6	1.4	0.0	20.0
#16	417.0	99.5	0.5	0.0	10.0
Pan	419.0	100.0	0.0	0.0	0.0

% MOISTURE	20.8				
Gross Wiegth	1588	Tare Wiegth	1395	Sp. Gravity	1.62
Bucket Weigh	49	Lab B/W	55	HS	
Wet Weight	506				
Dry Weight	419				



Frazier Park

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

ASTM Light Weight Analysis

Trinity Frazier Park

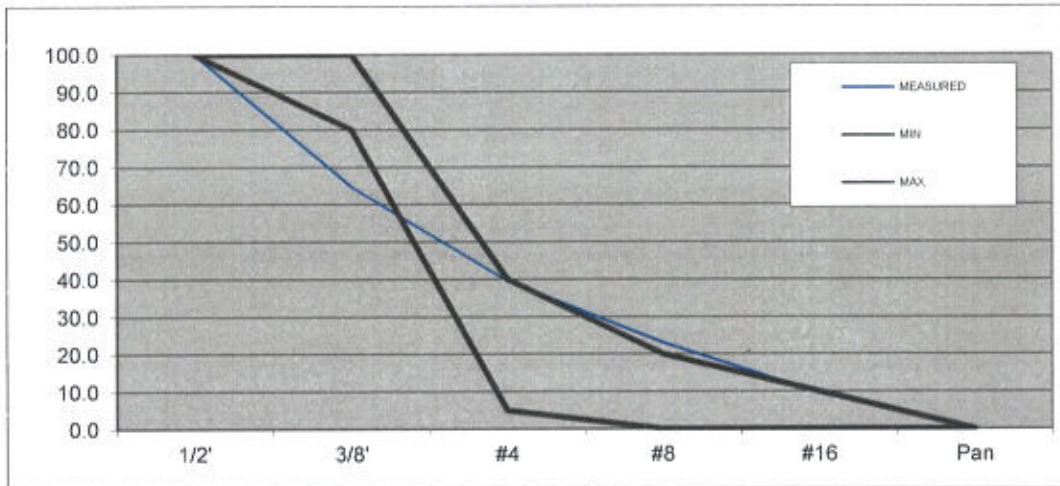
Ticket # Feed going In Power screen

Sampler JJ

Date: 02/06/14

Time 2PM

Customer Trinity



Sieve	MEASURED	MEASURED	MEASURED	Target	
	WEIGHTS	C%R	C%P	MIN	MAX
1/2'	0.0	0.0	100.0	100.0	100.0
3/8'	208.0	35.3	64.7	80.0	100.0
#4	356.0	60.4	39.6	5.0	40.0
#8	453.0	76.9	23.1	0.0	20.0
#16	533.0	90.5	9.5	0.0	10.0
Pan	589.0	100.0	0.0	0.0	0.0

% MOISTURE	24.1				
Gross Weigh	1693	Tare Weight	1395	Sp. Gravity	1.69
Bucket Weigh	57.5	Lab B/W	55	HS	
Wet Weight	731				
Dry Weight	589				



Frazier Park

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

ASTM Light Weight Analysis

Trinity Frazier Park

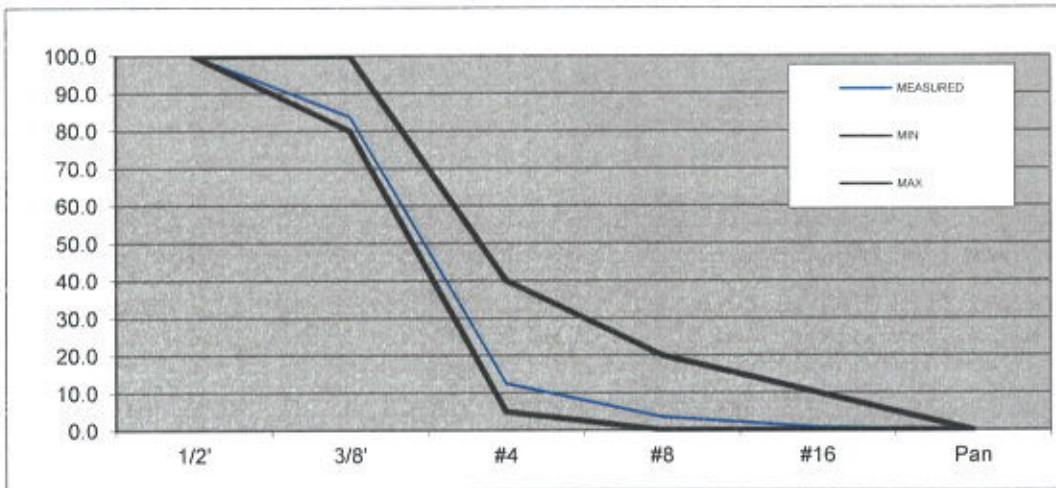
Ticket # 3/8 out of Power screen

Sampler JJ

Date: 01/20/14

Time 10:30AM

Customer Trinity



Sieve	MEASURED	MEASURED	MEASURED	Target	
	WEIGHTS	C%R	C%P	MIN	MAX
1/2'	0.0	0.0	100.0	100.0	100.0
3/8'	69.0	16.2	83.8	80.0	100.0
#4	372.0	87.5	12.5	5.0	40.0
#8	410.0	96.5	3.5	0.0	20.0
#16	422.0	99.3	0.7	0.0	10.0
Pan	425.0	100.0	0.0	0.0	0.0

