Pacific Custom Materials, Inc.

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

May 13, 2013

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

RE: Title V: Annual Emission Compliance Certification

Dear Mr. Dan Searcy

Enclosed is information with the Title V. compliance certification report 2012-2013. Trinity ES&C Frazier Park has assumed ownership of the Frazier Park facility as of March 22, 2013. The facility was not operated in the month of March 2013 by Trinity and there was no information to report on for the remaining days of March.

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

Sincerely,

Mark Mathis

Enclosure

Cc:
Steve Fernandes

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Period Covered by Compliance Certification: **04/ 01 /12** (MM/DD/YY) to **03 /31 /13** (MM/DD/YY)

A. Attachment # or Permit Condition #: **40 CFR Part 60, Subpart OOO**	D. Frequency of monitoring:- Source test and opacity readings upon request. Annual compliance certification
B. Description: Standards of performance for Nonmetallic Mineral Processing Facilities For equipment installed after 8/31/83 and before 4/22/08	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable None requested in addition to required compliance testing EPA Methods 5, 17, 9 or 22
C. Method of monitoring: Source Tests and opacity reading upon request of VCAPCD. EPA Method 5, EPA Method 17, EPA Method 9, and EPA Method 22	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: **40 CFR Part 60, Subpart A.**	D. Frequency of monitoring: - Source tests and opacity readings upon request. Annual compliance certification, and Monthly water spray inspection
B. Description: Standard of performance for nonmetallic Mineral Processing Facilities For equipment installed after 4/22/08	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable None requested in addition to required compliance testing.
C. Method of monitoring: -Source tests and opacity reading upon request of VCAPCD. - EPA Method 5, EPA Method 17, EPA Method 9, and EPA Method 22	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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

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

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

A. Attachment # or Permit Condition #: **PO0036PC1 Condition #2**	D. Frequency of monitoring:
B. Description: Rule 29 Solvent Recordkeeping	Annual compliance statement. Recordkeeping of non-exempt solvent usage-N/A this reporting Period
	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Not Applicable
C. Method of monitoring: Records of solvent purchases and usage. As applicable to VCAPCD rules. Solvent used for facility maintenance and repair exempt (Rule 23.F.7-not including use by contractors). Non-refillable aerosol <2% organic solvents exempt. Solvents used by facility are exempt by Rule 23.F.7 and Rule 23.F..10.a, and b. Facility uses only non-volatile (<2% organic) citrus oil based cleaning agents and non refillable aerosol cleaning products.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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A. Attachment # or Permit Condition #: **PO0036PC2 Condition #1**	D. Frequency of monitoring:
B. Description: Rule 26- Annual Natural Gas consumption limits for Kilns Nos 3 and 4.	Consumption data and calculations attached in Appendix B.
	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Not Applicable
C. Method of monitoring: -Daily and monthly records of natural gas consumption -Twelve month rolling records of natural gas consumption -Annual compliance certification including natural gas consumption	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: **PO0036PC2 Condition 2**	D. Frequency of monitoring:
B. Description: Rules 26, 68, and 103 NOx and CO emission limits for Kiln Nos. 3 and 4	Annual- See Attached Source Test Form
	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable ARB Method 100
C. Method of monitoring: -Annual compliance certification - Once every twelve Months NOx, CO and O2 monitored ARB Method 100. Exhaust flow monitored ARB Method 2 - Hourly emissions of NOx are limited to 6.9 and 5.6 lbs/hr for Kiln 3 and 4 respectively	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: **PO0036PC2 Condition 3**	D. Frequency of monitoring:
B. Description: Rules 103 NOx and CO CEMs for Kiln Nos. 3 and 4. Per 40 CFR Part 51, Appendix P.	Annual- See Attached Source Test Form and Appendix G CEMS log
	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Annual RATA
C. Method of monitoring: -Annual compliance certification - CEM installed for NOx and CO - Relative Accuracy (RA) test for CEMs every twelve Months and NOx, CO and O2 monitored ARB Method 100. Exhaust flow monitored ARB Method 2 - Monthly reports have been submitted, summary attached.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): I H. *Excursions, exceedances, or other non-compliance? (Y or N): Y *If yes, attach Deviation Summary Form

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

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

A. Attachment # or Permit Condition #: **PO0036PC2 Condition 6**	D. Frequency of monitoring:
B. Description: CEMS Data	CEM continuous data collections during affected source operating hours.
	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Not Applicable
C. Method of monitoring: CEMs measure concentration in parts per million by volume (ppmv) and calculates mass emission rates to pounds per hour (lb/hr).	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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

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

A. Attachment # or Permit Condition #:**PO0036PC3 Condition 2**	D. Frequency of monitoring: Annual- See Attached Source Test Form
B. Description: Particulate matter emission limits for Kilns 3 and 4	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable CARB Method 5
C. Method of monitoring: Particulate emissions are limited to 0.2748 lb/ton of light weight aggregate process for each kiln #3 and Kiln #4. Testing by CARB Method 5 to be done once every twelve months.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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

A. Attachment # or Permit Condition #:**PO0036PC3 Condition 4**	D. Frequency of monitoring:
B. Description: Opacity limits for Kilns 3 and 4	Broken Bag house Leak Detector monitored during affected source operation hours.
	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable EPA Method 9
C. Method of monitoring: Permittee shall not discharge into atmosphere more than three minutes in one hour darker than Ringelmann No. 1 or 20% opacity. The 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)	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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

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A. Attachment # or Permit Condition #:**PO0036PC3 Condition 6**	D. Frequency of monitoring:
B. Description: Particulate matter limits per VCAPCD Rule 52 and Rule 53 for Kilns 3 and 4.	Annual Stack test- Per Condition 2
	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring: Annual stack testing CARB Method 5. Permit PO0036PC3 Condition 2 is deemed more strict than Rule 52 and Rule 53 so monitoring requirements for that rule meet this requirement (as stated by Po0036PC3 Condition 7).	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #:**PO0036PC3 Condition 7**	D. Frequency of monitoring:
B. Description: Particulate matter limits per VCAPCD Rule 52 and Rule 53 for Kilns 3 and 4. Compliance evaluation Condition. Stating Permit PO0036PC3 Condition 2 is more stringent than Rule 52 and Rule 53 and Condition 2 shall be used for Rule 52 and 53.	Annual- See Attached Source Test Form
	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable CARB Method 5
C. Method of monitoring: Annual stack testing CARB Method 5 per Permit PO0036PC3 Condition 2.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #:**PO0036PC3 Condition 8**	D. Frequency of monitoring:
B. Description: Particulate Matter emission limits and recordkeeping for CAM for Kilns 3 and 4.	Annual- See Attached Source Test Form
	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable CARB Method 5
C. Method of monitoring: Recordkeeping logs for daily inspections, baghouse pressure drop and baghouse temperatures. Installation of baghouse leak detector with semi-annual inspections. Annual CARB Method 5 testing and as needed EPA Method 9	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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

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

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

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

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

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

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

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

A. Attachment # or Permit Condition #:**PO0036PC6**	D. Frequency of monitoring: Quarterly analysis attached in Appendix D
B. Description: Finish Product moisture content shall be maintained at greater than or equal to 3% moisture by weight.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring: Quarterly sampling from belts #25 and #26 using current version of ASTM Test Method C 566. Quarterly reports submitted with annual certification.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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A. Attachment # or Permit Condition #:**PO0036PC7 Conditions 1, 2, 5 and 6**	D. Frequency of monitoring:
B. Description: 40 CFR Part 60 Subpart OOO visual dust limits and Monitoring	Quarterly Readings are Attached in Appendix E
	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring: Quarterly dust evaluation of affected sources per applicable emissions limits in Rule 50 and 40 CFR Part 60 Subpart OOO requirements utilizing EPA Method 9 or other test methods as approved by VCAQMD.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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

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

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A. Attachment # or Permit Condition #:**PO00036PC8 Conditions 4, 5 and 6**	D. Frequency of monitoring:
B. Description: Particulate Matter Emissions visible emissions limit of 20% for Finish End Baghouse Inspections and Recordkeeping.	Recordkeeping Daily, Weekly and Quarterly. Attached in Appendix E
	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring: Recordkeeping of baghouse inspections and maintenance on a daily, weekly and quarterly basis. Logs to be kept on-site for VCAPCD review or request.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #:**PO00036PC9 Conditions 1, 2, 3, 4, 6, 8, 9, 10, 11**	D. Frequency of monitoring:
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.	Annual RATA and source testing. Hourly CEM emissions recordkeeping and lime usage.
	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable See Attached Source Test Form Annual RATA
C. Method of monitoring: Install and maintain a Sox CEM system and perform annual RATA and Source Testing. CEM recordkeeping to have hourly and annual Sox emissions calculated. Installation of lime injections system and recordkeeping of hourly lime usage rates.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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

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A. Attachment # or Permit Condition #: **Attachment 50- Rule 50 - Opacity Condition 1**	D. Frequency of monitoring:
B. Description: General Applicable Requirements No discharge from any single source air contaminants for period aggregating more than three (3) minutes that are darker in shade than Ringelmann Chart - No 1 as published by the US Bureau of Mines, unless exempted by Rule 50	Annual (compliance certification) and per requirement shown below in Conditions 2,3, and 4
	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring : Routine, periodic surveillance and visual inspections with details per Conditions No 2, # 3., and # 4 Annual Compliance Certification	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form
A. Attachment # or Permit Condition #: **Attachment 50 – Rule 50-Opacity –Condition 2**	D. Frequency of monitoring:
B. Description: General Applicable Requirements Periodic survey and visual inspections. A record shall be kept of visible emissions other than uncombined water greater than 0 % for periods aggregating more than three (3) minutes in any one hour. Records shall include the date , time and identity of emissions unit. If visible emission problem cannot be corrected within 24 hour, permittee shall provide verbal notification to the District within the subsequent 24 hours	Annual (compliance certification) and periodic routine surveys and inspections
	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Not applicable
C. Method of monitoring: Periodic surveys and visual inspection. . Records maintained on site and submitted to the District upon request Annual compliance certification	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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

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A. Attachment # or Permit Condition #: #: **Attachment50Rule 50 Condition 4**	D. Frequency of monitoring:
B. Description: General Applicable Requirements Maintain and implement a Fugitive Dust Reduction Plan (FDRP). The FDRP shall include use of dust suppressant or chemical stabilizer, use of paved area rumble gates or gravel pads to minimize trackout, and use of posted speed limits on unpaved haul roads	Annual (compliance certification) and Per FDRP E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable No t applicable
C. Method of monitoring: General Applicable Requirements Annual Compliance certification; Records and Reports shall be maintained at the facility (and submitted to the District upon request). Monitoring, Record keeping and report required by FDRP. Fugitive Dust Plan was prepared prior to June 30, 2006. Records are maintained for application of water and routine plant surveillance	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #:**Attachment 54 .B.1-36 Rule 54.B.1**	D. Frequency of monitoring:
B. Description: General Applicable Requirements Per Rule 54, for units excluding Kiln No 3 and Kiln no 4, that combust gas or liquid fuels. No discharge of sulfur compounds (that are liquid or gas at standard conditions) in excess of 300 ppm by volume from any combustion operation	Annual (compliance certification) E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
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)	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #:**Attachment 54.B.2-Sulfur compounds**	D. Frequency of monitoring:
B. Description: General Applicable Requirements Rule 54 B.2-36- Sulfur compounds from combustion units excluding Kiln3 and Kiln 4 Sulfur compounds that are gas or liquid at standard condition shall no results in average ground or sea level concentrations at or beyond the property line in excess of 0.254 ppmv averaged over 1 hour or 0.04 ppmv averaged over any 24-hour period Upon District request, determine ground or sea levels concentrations of SO2	Annual (compliance certification) E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Not test requested, If applicable use SO2 via BAAQMD Manual of Procedures
C. Method of monitoring: Annual Compliance Certification This facility is not required to maintain fuel or exhaust analysis to demonstrate compliance with Rule 54B.2 because there are no additional process combustion emission units and Kiln #3 and Kiln #4 are excluded.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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

A. Attachment # or Permit Condition **#:Attachment 64.B.2 -Sulfur Content Liquid Fuels**	D. Frequency of monitoring: Annual (compliance certification)
B. Description: General Applicable Requirements Rule 64.B.2 Sulfur Content of Fuel-Liquid Fuel Requirements No burning of liquid fuels with a sulfur content in excess of 0.5 percent by weight If only ARB-quality reformulated gasoline or ARB-certified diesel fuel is combusted at the facility , it will be assumed that the permitted is complying with Rule 64 without additional periodic monitoring requirements. But records must be maintained to substantiate the use of these	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Not applicable
C. Method of monitoring: Annual compliance certification. Facility only uses ARB –certified liquid fuels and maintains records of the fuels. If other than ARB-quality reformulated gasoline of ARB-certified diesel fuels is being combusted, the permitted shall obtain the fuel supplier's certification of shall test the sulfur content of the fuel and the Fuel supplier's certification or fuel test per each delivery shall be submitted with annual compliance certifications	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #:**Attachment 74.6**	D. Frequency of monitoring: Annual (compliance certification)
B. Description: General Applicable Requirements Rule 74.6 Solvent cleaning and degreasing Maintain current solvent information Routine surveillance of solvent cleaning activities. Upon request, solvent testing If applicable, measurement of freeboard height and drain hole area for cold cleaners	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Not applicable
C. Method of monitoring: Annual compliance certification; Maintain current solvent information The facility uses non-ROC and aerosol can solvents exempt per Condition 11 - Only surface cleaners with non-reactive organic compounds (i.e. non-ROCs) are used (citrus oil based). The facility maintains records showing the solvents used.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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A. Attachment # or Permit Condition #:**Attachment 74.11.1 Water Heaters and Boilers**	D. Frequency of monitoring:
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.	Annual (compliance certification) E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Not applicable
C. Method of monitoring: Annual compliance certification N/A there are no water heaters, boilers, steam generators or process heaters with a rated heat input capacity of greater than 75,000 BTU/hr at this stationary source. May apply to future installation of large water heater or small boilers.	F. Currently in Compliance? (Y or N): ___Y___ G. Compliance Status? (C or I): ___C___ H. *Excursions, exceedances, or other non-compliance? (Y or N): ___N___ *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #:**Attachment 74.22 Central Furnace**	D. Frequency of monitoring:
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.	Annual (compliance certification) E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Not applicable
C. Method of monitoring: Annual compliance certification Not required. Applicable to potential future installations. Exempt per Condition 3 – All current heaters were installed prior to May 31, 1994.	F. Currently in Compliance? (Y or N): ___Y___ G. Compliance Status? (C or I): ___C___ H. *Excursions, exceedances, or other non-compliance? (Y or N): ____N__ *If yes, attach Deviation Summary Form

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

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A. Attachment # or Permit Condition #: **Attachment 74.2**	D. Frequency of monitoring:
B. Description: Rule 74.2 Architectural Coating he VOC content of architectural coatings shall not exceed the following standards, unless exempt:VOC in flat coatings less than 100 grams/liter ; VOC in nonflat coating <+150 grams/liter of coating, excluding water, exempt compounds and colorant; Voc content of nonflat-high-gloss coatings <+ 250 grams per liter of coating, excluding water , exempt organics and t.	Annual (compliance certification) and routine periodic monitoring E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable VOC: EPA Method 24 /CARB Method 432;Acid Content: ASTM D1613-95; Metal: SCAQMD 311-91
C. Method of monitoring: Annual compliance certification ; Routine surveillance Periodic inspection of coatings used for containers with volumes > 1 liter and excluding aerosol coatings; Maintain VOC records of inspections and actions taken, including maintain records of VOC content for non-exempt coatings used at the site , if any . Submit information upon district upon request.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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

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

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

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

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

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A Attachment # **40 CFR Part 60, Subpart OOO (4.22.08) Condition #4**	D. Frequency of monitoring:
B. Description: Any transfer point on an enclosed conveyor belt must comply with the above limits or the enclosure must have no visible emissions except from a vent. The vent shall comply with the limits of condition #1.	Annual certification; Routine periodic visible emission monitoring
	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Not Applicable
C. Method of monitoring: Annual certificationt Routine periodic visible emission monitoring	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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

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

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

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

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

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

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

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

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A. Attachment # or Permit Condition #: **Attachment 55- Rule 55: Fug. Dust ,Condition 1**	D. Frequency of monitoring:
B. Description: Per Applicable Requirements of Rule 55.B.1 No discharge of fugitive dust from applicable source visible more than 50 feet from the property boundary or more than midway across adjacent roadway	Annual (compliance certification) and routine periodic surveillance
	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring : Routine, periodic surveillance and visual inspections Annual Compliance Certification. Monitoring, Record keeping and report required by Fugitive Dust Reduction Plan FDRP). The FDRP includes use of dust suppressant/ chemical stabilizer, use of paved area or gravel pads to minimize track-out, and use of posted speed limits on unpaved haul roads	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form
A. Attachment # or Permit Condition #: **Attachment 55 –Rule 55 -Fug. Dust, Condition 2**	D. Frequency of monitoring:
B. Description: Per General Applicable Requirements Rule 55.B.2 No discharge of fugitive dust from applicable source such that emission from source creates greater than 20% opacity for more than 3 minutes (cumulative) within 1 hour.	Annual (compliance certification) and periodic inspections..
	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable. Not applicable
C. Method of monitoring: Periodic routine visual inspection. Annual compliance certification	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: **Attachment 55-Rule 55 Fug. Dust –Condition 3**	D. Frequency of monitoring: Periodic visual inspection and annual compliance certification
B. Description: General Applicable Requirements per Rule 55.B.3 No track-out to extend 25 feet or more in length unless specific control measure is utilized: either track-out area improvement, track-out prevention, or track-out removal	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Not applicable
C. Method of monitoring: Records and periodic inspection. Annual compliance certification	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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A. Attachment # or Permit Condition #: #: **Attachment55-Rule 55 Fug Dust, Condition 4**	D. Frequency of monitoring:
B. Description: General Applicable Requirements per Rule 55.B.3.b All track-out to be removed at end of each operating day , per conditions in Rule 55 B.3.b	Annual (compliance certification)
	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable No t applicable
C. Method of monitoring: General Applicable Requirements Annual Compliance certification; Records and Reports maintained at the facility	F. Currently in Compliance? (Y or N): __Y____ G. Compliance Status? (C or I): ___C___ H. *Excursions, exceedances, or other non-compliance? (Y or N): __N____ *If yes, attach Deviation Summary Form

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

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

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

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

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

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Period Covered by Compliance Certification: **04/ 01 /12** (MM/DD/YY) to **03/31 /13** (MM/DD/YY)

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

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

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

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Period Covered by Compliance Certification: **04/ 01 /12** (MM/DD/YY) to **03/31 /13** (MM/DD/YY)

A. Attachment # or Permit Condition #: **PO00035PC10-rev261-Condition 4**	D. Frequency of monitoring:
B. Description: Opacity limits Per Rule 50, no discharge of air contaminants for more than 3 minutes (cumulative) in any hour ta are equal or greater than 20% opacity	Annual (compliance certification and routine periodic monitoring
	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring: Annual compliance certification ; Routine surveillance records of periodic monitoring	F. Currently in Compliance? (Y or N): ___Y___ G. Compliance Status? (C or I): ___C___ H. *Excursions, exceedances, or other non-compliance? (Y or N): ___N___ *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: **PO00035PC10-rev261-Condition 5**	D. Frequency of monitoring:
B. Description: Daily baghouse pressure drop records,; inspection of access doors, exhaust outlet, screw conveyor for visible emissions, and records to document no visible emission greater than 3 minutes (cumulative) in one hour; compressed air system checks, screw conveyor outlet checks. Weekly cleaning sequence cycle time for Dust collector; compressed airline check; and baghouse inlet duct check for visible emissions, with visible emission records maintained at facility. At least 4 times per year (greater tan 60 day apart) inspection with kilns shut down of filter element and housing, and of screw conveyor	Annual Compliance certification, daily, weekly, quarterly
	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring: Annual Compliance certification	F. Currently in Compliance? (Y or N): ____Y__ G. Compliance Status? (C or I): ____C__ H. *Excursions, exceedances, or other non-compliance? (Y or N): _____N_ *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: **PO00035PC10-rev261-Condition 6**	D. Frequency of monitoring:
B. Description: Recordkeeping for Raw Mill Bag house To show compliance with Condition 5, keep records of inspections and maintenance in a log that has the date, time and initials of person performing corrective measures. Record date and time of baghouse cleanings.	Annual compliance certification and update log per periodic inspection and maintenance schedules
	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring: Annual Compliance Certification ; Keep log at facility and available upon request of the District.	F. Currently in Compliance? (Y or N): ___Y___ G. Compliance Status? (C or I): ___C___ H. *Excursions, exceedances, or other non-compliance? (Y or N): ___N___ *If yes, attach Deviation Summary Form

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Period Covered by Compliance Certification: **04/ 01 /12** (MM/DD/YY) to **03 /31 /13** (MM/DD/YY)

A. Attachment # or Permit Condition Permit Condition 00036 PC11 ,**Condition 1**	D. Frequency of monitoring:
B. Description: Per section 3 of permit1 Permitted material processed at portable screening plant shall not exceed 1,080 ,000 tons per year	Annual (compliance certification) and operating records
	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring : Routine, periodic surveillance and visual inspections Annual Compliance Certification. Monitoring; Operating records	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form
A. Attachment # or Permit Condition #: PO00036PC11 **Condition 2**	D. Frequency of monitoring:
B. Description: Only use of electric Power Electrical power only; no use of diesel engines	Annual (compliance certification) and periodic inspections..
	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable. Not applicable
C. Method of monitoring: The equipment has no diesel engine and is properly connected to plant electrical power source. Annual compliance certification	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: **PO00036PC11 –Condition 3**	D. Frequency of monitoring: Periodic (at least every 6 months) water content sampling, (dated) and annual compliance certification
B. Description: Water spray or equivalent moisture content control >= 3% by weight Water content samples No track-out to extend 25 feet or more in length unless specific control measure is utilized: either track-out area improvement, track-out prevention, or track-out removal	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Not applicable
C. Method of monitoring: Moisture content results (dated) submitted annul with ACC (Appendix H) Annual compliance certification	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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Period Covered by Compliance Certification: **04/ 01 /12**(MM/DD/YY) to **03/31 /13** (MM/DD/YY)

A. Attachment # or Permit Condition #: #: PO**000PC11, Condition 4**	D. Frequency of monitoring:
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,	Annual (compliance certification) E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable No visible emission observed
C. Method of monitoring: General Applicable Requirements Annual Compliance certification VCAPCD inspection did not observe visible emissions.	F. Currently in Compliance? (Y or N): __Y____ G. Compliance Status? (C or I): ___C___ H. *Excursions, exceedances, or other non-compliance? (Y or N): __N____ *If yes, attach Deviation Summary Form

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

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

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Period Covered by Compliance Certification: **04/ 01 /12** (MM/DD/YY) to **03 /31 /13** (MM/DD/YY)

A. Attachment # or Permit Condition #:	B. Equipment description:	C. Deviation Period: Date & Time
PO0036PC2 Condition 3	SO2, GM-31 CEMS Kiln #4	Begin: 4/20/12 9:00am End: 4/20/12 13:00pm. When Discovered: Date & Time 4/20/12
D. Parameters monitored: SO2, kiln #4	E. Limit: 8.28 lbs/hr	F. Actual: Not Applicable
G. Probable Cause of Deviation: See attached Log	H. Corrective actions taken: See attached log	

A. Attachment # or Permit Condition #:	B. Equipment description:	C. Deviation Period: Date & Time
PO0036PC2 Condition 3	SO2 GM-31 CEMS Kiln #3	Begin: 03:00 on 6/5/12 End: 03:00 on 6/5/12 When Discovered: Date & Time 04:00 on 6/5/12
D. Parameters monitored: Auto calibration	E. Limit: 7.61lbs/hr	F. Actual: Not Applicable
G. Probable Cause of Deviation: See attached Log	H. Corrective actions taken: See attached Log	

A. Attachment # or Permit Condition #:	B. Equipment description:	C. Deviation Period: Date & Time
PO0036PC2 condition 3	SO2 GM-31 CEMS Kiln #4	Begin: 6/5/12 13:00pm End: 6/6/12 07:00am When Discovered: Date & Time 7/12 when pulling data for monthly
D. Parameters monitored: SO2 Kiln #3	E. Limit: 8.28 lbs/hr	F. Actual: Not Applicable
G. Probable Cause of Deviation: See attached Log	H. Corrective actions taken: See attached Log	

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Period Covered by Compliance Certification: **04/ 01 /12** (MM/DD/YY) to **03 /31 /13** (MM/DD/YY)

A. Attachment # or Permit Condition #:	B. Equipment description:	C. Deviation Period: Date & Time
PO0036PC2 Condition 3	SO2 GM-31 CEMS kiln #4	Begin: 12/6/11 9:49am End: 12/7/11 04:48am. When Discovered: Date & Time
D. Parameters monitored:	E. Limit:	F. Actual:
Auto Calibration	8.28lbs/hr	Not Applicable
G. Probable Cause of Deviation:	H. Corrective actions taken:	
See attached Log	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:	

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Period Covered by Compliance Certification: **04/ 01 /12** (MM/DD/YY) to **03 /31 /13** (MM/DD/YY)

A. Attachment # or Permit Condition #:	B. Equipment description:	C. Deviation Period: Date & Time
PO0036PC2 Condition 3	NOx, GM-31 CEMS	Begin: 4/20/12 9:00am End: 4/20/12 13:00pm. When Discovered: Date & Time 4/20/12
D. Parameters monitored: NOx, kiln #4	E. Limit: 6.9 lbs/hr	F. Actual: Not Applicable
G. Probable Cause of Deviation: See attached Log	H. Corrective actions taken: See attached log	

A. Attachment # or Permit Condition #:	B. Equipment description:	C. Deviation Period: Date & Time
PO0036PC2 Condition 3	NOx GM-31 CEMS Kiln #3	Begin: 03:00 on 6/5/12 End: 03:00 on 6/5/12 When Discovered: Date & Time 04:00 on 6/5/12
D. Parameters monitored: Auto calibration	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
PO0036PC2 condition 3	Nox GM-31 CEMS Kiln #4	Begin: 6/5/12 13:00pm End: 6/6/12 07:00am When Discovered: Date & Time 7/12 when pulling data for monthly
D. Parameters monitored: SO2 Kiln #3	E. Limit: 7.61 lbs/hr	F. Actual: Not Applicable
G. Probable Cause of Deviation: See attached Log	H. Corrective actions taken: See attached Log	

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DEVIATION SUMMARY FORM

Period Covered by Compliance Certification: **04/ 01 /12** (MM/DD/YY) to **03 /31 /13** (MM/DD/YY)

A. Attachment # or Permit Condition #:	B. Equipment description:	C. Deviation Period: Date & Time
PO0036PC2 Condition 3	SO2 GM-31 CEMS kiln #4	Begin: 12/6/11 9:49am End: 12/7/11 04:48am. When Discovered: Date & Time
D. Parameters monitored: Auto Calibration	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:	

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SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: **04/ 01 /12** (MM/DD/YY) to **03 /31 /13** (MM/DD/YY)

A. Emission Unit Description:			B. Pollutant:
Kiln #3- NOx Compliance Testing (three run average)			NOx
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
3.13 lbs/hr	6.9 lbs/hr PO00036PC2	TRC Stack Test Firm Report Dated August 3, 2012	June 21, 2012

A. Emission Unit Description:			B. Pollutant:
Kiln #3- NOx (RATA Results – ppm, dry)			NOx
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
6.55% Relative Accuracy	20% RA	TRC Stack Test Firm Report Dated August 3, 2012	June 21, 2012

A. Emission Unit Description:			B. Pollutant:
Kiln #3- NOx (RATA Results – lb/hr)			NOx
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	G. Test Date:
10.15 Relative Accuracy	20% RA	TRC Stack Test Firm Report Dated August 3, 2012	June 21, 2012

A. Emission Unit Description:			B. Pollutant:
Kiln #3 – CO Compliance Testing (three run average)			CO
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
26.5 ppmv	2000 ppmv PO00036PC2	TRC Stack Test Firm Report Dated August 3, 2012	June 22, 2012

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Period Covered by Compliance Certification: **04/ 01 /12** (MM/DD/YY) to **03 /31 /13** (MM/DD/YY)

A. Emission Unit Description:			B. Pollutant:
Kiln #3 – CO (RATA Results – ppm – average of test June 21)			CO
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
0.59% Relative Accuracy *Using Applicable Standard	10% RA	TRC Stack Test Firm Report Dated August 3, 2012	June 22, 2012

A. Emission Unit Description:			B. Pollutant:
Kiln #3 – CO (RATA Results – lb/hr)			CO
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
3.19% Relative Accuracy *Using Applicable Standard	10% RA	TRC Stack Test Firm Report Dated August 3, 2012	June22, 2012

A. Emission Unit Description:			B. Pollutant:
Kiln #3 – PM10 Compliance Testing (three run average)- Rule 52			PM10
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
.0105 gr/dscf	.065 gr/dscf Rule 52	TRC Stack Test Firm Report Dated August 3, 2012	June 22, 2012

A. Emission Unit Description:			B. Pollutant:
Kiln #3 – PM10 Compliance Testing (three run average)- Rule 53			PM10
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
1.76 lbs/hr	12.54 lbs/hr Rule 53	TRC Stack Test Firm Report Dated August 3, 2012	June22, 2012

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Period Covered by Compliance Certification: **04/ 01 /12** (MM/DD/YY) to **03 /31 /13** (MM/DD/YY)

A. Emission Unit Description:			B. Pollutant:
Kiln #3 – PM Compliance Testing (three run average)- PO00036PC3			PM
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
0.152 lbPM/Ton Product	0.2748 lbPM/Ton Product PO00036PC	TRC Stack Test Firm Report Dated August 3, 2012	June 22, 2012

A. Emission Unit Description:			B. Pollutant:
Kiln #3 – Stack Flow (RATA Results dscfm)			Stack Flow
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
3.72% Relative Accuracy	20%	TRC Stack Test Firm Report Dated August 3, 2012	June 22, 2012

A. Emission Unit Description:			B. Pollutant:
Kiln #3 – SO_2 Compliance Testing (three run average)			SO_2
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
2.15 lb/hr	7.61 lb/hr PO00036PC9	TRC Stack Test Firm Report Dated August 3, 2012	June 22, 2012

A. Emission Unit Description:			B. Pollutant:
Kiln #3 – SO_2 (RATA Results - ppm, dry)			SO_2
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
8.89% Relative Accuracy	20% RA	TRC Stack Test Firm Report Dated August 3, 2012	June 22, 2012

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Period Covered by Compliance Certification: **04/ 01 /12** (MM/DD/YY) to **03 /31 /13** (MM/DD/YY)

A. Emission Unit Description:			B. Pollutant:
Kiln #3 – SO_2 (RATA Results – lb/hr)			SO_2
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
8.58% Relative Accuracy	20% RA	TRC Stack Test Firm Report Dated August 3, 2012	June 22, 2012

A. Emission Unit Description:			B. Pollutant:
Kiln #4 – NOx Compliance Testing (three run average)			NOx
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
4.76 lb/hr	5.6 lb/hr PO00036PC2	TRC Stack Test Firm Report Dated August 3, 2012	June 22, 2012

A. Emission Unit Description:			B. Pollutant:
Kiln #4 – NOx (RATA Results – ppm, dry)			NOx
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
3.37% Relative Accuracy	20% RA	TRC Stack Test Firm Report Dated August 3, 2012	June 22, 2012

A. Emission Unit Description:			B. Pollutant:
Kiln #4 – NOx (RATA Results – lb/hr)			NOx
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
10.75% Relative Accuracy	20% RA	TRC Stack Test Firm Report Dated August 3, 2012	June 22, 2012

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Period Covered by Compliance Certification: **04/ 01 /12** (MM/DD/YY) to **03 /31 /13** (MM/DD/YY)

A. Emission Unit Description:			B. Pollutant:
Kiln #4 – CO Compliance Testing (three run average)			CO
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
46.3 ppmv	2000 ppmv PO00036PC2	TRC Stack Test Firm Report Dated August 3, 2012	June 22, 2012

A. Emission Unit Description:			B. Pollutant:
Kiln #4 – CO (RATA Results – ppm, dry)			CO
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
0.59% Relative Accuracy	10% RA	TRC Stack Test Firm Report Dated August 3, 2012	June 22, 2012

A. Emission Unit Description:			B. Pollutant:
Kiln #4 – CO (RATA Results – lb/hr)			CO
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
3.92% Relative Accuracy	10% RA	TRC Stack Test Firm Report Dated August 3, 2012	June 22, 2012

A. Emission Unit Description:			B. Pollutant:
Kiln #4 – SO_2 Compliance Testing (Three run average)			SO_2
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
2.99 lb/hr	8.28 lbs/hr PO000PC9	TRC Stack Test Firm Report Dated August 3, 2012	June 22, 2012

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Period Covered by Compliance Certification: **04/ 01 /12** (MM/DD/YY) to **03 /31 /13** (MM/DD/YY)

A. Emission Unit Description:			B. Pollutant:
Kiln #4 – SO_2 (RATA Results – ppm, dry)			SO_2
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
9.62% Relative Accuracy	20% RA	TRC Stack Test Firm Report Dated August 3, 2012	June 22, 2012

A. Emission Unit Description:			B. Pollutant:
Kiln #4 – SO_2 (RATA Results – lb/hr)			SO_2
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
8.29% Relative Accuracy	20% RA	TRC Stack Test Firm Report Dated August 3, 2012	June 22, 2012

A. Emission Unit Description:			B. Pollutant:
Kiln #4 – PM10 Compliance Testing (Three run average)-Rule 52			PM10
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
0.0227 gr/dscf	0.072 gr/dscf	TRC Stack Test Firm Report Dated August 3, 2012	June 22, 2012

A. Emission Unit Description:			B. Pollutant:
Kiln #4 – PM10 Compliance Testing (Three run average)-Rule 53			PM10
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
2.47 lb/hr	21.84 lb/hr	TRC Stack Test Firm Report Dated August 3, 2012	June 22, 2012

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A. Emission Unit Description:			B. Pollutant:
Kiln #4 – PM Compliance Testing (Three run average)-PCO00036PC3			PM
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
0.0001 lbPM/Ton of Product	0.2748 lbPM/Ton of Product	TRC Stack Test Firm Report Dated August 3, 2012	June 22, 2012

A. Emission Unit Description:			B. Pollutant:
Kiln #4 – Stack Flow (RATA Results – dscfm)			Stack Flow
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
11.14% Relative Accuracy	20%	TRC Stack Test Firm Report Dated August 3, 2012	June 22, 2012

A. Emission Unit Description:			B. Pollutant:
Raw Mill Baghouse – PM10 Compliance Testing (Three run average) Rule 52			PM10
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
0.0052 gr/dscf	0.081 gr/dscf	TRC Stack Test Firm Report Dated August 3, 2012	June 15, 2012

A. Emission Unit Description:			B. Pollutant:
Raw Mill Baghouse – PM10 Compliance Testing (Three run average) Rule 53			PM10
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
0.52 lb/hr	19.75 lb/hr	TRC Stack Test Firm Report Dated August 3, 2012	June 15, 2012

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Period Covered by Compliance Certification: **04/ 01 /12** (MM/DD/YY) to **03 /31 /13** (MM/DD/YY)

A. Emission Unit Description:			B. Pollutant:
Finish Mill Baghouse – PM10 Compliance Testing (Three run average) – Rule 52			PM10
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
0.0085 gr/dscf	0.17 gr/dscf	TRC Stack Test Firm Report Dated August 3, 2012	June 15, 2012

A. Emission Unit Description:			B. Pollutant:
Finish Mill Baghouse – PM10 Compliance Testing (Three run average) – Rule 53			PM10
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
0.267 lb/hr	15.35 lb/hr	TRC Stack Test Firm Report Dated August 3, 2012	June 15, 2012

APPENDIX A

PO0036PC1 Condition #1 and PO0036PC3 Condition #1

General Production and Throughput Data

Raw Material Extruded
Annual Lightweight Aggregate Produced

Biosoy Usage in raw clay Production 2012

	Biosoy used	Tons Extruded	Gal / Per Ton	Hours run	
1-Apr	0.0	0	0	0	
2-Apr	0.0	0	0	0	
3-Apr	0.0	0	0	0	
4-Apr	0.0	0	0	0	
5-Apr	0.0	0	0	0	
6-Apr	0.0	0	0	0	
7-Apr	0.0	0	0	0	
8-Apr	0.0	0	0	0	
9-Apr	0.0	0	0	0	
10-Apr	0.0	0	0	0	
11-Apr	0.0	0	0	0	
12-Apr	0.0	0	0	0	
13-Apr	0.0	0	0	0	
14-Apr	0.0	0	0	0	
15-Apr	0.0	0	0	0	
16-Apr	0.0	0	0	0	
17-Apr	115.5	328	0.352134146	7.7	328.02
18-Apr	265.5	754	0.352122016	17.7	754.02
19-Apr	259.5	737	0.352103121	17.3	736.98
20-Apr	297.0	843	0.352313167	19.8	843.48
21-Apr	211.5	601	0.351913478	14.1	600.66
22-Apr	160.5	456	0.351973684	10.7	455.82
23-Apr	168.0	477	0.352201258	11.2	477.12
24-Apr	109.5	311	0.352090032	7.3	310.98
25-Apr	247.5	703	0.352062589	16.5	702.9
26-Apr	226.5	643	0.352255054	15.1	643.26
27-Apr	225.0	639	0.352112676	15	639
28-Apr	10.5	30	0.352348993	0.7	29.82
29-Apr	142.5	405	0.351851852	9.5	404.7
30-Apr	171.0	486	0.351851852	11.4	485.64
Totals	2610	7412.8	0.352093676		

Biosoy Usage in raw clay Production 2012

May	Biosoy used	Tons Extruded	Gal / Per Ton	Hours run	
1-May	327.6	716	0.457541899	16.8	
2-May	370.5	809	0.457972806	19	
3-May	358.8	784	0.457653061	18.4	
4-May	290.6	635	0.457559055	14.9	
5-May	304.2	665	0.457443609	15.6	
6-May	288.6	630	0.458095238	14.8	
7-May	226.2	494	0.457894737	11.6	
8-May	314.0	686	0.457653061	16.1	
9-May	296.4	648	0.457407407	15.2	
10-May	255.5	558	0.457795699	13.1	
11-May	290.6	635	0.457559055	14.9	
12-May	259.4	567	0.457407407	13.3	
13-May	288.6	630	0.458095238	14.8	
14-May	234.0	511	0.457925636	12	
15-May	275.0	601	0.457487521	14.1	
16-May	195.0	426	0.457746479	10	
17-May	306.2	669	0.457623318	15.7	
18-May	298.4	652	0.457592025	15.3	
19-May	351.0	767	0.457627119	18	
20-May	280.8	613	0.458075041	14.4	
21-May	171.6	375	0.4576	8.8	
22-May	276.9	605	0.45768595	14.2	
23-May	276.9	605	0.45768595	14.2	
24-May	267.2	584	0.45744863	13.7	
25-May	275.0	601	0.457487521	14.1	
26-May	345.2	754	0.457758621	17.7	
27-May	288.6	630	0.458095238	14.8	
28-May	300.3	656	0.45777439	15.4	
29-May	232.1	507	0.457692308	11.9	
30-May	224.3	490	0.457653061	11.5	
31-May	354.9	775	0.457935484	18.2	
Totals	8823.75	19278	0.457710862		

Biosoy Usage in raw clay Production 2012

June	Biosoy used	Tons Extruded	Gal / Per Ton	Hours run	
1-Jun	148.5	728	0.203983516	9.9	
2-Jun	250.5	722	0.346952909	16.7	
3-Jun	207.0	597	0.346733668	13.8	
4-Jun	175.5	389	0.451156812	9	
5-Jun	0.0	0	#DIV/0!	0	
6-Jun	120.9	268	0.451119403	6.2	
7-Jun	251.6	558	0.450806452	12.9	
8-Jun	193.1	428	0.451051402	9.9	
9-Jun	401.7	891	0.450841751	20.6	
10-Jun	261.3	580	0.450517241	13.4	
11-Jun	321.8	714	0.450630252	16.5	
12-Jun	187.2	415	0.451084337	9.6	
13-Jun	56.6	125	0.4524	2.9	
14-Jun	142.4	316	0.450474684	7.3	
15-Jun	0.0	0	#DIV/0!	0	
16-Jun	0.0	0	#DIV/0!	0	
17-Jun	0.0	0	#DIV/0!	0	
18-Jun	0.0	0	#DIV/0!	0	
19-Jun	46.8	104	0.45	2.4	
20-Jun	216.5	480	0.4509375	11.1	
21-Jun	296.4	658	0.450455927	15.2	
22-Jun	0.0	0	0	0	
23-Jun	0.0	0	0	0	
24-Jun	0.0	0	0	0	
25-Jun	0.0	0	0	0	
26-Jun	0.0	0	0	0	
27-Jun	0.0	0	0	0	
28-Jun	0.0	0	0	0	
29-Jun	0.0	0	0	0	
30-Jun	0.0	0	0	0	
Totals	3277.5	7973	0.411074878		

Biosoy Usage in raw clay Production 2012

July	Biosoy used	Tons Extruded	Gal / Per Ton	Hours run	
1-Jul	0.0	0	0	0	
2-Jul	0.0	0	0	0	
3-Jul	0.0	0	0	0	
4-Jul	0.0	0	0	0	
5-Jul	0.0	0	0	0	
6-Jul	0.0	0	0	0	
7-Jul	0.0	0	0	0	
8-Jul	0.0	0	0	0	
9-Jul	0.0	0	0	0	
10-Jul	0.0	0	0	0	
11-Jul	0.0	0	0	0	
12-Jul	0.0	0	0	0	
13-Jul	0.0	0	0	0	
14-Jul	0.0	0	0	0	
15-Jul	0.0	0	0	0	
16-Jul	0.0	0	0	0	
17-Jul	0.0	0	0	0	
18-Jul	85.8	190	0.451578947	4.4	
19-Jul	321.8	714	0.450630252	16.5	
20-Jul	298.4	662	0.450679758	15.3	
21-Jul	259.4	575	0.451043478	13.3	
22-Jul	249.6	554	0.450541516	12.8	
23-Jul	312.0	692	0.450867052	16	
24-Jul	265.2	588	0.451020408	13.6	
25-Jul	273.0	606	0.45049505	14	
26-Jul	288.6	640	0.4509375	14.8	
27-Jul	257.4	571	0.450788091	13.2	
28-Jul	292.5	649	0.450693374	15	
29-Jul	247.7	549	0.451092896	12.7	
30-Jul	265.2	588	0.451020408	13.6	
31-Jul	0.0	0	#DIV/0!	0	
Totals	3416.4	7578	0.450831354		