% MOISTURE **23.3**

Gross Weigh' **1612**

Tare Weight **1395**

Sp. Gravity **1.71**

Bucket Weigh **49.5**

Lab B/W

Wet Weight **524**

Dry Weight **425**



Frazier Park

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

ASTM Light Weight Analysis

Trinity Frazier Park

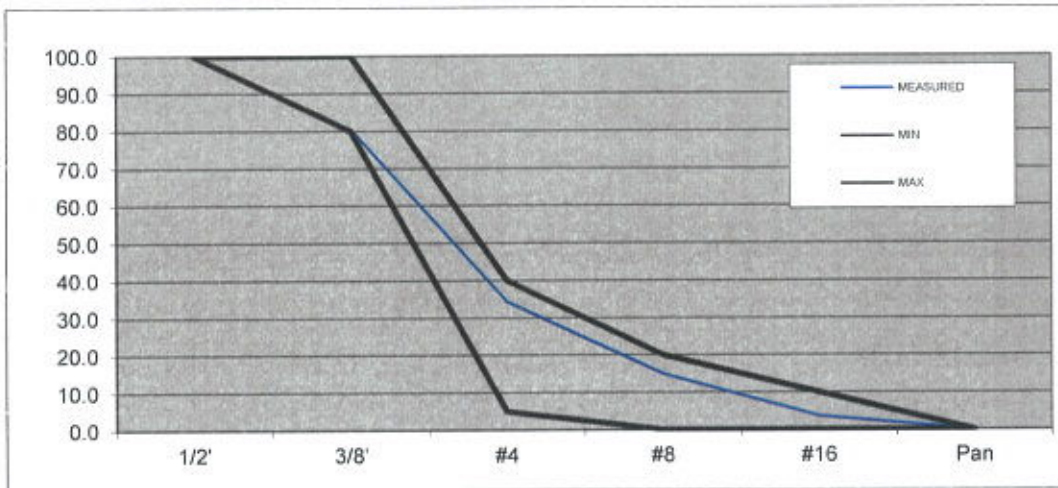
Ticket # Feed going In Power screen

Sampler JJ

Date: 01/20/14

Time 10:30AM

Customer Trinity



Sieve	MEASURED	MEASURED	MEASURED	Target	
	WEIGHTS	C%R	C%P	MIN	MAX
1/2'	0.0	0.0	100.0	100.0	100.0
3/8'	115.0	19.5	80.5	80.0	100.0
#4	387.0	65.7	34.3	5.0	40.0
#8	501.0	85.1	14.9	0.0	20.0
#16	568.0	96.4	3.6	0.0	10.0
Pan	589.0	100.0	0.0	0.0	0.0

% MOISTURE **24.1**

Gross Weigh **1699**

Tare Weight **1395**

Sp. Gravity **1.71**

Bucket Weigh **57.5**

Wet Weight **731**

Dry Weight **589**

Lab B/W



Frazier Park

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

ASTM Light Wiegth Analysis

Trinity Frazier Park

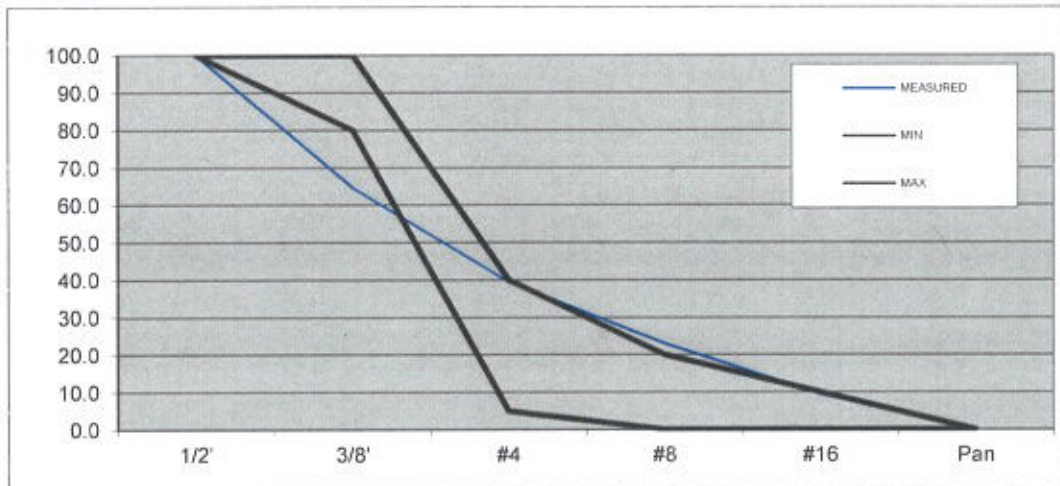
Ticket # Feed going In Power screen

Sampler JJ

Date: 12/05/13

Time 10:30AM

Customer Trinity



Sieve	MEASURED	MEASURED	MEASURED	Target	
	WEIGHTS	C%R	C%P	MIN	MAX
1/2'	0.0	0.0	100.0	100.0	100.0
3/8'	208.0	35.3	64.7	80.0	100.0
#4	356.0	60.4	39.6	5.0	40.0
#8	453.0	76.9	23.1	0.0	20.0
#16	533.0	90.5	9.5	0.0	10.0
Pan	589.0	100.0	0.0	0.0	0.0

% MOISTURE **24.1**

Gross Weigh: **1693**

Tare Weight

1395

Sp. Gravity

1.69

Bucket Weigh

57.5

Lab B/W

Wet Weight

731

Dry Weight

589



Frazier Park

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

ASTM Light Wiegth Analysis

Trinity Frazier Park

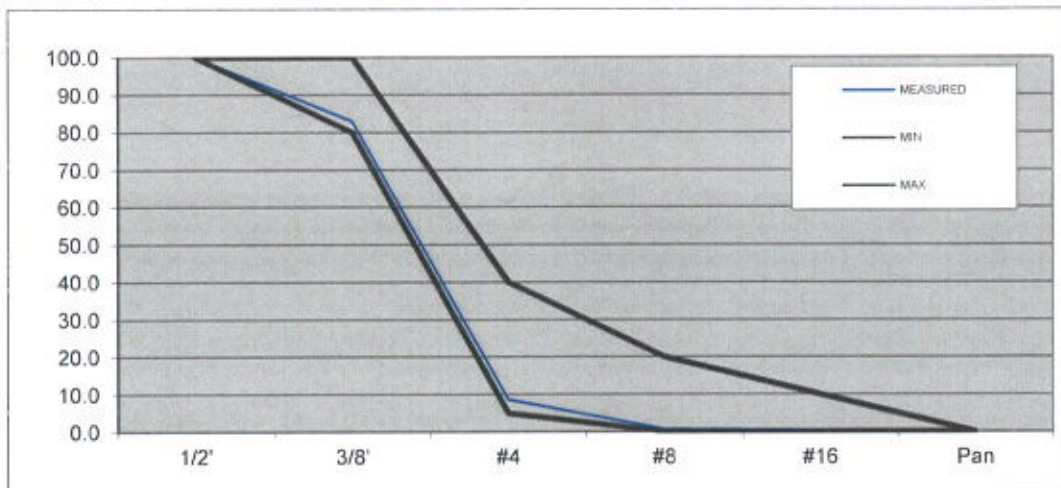
Ticket # 3/8 out of Power screen

Sampler JJ

Date: 12/05/13

Time 10:30AM

Customer Trinity



Sieve	MEASURED	MEASURED	MEASURED	Target	
	WEIGHTS	C%R	C%P	MIN	MAX
1/2'	0.0	0.0	100.0	100.0	100.0
3/8'	71.0	17.0	83.0	80.0	100.0
#4	382.0	91.4	8.6	5.0	40.0
#8	415.0	99.3	0.7	0.0	20.0
#16	416.0	99.5	0.5	0.0	10.0
Pan	418.0	100.0	0.0	0.0	0.0

% MOISTURE **20.8**

Gross Weighr **1588**

Tare Weight **1395**

Sp. Gravity **1.62**

Bucket Weigh **49**

Wet Weight **505**

Dry Weight **418**

Lab B/W



Frazier Park

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

ASTM Light Weight Analysis

Trinity Frazier Park

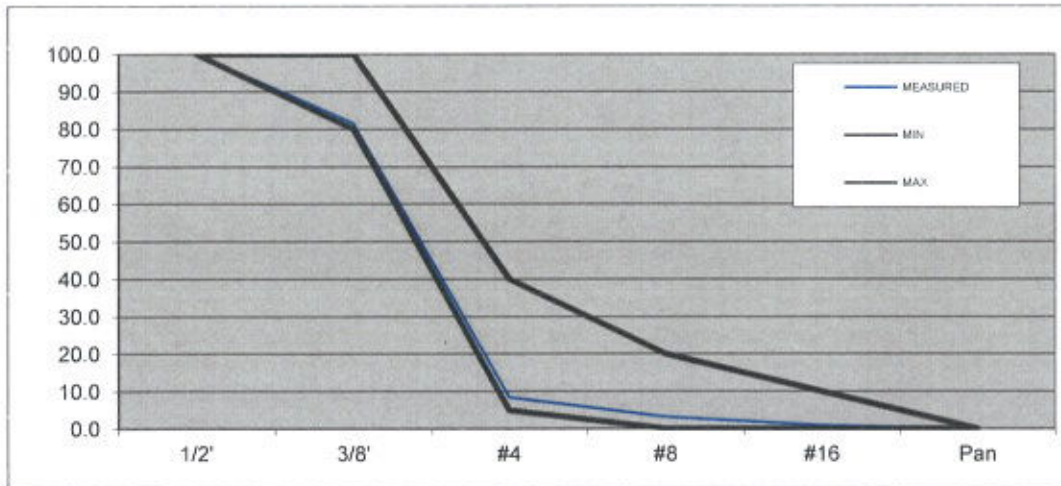
Ticket # 3/8 out of Power screen

Sampler JJ

Date: 11/05/13

Time 10:40

Customer Trinity



Sieve	MEASURED	MEASURED	MEASURED	Target	
	WEIGHTS	C%R	C%P	MIN	MAX
1/2'	0.0	0.0	100.0	100.0	100.0
3/8'	110.0	18.5	81.5	80.0	100.0
#4	545.0	91.6	8.4	5.0	40.0
#8	576.0	96.8	3.2	0.0	20.0
#16	590.0	99.2	0.8	0.0	10.0
Pan	595.0	100.0	0.0	0.0	0.0

% MOISTURE **21.0**

Gross Weigh' **1699**

Tare Weight **1395**

Sp. Gravity **1.73**

Bucket Weigh **52.5**

Lab B/W

Wet Weight **720**

Dry Weight **595**



Frazier Park

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

ASTM Light Weight Analysis

Trinity Frazier Park

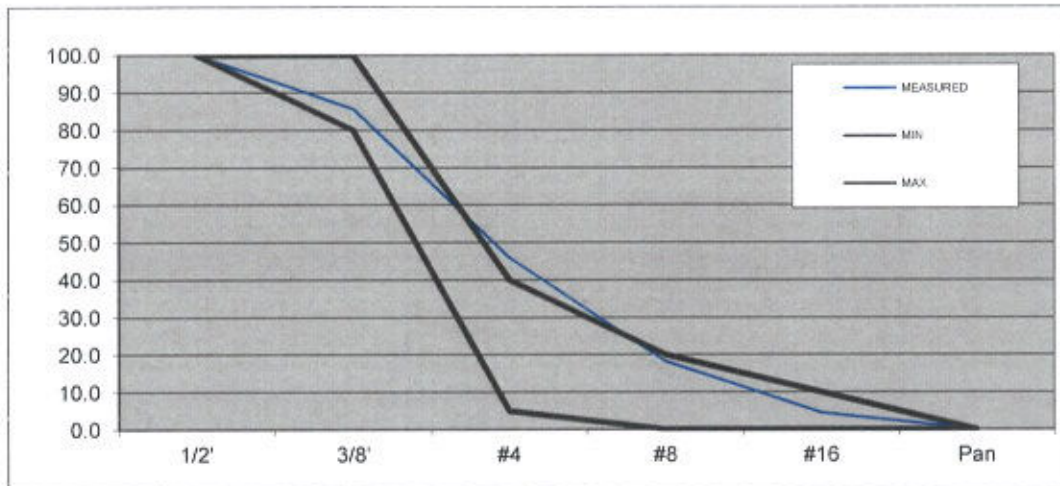
Ticket # Feed going In Power screen

Sampler JJ

Date: 11/05/13

Time 10:45

Customer Trinity



Sieve	MEASURED	MEASURED	MEASURED	Target	
	WEIGHTS	C%R	C%P	MIN	MAX
1/2'	0.0	0.0	100.0	100.0	100.0
3/8'	90.0	14.3	85.7	80.0	100.0
#4	340.0	54.1	45.9	5.0	40.0
#8	514.0	81.8	18.2	0.0	20.0
#16	600.0	95.5	4.5	0.0	10.0
Pan	628.0	100.0	0.0	0.0	0.0