Biosoy Usage in raw clay Production 2012

August	Biosoy used	Tons Extruded	Gal / Per Ton	Hours run	
1-Aug	0.0	0	0		
2-Aug	0.0	0	0		
3-Aug	0.0	0	0		
4-Aug	0.0	0	0		
5-Aug	0.0	0	0		
6-Aug	0.0	0	0		
7-Aug	0.0	0	0		
8-Aug	0.0	0	0		
9-Aug	0.0	0	0		
10-Aug	0.0	0	0		
11-Aug	0.0	0	0		
12-Aug	0.0	0	0		
13-Aug	0.0	0	0		
14-Aug	0.0	0	0		
15-Aug	0.0	0	0		
16-Aug	0.0	0	0		
17-Aug	0.0	0	0		
18-Aug	0.0	0	0		
19-Aug	0.0	0	0		
20-Aug	64.4	143	0.45	3.3	
21-Aug	333.5	740	0.450608108	17.1	
22-Aug	290.6	645	0.450465116	14.9	
23-Aug	376.4	835	0.450718563	19.3	
24-Aug	294.5	653	0.450918836	15.1	
25-Aug	312.0	692	0.450867052	16	
26-Aug	331.5	735	0.451020408	17	
27-Aug	288.6	640	0.4509375	14.8	
28-Aug	271.1	601	0.450998336	13.9	
29-Aug	282.8	627	0.450956938	14.5	
30-Aug	327.6	627	0.522488038	16.8	
31-Aug	156.0	346	0.450867052	8	
Totals	3328.65	7284	0.456981054		

Biosoy Usage in raw clay Production 2012

September	Biosoy used	Tons Extruded	Gal / Per Ton	Hours run	
1-Sep	0.0		#DIV/0!		
2-Sep	0.0		#DIV/0!		
3-Sep	0.0		#DIV/0!		
4-Sep	0.0		#DIV/0!		
5-Sep	0.0		#DIV/0!		
6-Sep	0.0		#DIV/0!		
7-Sep	0.0		#DIV/0!		
8-Sep	0.0		#DIV/0!		
9-Sep	0.0		#DIV/0!		
10-Sep	0.0		#DIV/0!		
11-Sep	0.0		#DIV/0!		
12-Sep	0.0		#DIV/0!		
13-Sep	0.0		#DIV/0!		
14-Sep	0.0		#DIV/0!		
15-Sep	0.0		#DIV/0!		
16-Sep	0.0		#DIV/0!		
17-Sep	0.0		#DIV/0!		
18-Sep	0.0		#DIV/0!		
19-Sep	193.1	428	0.451051402	9.9	428.274
20-Sep	269.1	597	0.450753769	13.8	596.988
21-Sep	282.8	627	0.450956938	14.5	627.27
22-Sep	331.5	735	0.451020408	17	735.42
23-Sep	74.1	164	0.451829268	3.8	164.388
24-Sep	87.8	195	0.45	4.5	194.67
25-Sep	99.5	221	0.45	5.1	220.626
26-Sep	140.4	311	0.451446945	7.2	311.472
27-Sep	146.3	324	0.451388889	7.5	324.45
28-Sep	286.7	636	0.450707547	14.7	635.922
29-Sep	312.0	692	0.450867052	16	692.16
30-Sep	220.4	489	0.450613497	11.3	488.838
Totals	2443.35	5419	0.450885772		

Biosoy Usage in raw clay Production 2012

October	Biosoy used	Tons Extruded	Gal / Per Ton	Hours run	
1-Oct	251.6	558	0.450806452	12.9	
2-Oct	239.9	532	0.450845865	12.3	
3-Oct	163.8	363	0.451239669	8.4	
4-Oct	265.2	588	0.451020408	13.6	
5-Oct	286.7	636	0.450707547	14.7	
6-Oct	319.8	709	0.451057828	16.4	
7-Oct	323.7	718	0.450835655	16.6	
8-Oct	158.0	350	0.451285714	8.1	
9-Oct	417.3	926	0.450647948	21.4	
10-Oct	263.3	584	0.450770548	13.5	
11-Oct	323.7	718	0.450835655	16.6	
12-Oct	146.3	324	0.451388889	7.5	
13-Oct	0.0	0	0	0	
14-Oct	0.0	0	0	0	
15-Oct	0.0	0	0	0	
16-Oct	0.0	0	0	0	
17-Oct	0.0	0	0	0	
18-Oct	0.0	0	0	0	
19-Oct	0.0	0	0	0	
20-Oct	0.0	0	0	0	
21-Oct	0.0	0	0	0	
22-Oct	0.0	0	0	0	
23-Oct	0.0	0	0	0	
24-Oct	0.0	0	0	0	
25-Oct	0.0	0	0	0	
26-Oct	0.0	0	0	0	
27-Oct	0.0	0	0	0	
28-Oct	0.0	0	0	0	
29-Oct	0.0	0	0	0	
30-Oct	0.0	0	0	0	
31-Oct	0.0	0	0	0	
Totals	3159	7006	0.450899229		

Biosoy Usage in raw clay Production 2012

November	Biosoy used	Tons Extruded	Gal / Per Ton	Hours run	
1-Nov	0.0	0	0	0	
2-Nov	0.0	0	0	0	
3-Nov	0.0	0	0	0	
4-Nov	0.0	0	0	0	
5-Nov	0.0	0	0	0	
6-Nov	0.0	0	0	0	
7-Nov	0.0	0	0	0	
8-Nov	0.0	0	0	0	
9-Nov	56.6	125	0.4524	2.9	
10-Nov	294.5	653	0.450918836	15.1	
11-Nov	278.9	618	0.451213592	14.3	
12-Nov	288.6	640	0.4509375	14.8	
13-Nov	366.6	813	0.450922509	18.8	
14-Nov	339.3	753	0.45059761	17.4	
15-Nov	317.9	705	0.450851064	16.3	
16-Nov	290.6	644	0.451164596	14.9	
17-Nov	159.9	355	0.450422535	8.2	
18-Nov	0.0	0	0	0	
19-Nov	0.0	0	0	0	
20-Nov	0.0	0	0	0	
21-Nov	0.0	0	0	0	
22-Nov	0.0	0	0	0	
23-Nov	0.0	0	0	0	
24-Nov	0.0	0	0	0	
25-Nov	0.0	0	0	0	
26-Nov	0.0	0	0	0	
27-Nov	0.0	0	0	0	
28-Nov	0.0	0	0	0	
29-Nov	0.0	0	0	0	
30-Nov	0.0	0	0	0	
Totals	2392.65	5306	0.450932906		

Biosoy Usage in raw clay Production 2012

December	Biosoy used	Tons Extruded	Gal / Per Ton	Hours run	
1-Dec	0.0		0		0
2-Dec	0.0		0		0
3-Dec	0.0		0		0
4-Dec	0.0		0		0
5-Dec	0.0		0		0
6-Dec	0.0		0		0
7-Dec	0.0		0		0
8-Dec	0.0		0		0
9-Dec	0.0		0		0
10-Dec	0.0		0		0
11-Dec	0.0		0		0
12-Dec	0.0		0		0
13-Dec	0.0		0		0
14-Dec	0.0		0		0
15-Dec	0.0		0		0
16-Dec	0.0		0		0
17-Dec	0.0		0		0
18-Dec	107.3	238.0	0.450630252	5.5	237.93
19-Dec	218.4	485.0	0.450309278	11.2	484.512
20-Dec	107.3	238.0	0.450630252	5.5	237.93
21-Dec	169.7	376.0	0.451196809	8.7	376.362
22-Dec	193.1	428.0	0.451051402	9.9	428.274
23-Dec	146.3	324.0	0.451388889	7.5	324.45
24-Dec	142.4	316.0	0.450474684	7.3	315.798
25-Dec	161.9	359.0	0.450835655	8.3	359.058
26-Dec	136.5	303.0	0.45049505	7	302.82
27-Dec	230.1	510.0	0.451176471	11.8	510.468
28-Dec	269.1	597.0	0.450753769	13.8	596.988
29-Dec	253.5	562.0	0.451067616	13	562.38
30-Dec	265.2	588.0	0.451020408	13.6	588.336
31-Dec	370.5	822.0	0.450729927	19	821.94
Totals	2770.95	6146	0.450854214		

Total Bio 44252

Biosoy Usage in raw clay Production 2013

January	Biosoy used	Tons Extruded	Gal / Per Ton	Hours run	
1-Jan	245.7	537	0.457541899	12.6	
2-Jan	271.1	592	0.45785473	13.9	
3-Jan	271.1	592	0.45785473	13.9	
4-Jan	230.1	503	0.457455268	11.8	
5-Jan	255.5	558	0.457795699	13.1	
6-Jan	197.0	430	0.458023256	10.1	
7-Jan	173.6	379	0.457915567	8.9	
8-Jan	273.0	596	0.458053691	14	
9-Jan	189.2	413	0.457990315	9.7	
10-Jan	154.1	337	0.457121662	7.9	
11-Jan	156.0	341	0.457478006	8	
12-Jan	101.4	222	0.456756757	5.2	
13-Jan	241.8	528	0.457954545	12.4	
14-Jan	177.5	388	0.457345361	9.1	
15-Jan	159.9	349	0.458166189	8.2	
16-Jan	163.8	358	0.457541899	8.4	
17-Jan	31.2	68	0.458823529	1.6	
18-Jan	0.0		#DIV/0!		
19-Jan	0.0		#DIV/0!		
20-Jan	0.0		#DIV/0!		
21-Jan	0.0		#DIV/0!		
22-Jan	0.0		#DIV/0!		
23-Jan	0.0		#DIV/0!		
24-Jan	0.0		#DIV/0!		
25-Jan	0.0		#DIV/0!		
26-Jan	0.0		#DIV/0!		
27-Jan	0.0		#DIV/0!		
28-Jan	0.0		#DIV/0!		
29-Jan	0.0		#DIV/0!		
30-Jan	0.0		#DIV/0!		
31-Jan	0.0		#DIV/0!		
Totals	3291.6	7191	0.45773884		

Biosoy Usage in raw clay Production 2013

	Biosoy used	Tons Extruded	Gal / Per Ton	Hours run	
1-Feb	0.0	0	0	0	
2-Feb	0.0	0	0	0	
3-Feb	0.0	0	0	0	
4-Feb	0.0	0	0	0	
5-Feb	0.0	0	0	0	
6-Feb	0.0	0	0	0	
7-Feb	0.0	0	0	0	
8-Feb	0.0	0	0	0	
9-Feb	0.0	0	0	0	
10-Feb	0.0	0	0	0	
11-Feb	0.0	0	0	0	
12-Feb	0.0	0	0	0	
13-Feb	0.0	0	0	0	
14-Feb	0.0	0	0	0	
15-Feb	0.0	0	0	0	
16-Feb	0.0	0	0	0	
17-Feb	0.0	0	0	0	
18-Feb	0.0	0	0	0	
19-Feb	0.0	0	0	0	
20-Feb	111.2	243	0.457407407	5.7	
21-Feb	210.6	460	0.457826087	10.8	
22-Feb	130.7	285	0.458421053	6.7	
23-Feb	163.8	358	0.457541899	8.4	
24-Feb	165.8	362	0.457872928	8.5	
25-Feb	276.9	604	0.458443709	14.2	
26-Feb	237.9	520	0.4575	12.2	
27-Feb	278.9	609	0.457881773	14.3	
28-Feb	185.3	405	0.457407407	9.5	
29-Feb					
Totals	1761	3846	0.457839314		

Biosoy Usage in raw clay Production 2013

	Biosoy used	Tons Extruded	Gal / Per Ton	Hours run	
1-Mar	325.7	711	0.458016878	16.7	
2-Mar	292.5	639	0.457746479	15	
3-Mar	302.3	660	0.457954545	15.5	
4-Mar	298.4	652	0.457592025	15.3	
5-Mar	349.1	763	0.457470511	17.9	
6-Mar	341.3	746	0.457439678	17.5	
7-Mar	282.8	618	0.457524272	14.5	
8-Mar	200.9	439	0.457517084	10.3	
9-Mar	0.0	0	0	0	
10-Mar	0.0	0	0	0	
11-Mar	0.0	0	0	0	
12-Mar	0.0	0	0	0	
13-Mar	0.0	0	0	0	
14-Mar	0.0	0	0	0	
15-Mar	0.0	0	0	0	
16-Mar	0.0	0	0	0	
17-Mar	0.0	0	0	0	
18-Mar	0.0	0	0	0	
19-Mar	0.0	0	0	0	
20-Mar	0.0	0	0	0	
21-Mar	0.0	0	0	0	
22-Mar	0.0	0	0	0	
23-Mar	0.0	0	0	0	
24-Mar	0.0	0	0	0	
25-Mar	0.0	0	0	0	
26-Mar	0.0	0	0	0	
27-Mar	0.0	0	0	0	
28-Mar	0.0	0	0	0	
29-Mar	0.0	0	0	0	
30-Mar	0.0	0	0	0	
31-Mar	0.0	0	0	0	
Totals	2392.65	5228	0.457660673		

Daily & Monthly Material Produced

12 Month rolling totals

April Production	Kiln #3 (tons)	Kiln #4 (tons)	Total
4/1/2012	0	0	0
4/2/2012	0	0	0
4/3/2012	0	0	0
4/4/2012	0	0	0
4/5/2012	0	0	0
4/6/2012	0	0	0
4/7/2012	0	0	0
4/8/2012	0	0	0
4/9/2012	0	0	0
4/10/2012	0	0	0
4/11/2012	0	0	0
4/12/2012	0	0	0
4/13/2012	0	0	0
4/14/2012	0	0	0
4/15/2012	0	0	0
4/16/2012	0	0	0
4/17/2012	19	20	40
4/18/2012	204	218	421
4/19/2012	210	222	432
4/20/2012	218	207	425
4/21/2012	208	162	369
4/22/2012	215	0	215
4/23/2012	214	0	214
4/24/2012	217	0	217
4/25/2012	220	140	361
4/26/2012	219	222	442
4/27/2012	218	230	448
4/28/2012	18	9	27
4/29/2012	194	187	381
4/30/2012	215	218	434
April Total	2,589	1,835	4,426

Apr-11	-
May-11	4,177
Jun-11	4,374
Jul-11	0
Aug-11	4,923
Sep-11	4,407
Oct-11	0
Nov-11	4,641
Dec-11	6,549
Jan-12	4,432
Feb-12	6,861
Mar-12	4,340
49,130	**monthy rolling**

May Production	Kiln #3 (tons)	Kiln #4 (tons)	Total		
5/1/2012	224	228	452		
5/2/2012	217	221	439		
5/3/2012	217	223	440		
5/4/2012	220	230	450		
5/5/2012	220	236	456		
5/6/2012	219	236	455		
5/7/2012	220	237	457		
5/8/2012	210	234	444		
5/9/2012	211	219	430		
5/10/2012	176	236	412		
5/11/2012	213	237	450		
5/12/2012	214	235	449		
5/13/2012	214	209	423		
5/14/2012	215	244	460		
5/15/2012	218	232	450		
5/16/2012	189	236	424		
5/17/2012	206	220	426		
5/18/2012	212	231	442		
5/19/2012	218	237	456		
5/20/2012	216	238	454		
5/21/2012	151	158	309		
5/22/2012	208	232	440		
5/23/2012	211	236	447		
5/24/2012	208	234	442		
5/25/2012	211	253	464		
5/26/2012	211	234	445		
5/27/2012	209	235	444		
5/28/2012	210	238	448		
5/29/2012	208	236	444		
5/30/2012	205	239	444		
5/31/2012	180	202	382		
May Total	6,461	7,116	13,578	**55,847**	**monthy rolling**

June Production	Kiln #3 (tons)	Kiln #4 (tons)	Total		
6/1/2012	204	245	449		
6/2/2012	197	237	433		
6/3/2012	186	226	412		
6/4/2012	0	36	36		
6/5/2012	67	234	301		
6/6/2012	61	0	61		
6/7/2012	209	173	381		
6/8/2012	205	224	429		
6/9/2012	209	241	450		
6/10/2012	209	240	449		
6/11/2012	209	241	450		
6/12/2012	74	242	585		
6/13/2012	4	92	96		
6/14/2012	139	0	139		
6/15/2012	0	0	0		
6/16/2012	0	0	0		
6/17/2012	0	0	0		
6/18/2012	0	0	0		
6/19/2012	0	0	0		
6/20/2012	167	177	344		
6/21/2012	207	217	423		
6/22/2012	188	198	386		
6/23/2012	0	0	0		
6/24/2012	0	0	0		
6/25/2012	0	0	0		
6/26/2012	0	0	0		
6/27/2012	0	0	0		
6/28/2012	0	0	0		
6/29/2012	0	0	0		
6/30/2012	0	0	0		
June Total	2,535	3,023	5,824	**54,157**	**monthy rolling**

July Production	Kiln #3 (tons)	Kiln #4 (tons)	Total		
7/1/2012	0	0	0		
7/2/2012	0	0	0		
7/3/2012	0	0	0		
7/4/2012	0	0	0		
7/5/2012	0	0	0		
7/6/2012	0	0	0		
7/7/2012	0	0	0		
7/8/2012	0	0	0		
7/9/2012	0	0	0		
7/10/2012	0	0	0		
7/11/2012	0	0	0		
7/12/2012	0	0	0		
7/13/2012	0	0	0		
7/14/2012	0	0	0		
7/15/2012	0	0	0		
7/16/2012	0	0	0		
7/17/2012	0	0	0		
7/18/2012	0	0	0		
7/19/2012	185	194	379		
7/20/2012	214	226	440		
7/21/2012	218	224	442		
7/22/2012	208	220	428		
7/23/2012	215	231	446		
7/24/2012	213	228	441		
7/25/2012	215	231	446		
7/26/2012	211	230	441		
7/27/2012	211	231	442		
7/28/2012	211	230	441		
7/29/2012	212	231	443		
7/30/2012	0	0	0		
7/31/2012	130	137	267		
July Total	2,443	2,613	5,056	**54,424**	**monthy rolling**

August Production	Kiln #3 (tons)	Kiln #4 (tons)	Total		
8/1/2012	170	230	401		
8/2/2012	249	221	471		
8/3/2012	218	233	452		
8/4/2012	204	220	423		
8/5/2012	213	229	443		
8/6/2012	214	231	444		
8/7/2012	169	220	389		
8/8/2012	211	230	442		
8/9/2012	210	226	435		
8/10/2012	206	230	436		
8/11/2012	221	227	448		
8/12/2012	205	209	415		
8/13/2012	117	128	245		
8/14/2012	0	0	0		
8/15/2012	0	0	0		
8/16/2012	0	0	0		
8/17/2012	0	0	0		
8/18/2012	0	0	0		
8/19/2012	0	0	0		
8/20/2012	0	0	0		
8/21/2012	0	0	0		
8/22/2012	0	0	0		
8/23/2012	0	0	0		
8/24/2012	0	0	0		
8/25/2012	0	0	0		
8/26/2012	0	0	0		
8/27/2012	0	0	0		
8/28/2012	0	0	0		
8/29/2012		0	0		
8/30/2012	0	0	0		
8/31/2012	0	0	0		
August Total	2,607	2,834	5,444	**54,945**	**monthy rolling**

September Product	Kiln #3 (tons)	Kiln #4 (tons)	Total		
9/1/2012	0	0	0		
9/2/2012	0	0	0		
9/3/2012	0	0	0		
9/4/2012	0	0	0		
9/5/2012	0	0	0		
9/6/2012	0	0	0		
9/7/2012	0	0	0		
9/8/2012	0	0	0		
9/9/2012	0	0	0		
9/10/2012	0	0	0		
9/11/2012	0	0	0		
9/12/2012	0	0	0		
9/13/2012	0	0	0		
9/14/2012	0	0	0		
9/15/2012	0	0	0		
9/16/2012	0	0	0		
9/17/2012	0	0	0		
9/18/2012	0	0	0		
9/19/2012	21	21	41		
9/20/2012	194	207	400		
9/21/2012	219	226	446		
9/22/2012	215	175	390		
9/23/2012	107	0	107		
9/24/2012	103	0	103		
9/25/2012	213	0	213		
9/26/2012	178		178		
9/27/2012	178	104	283		
9/28/2012	199	184	383		
9/29/2012	213	212	425		
9/30/2012	212	161	372		
September Total	2,052	1,290	3,341	**53,879**	**monthy rolling**

October Production	Kiln #3 (tons)	Kiln #4 (tons)	Total		
10/1/2012	210	208	418		
10/2/2012	183	146	330		
10/3/2012	218	24	242		
10/4/2012	201	198	399		
10/5/2012	218	224	442		
10/6/2012	221	230	451		
10/7/2012	221	230	452		
10/8/2012	217	228	444		
10/9/2012	213	214	427		
10/10/2012	213	237	449		
10/11/2012	219	233	451		
10/12/2012	0	0	0		
10/13/2012	0	0	0		
10/14/2012	0	0	0		
10/15/2012	0	0	0		
10/16/2012	0	0	0		
10/17/2012	0	0	0		
10/18/2012	0	0	0		
10/19/2012	0	0	0		
10/20/2012	0	0	0		
10/21/2012	0	0	0		
10/22/2012	0	0	0		
10/23/2012	0	0	0		
10/24/2012	0	0	0		
10/25/2012	0	0	0		
10/26/2012	0	0	0		
10/27/2012	0	0	0		
10/28/2012	0	0	0		
10/29/2012	0	0	0		
10/30/2012	0	0	0		
10/31/2012	0	0	0		
October Total	**2,334**	**2,172**	**4,505**	**58,384**	**monthy rolling**