% MOISTURE **20.4**

Gross Weigh' **1732**

Tare Weight **1395**

Sp. Gravity **1.80**

Bucket Weigh **60**

Wet Weight **756**

Dry Weight **628**

Lab B/W



Frazier Park

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

ASTM Light Wieght Analysis

Trinity Frazier Park

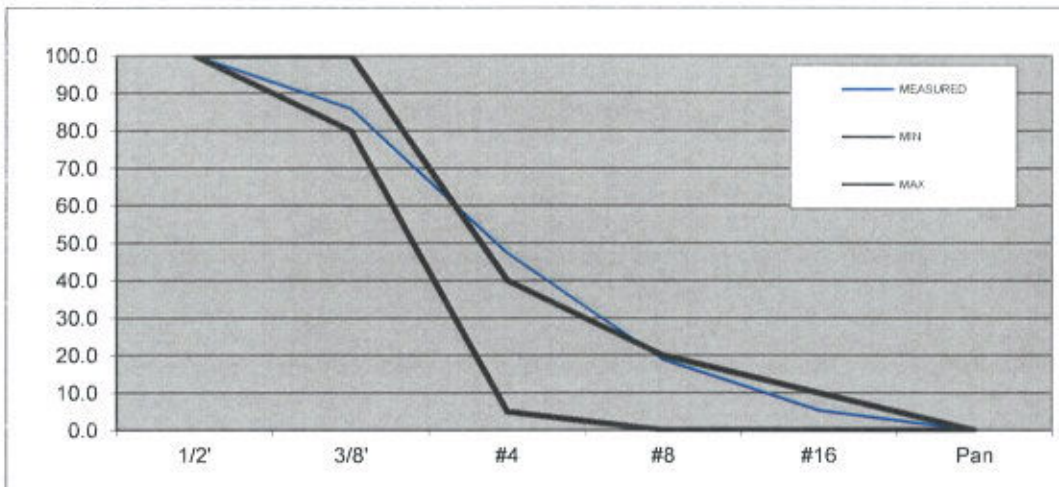
Ticket # Feed going In Power screen

Sampler JJ

Date: 10/18/13

Time 11:43

Customer Trinity



Sieve	MEASURED	MEASURED	MEASURED	Target	
	WEIGHTS	C%R	C%P	MIN	MAX
1/2'	0.0	0.0	100.0	100.0	100.0
3/8'	89.0	14.1	85.9	80.0	100.0
#4	331.0	52.5	47.5	5.0	40.0
#8	511.0	81.1	18.9	0.0	20.0
#16	596.0	94.6	5.4	0.0	10.0
Pan	630.0	100.0	0.0	0.0	0.0

% MOISTURE	22.2				
Gross Wiegth	1736	Tare Wiegth	1395	Sp. Gravity	1.79
Bucket Weigh	60	Lab B/W	55	HS	
Wet Weight	770				
Dry Weight	630				



Frazier Park

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

ASTM Light Wieght Analysis

Trinity Frazier Park

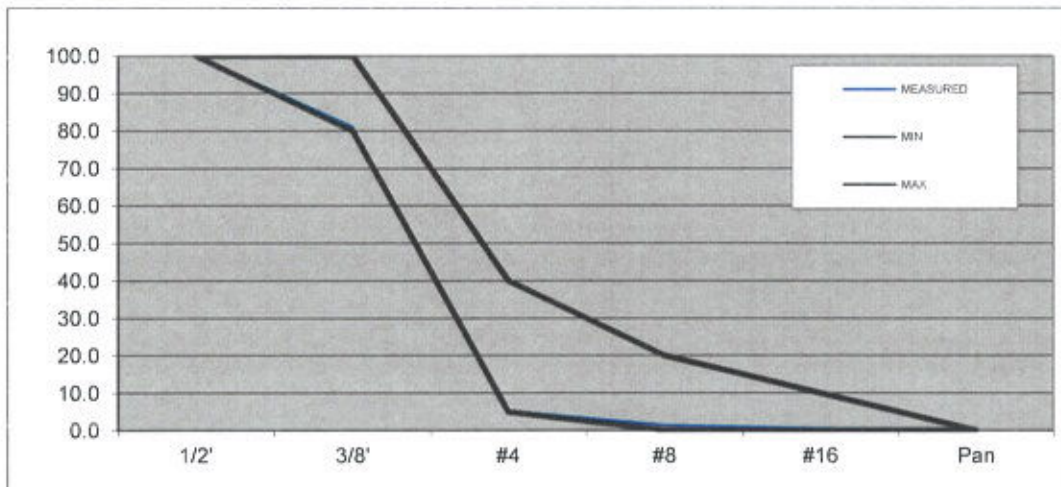
Ticket # 3/8 out of Power screen

Sampler JJ

Date: 10/18/13

Time 11:43

Customer Trinity



Sieve	MEASURED	MEASURED	MEASURED	Target	
	WEIGHTS	C%R	C%P	MIN	MAX
1/2'	0.0	0.0	100.0	100.0	100.0
3/8'	113.0	19.0	81.0	80.0	100.0
#4	565.0	94.8	5.2	5.0	40.0
#8	588.0	98.7	1.3	0.0	20.0
#16	593.0	99.5	0.5	0.0	10.0
Pan	596.0	100.0	0.0	0.0	0.0