November Producti	Kiln #3 (tons)	Kiln #4 (tons)	Total		
11/1/2012	0	0	0		
11/2/2012	0	0	0		
11/3/2012	0	0	0		
11/4/2012	0	0	0		
11/5/2012	0	0	0		
11/6/2012	0	0	0		
11/7/2012	0	0	0		
11/8/2012	0	0	0		
11/9/2012	0	0	0		
11/10/2012	178	166	344		
11/11/2012	218	215	433		
11/12/2012	220	222	442		
11/13/2012	215	229	445		
11/14/2012	221	229	451		
11/15/2012	212	219	431		
11/16/2012	220	236	457		
11/17/2012	218	237	455		
11/18/2012	24	7	31		
11/19/2012	0	0	0		
11/20/2012	0	0	0		
11/21/2012	0	0	0		
11/22/2012	0	0	0		
11/23/2012	0	0	0		
11/24/2012	0	0	0		
11/25/2012	0	0	0		
11/26/2012	0	0	0		
11/27/2012	0	0	0		
11/28/2012	0	0	0		
11/29/2012	0	0	0		
11/30/2012	0	0	0		
November Total	**1,726**	**1,760**	**3,489**	**57,232**	**monthy rolling**

December Producti	Kiln #3 (tons)	Kiln #4 (tons)	Total		
12/1/2012	0	0	0		
12/2/2012	0	0	0		
12/3/2012	0	0	0		
12/4/2012	0	0	0		
12/5/2012	0	0	0		
12/6/2012	0	0	0		
12/7/2012	0	0	0		
12/8/2012	0	0	0		
12/9/2012	0	0	0		
12/10/2012	0	0	0		
12/11/2012	0	0	0		
12/12/2012	0	0	0		
12/13/2012	0	0	0		
12/14/2012	0	0	0		
12/15/2012	0	0	0		
12/16/2012	0	0	0		
12/17/2012	0	0	0		
12/18/2012	0	0	0		
12/19/2012	0	215	215		
12/20/2012	0	221	221		
12/21/2012	0	212	212		
12/22/2012	0	230	230		
12/23/2012	0	219	219		
12/24/2012	0	225	225		
12/25/2012	0	230	230		
12/26/2012	0	227	227		
12/27/2012	7	219	226		
12/28/2012	217	159	376		
12/29/2012	185	220	405		
12/30/2012	211	213	425		
12/31/2012	214	210	424		
December Total	**834**	**2,800**	**3,635**	**44,369**	**monthy rolling**

January Production	Kiln #3 (tons)	Kiln #4 (tons)	Total		
1/1/2013	215	223	438		
1/2/2013	216	182	398		
1/3/2013	132	226	357		
1/4/2013	214	219	434		
1/5/2013	222	87	310		
1/6/2013	211	0	0		
1/7/2013	232	0	0		
1/8/2013	202	168	370		
1/9/2013	216	0	216		
1/10/2013	220	0	220		
1/11/2013	222	0	222		
1/12/2013	220	0	220		
1/13/2013	228	0	228		
1/14/2013	213	0	213		
1/15/2013	227	0	227		
1/16/2013	211	0	211		
1/17/2013	76	0	76		
1/18/2013	0	0	0		
1/19/2013	0	0	0		
1/20/2013	0	0	0		
1/21/2013	0	0	0		
1/22/2013	0	0	0		
1/23/2013	0	0	0		
1/24/2013	0	0	0		
1/25/2013	0	0	0		
1/26/2013	0	0	0		
1/27/2013	0	0	0		
1/28/2013	0	0	0		
1/29/2013	0	0	0		
1/30/2013	0	0	0		
1/31/2013	0	0	0		
January Total	**3,477**	**1,105**	**4,140**	**54,026**	**monthy rolling**

February Productio	Kiln #3 (tons)	Kiln #4 (tons)	Total		
2/1/2013	0	0	0		
2/2/2013	0	0	0		
2/3/2013	0	0	0		
2/4/2013	0	0	0		
2/5/2013	0	0	0		
2/6/2013	0	0	0		
2/7/2013	0	0	0		
2/8/2013	0	0	0		
2/9/2013	0	0	0		
2/10/2013	0	0	0		
2/11/2013	0	0	0		
2/12/2013	0	0	0		
2/13/2013	0	0	0		
2/14/2013	0	0	0		
2/15/2013	0	0	0		
2/16/2013	0	0	0		
2/17/2013	21	0	21		
2/18/2013	136	0	136		
2/19/2013	150	0	0		
2/20/2013	106	0	0		
2/21/2013	181	0	0		
2/22/2013	212	0	0		
2/23/2013	214	0	0		
2/24/2013	217	0	0		
2/25/2013	212	94	307		
2/26/2013	168	164	332		
2/27/2013	211	223	434		
2/28/2013	211	226	437		
February Total	2,039	707	1,667	**48,832**	**monthy rolling**

March Production	Kiln #3 (tons)	Kiln #4 (tons)	Total	
3/1/2013	211	231	442	
3/2/2013	211	232	443	
3/3/2013	215	236	451	
3/4/2013	213	232	446	
3/5/2013	219	240	459	
3/6/2013	205	224	429	
3/7/2013	218	239	457	
3/8/2013	186	223	409	
3/9/2013	67	87	154	
3/10/2013	123	136	259	
3/11/2013	209	220	428	
3/12/2013	74	68	142	
3/13/2013	0	0	0	
3/14/2013	0	0	0	
3/15/2013	0	0	0	
3/16/2013	0	0	0	
3/17/2013	0	0	0	
3/18/2013	0	0	0	
3/19/2013	0	0	0	
3/20/2013	0	0	0	
3/21/2013	0	0	0	
3/22/2013	0	0	0	
3/23/2013	0	0	0	
3/24/2013	0	0	0	
3/25/2013	0	0	0	
3/26/2013	0	0	0	
3/27/2013	0	0	0	
3/28/2013	0	0	0	
3/29/2013	0	0	0	
3/30/2013	0	0	0	**25,525 monthy rolling**
3/31/2013	0	0	0	
March Total	2,151	2,368	4,519	Yearly total
			53,800	**Yearly total**

APPENDIX B

PO0036PC2 Condition #1

Natural Gas Consumption

Daily & Monthly Natural Gas Useage

Production	Kiln #3 mcf	Kiln #4 mcf	Main Gas		
4/1/2012	0	0	0		
4/2/2012	0	0	0		
4/3/2012	0	0	0		
4/4/2012	0	0	0		
4/5/2012	0	0	0		
4/6/2012	0	0	0		
4/7/2012	0	0	0		
4/8/2012	0	0	0		
4/9/2012	0	0	0		
4/10/2012	0	0	0		
4/11/2012	0	0	0		
4/12/2012	0	0	0		
4/13/2012	0	0	0		
4/14/2012	0	0	0		
4/15/2012	0	0	0		
4/16/2012	0	0	0		
4/17/2012	146	116	262		
4/18/2012	746	610	1356		
4/19/2012	760	602	1362		
4/20/2012	722	592	1314		
4/21/2012	695	445	1140		
4/22/2012	708	0	708		
4/23/2012	716	0	716		
4/24/2012	694	0	694		
4/25/2012	708	469	1177		
4/26/2012	687	562	1249		
4/27/2012	719	584	1303		
4/28/2012	94	75	169		
4/29/2012	687	564	1251		
4/30/2012	737	604	1341		
	8,819	5,223	14,042	8.82	5.22

	Kiln #3 mcf	Kiln #4 mcf	Main Gas		
5/1/2012	710	576	1286		
5/2/2012	730	572	1302		
5/3/2012	735	565	1300		
5/4/2012	789	601	1390		
5/5/2012	791	599	1390		
5/6/2012	759	592	1351		
5/7/2012	757	636	1393		
5/8/2012	744	646	1390		
5/9/2012	733	612	1345		
5/10/2012	681	628	1309		
5/11/2012	741	610	1351		
5/12/2012	737	620	1357		
5/13/2012	720	602	1322		
5/14/2012	706	573	1279		
5/15/2012	726	553	1279		
5/16/2012	683	566	1249		
5/17/2012	694	586	1280		
5/18/2012	697	591	1288		
5/19/2012	723	628	1351		
5/20/2012	723	636	1359		
5/21/2012	559	488	1047		
5/22/2012	689	593	1282		
5/23/2012	723	605	1328		
5/24/2012	736	616	1352		
5/25/2012	726	606	1332		
5/26/2012	723	638	1361		
5/27/2012	713	636	1349		
5/28/2012	704	626	1330		
5/29/2012	673	623	1296		
5/30/2012	717	681	1398		
5/31/2011	629	662	1291		
	22,171	18,766	40,937	22.17	18.77

	Kiln #3 mcf	Kiln #4 mcf	Main Gas		
6/1/2012	664	655	1319		
6/2/2012	691	651	1342		
6/3/2012	630	591	1221		
6/4/2012	99	92	191		
6/5/2012	241	604	845		
6/6/2012	371	95	466		
6/7/2012	731	540	1271		
6/8/2012	715	612	1327		
6/9/2012	714	621	1335		
6/10/2012	679	634	1313		
6/11/2012	693	649	1342		
6/12/2012	275	663	938		
6/13/2012	121	250	371		
6/14/2012	487		487		
6/15/2012	0				
6/16/2012	0				
6/17/2012	0				
6/18/2012	0				
6/19/2012	148	90	238		
6/20/2012	625	568	1193		
6/21/2012	707	618	1325		
6/22/2012	667	574	1241		
6/23/2012	0	0	0		
6/24/2012	0	0	0		
6/25/2012	0	0	0		
6/26/2012	0	0	0		
6/27/2012	0	0	0		
6/28/2012	0	0	0		
6/29/2012	0	0	0		
6/30/2012	0	0	0		
	9,258	8,507	17,765	9.26	8.51

	Kiln #3 mcf	Kiln #4 mcf	Main Gas		
7/1/2012	0	0	0		
7/2/2012	0	0	0		
7/3/2012	0	0	0		
7/4/2012	0	0	0		
7/5/2012	0	0	0		
7/6/2012	0	0	0		
7/7/2012	0	0	0		
7/8/2012	0	0	0		
7/9/2012	0	0	0		
7/10/2012	0	0	0		
7/11/2012	0	0	0		
7/12/2012	0	0	0		
7/13/2012	0	0	0		
7/14/2012	0	0	0		
7/15/2012	0	0	0		
7/16/2012	0	0	0		
7/17/2012	0	0	0		
7/18/2012	114	76	190		
7/19/2012	690	621	1311		
7/20/2012	726	657	1383		
7/21/2012	766	683	1449		
7/22/2012	674	601	1275		
7/23/2012	725	642	1367		
7/24/2012	737	653	1390		
7/25/2012	711	636	1347		
7/26/2012	708	633	1341		
7/27/2012	709	640	1349		
7/28/2012	711	646	1357		
7/29/2012	701	631	1332		
7/30/2012	0				
7/31/2012	469	425	894		
	8,441	7,544	15,985	8.44	7.54

	Kiln #3 mcf	Kiln #4 mcf	Main Gas		
8/1/2012	710	625	1335		
8/2/2012	701	624	1325		
8/3/2012	775	690	1465		
8/4/2012	674	600	1274		
8/5/2012	722	650	1372		
8/6/2012	703	624	1327		
8/7/2012	586	597	1183		
8/8/2012	703	660	1363		
8/9/2012	696	651	1347		
8/10/2012	696	684	1380		
8/11/2012	699	659	1358		
8/12/2012	695	624	1319		
8/13/2012	411	395	806		
8/14/2012	0	0	0		
8/15/2012	0	0	0		
8/16/2012	0	0	0		
8/17/2012	0	0	0		
8/18/2012	0	0	0		
8/19/2012	0	0	0		
8/20/2012	0	0	0		
8/21/2012	0	0	0		
8/22/2012	0	0	0		
8/23/2012	0	0	0		
8/24/2012	0	0	0		
8/25/2012	0	0	0		
8/26/2012	0	0	0		
8/27/2012	0	0	0		
8/28/2012	0	0	0		
8/29/2012	0	0	0		
8/30/2012	0	0	0		
8/31/2012	0	0	0		
	8,771	8,083	16,854	8.77	8.08

	Kiln #3 mcf	Kiln #4 mcf	Main Gas		
9/1/2012	0	0	0		
9/2/2012	0	0	0		
9/3/2012	0	0	0		
9/4/2012	0	0	0		
9/5/2012	0	0	0		
9/6/2012	0	0	0		
9/7/2012	0	0	0		
9/8/2012	0	0	0		
9/9/2012	0	0	0		
9/10/2012	0	0	0		
9/11/2012	0	0	0		
9/12/2012	0	0	0		
9/13/2012	0	0	0		
9/14/2012	0	0	0		
9/15/2012	0	0	0		
9/16/2012	0	0	0		
9/17/2012	0	0	0		
9/18/2012	0	0	0		
9/19/2012	180	137	317		
9/20/2012	737	686	1423		
9/21/2012	776	707	1483		
9/22/2012	754	554	1308		
9/23/2012	469	0	469		
9/24/2012	425	0	425		
9/25/2012	762	0	762		
9/26/2012	608	49	657		
9/27/2012	650	463	1113		
9/28/2012	701	636	1337		
9/29/2012	736	646	1382		
9/30/2012	736	551	1287		
	7,534	4,429	11,963	7.53	4.43

	Kiln #3 mcf	Kiln #4 mcf	Main Gas		
10/1/2012	722	659	1381		
10/2/2012	676	455	1131		
10/3/2012	755	178	933		
10/4/2012	717	639	1356		
10/5/2012	756	684	1440		
10/6/2012	755	715	1470		
10/7/2012	747	700	1447		
10/8/2012	733	676	1409		
10/9/2012	719	633	1352		
10/10/2012	765	675	1440		
10/11/2012	772	664	1436		
10/12/2012	0	0	0		
10/13/2012	0	0	0		
10/14/2012	0	0	0		
10/15/2012	0	0	0		
10/16/2012	0	0	0		
10/17/2012	0	0	0		
10/18/2012	0	0	0		
10/19/2012	0	0	0		
10/20/2012	0	0	0		
10/21/2012	0	0	0		
10/22/2012	0	0	0		
10/23/2012	0	0	0		
10/24/2012	0	0	0		
10/25/2012	0	0	0		
10/26/2012	0	0	0		
10/27/2012	0	0	0		
10/28/2012	0	0	0		
10/29/2012	0	0	0		
10/30/2012	0	0	0		
10/31/2012	0	0	0		
	8,117	6,678	14,795	8.12	6.68

	Kiln #3 mcf	Kiln #4 mcf	Main Gas		
11/1/2012	0				
11/2/2012	0				
11/3/2012	0				
11/4/2012	0				
11/5/2012	0				
11/6/2012	0				
11/7/2012	0				
11/8/2012	0	0			
11/9/2012	123	88	211		
11/10/2012	717	536	1253		
11/11/2012	787	619	1406		
11/12/2012	738	609	1347		
11/13/2012	795	674	1469		
11/14/2012	770	636	1406		
11/15/2012	708	575	1283		
11/16/2012	764	641	1406		
11/17/2012	757	636	1393		
11/18/2012	116	36	152		
11/19/2012	0	0	0		
11/20/2012	0	0	0		
11/21/2012	0	0	0		
11/22/2012	0	0	0		
11/23/2012	0	0	0		
11/24/2012	0	0	0		
11/25/2012	0	0	0		
11/26/2012	0	0	0		
11/27/2012	0	0	0		
11/28/2012	0	0	0		
11/29/2012	0	0	0		
11/30/2012	0	0	0		
	6,275	5,050	11,326	6.28	5.05

	Kiln #3 mcf	Kiln #4 mcf	Main Gas		
12/1/2012	0				
12/2/2012	0				
12/3/2012	0				
12/4/2012	0				
12/5/2012	0				
12/6/2012	0				
12/7/2012	0				
12/8/2012	0				
12/9/2012	0				
12/10/2012	0				
12/11/2012	0				
12/12/2012	0				
12/13/2012	0				
12/14/2012	0				
12/15/2012	0				
12/16/2012	0				
12/17/2012		0	0		
12/18/2012	0	109	109		
12/19/2012	0	702	702		
12/20/2012	0	689	689		
12/21/2012	0	651	651		
12/22/2012	0	658	658		
12/23/2012	0	671	671		
12/24/2012	0	646	646		
12/25/2012	0	652	652		
12/26/2012	28	616	644		
12/27/2012	192	586	778		
12/28/2012	768	558	1326		
12/29/2012	710	622	1332		
12/30/2012	740	610	1350		
12/31/2012	756	598	1354		
	3,194	8,368	11,562	3.19	8.37

	Kiln #3 mcf	Kiln #4 mcf	Main Gas		
1/1/2013	755	608	1363		
1/2/2013	727	557	1284		
1/3/2013	597	625	1222		
1/4/2013	724	591	1315		
1/5/2013	736	238	974		
1/6/2013	838		838		
1/7/2013	625	93	718		
1/8/2013	682	503	1185		
1/9/2013	709	135	844		
1/10/2013	732	0	732		
1/11/2013	751	0	751		
1/12/2013	734	0	734		
1/13/2013	730	0	730		
1/14/2013	701	0	701		
1/15/2013	723	0	723		
1/16/2013	712	0	712		
1/17/2013	251	0	251		
1/18/2013	0	0	0		
1/19/2013	0	0	0		
1/20/2013	0	0	0		
1/21/2013	0	0	0		
1/22/2013	0	0	0		
1/23/2013	0	0	0		
1/24/2013	0	0	0		
1/25/2013	0	0	0		
1/26/2013	0	0	0		
1/27/2013	0	0	0		
1/28/2013	0	0	0		
1/29/2013	0	0	0		
1/30/2013	0	0	0		
1/31/2013	0	0	0		
	11,727	3,350	15,077	11.73	3.35

	Kiln #3 mcf	Kiln #4 mcf	Main Gas		
2/1/2013	0	0	0		
2/2/2013	0	0	0		
2/3/2013	0	0	0		
2/4/2013	0	0	0		
2/5/2013	0	0	0		
2/6/2013	0	0	0		
2/7/2013	0	0	0		
2/8/2013	0	0	0		
2/9/2013	0	0	0		
2/10/2013	0	0	0		
2/11/2013	0	0	0		
2/12/2013	0	0	0		
2/13/2013	0	0	0		
2/14/2013	0	0	0		
2/15/2013	0	0	0		
2/16/2013	0	0	0		
2/17/2013	216	0	216		
2/18/2013	572		572		
2/19/2013	637		637		
2/20/2013	539		539		
2/21/2013	643		643		
2/22/2013	720		720		
2/23/2013	740		740		
2/24/2013	753		753		
2/25/2013	739	403	1142		
2/26/2013	587	503	1090		
2/27/2013	751	652	1403		
2/28/2013	729	652	1381		
	0				
	7,626	2,210	9,836	7.63	2.21

	Kiln #3 mcf	Kiln #4 mcf	Main Gas		
3/1/2013	730	640	1370		
3/2/2013	728	650	1378		
3/3/2013	699	642	1341		
3/4/2013	719	650	1369		
3/5/2013	855	778	1633		
3/6/2013	643	587	1230		
3/7/2013	757	663	1420		
3/8/2013	602	652	1254		
3/9/2013	556	463	1019		
3/10/2013	528	492	1020		
3/11/2013	701	635	1336		
3/12/2013	244	196	440		
3/13/2013	0	0	0		
3/14/2013	0	0	0		
3/15/2013	0	0	0		
3/16/2013	0	0	0		
3/17/2013	0	0	0		
3/18/2013	0	0	0		
3/19/2013	0	0	0		
3/20/2013	0	0	0		
3/21/2013	0	0	0		
3/22/2013	0	0	0		
3/23/2013	0	0	0		
3/24/2013	0	0	0		
3/25/2013	0	0	0		
3/26/2013	0	0	0		
3/27/2013	0	0	0		
3/28/2013	0	0	0		
3/29/2013	0	0	0		
3/30/2013	0	0	0		
3/31/2013	0	0	0		
	7,762	7,048	14,810	7.76	7.05

APPENDIX C

PO0036PC5 Condition #5 and #5

Biodiesel Supply and Delivery Data

APPENDIX D

PO0036PC6

Finish Product Moisture Data

HIGH PERFORMANCE LIGHTWEIGHT AGGREGATES

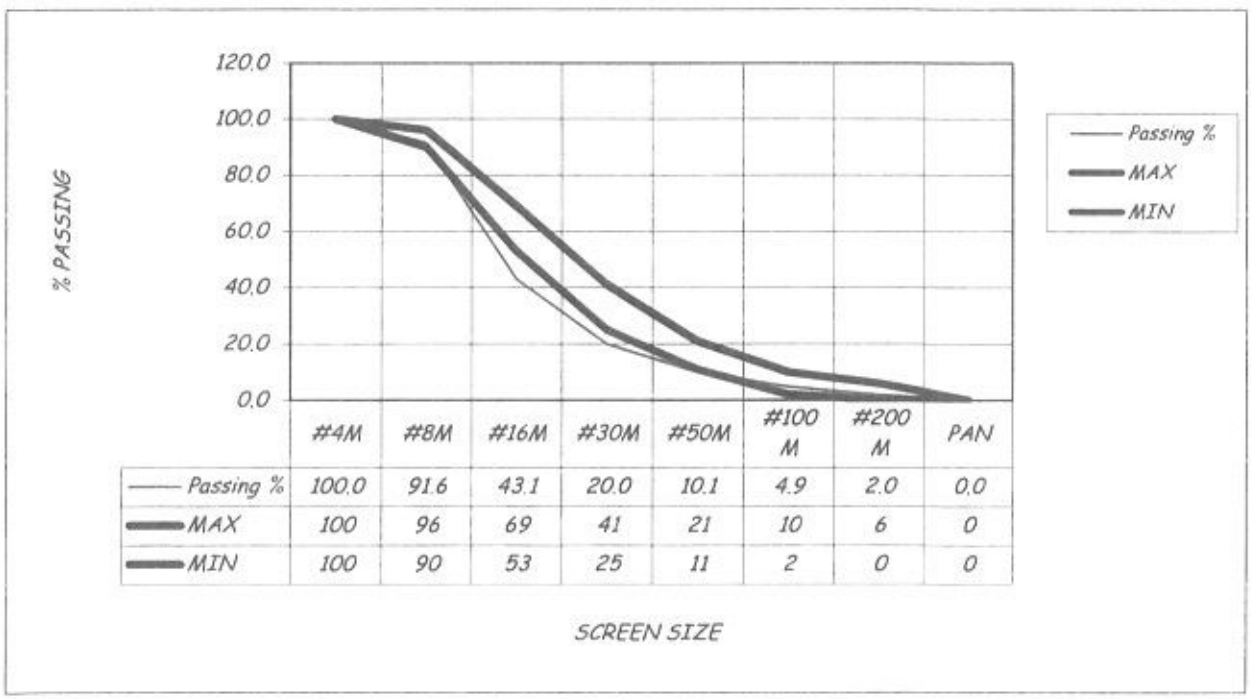
#1 FINES GRADATION

TICKET# Title-5 PCM

SAMPLE: DATE: 1/25/2013 PLANT SPEC FRAZIER

SIEVE SCREEN	TXJ CUM. WT.	C % R	SIEVE SCREEN	SIEVE Passing %	% PASSING MAX	% PASSING MIN	SIEVE %Retain
#4M	0.0	0.0	#4M	100.0	100	100	0.0
#8M	55.0	8.4	#8M	91.6	96	90	8.4
#16M	373.0	56.9	#16M	43.1	69	53	48.5
#30M	524.0	80.0	#30M	20.0	41	25	23.1
#50M	589.0	89.9	#50M	10.1	21	11	9.9
#100M	623.0	95.1	#100M	4.9	10	2	5.2
#200M	642.0	98.0	#200M	2.0	6	0	2.9
PAN	655.0	100.0	PAN	0.0	0	0	2.0
				Dry Wieght			

Unit Wt	55	PCF
Wet Wt	771.0	
Dry Wt	655.0	
%MOIST	17.7	



HIGH PERFORMANCE LIGHTWEIGHT AGGREGATES

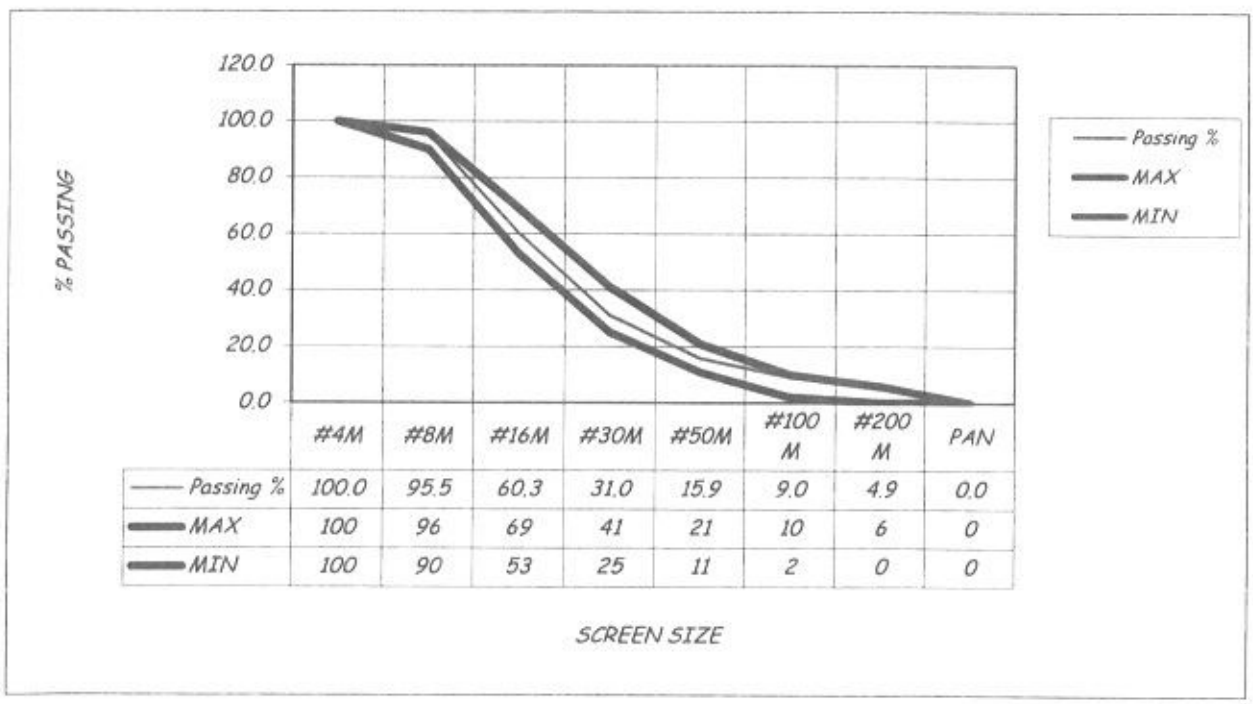
TICKET# Title-5 **#1 FINES GRADATION** PCM

SAMPLE: DATE: 11/28/2012 PLANT SPEC FRAZIER

SIEVE SCREEN	TXJ CUM. WT.	C % R	SIEVE SCREEN	SIEVE Passing %	% PASSING MAX	% PASSING MIN	SIEVE %Retain
#4M	0.0	0.0	#4M	100.0	100	100	0.0
#8M	30.0	4.5	#8M	95.5	96	90	4.5
#16M	265.0	39.7	#16M	60.3	69	53	35.2
#30M	460.0	69.0	#30M	31.0	41	25	29.2
#50M	561.0	84.1	#50M	15.9	21	11	15.1
#100M	607.0	91.0	#100M	9.0	10	2	6.9
#200M	634.0	95.1	#200M	4.9	6	0	4.0
PAN	667.0	100.0	PAN	0.0	0	0	4.9

Dry Wieght

Unit Wt	55	PCF
Wet Wt	748.0	
Dry Wt	667.0	0
%MOIST	12.1	DD



	#4M	#8M	#16M	#30M	#50M	#100 M	#200 M	PAN
Passing %	100.0	95.5	60.3	31.0	15.9	9.0	4.9	0.0
MAX	100	96	69	41	21	10	6	0
MIN	100	90	53	25	11	2	0	0

HIGH PERFORMANCE LIGHTWEIGHT AGGREGATES

#1 FINES GRADATION PCM

TICKET# Title-5

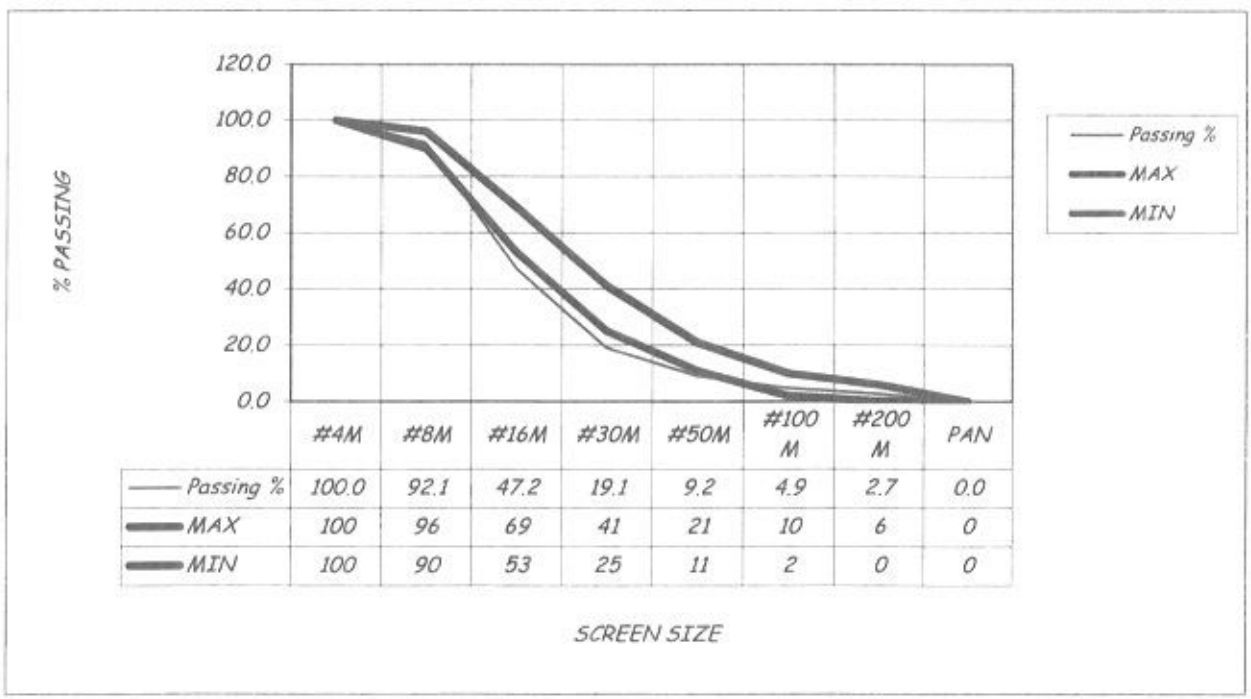
SAMPLE:

DATE: 9/18/2012 PLANT SPEC FRAZIER

SIEVE SCREEN	CUM. WT.	C % R	SIEVE SCREEN	SIEVE Passing %	% PASSING MAX	% PASSING MIN	SIEVE %Retain
#4M	0.0	0.0	#4M	100.0	100	100	0.0
#8M	52.0	7.9	#8M	92.1	96	90	7.9
#16M	346.0	52.8	#16M	47.2	69	53	44.9
#30M	530.0	80.9	#30M	19.1	41	25	28.1
#50M	595.0	90.8	#50M	9.2	21	11	9.9
#100M	623.0	95.1	#100M	4.9	10	2	4.3
#200M	637.0	97.3	#200M	2.7	6	0	2.1
PAN	655.0	100.0	PAN	0.0	0	0	2.7

Dry Wieght

Unit Wt	56	PCF
Wet Wt	730.0	
Dry Wt	655.0	0
%MOIST	11.5	DD



	#4M	#8M	#16M	#30M	#50M	#100 M	#200 M	PAN
Passing %	100.0	92.1	47.2	19.1	9.2	4.9	2.7	0.0
MAX	100	96	69	41	21	10	6	0
MIN	100	90	53	25	11	2	0	0

HIGH PERFORMANCE LIGHTWEIGHT AGGREGATES

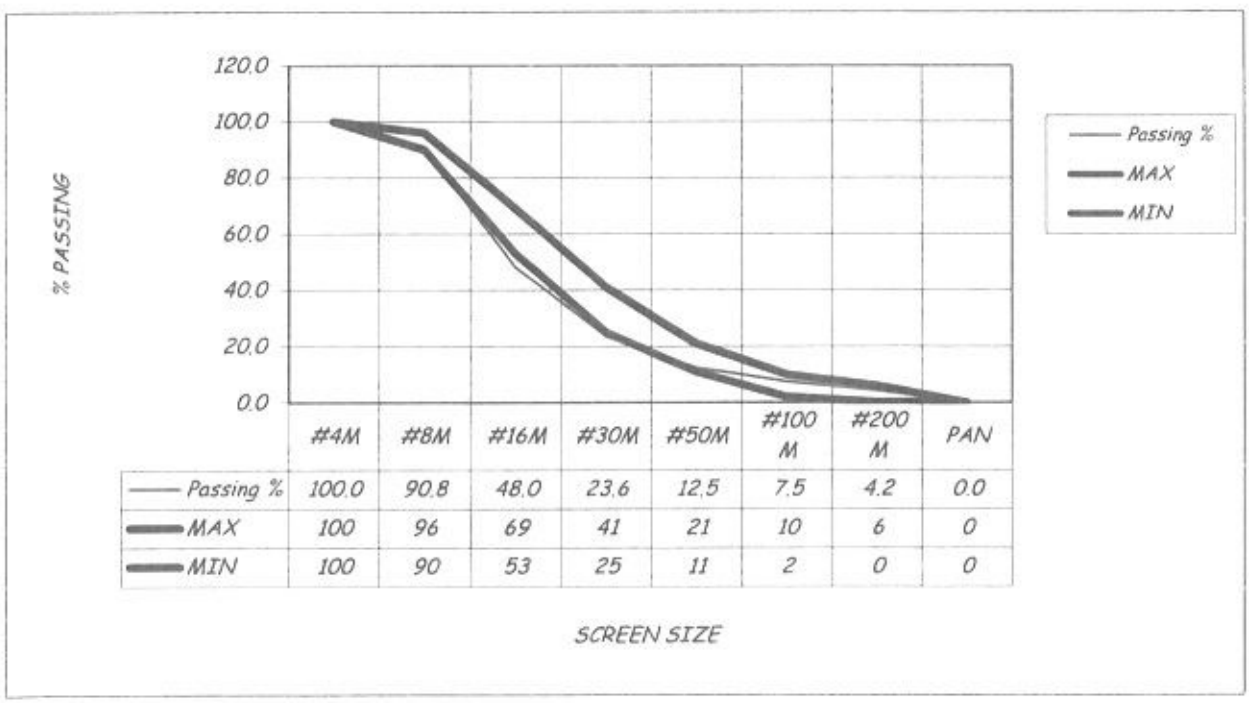
TICKET# Title-5 — **#1 FINES GRADATION** — PCM

SAMPLE: — DATE: 8/8/2012 — PLANT SPEC — FRAZIER

SIEVE SCREEN	TX1 CUM. WT.	C % R	SIEVE SCREEN	SIEVE Passing %	% PASSING MAX	% PASSING MIN	SIEVE %Retain
#4M	0.0	0.0	#4M	100.0	100	100	0.0
#8M	59.0	9.2	#8M	90.8	96	90	9.2
#16M	333.0	52.0	#16M	48.0	69	53	42.7
#30M	490.0	76.4	#30M	23.6	41	25	24.5
#50M	561.0	87.5	#50M	12.5	21	11	11.1
#100M	593.0	92.5	#100M	7.5	10	2	5.0
#200M	614.0	95.8	#200M	4.2	6	0	3.3
PAN	641.0	100.0	PAN	0.0	0	0	4.2

Dry Wieght

Unit Wt	54.2	PCF
Wet Wt	712.0	
Dry Wt	641.0	0
%MOIST	11.1	DD



	#4M	#8M	#16M	#30M	#50M	#100 M	#200 M	PAN
Passing %	100.0	90.8	48.0	23.6	12.5	7.5	4.2	0.0
MAX	100	96	69	41	21	10	6	0
MIN	100	90	53	25	11	2	0	0

HIGH PERFORMANCE LIGHT WEIGHT AGGREGATES

#1 FINES GRADATION

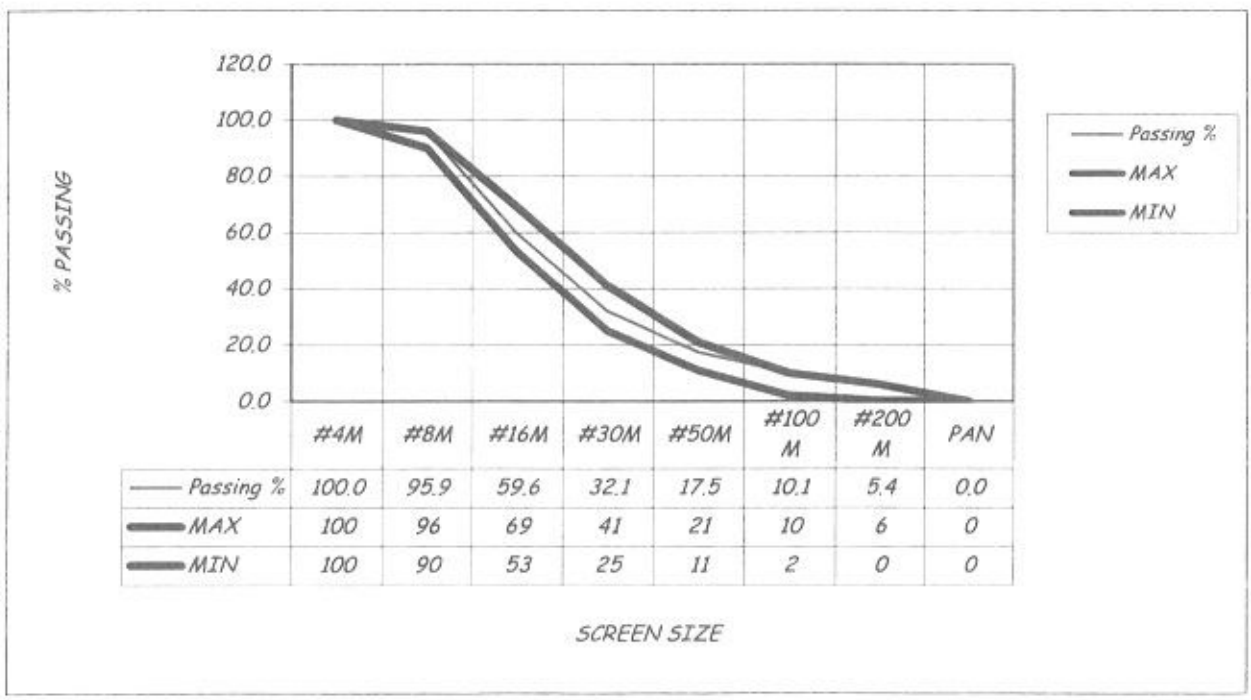
TICKET# Title-5 PCM

SAMPLE: DATE: 7/12/2012 PLANT SPEC FRAZIER

SIEVE SCREEN	TXD CUM. WT.	C % R	SIEVE SCREEN	SIEVE Passing %	% PASSING MAX	% PASSING MIN	SIEVE %Retain
#4M	0.0	0.0	#4M	100.0	100	100	0.0
#8M	32.0	4.1	#8M	95.9	96	90	4.1
#16M	316.0	40.4	#16M	59.6	69	53	36.3
#30M	531.0	67.9	#30M	32.1	41	25	27.5
#50M	645.0	82.5	#50M	17.5	21	11	14.6
#100M	703.0	89.9	#100M	10.1	10	2	7.4
#200M	740.0	94.6	#200M	5.4	6	0	4.7
PAN	782.0	100.0	PAN	0.0	0	0	5.4

Dry Wieght

Unit Wt	57	PCF
Wet Wt	878.0	
Dry Wt	782.0	0
%MOIST	12.3	DD



	#4M	#8M	#16M	#30M	#50M	#100 M	#200 M	PAN
Passing %	100.0	95.9	59.6	32.1	17.5	10.1	5.4	0.0
MAX	100	96	69	41	21	10	6	0
MIN	100	90	53	25	11	2	0	0

HIGH PERFORMANCE LIGHT WEIGHT AGGREGATES

#1 FINES GRADATION

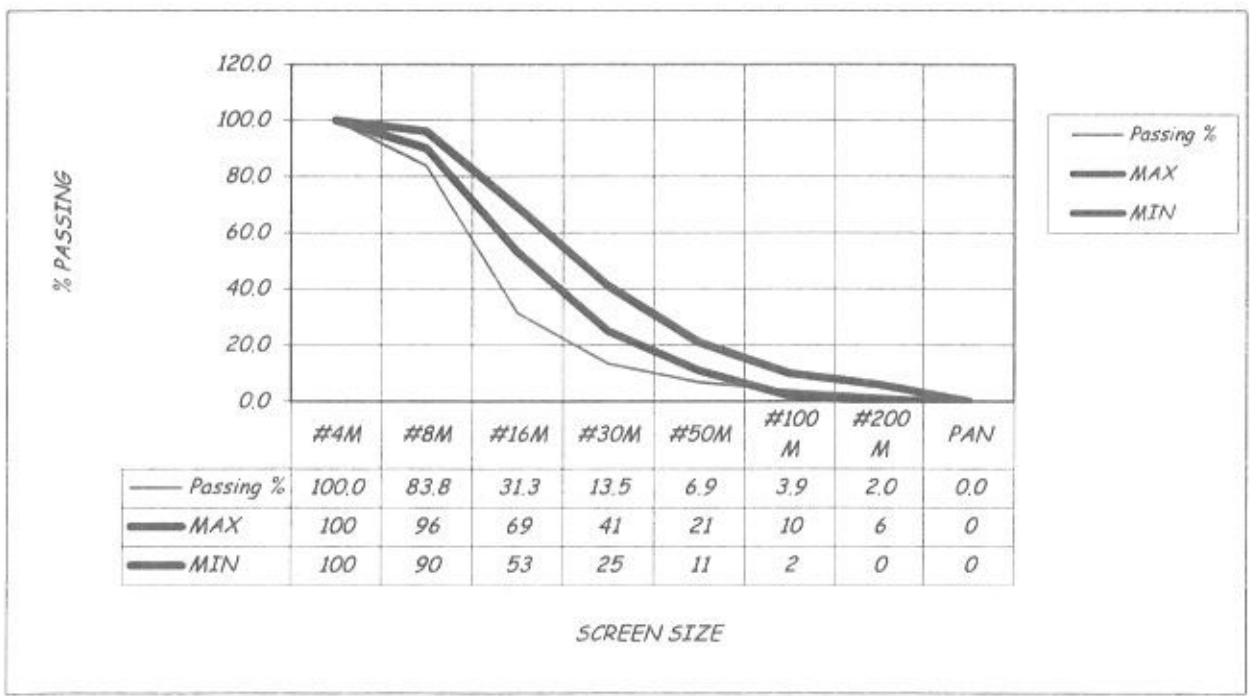
TICKET# Title-5 PCM

SAMPLE: DATE: 5/15/2012 PLANT SPEC FRAZIER

SIEVE SCREEN	TXD CUM. WT.	C % R	SIEVE SCREEN	SIEVE Passing %	% PASSING MAX	% PASSING MIN	SIEVE %Retain
#4M	0.0	0.0	#4M	100.0	100	100	0.0
#8M	96.0	16.2	#8M	83.8	96	90	16.2
#16M	408.0	68.7	#16M	31.3	69	53	52.5
#30M	514.0	86.5	#30M	13.5	41	25	17.8
#50M	553.0	93.1	#50M	6.9	21	11	6.6
#100M	571.0	96.1	#100M	3.9	10	2	3.0
#200M	582.0	98.0	#200M	2.0	6	0	1.9
PAN	594.0	100.0	PAN	0.0	0	0	2.0