% MOISTURE **20.5**

Gross Wiegth **1698**

Tare Wiegth **1395**

Sp. Gravity **1.73**

Bucket Weigh **52.5**

Wet Weight **718**

Dry Weight **596**

Lab B/W **55**

HS

APPENDIX E

PO0036PC7

Amendment 50 to PO00036

Quarterly Dust Readings

Quarterly Formal Survey For Attachment 5
Part 70 Permit # 0036

1st 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
04/22/13	10:00am	#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			
04/22/13	9:30am	E14	Tower Screen		X	SF
04/22/13	9:30am	#29	Radial Stacker		X	SF
04/22/13	9:30am	#26	K-3 Blue Belt		X	SF
04/22/13	9:30am	#25	K-4 Blue Belt		X	SF
04/22/13	11:00am	E1	Grizzly Housing		X	SF
04/22/13	10:30am	E2	Syntron #1		X	SF
04/22/13	11:10am	#15	Kiln Feed Tank Conveyor		X	SF
04/22/13	11:15am	#18	K-4 Discharge Conveyor		X	SF
04/22/13	11:15am	#19	K-3 Discharge Conveyor		X	SF
04/22/13	11:30am	#20	K-3 Feed Conveyor		X	SF
04/22/13	11:30am	#21	K-4 Feed Conveyor		X	SF
04/22/13	11:35am	#24	K-4 Incline Conveyor		X	SF
Not in use		E39	Bucket Elevator #4			
Not in use		E38	Bucket Elevator #3			
04/22/13	1:30pm	N/A	Sand Loop Building		X	SF
Not in use		Finish End	9 Tank Silo			
04/22/13	1:30pm	E30	Vertical Impact Crusher		X	SF
04/22/13	1:45pm	Raw Material	Raw Material Processing Shed		X	SF
04/22/13	2:00pm	Kiln Area	K-3 & K-4 Baghouse Stack		X	SF
04/22/13	2:00pm	Kiln Area	Kiln Feed Tanks		X	SF
04/22/13	1:35pm	#33	O'Brian Discharge		X	SF
04/22/13	11:15am	#49	#9 Tank Discharge		X	SF
04/22/13	1:35pm	#48	Crusher Oversize Return		X	SF
04/22/13	1:40pm	#40	Yogi Discharge 5/16		X	SF
04/22/13	10:30am	E3	Syntron #2		X	SF
04/22/13	1:30pm	#47	Symons Feed Belt		X	SF
Not in use		#46	Crusher Bypass			
04/22/13	1:30pm	#45	Crusher Discharge		X	SF
04/22/13	1:40pm	#42	5/16 Crossover Belt		X	SF
04/22/13	1:40pm	#41	Yogi Discharge 1/4		X	SF
04/22/13	1:45pm	#36	Overstrom Discharge		X	SF
04/22/13	8:35am	Raw Plant	Kiln Dust Baghouse		X	SF
04/22/13	2:05pm	Kiln Deck	Lime System Baghouse		X	SF
04/22/13	2:05pm	Finish End	Finish End Baghouse		X	SF
04/22/13	1:35pm	E3	Syntron #3		X	SF
Not in use		E37	K-4 Screw Conveyor			
Not in use		E36	K-3 Scw Conveyor			
04/22/13	9:30am	E18	K-4 Vibrating Conveyor		X	SF
04/22/13	9:30am	E17	K-3 Vibrating Conveyor		X	SF
Not in use		#52	Hopper Stacker			
Not in use		#39	9 Tank Discharge			

x

Interly Formal Survey For Attachment 5
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
07/19/13	10:30am	#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			
07/18/13	2:00pm	E14	Tower Screen		X	SF
07/18/13	2:00pm	#29	Radial Stacker		X	SF
07/18/13	2:00pm	#26	K-3 Blue Belt		X	SF
07/18/13	2:00pm	#25	K-4 Blue Belt		X	SF
07/19/13	1:45pm	E1	Grizzly Housing		X	SF
07/19/13	1:45pm	E2	Syntron #1		X	SF
07/18/13	1:25pm	#15	Kiln Feed Tank Conveyor		X	SF
07/18/13	1:25pm	#18	K-4 Discharge Conveyor		X	SF
07/18/13	1:25pm	#19	K-3 Discharge Conveyor		X	SF
07/18/13	1:35pm	#20	K-3 Feed Conveyor		X	SF
07/18/13	1:35pm	#21	K-4 Feed Conveyor		X	SF
07/18/13	1:35pm	#24	K-4 Incline Conveyor		X	SF
Not in use		E39	Bucket Elevator #4			
Not in use		E38	Bucket Elevator #3			
07/19/13	10:30am	N/A	Sand Loop Building		X	SF
Not in use		Finish End	9 Tank Silo			
07/19/13	10:30am	E30	Vertical Impact Crusher		X	SF
07/19/13	1:45pm	Raw Material	Raw Material Processing Shed		X	SF
07/18/13	12:45pm	Kiln Area	K-3 & K-4 Baghouse Stack		X	SF
07/18/13	12:45pm	Kiln Area	Kiln Feed Tanks		X	SF
07/19/13	10:40am	#33	O'Brian Discharge		X	SF
		#49	#9 Tank Discharge			
07/19/13	10:50am	#48	Crusher Oversize Return		X	SF
07/19/13	11:00am	#40	Yogi Discharge 5/16		X	SF
07/19/13	1:45pm	E3	Syntron #2		X	SF
07/19/13	10:30am	#47	Symons Feed Belt		X	SF
Not in use		#46	Crusher Bypass			
07/19/13	1:10pm	#45	Crusher Discharge		X	SF
07/19/13	11:00am	#42	5/16 Crossover Belt		X	SF
07/19/13	11:00am	#41	Yogi Discharge 1/4		X	SF
07/19/13	11:05am	#36	Overstrom Discharge		X	SF
07/18/13	12:45pm	Raw Plant	Kiln Dust Baghouse		X	SF
07/19/13	11:45am	Kiln Deck	Lime System Baghouse		X	SF
07/19/13	11:45am	Finish End	Finish End Baghouse		X	SF
07/19/13	11:15am	E3	Syntron #3		X	SF
Not in use		E37	K-4 Screw Conveyor			
Not in use		E36	K-3 Scew Conveyor			
07/18/13	2:00pm	E18	K-4 Vibrating Conveyor		X	SF
07/18/13	2:00pm	E17	K-3 Vibrating Conveyor		X	SF
Not in use		#52	Hopper Stacker			
Not in use		#39	9 Tank Discharge			

Interly Formal Survey For Attachment 5
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
11/18/13	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			
11/18/13	1:00pm	E14	Tower Screen		X	SF
11/18/13	1:00pm	#29	Radial Stacker		X	SF
11/18/13	1:00pm	#26	K-3 Blue Belt		X	SF
11/18/13	1:00pm	#25	K-4 Blue Belt		X	SF
11/22/13	2:05pm	E1	Grizzly Housing		X	SF
11/22/13	2:05pm	E2	Syntron #1		X	SF
11/22/13	2:35pm	#15	Kiln Feed Tank Conveyor		X	SF
11/22/13	2:35pm	#18	K-4 Discharge Conveyor		X	SF
11/22/13	2:35pm	#19	K-3 Discharge Conveyor		X	SF
11/22/13	2:30pm	#20	K-3 Feed Conveyor		X	SF
11/22/13	2:30pm	#21	K-4 Feed Conveyor		X	SF
11/22/13	2:30pm	#24	K-4 Incline Conveyor		X	SF
Not in use		E39	Bucket Elevator #4			
Not in use		E38	Bucket Elevator #3			
11/18/13	1:15pm	N/A	Sand Loop Building		X	SF
Not in use		Finish End	9 Tank Silo			
11/18/13	1:15pm	E30	Vertical Impact Crusher		X	SF
11/22/13	2:05pm	Raw Material	Raw Material Processing Shed		X	SF
11/22/13	2:25pm	Kiln Area	K-3 & K-4 Baghouse Stack		X	SF
11/22/13	2:25pm	Kiln Area	Kiln Feed Tanks		X	SF
11/18/13	1:25pm	#33	O'Brian Discharge		X	SF
Not in use		#49	#9 Tank Discharge			
11/18/13	1:20pm	#48	Crusher Oversize Return		X	SF
11/18/13	1:25pm	#40	Yogi Discharge 5/16		X	SF
11/22/13	2:05pm	E3	Syntron #2		X	SF
11/18/13	1:15pm	#47	Symons Feed Belt		X	SF
Not in use		#46	Crusher Bypass			
11/18/13	1:15pm	#45	Crusher Discharge		X	SF
11/18/13	1:35pm	#42	5/16 Crossover Belt		X	SF
11/18/13	1:35pm	#41	Yogi Discharge 1/4		X	SF
11/18/13	1:35pm	#36	Overstrom Discharge		X	SF
11/22/13	2:25pm	Raw Plant	Kiln Dust Baghouse		X	SF
11/18/13	1:45pm	Kiln Deck	Lime System Baghouse		X	SF
11/18/13	1:45pm	Finish End	Finish End Baghouse		X	SF
11/18/13	1:15pm	E3	Syntron #3		X	SF
Not in use		E37	K-4 Screw Conveyor			
Not in use		E36	K-3 Scw Conveyor			
11/18/13	1:00pm	E18	K-4 Vibrating Conveyor		X	SF
11/18/13	1:00pm	E17	K-3 Vibrating Conveyor		X	SF
Not in use		#52	Hopper Stacker			
Not in use		#39	9 Tank Discharge			

Interim Formal Survey For Attachment 5
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
02/07/14	3:05pm	#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			
01/14/14	10:30am	E14	Tower Screen		X	SF
01/14/14	10:30am	#29	Radial Stacker		X	SF
01/14/14	10:30am	#26	K-3 Blue Belt		X	SF
01/14/14	10:30am	#25	K-4 Blue Belt		X	SF
01/14/14	1:45pm	E1	Grizzly Housing		X	SF
01/14/14	1:45pm	E2	Syntron #1		X	SF
01/14/14	2:25pm	#15	Kiln Feed Tank Conveyor		X	SF
01/14/14	2:25pm	#18	K-4 Discharge Conveyor		X	SF
01/14/14	2:25pm	#19	K-3 Discharge Conveyor		X	SF
01/14/14	2:30pm	#20	K-3 Feed Conveyor		X	SF
01/14/14	2:30pm	#21	K-4 Feed Conveyor		X	SF
01/14/14	2:30pm	#24	K-4 Incline Conveyor		X	SF
Not in use		E39	Bucket Elevator #4			
Not in use		E38	Bucket Elevator #3			
02/07/14	3:05pm	N/A	Sand Loop Building		X	SF
Not in use		Finish End	9 Tank Silo			
02/07/14	3:05pm	E30	Vertical Impact Crusher		X	SF
01/14/14	1:45pm	Raw Material	Raw Material Processing Shed		X	SF
01/14/14	2:00pm	Kiln Area	K-3 & K-4 Baghouse Stack		X	SF
01/14/14	2:00pm	Kiln Area	Kiln Feed Tanks		X	SF
02/07/14	1:15pm	#33	O'Brian Discharge		X	SF
Not in use		#49	#9 Tank Discharge			
02/07/14	3:05pm	#48	Crusher Oversize Return		X	SF
02/07/14	1:15pm	#40	Yogi Discharge 5/16		X	SF
01/14/14	1:45pm	E3	Syntron #2		X	SF
02/07/14	3:05pm	#47	Symons Feed Belt		X	SF
Not in use		#46	Crusher Bypass			
02/07/14	3:05pm	#45	Crusher Discharge		X	SF
02/07/14	1:15pm	#42	5/16 Crossover Belt		X	SF
02/07/14	1:15pm	#41	Yogi Discharge 1/4		X	SF
02/07/14	3:20pm	#36	Overstrom Discharge		X	SF
01/14/14	2:00pm	Raw Plant	Kiln Dust Baghouse		X	SF
01/14/13	3:30pm	Kiln Deck	Lime System Baghouse		X	SF
02/07/14	3:30pm	Finish End	Finish End Baghouse		X	SF
02/07/14	3:05pm	E3	Syntron #3		X	SF
Not in use		E37	K-4 Screw Conveyor			
Not in use		E36	K-3 Scw Conveyor			
01/14/14	10:30am	E18	K-4 Vibrating Conveyor		X	SF
01/14/14	10:30am	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 3/19/14 Time 9:30 am

Kiln Cooler(s)/ water sprays equipment

Inspect for proper operations:

K-3 K-4

YES NO YES NO

Note: If yes give explanation and action taken;

Out of service, equipment has been removed

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

Sand Coverion Belt Dust Suppresion System:

Inspect Water Spray(s) Systems for Operations and any malfunctions:

Operating Malfuntion

YES NO YES NO

Note: If yes give explanation and action taken;

Out of service, equipment has been removed

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

Maint. Technician
Signature/Date: _____

Inspected By (print name) Daniel Dunker

Signature [Signature]

Date 3/19/14



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 3/5/14 Time 9:00 am

Kiln Cooler(s)/ water sprays equipment

Inspect for proper operations:

K-3 K-4

YES NO YES NO

Note: If yes give explanation and action taken;

Out of service, equipment has been removed

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

Sand Coverion Belt Dust Suppresion System:

Inspect Water Spray(s) Systems for
Operations and any malfunctions:

Operating Malfuntion

YES NO YES NO

Note: If yes give explanation and action taken;