Dry Wieght

Unit Wt	53.8	PCF
Wet Wt	675.0	
Dry Wt	594.0	52
%MOIST	13.6	DD



	#4M	#8M	#16M	#30M	#50M	#100 M	#200 M	PAN
Passing %	100.0	83.8	31.3	13.5	6.9	3.9	2.0	0.0
MAX	100	96	69	41	21	10	6	0
MIN	100	90	53	25	11	2	0	0

HIGH PERFORMANCE LIGHTWEIGHT AGGREGATES

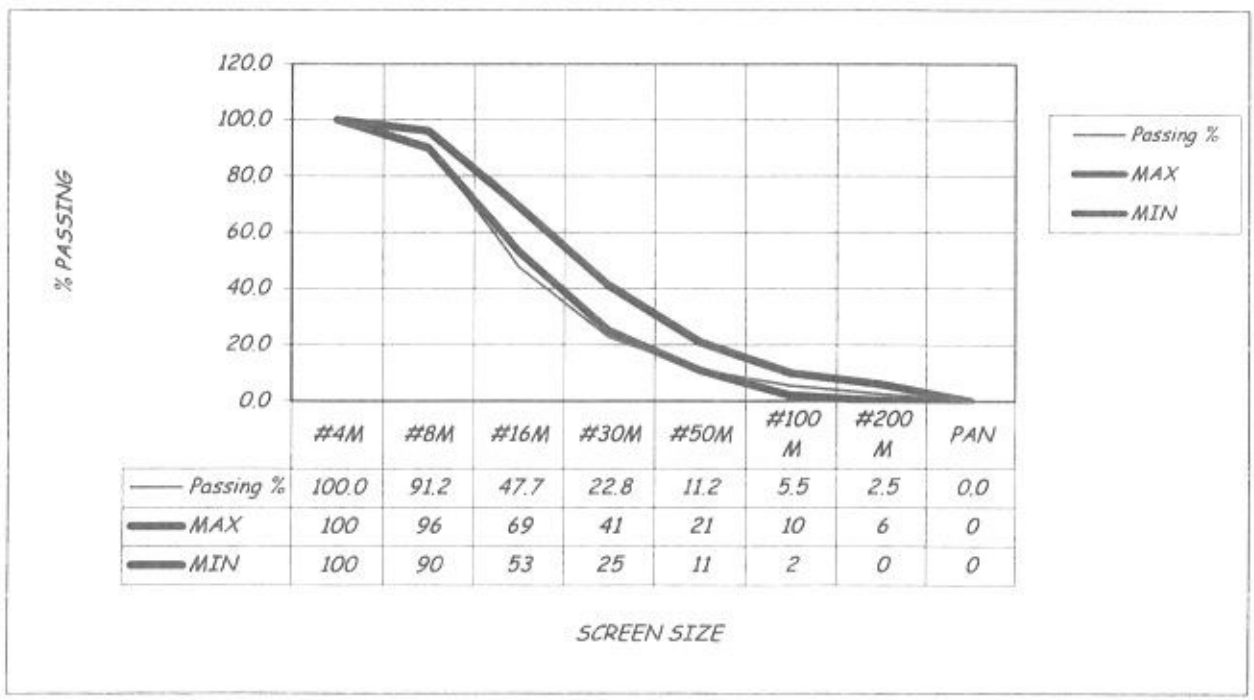
TICKET# Title-5 — **#1 FINES GRADATION** — PCM

SAMPLE: — DATE: 4/3/2012 — PLANT SPEC — FRAZIER

SIEVE SCREEN	CUM. WT.	C % R	SIEVE SCREEN	SIEVE Passing %	% PASSING MAX	% PASSING MIN	SIEVE %Retain
#4M	0.0	0.0	#4M	100.0	100	100	0.0
#8M	59.0	8.8	#8M	91.2	96	90	8.8
#16M	349.0	52.3	#16M	47.7	69	53	43.5
#30M	515.0	77.2	#30M	22.8	41	25	24.9
#50M	592.0	88.8	#50M	11.2	21	11	11.5
#100M	630.0	94.5	#100M	5.5	10	2	5.7
#200M	650.0	97.5	#200M	2.5	6	0	3.0
PAN	667.0	100.0	PAN	0.0	0	0	2.5

Dry Wieght

Unit Wt	57	PCF
Wet Wt	774.0	
Dry Wt	667.0	0
%MOIST	16.0	DD



	#4M	#8M	#16M	#30M	#50M	#100 M	#200 M	PAN
Passing %	100.0	91.2	47.7	22.8	11.2	5.5	2.5	0.0
MAX	100	96	69	41	21	10	6	0
MIN	100	90	53	25	11	2	0	0

HIGH PERFORMANCE LIGHTWEIGHT AGGREGATES

#1 FINES GRADATION

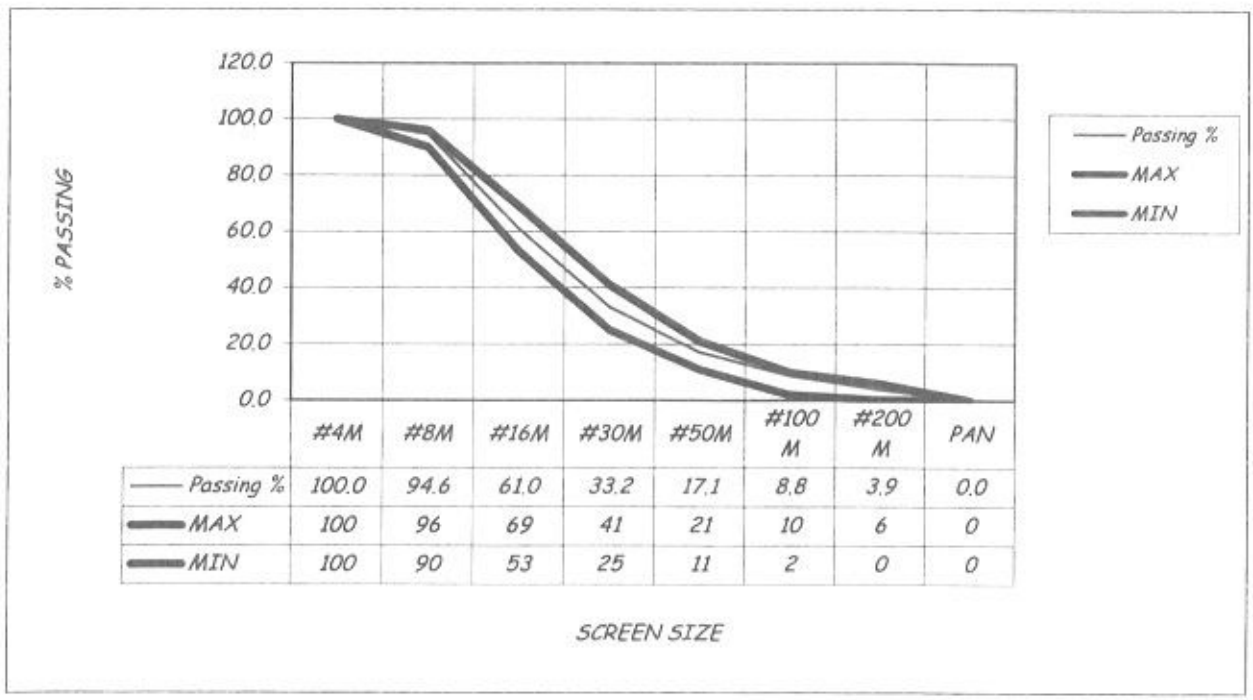
TICKET# Title 5 PCM

SAMPLE: DATE: 3/20/2012 PLANT SPEC FRAZIER

SIEVE SCREEN	TXI CUM. WT.	C % R	SIEVE SCREEN	SIEVE Passing %	% PASSING MAX	% PASSING MIN	SIEVE %Retain
#4M	0.0	0.0	#4M	100.0	100	100	0.0
#8M	36.0	5.4	#8M	94.6	96	90	5.4
#16M	262.0	39.0	#16M	61.0	69	53	33.7
#30M	448.0	66.8	#30M	33.2	41	25	27.7
#50M	556.0	82.9	#50M	17.1	21	11	16.1
#100M	612.0	91.2	#100M	8.8	10	2	8.3
#200M	645.0	96.1	#200M	3.9	6	0	4.9
PAN	671.0	100.0	PAN	0.0	0	0	3.9

Dry Wieght

Unit Wt	58	PCF
Wet Wt	772.0	
Dry Wt	671.0	
%MOIST	15.1	



	#4M	#8M	#16M	#30M	#50M	#100 M	#200 M	PAN
Passing %	100.0	94.6	61.0	33.2	17.1	8.8	3.9	0.0
MAX	100	96	69	41	21	10	6	0
MIN	100	90	53	25	11	2	0	0

HIGH PERFORMANCE LIGHTWEIGHT AGGREGATES

#1 FINES GRADATION

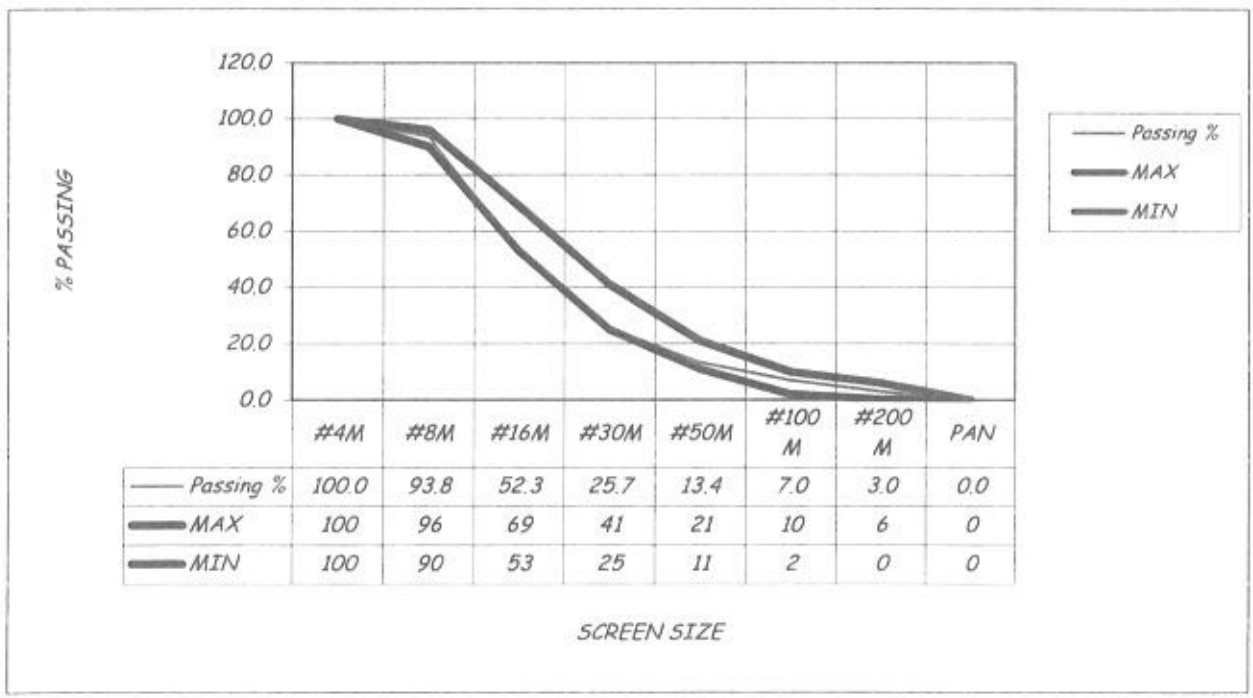
TICKET# Title -5 PCM

SAMPLE: DATE: 1/17/2012 PLANT SPEC FRAZIER

SIEVE SCREEN	CUM. WT.	C % R	SIEVE SCREEN	SIEVE Passing %	% PASSING MAX	% PASSING MIN	SIEVE %Retain
#4M	0.0	0.0	#4M	100.0	100	100	0.0
#8M	33.0	6.2	#8M	93.8	96	90	6.2
#16M	253.0	47.7	#16M	52.3	69	53	41.5
#30M	394.0	74.3	#30M	25.7	41	25	26.6
#50M	459.0	86.6	#50M	13.4	21	11	12.3
#100M	493.0	93.0	#100M	7.0	10	2	6.4
#200M	514.0	97.0	#200M	3.0	6	0	4.0
PAN	530.0	100.0	PAN	0.0	0	0	3.0

Dry Wieght

Unit Wt	57.5	PCF
Wet Wt	611.0	
Dry Wt	530.0	
%MOIST	15.3	



	#4M	#8M	#16M	#30M	#50M	#100 M	#200 M	PAN
Passing %	100.0	93.8	52.3	25.7	13.4	7.0	3.0	0.0
MAX	100	96	69	41	21	10	6	0
MIN	100	90	53	25	11	2	0	0

HIGH PERFORMANCE LIGHT WEIGHT AGGREGATES

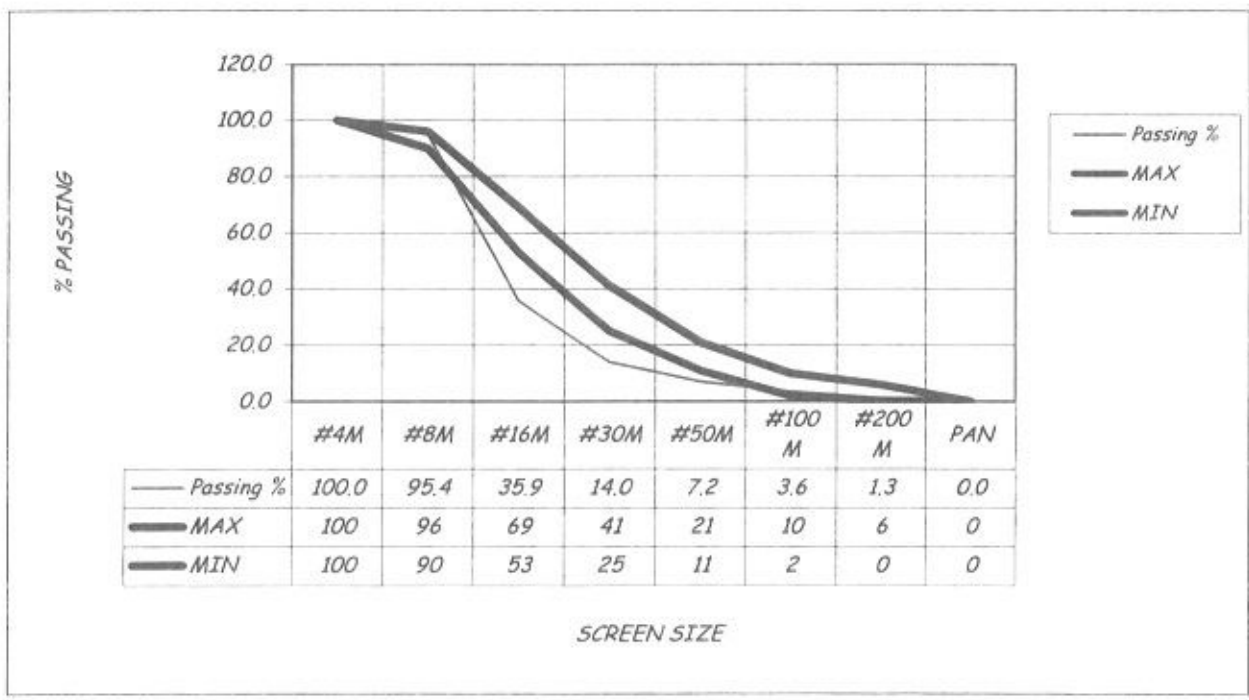
TICKET# Title 5 — **#1 FINES GRADATION** — PCM

SAMPLE: — DATE: 12/7/2011 — PLANT SPEC — FRAZIER

SIEVE SCREEN	CUM. WT.	C % R	SIEVE SCREEN	SIEVE Passing %	% PASSING MAX	% PASSING MIN	SIEVE %Retain
#4M	0.0	0.0	#4M	100.0	100	100	0.0
#8M	31.0	4.6	#8M	95.4	96	90	4.6
#16M	430.0	64.1	#16M	35.9	69	53	59.5
#30M	577.0	86.0	#30M	14.0	41	25	21.9
#50M	623.0	92.8	#50M	7.2	21	11	6.9
#100M	647.0	96.4	#100M	3.6	10	2	3.6
#200M	662.0	98.7	#200M	1.3	6	0	2.2
PAN	671.0	100.0	PAN	0.0	0	0	1.3

OVERNIGHT

Unit Wt	55.5	PCF	Dry Wt	PCF
Wet Wt	772.0			
Dry Wt	671.0	0		
%MOIST	15.1	DD		



	#4M	#8M	#16M	#30M	#50M	#100 M	#200 M	PAN
Passing %	100.0	95.4	35.9	14.0	7.2	3.6	1.3	0.0
MAX	100	96	69	41	21	10	6	0
MIN	100	90	53	25	11	2	0	0

HIGH PERFORMANCE LIGHTWEIGHT AGGREGATES

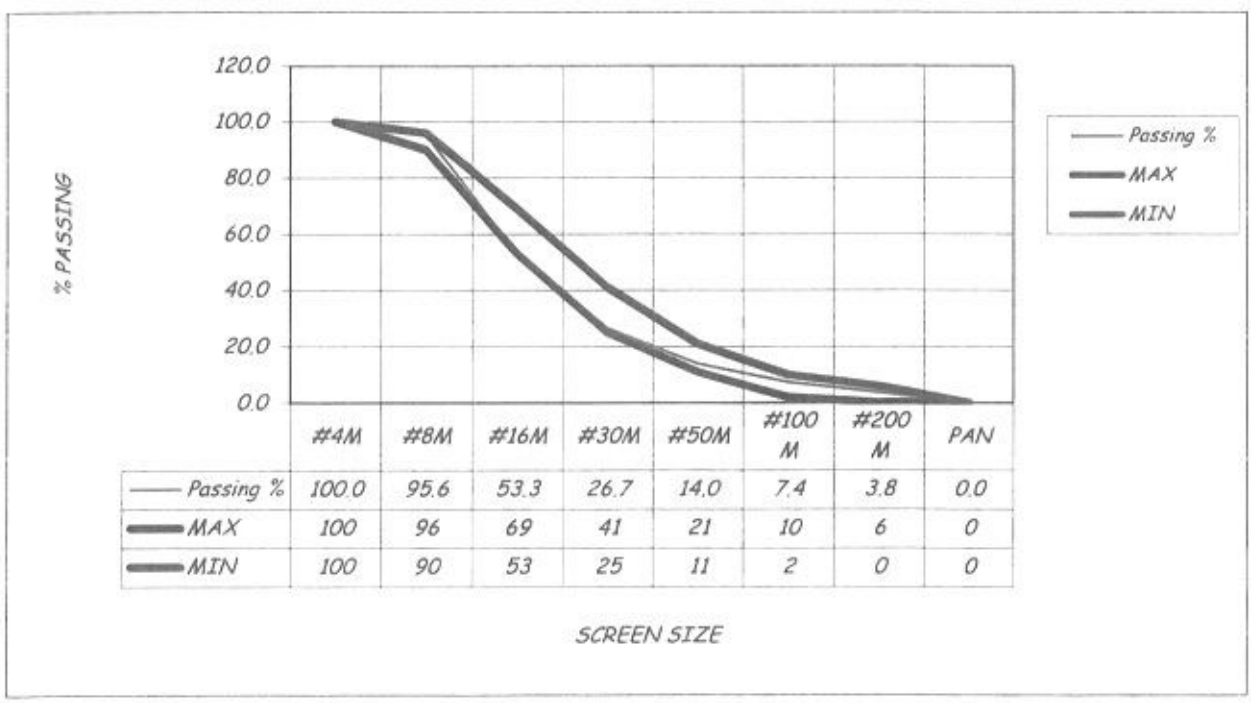
TICKET# Title 5 — **#1 FINES GRADATION** — PCM

SAMPLE: — DATE: 11/7/2011 — PLANT SPEC — FRAZIER

SIEVE SCREEN	CUM. WT.	C % R	SIEVE SCREEN	SIEVE Passing %	% PASSING MAX	% PASSING MIN	SIEVE %Retain
#4M	0.0	0.0	#4M	100.0	100	100	0.0
#8M	30.0	4.4	#8M	95.6	96	90	4.4
#16M	320.0	46.7	#16M	53.3	69	53	42.3
#30M	502.0	73.3	#30M	26.7	41	25	26.6
#50M	589.0	86.0	#50M	14.0	21	11	12.7
#100M	634.0	92.6	#100M	7.4	10	2	6.6
#200M	659.0	96.2	#200M	3.8	6	0	3.6
PAN	685.0	100.0	PAN	0.0	0	0	3.8

OVERNIGHT

Unit Wt	56.5	PCF	Dry Wt	PCF
Wet Wt	789.0			
Dry Wt	685.0	0		
%MOIST	15.2	DD		



	#4M	#8M	#16M	#30M	#50M	#100 M	#200 M	PAN
Passing %	100.0	95.6	53.3	26.7	14.0	7.4	3.8	0.0
MAX	100	96	69	41	21	10	6	0
MIN	100	90	53	25	11	2	0	0