Out of service, equipment has been removed

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

Maint. Technician

Signature/Date: _____

Inspected By (print name) Daniel Dunker

Signature [Signature]

Date 3/5/14



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 2/19/14 Time 10:00 am

Kiln Cooler(s)/ water sprays equipment

Inspect for proper operations:

K-3 K-4

YES NO YES NO

Note: If yes give explanation and action taken;

Out of service, equipment has been removed

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

Sand Coverion Belt Dust Suppresion System:

Inspect Water Spray(s) Systems for Operations and any malfunctions:

Operating Malfuntion

YES NO YES NO

Note: If yes give explanation and action taken;

Out of service, equipment has been removed

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

Maint. Technician
Signature/Date: _____

Inspected By (print name) Daniel Dunker

Signature [Signature]

Date 2/19/14



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 2/5/14 Time 9:30 am

Kiln Cooler(s)/ water sprays equipment

K-3 K-4

Inspect for proper operations:

YES NO YES NO

Note: If yes give explanation and action taken;

Out of service, equipment has been removed

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

Sand Coverion Belt Dust Suppresion System:

Operating Malfunton

Inspect Water Spray(s) Systems for Operations and any malfunctions:

YES NO YES NO

Note: If yes give explanation and action taken;

Out of service, equipment has been removed

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

Maint. Technician

Signature/Date: _____

Inspected By (print name) Daniel Dunker

Signature [Signature]

Date 2/5/14



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 1/22/14 Time 10:00am

Kiln Cooler(s)/ water sprays equipment

K-3 K-4

Inspect for proper operations:

YES NO YES NO

Note: If yes give explanation and action taken;

Out of service, equipment has been removed

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

Sand Coverion Belt Dust Suppresion System:

Operating Malfunton

Inspect Water Spray(s) Systems for
Operations and any malfunctions:

YES NO YES NO

Note: If yes give explanation and action taken;

Out of service, equipment has been removed

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

Maint. Technician

Signature/Date: _____

Inspected By (print name) Danjel Duncker

Signature [Signature]

Date 1/22/14



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 4/8/2014 Time 9am

Kiln Cooler(s)/ water sprays equipment

K-3 K-4

Inspect for proper operations:

YES NO YES NO

Note: If yes give explanation and action taken;

Out of service, equipment has been removed

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

Sand Conversion Belt Dust Suppression System:

Operating Malfunction

Inspect Water Spray(s) Systems for Operations and any malfunctions:

YES NO YES NO

Note: If yes give explanation and action taken;

Out of service, equipment has been removed

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

Maint. Technician
Signature/Date: _____

Inspected By (print name) Daniel Dunker

Signature [Signature]

Date 4/8/14



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 12/26/13 Time 10:30 am

Kiln Cooler(s)/ water sprays equipment

Inspect for proper operations:

K-3

K-4

YES NO YES NO

Note: If yes give explanation and action taken;

Out of Service, equipment has been removed

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

Sand Coverion Belt Dust Suppresion System:

Inspect Water Spray(s) Systems for
Operations and any malfunctions:

Operating

Malfuntion

YES NO YES NO

Note: If yes give explanation and action taken;

Out of service, equipment has been removed

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 12/26/13



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 12/14/13 Time 9:00 am

Kiln Cooler(s)/ water sprays equipment

Inspect for proper operations:

K-3

K-4

YES

NO

YES

NO

Out of service, equipment has been removed

Note: If yes give explanation and action taken;

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

Sand Coverion Belt Dust Suppression System:

Inspect Water Spray(s) Systems for Operations and any malfunctions:

Operating

Malfunction

YES

NO

YES

NO

Out of service, equipment has been removed.

Note: If yes give explanation and action taken;

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

Maint. Technician

Signature/Date: _____

Inspected By (print name) Daniel Dunker

Signature [Signature]

Date 12/11/13



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 11/20/13 Time 10:00 am

Kiln Cooler(s)/ water sprays equipment

Inspect for proper operations:

K-3

K-4

YES

NO

YES

NO

Out of service, equipment has been removed

Note: If yes give explanation and action taken;

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

Sand Coverion Belt Dust Suppresion System:

Inspect Water Spray(s) Systems for
Operations and any malfunctions:

Operating

Malfuntion

YES

NO

YES

NO

Out of service, equipment has been removed

Note: If yes give explanation and action taken;

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

Maint. Technician

Signature/Date: _____

Inspected By (print name) Daniel Duncker

Signature Daniel Duncker

Date 11/20/13



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 11/6/13 Time 8:30am

Kiln Cooler(s)/ water sprays equipment

K-3 K-4

Inspect for proper operations:

YES NO YES NO

Note: If yes give explanation and action taken;

Out of service, equipment has been removed

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

Sand Coverion Belt Dust Suppresion System:

Operating Malfunction

Inspect Water Spray(s) Systems for
Operations and any malfunctions:

YES NO YES NO

Note: If yes give explanation and action taken;

Out of service, equipment has been removed

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 11/6/13



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 10/23/13 Time 10:00 AM

Kiln Cooler(s)/ water sprays equipment

Inspect for proper operations:

K-3

K-4

YES

NO

YES

NO

Note: If yes give explanation and action taken;
Out of service, equipment has been removed

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

Sand Coveron Belt Dust Suppresion System:

Inspect Water Spray(s) Systems for Operations and any malfunctions:

Operating

Malfunction

YES

NO

YES

NO

Note: If yes give explanation and action taken;
Out of service, equipment has been removed.

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

Maint. Technician

Signature/Date: _____

Inspected By (print name) Daniel Duncker

Signature Daniel Duncker

Date 10/23/13



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 10/9/13 Time 10:30 am

Kiln Cooler(s)/ water sprays equipment

K-3 K-4

Inspect for proper operations:

YES NO YES NO

Note: If yes give explanation and action taken;

Out of service, equipment has been removed

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

Sand Coverion Belt 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;

Out of service, equipment has been removed

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

Maint. Technician
Signature/Date: _____

Inspected By (print name) Daniel Dunker

Signature [Signature]

Date 10/9/13



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 9/25/13 Time 9:30 Am

Kiln Cooler(s)/ water sprays equipment

Inspect for proper operations:

K-3

K-4

YES

NO

YES

NO

Note: If yes give explanation and action taken;

Out of service, equipment has been removed

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

Sand Coverion Belt Dust Suppresion System:

Inspect Water Spray(s) Systems for Operations and any malfunctions:

Operating

Malfuntion

YES

NO

YES

NO

Note: If yes give explanation and action taken;

Out of service, equipment has been removed

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

Maint. Technician

Signature/Date: _____

Inspected By (print name) Daniel Dunbar

Signature Daniel Dunbar

Date 9/25/13



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 9/10/13 Time 1:30pm

Kiln Cooler(s)/ water sprays equipment

K-3 K-4

Inspect for proper operations:

YES NO YES NO

Note: If yes give explanation and action taken;

Out of service, equipment has been removed

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

Sand Coverion Belt Dust Suppression System:

Operating Malfunction

Inspect Water Spray(s) Systems for
Operations and any malfunctions:

YES NO YES NO

Note: If yes give explanation and action taken;

Out of service, equipment has been removed.