HIGH PERFORMANCE LIGHTWEIGHT AGGREGATES

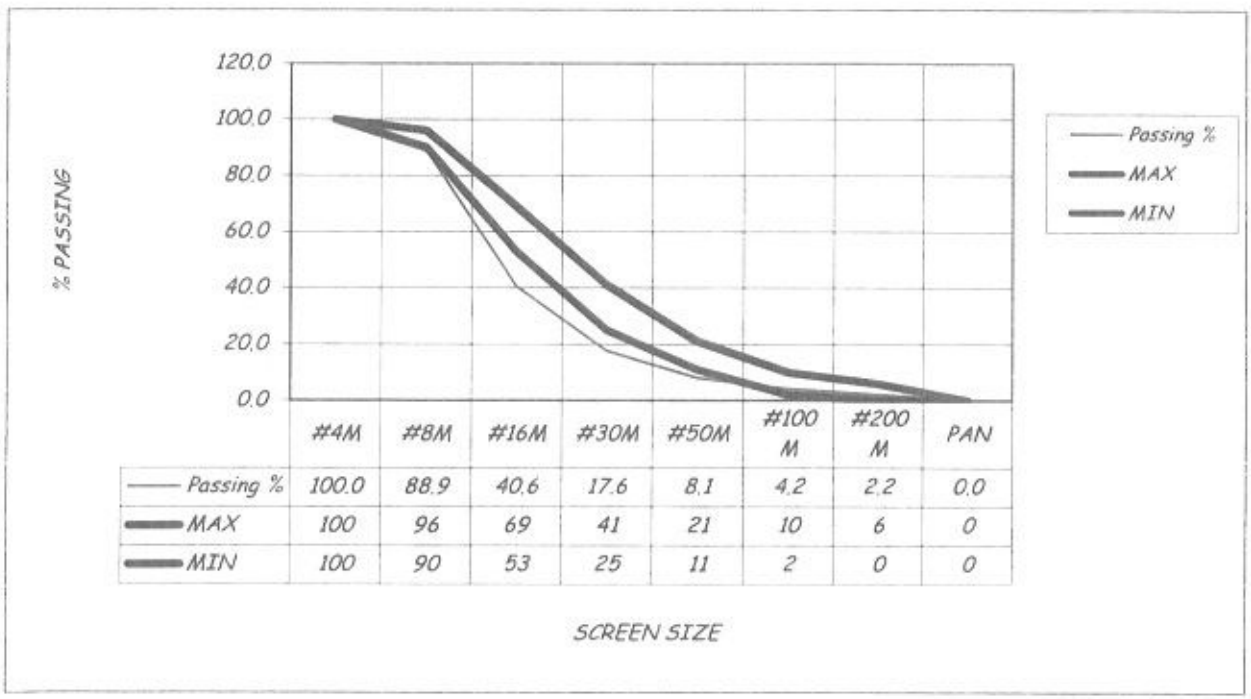
#1 FINES GRADATION

TICKET# Title 5 PCM

SAMPLE: DATE: 10/5/2011 PLANT SPEC FRAZIER

SIEVE SCREEN	CUM. WT.	C % R	SIEVE SCREEN	SIEVE Passing %	% PASSING MAX	% PASSING MIN	SIEVE %Retain
#4M	0.0	0.0	#4M	100.0	100	100	0.0
#8M	77.0	11.1	#8M	88.9	96	90	11.1
#16M	413.0	59.4	#16M	40.6	69	53	48.3
#30M	573.0	82.4	#30M	17.6	41	25	23.0
#50M	639.0	91.9	#50M	8.1	21	11	9.5
#100M	666.0	95.8	#100M	4.2	10	2	3.9
#200M	680.0	97.8	#200M	2.2	6	0	2.0
PAN	695.0	100.0	PAN	0.0	0	0	2.2

Unit Wt	58.5	PCF	OVERNIGHT Dry Wt	PCF
Wet Wt	809.0			
Dry Wt	695.0	0		
%MOIST	16.4	DD		



	#4M	#8M	#16M	#30M	#50M	#100 M	#200 M	PAN
Passing %	100.0	88.9	40.6	17.6	8.1	4.2	2.2	0.0
MAX	100	96	69	41	21	10	6	0
MIN	100	90	53	25	11	2	0	0

HIGH PERFORMANCE LIGHT WEIGHT AGGREGATES

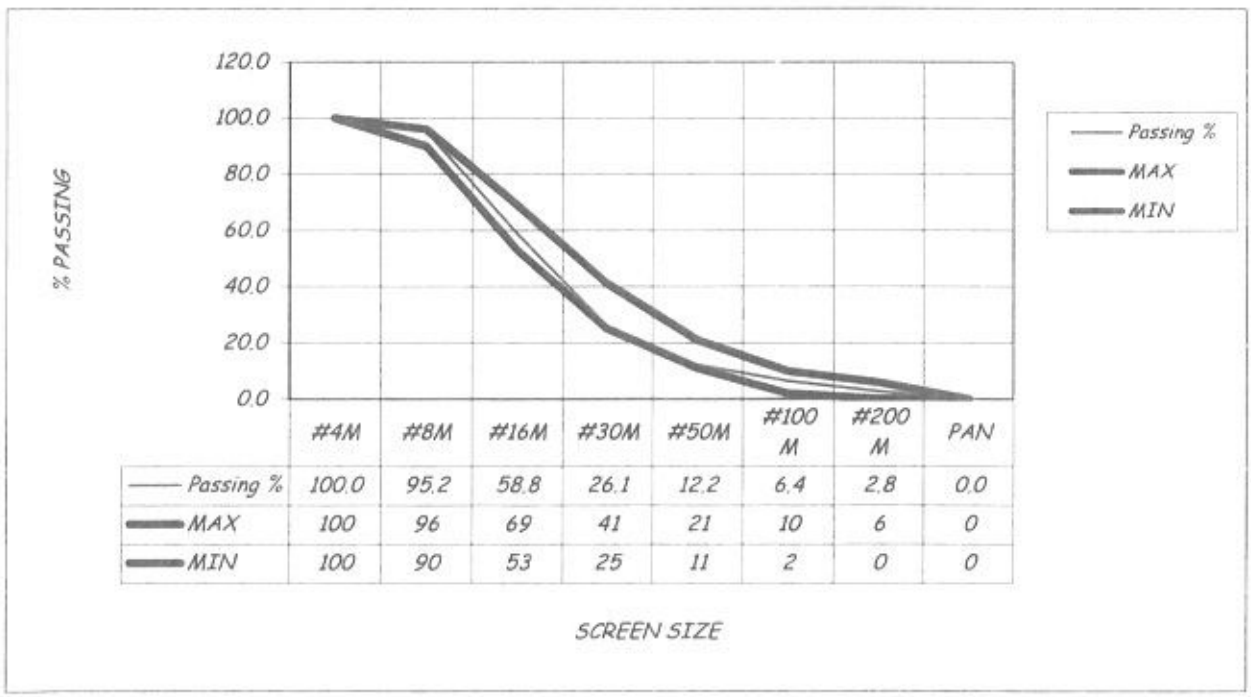
TICKET# Title 5 — #1 FINES GRADATION — PCM

SAMPLE: — DATE: 9/2/2011 — PLANT SPEC — FRAZIER

SIEVE SCREEN	CUM. WT.	C % R	SIEVE SCREEN	SIEVE Passing %	% PASSING MAX	% PASSING MIN	SIEVE %Retain
#4M	0.0	0.0	#4M	100.0	100	100	0.0
#8M	34.0	4.8	#8M	95.2	96	90	4.8
#16M	294.0	41.2	#16M	58.8	69	53	36.4
#30M	528.0	73.9	#30M	26.1	41	25	32.8
#50M	627.0	87.8	#50M	12.2	21	11	13.9
#100M	668.0	93.6	#100M	6.4	10	2	5.7
#200M	694.0	97.2	#200M	2.8	6	0	3.6
PAN	714.0	100.0	PAN	0.0	0	0	2.8

OVERNIGHT

Unit Wt	56.5	PCF	Dry Wt	PCF
Wet Wt	811.0			
Dry Wt	714.0	0		
%MOIST	13.6	DD		



	#4M	#8M	#16M	#30M	#50M	#100 M	#200 M	PAN
Passing %	100.0	95.2	58.8	26.1	12.2	6.4	2.8	0.0
MAX	100	96	69	41	21	10	6	0
MIN	100	90	53	25	11	2	0	0

HIGH PERFORMANCE LIGHTWEIGHT AGGREGATES

#1 FINES GRADATION

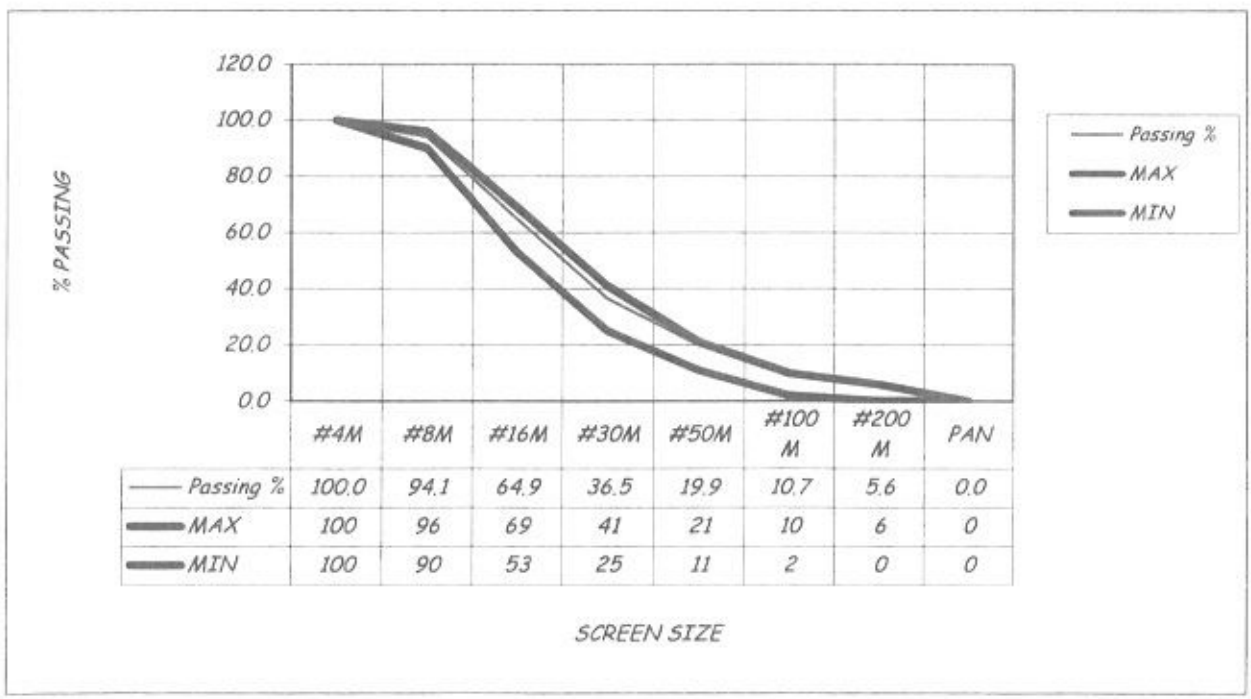
TICKET# Title 5 PCM

SAMPLE: DATE: 8/1/2011 PLANT SPEC FRAZIER

SIEVE SCREEN	CUM. WT.	C % R	SIEVE SCREEN	SIEVE Passing %	% PASSING MAX	% PASSING MIN	SIEVE %Retain
#4M	0.0	0.0	#4M	100.0	100	100	0.0
#8M	43.0	5.9	#8M	94.1	96	90	5.9
#16M	258.0	35.1	#16M	64.9	69	53	29.3
#30M	467.0	63.5	#30M	36.5	41	25	28.4
#50M	589.0	80.1	#50M	19.9	21	11	16.6
#100M	656.0	89.3	#100M	10.7	10	2	9.1
#200M	694.0	94.4	#200M	5.6	6	0	5.2
PAN	735.0	100.0	PAN	0.0	0	0	5.6

OVERNIGHT

Unit Wt	58.5	PCF	Dry Wt	PCF
Wet Wt	845.0			
Dry Wt	735.0	0		
%MOIST	15.0	DD		



HIGH PERFORMANCE LIGHT WEIGHT AGGREGATES

#1 FINES GRADATION

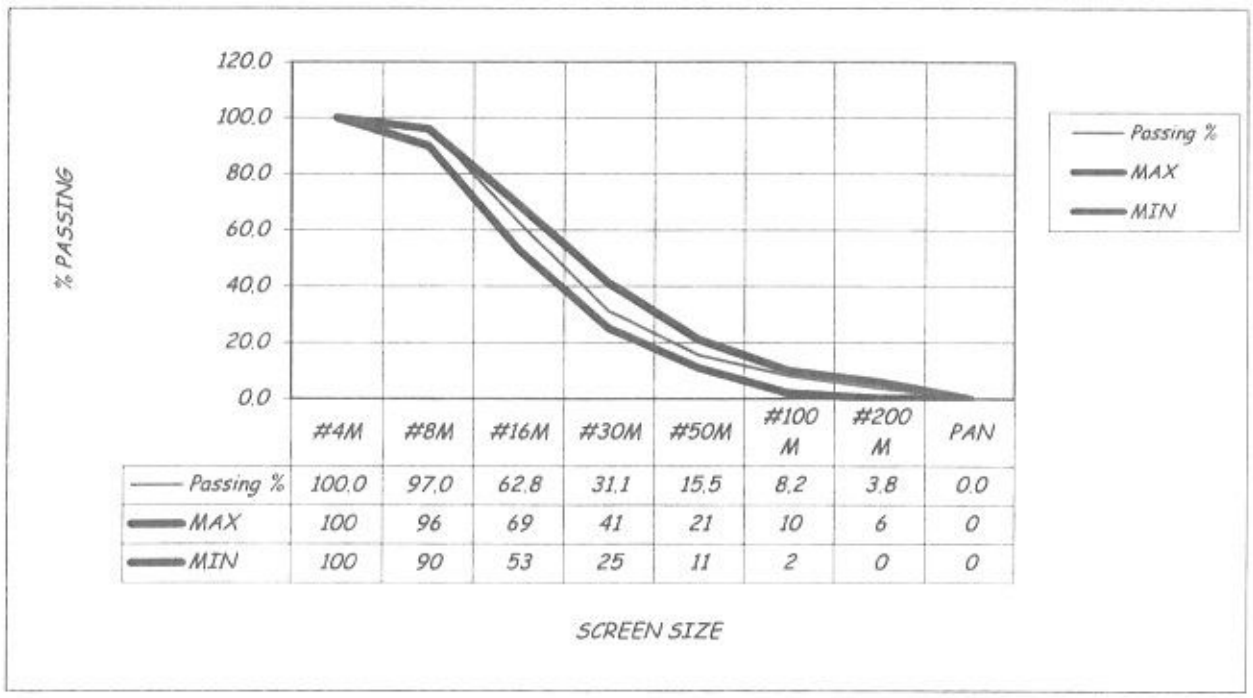
TICKET# Title 5 PCM

SAMPLE: DATE: 7/12/2011 PLANT SPEC FRAZIER

SIEVE SCREEN	TXJ CUM. WT.	C % R	SIEVE SCREEN	SIEVE Passing %	% PASSING MAX	% PASSING MIN	SIEVE %Retain
#4M	0.0	0.0	#4M	100.0	100	100	0.0
#8M	19.0	3.0	#8M	97.0	96	90	3.0
#16M	232.0	37.2	#16M	62.8	69	53	34.1
#30M	430.0	68.9	#30M	31.1	41	25	31.7
#50M	527.0	84.5	#50M	15.5	21	11	15.5
#100M	573.0	91.8	#100M	8.2	10	2	7.4
#200M	600.0	96.2	#200M	3.8	6	0	4.3
PAN	624.0	100.0	PAN	0.0	0	0	3.8

OVERNIGHT

Unit Wt	55	PCF	Dry Wt	PCF
Wet Wt	736.0			
Dry Wt	624.0	0		
%MOIST	17.9	DD		



	#4M	#8M	#16M	#30M	#50M	#100 M	#200 M	PAN
Passing %	100.0	97.0	62.8	31.1	15.5	8.2	3.8	0.0
MAX	100	96	69	41	21	10	6	0
MIN	100	90	53	25	11	2	0	0

HIGH PERFORMANCE LIGHTWEIGHT AGGREGATES

#1 FINES GRADATION

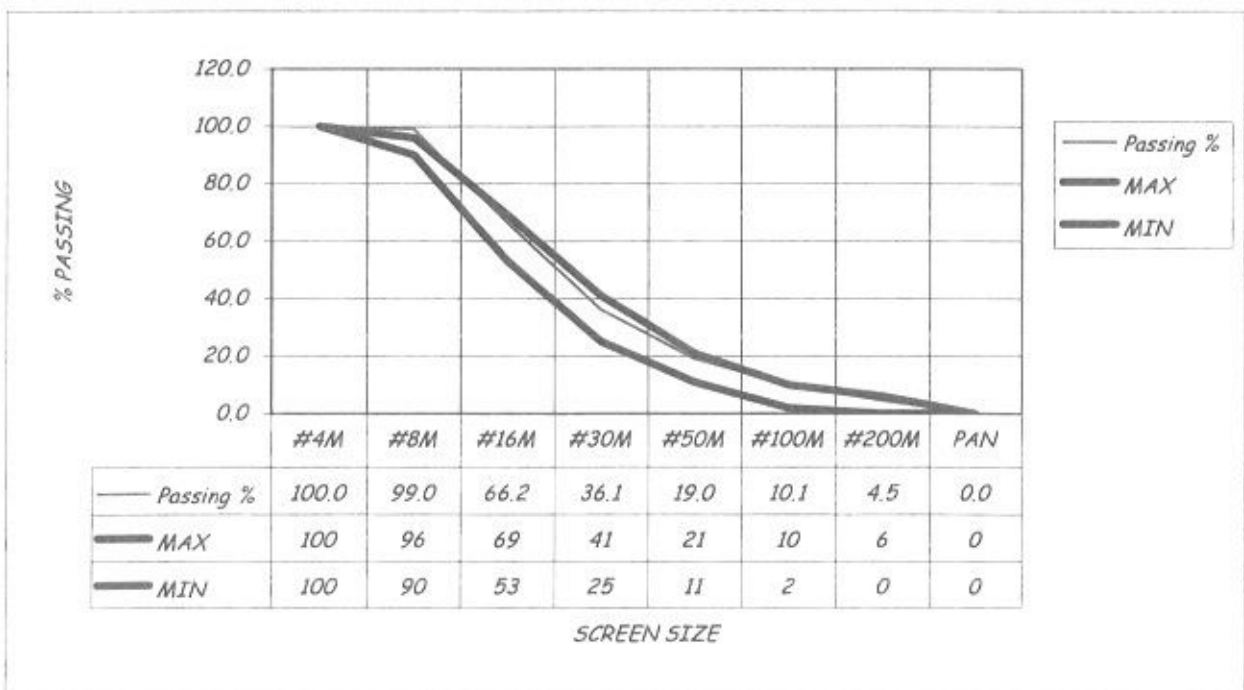
TICKET# Title 5 PCM

SAMPLE: DATE: 6/7/2011 PLANT SPEC FRAZIER

SIEVE SCREEN	TX1 CUM. WT.	C % R	SIEVE SCREEN	SIEVE Passing %	% PASSING MAX	% PASSING MIN	SIEVE %Retain
#4M	0.0	0.0	#4M	100.0	100	100	0.0
#8M	7.0	1.0	#8M	99.0	96	90	1.0
#16M	235.0	33.8	#16M	66.2	69	53	32.8
#30M	444.0	63.9	#30M	36.1	41	25	30.1
#50M	563.0	81.0	#50M	19.0	21	11	17.1
#100M	625.0	89.9	#100M	10.1	10	2	8.9
#200M	664.0	95.5	#200M	4.5	6	0	5.6
PAN	695.0	100.0	PAN	0.0	0	0	4.5

OVERNIGHT

Unit Wt	56.5	PCF	Dry Wt	PCF
Wet Wt	824.0			
Dry Wt	695.0	0		
%MOIST	18.6	0		



	#4M	#8M	#16M	#30M	#50M	#100M	#200M	PAN
Passing %	100.0	99.0	66.2	36.1	19.0	10.1	4.5	0.0
MAX	100	96	69	41	21	10	6	0
MIN	100	90	53	25	11	2	0	0