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 9/10/13



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 8/21/13 Time 11:15 am

Kiln Cooler(s)/ water sprays equipment

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

Note: If yes give explanation and action taken;

Out of service, equipment has been removed

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

Sand Coverion Belt Dust Suppresion System:

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

Note: If yes give explanation and action taken;

Out of service, equipment has been removed

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

Maint. Technician
Signature/Date: _____

Inspected By (print name) Daniel Dunker

Signature [Signature]

Date 8/21/13



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 8/7/13 Time 8:30 am

Kiln Cooler(s)/ water sprays equipment

K-3 K-4

Inspect for proper operations:

YES NO YES NO

Note: If yes give explanation and action taken;

Out of service, equipment has been removed

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

Sand Coveron Belt 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;

Out of service, equipment has been removed

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

Maint. Technician

Signature/Date: _____

Inspected By (print name) Daniel Dunkey

Signature Daniel Dunkey

Date 8/7/13



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 7/24/15 Time 9:30 am

Kiln Cooler(s)/ water sprays equipment

	<u>K-3</u>	<u>K-4</u>
Inspect for proper operations:	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

Note: If yes give explanation and action taken;

Out of service, equipment has been removed

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

Sand Coverion Belt Dust Suppresion System:

	<u>Operating</u>	<u>Malfuntion</u>
Inspect Water Spray(s) Systems for Operations and any malfunctions:	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

Note: If yes give explanation and action taken;

Out of service, equipment has been removed

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 7/24/15



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 7/10/13 Time 9am

Kiln Cooler(s)/ water sprays equipment

Inspect for proper operations:

K-3

K-4

YES

NO

YES

NO

Note: If yes give explanation and action taken;

Out of service, equipment has been removed

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

Sand Coverion Belt Dust Suppresion System:

Inspect Water Spray(s) Systems for
Operations and any malfunctions:

Operating

Malfuntion

YES

NO

YES

NO

Note: If yes give explanation and action taken;

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 7/10/13



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 6/19/13 Time 10:15 AM

Kiln Cooler(s)/ water sprays equipment

K-3 K-4

Inspect for proper operations:

YES NO YES NO

Out of service, equipment has been removed

Note: If yes give explanation and action taken;

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

Sand Coverion Belt Dust Suppresion System:

Operating Malfunction

Inspect Water Spray(s) Systems for
Operations and any malfunctions:

YES NO YES NO

Out of service, equipment has been removed

Note: If yes give explanation and action taken;

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 6/19/13



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 6/5/13 Time 9:00 am

Kiln Cooler(s)/ water sprays equipment

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

Note: If yes give explanation and action taken;

Out of service, equipment has been removed

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

Sand Coverion Belt Dust Suppresion System:

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

Note: If yes give explanation and action taken;

Out of service, equipment has been removed

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 6/5/13



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 5/22/13 Time 9:15am

Kiln Cooler(s)/ water sprays equipment

Inspect for proper operations:

K-3

K-4

YES

NO

YES

NO

Note: If yes give explanation and action taken;

Out of service, equipment has been removed

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

Sand Coverion Belt Dust Suppression System:

Inspect Water Spray(s) Systems for
Operations and any malfunctions:

Operating

Malfunction

YES

NO

YES

NO

Note: If yes give explanation and action taken;

Out of service, equipment has been removed

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 5/22/13



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 5/8/13 Time 10am

Kiln Cooler(s)/ water sprays equipment

Inspect for proper operations:

K-3

K-4

YES

NO

YES

NO

Note: If yes give explanation and action taken;

Out of service, equipment has been removed

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

Sand Conversion Belt Dust Suppression System:

Inspect Water Spray(s) Systems for
Operations and any malfunctions:

Operating

Malfunction

YES

NO

YES

NO

Note: If yes give explanation and action taken;

Out of service, equipment has been removed

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 5/8/13



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 4/24/13 Time 9:30 am

Kiln Cooler(s)/ water sprays equipment

Inspect for proper operations:

K-3

K-4

YES

NO

YES

NO

Note: If yes give explanation and action taken;

Out of service, equipment has been removed

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

Sand Coverion Belt Dust Suppresion System:

Inspect Water Spray(s) Systems for
Operations and any malfunctions:

Operating

Malfuntion

YES

NO

YES

NO

Note: If yes give explanation and action taken;

Out of service, equipment has been removed

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

Maint. Technician

Signature/Date: _____

Inspected By (print name) Daniel Duncker

Signature Daniel Duncker

Date 4/24/13



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 4/10/13 Time 8:30 am

Kiln Cooler(s)/ water sprays equipment

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

Note: If yes give explanation and action taken;

Out of service, equipment has been removed

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

Sand Coverion Belt Dust Suppresion System:

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

Note: If yes give explanation and action taken;

Out of service, equipment has been removed

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

Maint. Technician
Signature/Date: _____

Inspected By (print name) Daniel Durker

Signature Daniel Durker

Date 4/10/13

APPENDIX G

PO0036PC2 Condition 3

CEMS Log

LWFP LLC DBA Trinity Frazier Park
Permit Number 0036

Break down Periods
Baghouse temp break down summary
April 1, 2013 - March 31, 2014

Device	Date	Period	Comment
Probe	9/8/2013 to 10/3/2013	7:30am to 11:30am	It was found that the data log system was not logging the baghouse temps because the memory was getting full. Data was archived and a new data base was created. on 10/3/2013

Data_Periods_13/14