HIGH PERFORMANCE LIGHTWEIGHT AGGREGATES

#1 FINES GRADATION

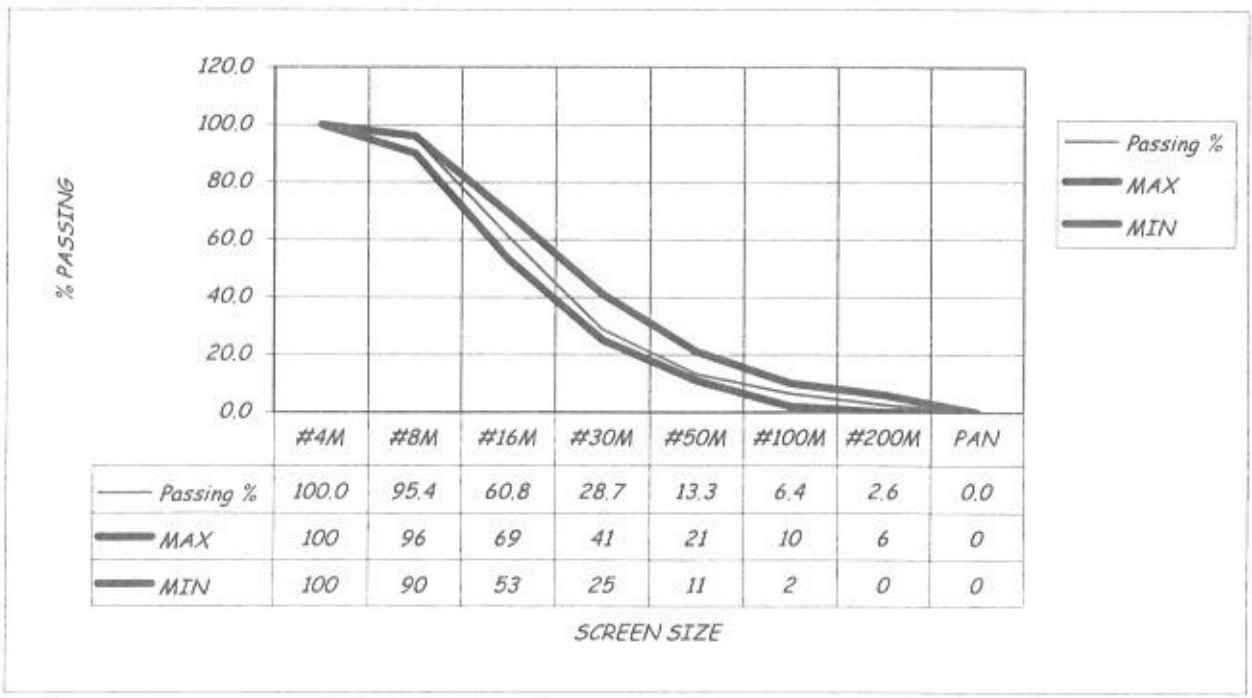
TICKET# moisture PCM

SAMPLE: 11:00 DATE: 5/2/2011 PLANT SPEC FRAZIER

SIEVE SCREEN	CUM. WT.	C % R	SIEVE SCREEN	SIEVE Passing %	% PASSING MAX	% PASSING MIN	SIEVE %Retain
#4M	0.0	0.0	#4M	100.0	100	100	0.0
#8M	23.0	4.6	#8M	95.4	96	90	4.6
#16M	195.0	39.2	#16M	60.8	69	53	34.5
#30M	355.0	71.3	#30M	28.7	41	25	32.1
#50M	432.0	86.7	#50M	13.3	21	11	15.5
#100M	466.0	93.6	#100M	6.4	10	2	6.8
#200M	485.0	97.4	#200M	2.6	6	0	3.8
PAN	498.0	100.0	PAN	0.0	0	0	2.6

OVERNIGHT

Unit Wt	55.5	PCF	Dry Wt	PCF
Wet Wt	594.0			
Dry Wt	498.0			
%MOIST	19.3			



	#4M	#8M	#16M	#30M	#50M	#100M	#200M	PAN
Passing %	100.0	95.4	60.8	28.7	13.3	6.4	2.6	0.0
MAX	100	96	69	41	21	10	6	0
MIN	100	90	53	25	11	2	0	0

HIGH PERFORMANCE LIGHTWEIGHT AGGREGATES

TICKET# moisture

#1 FINES GRADATION

PCM

SAMPLE: 11:32

DATE: 4/5/2011

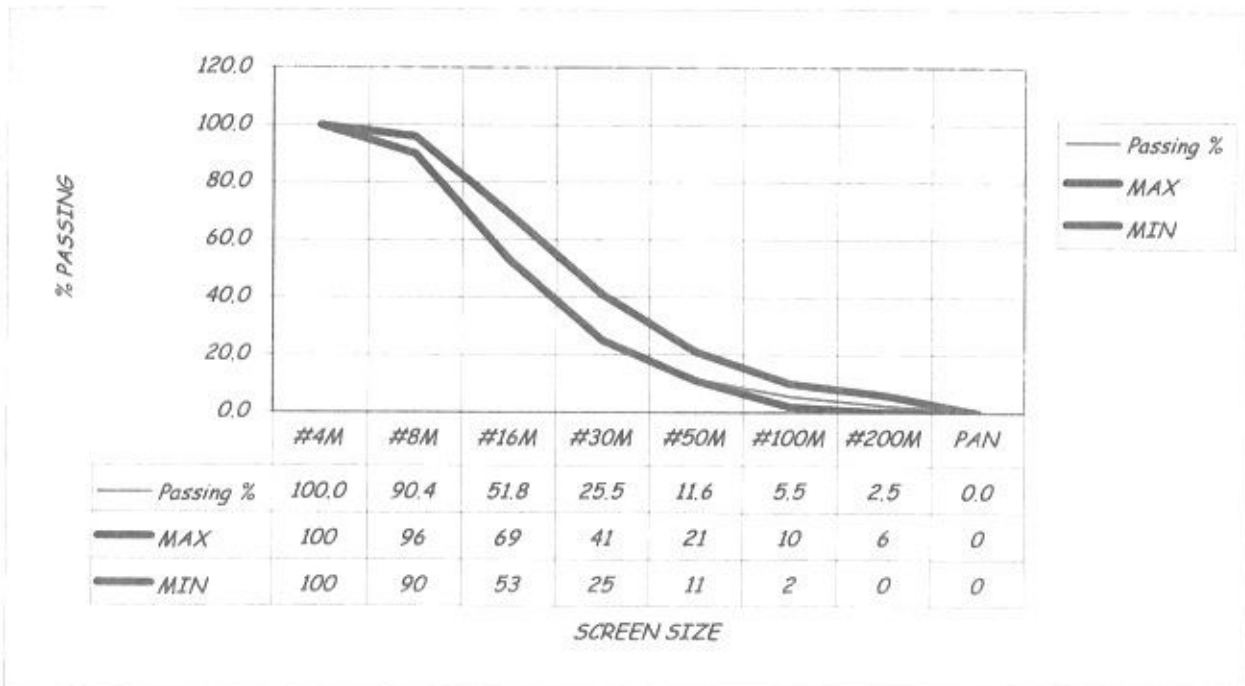
PLANT SPEC

FRAZIER

SIEVE SCREEN	CUM. WT.	C % R	SIEVE SCREEN	SIEVE Passing %	% PASSING MAX	% PASSING MIN	SIEVE %Retain
#4M	0.0	0.0	#4M	100.0	100	100	0.0
#8M	54.0	9.6	#8M	90.4	96	90	9.6
#16M	270.0	48.2	#16M	51.8	69	53	38.6
#30M	417.0	74.5	#30M	25.5	41	25	26.3
#50M	495.0	88.4	#50M	11.6	21	11	13.9
#100M	529.0	94.5	#100M	5.5	10	2	6.1
#200M	546.0	97.5	#200M	2.5	6	0	3.0
PAN	560.0	100.0	PAN	0.0	0	0	2.5

OVERNIGHT

Unit Wt	55.5	PCF	Dry Wt	PCF
Wet Wt	670.0			
Dry Wt	560.0			
%MOIST	19.6			



	#4M	#8M	#16M	#30M	#50M	#100M	#200M	PAN
Passing %	100.0	90.4	51.8	25.5	11.6	5.5	2.5	0.0
MAX	100	96	69	41	21	10	6	0
MIN	100	90	53	25	11	2	0	0

HIGH PERFORMANCE LIGHTWEIGHT AGGREGATES

#1 FINES GRADATION

TICKET# Moisture | PCM

SAMPLE: 6:45 | DATE: 3/14/2011 | PLANT SPEC | FRAZIER

SIEVE SCREEN	CUM. WT.	C % R	SIEVE SCREEN	SIEVE Passing %	% PASSING MAX	% PASSING MIN	SIEVE %Retain
#4M	0.0	0.0	#4M	100.0	100	100	0.0
#8M	47.0	7.4	#8M	92.6	96	90	7.4
#16M	270.0	42.3	#16M	57.7	69	53	34.9
#30M	441.0	69.0	#30M	31.0	41	25	26.8
#50M	532.0	83.3	#50M	16.7	21	11	14.2
#100M	580.0	90.8	#100M	9.2	10	2	7.5
#200M	609.0	95.3	#200M	4.7	6	0	4.5
PAN	639.0	100.0	PAN	0.0	0	0	4.7

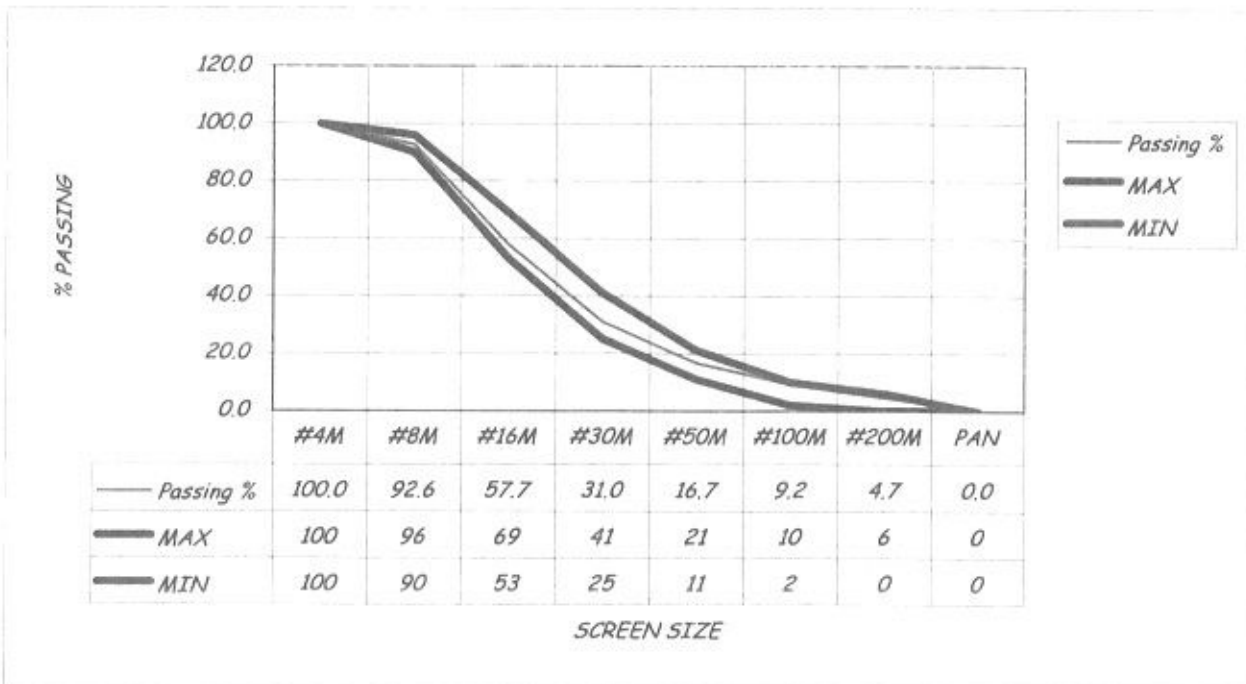
OVERNIGHT

Unit Wt 60 PCF | Dry Wt PCF

Wet Wt 748.0

Dry Wt 639.0

%MOIST 17.1



	#4M	#8M	#16M	#30M	#50M	#100M	#200M	PAN
Passing %	100.0	92.6	57.7	31.0	16.7	9.2	4.7	0.0
MAX	100	96	69	41	21	10	6	0
MIN	100	90	53	25	11	2	0	0

HIGH PERFORMANCE LIGHTWEIGHT AGGREGATES

#1 FINES GRADATION

TICKET# moisture | PCM

SAMPLE: 9:40 | DATE: 2/23/2011 | PLANT SPEC | FRAZIER

SIEVE SCREEN	CUM. WT.	C % R	SIEVE SCREEN	SIEVE Passing %	% PASSING MAX	% PASSING MIN	SIEVE %Retain
#4M	0.0	0.0	#4M	100.0	100	100	0.0
#8M	25.0	3.9	#8M	96.1	96	90	3.9
#16M	245.0	38.3	#16M	61.7	69	53	34.4
#30M	444.0	69.4	#30M	30.6	41	25	31.1
#50M	556.0	86.9	#50M	13.1	21	11	17.5
#100M	601.0	93.9	#100M	6.1	10	2	7.0
#200M	623.0	97.3	#200M	2.7	6	0	3.4
PAN	640.0	100.0	PAN	0.0	0	0	2.7

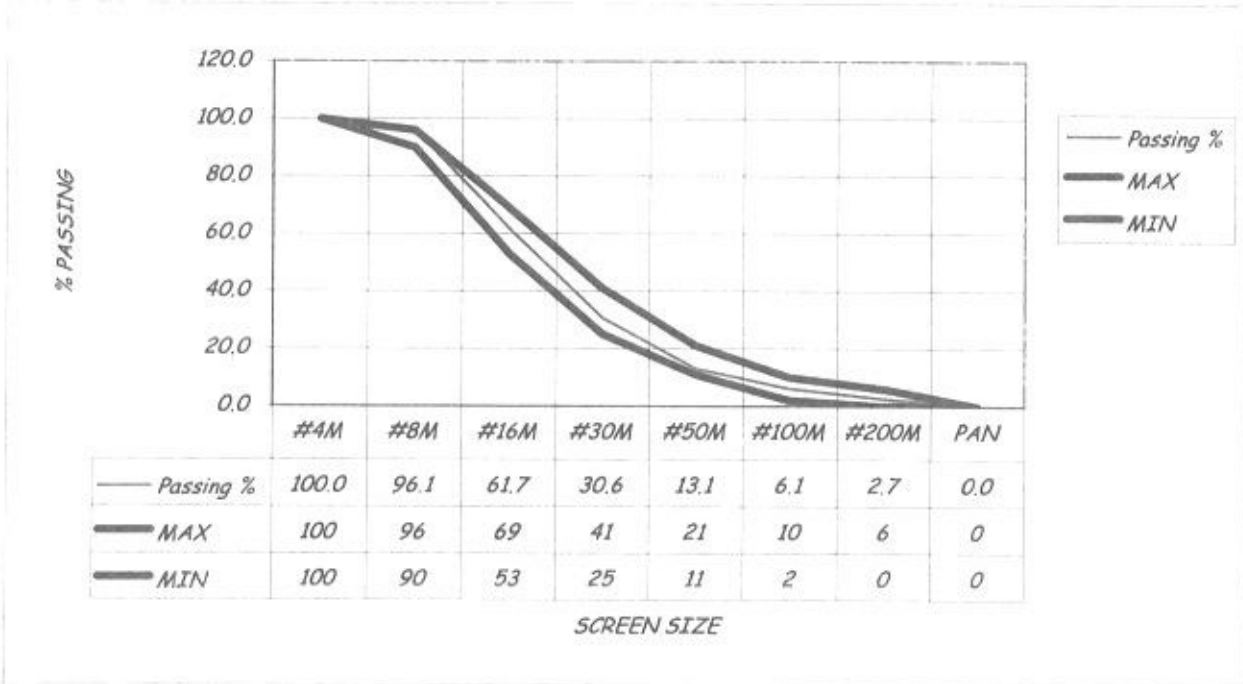
OVERNIGHT

Unit Wt 51.5 PCF | Dry Wt | PCF

Wet Wt 779.0

Dry Wt 640.0

%MOIST 21.7



	#4M	#8M	#16M	#30M	#50M	#100M	#200M	PAN
Passing %	100.0	96.1	61.7	30.6	13.1	6.1	2.7	0.0
MAX	100	96	69	41	21	10	6	0
MIN	100	90	53	25	11	2	0	0

HIGH PERFORMANCE LIGHTWEIGHT AGGREGATES

#1 FINES GRADATION

TICKET# Moisture PCM

SAMPLE: 10:45 DATE: 1/10/2011 PLANT SPEC FRAZIER

SIEVE SCREEN	CUM. WT.	C % R	SIEVE SCREEN	SIEVE Passing %	% PASSING MAX	% PASSING MIN	SIEVE %Retain
#4M	0.0	0.0	#4M	100.0	100	100	0.0
#8M	54.0	9.1	#8M	90.9	96	90	9.1
#16M	312.0	52.5	#16M	47.5	69	53	43.4
#30M	459.0	77.3	#30M	22.7	41	25	24.7
#50M	526.0	88.6	#50M	11.4	21	11	11.3
#100M	557.0	93.8	#100M	6.2	10	2	5.2
#200M	574.0	96.6	#200M	3.4	6	0	2.9
PAN	594.0	100.0	PAN	0.0	0	0	3.4

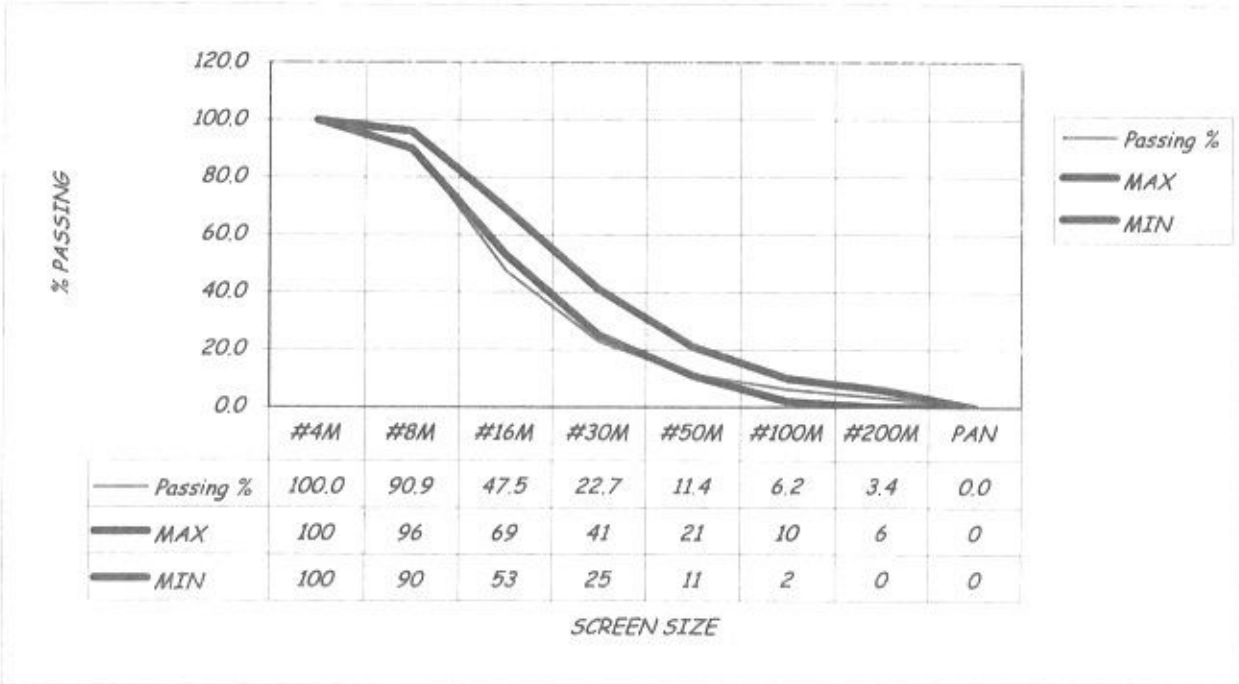
OVERNIGHT

Unit Wt 56.5 PCF Dry Wt PCF

Wet Wt 701.0

Dry Wt 594.0

%MOIST 18.0



	#4M	#8M	#16M	#30M	#50M	#100M	#200M	PAN
Passing %	100.0	90.9	47.5	22.7	11.4	6.2	3.4	0.0
MAX	100	96	69	41	21	10	6	0
MIN	100	90	53	25	11	2	0	0

HIGH PERFORMANCE LIGHT WEIGHT AGGREGATES

TICKET # Stacker — 3/8" HYDROLITE SIEVE ANALYSIS — PCM

SAMPLE: 1/7/2013 — FRAZIER

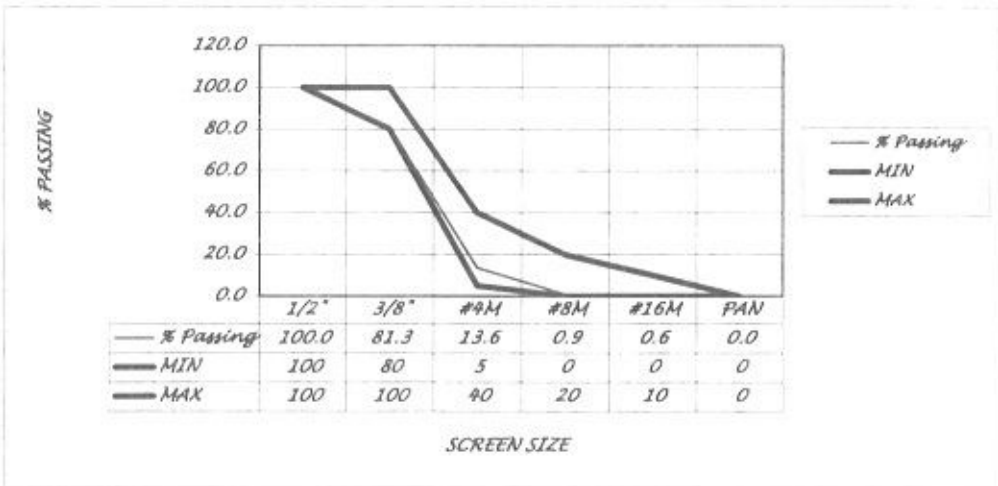
Time 8AM

Company TXI

Plant Frazier Park

SIEVE SCREEN	CUM. WT.	C % R	SIEVE SCREEN	SIEVE % Passing	ASTM C-330 % PASSING MIN	ASTM C-330 % PASSING MAX	SIEVE % Retain
1/2"	0.0	0.0	1/2"	100.0	100	100	0.0
3/8"	99.0	18.7	3/8"	81.3	80	100	18.7
#4M	458.0	86.4	#4M	13.6	5	40	67.7
#8M	525.0	99.1	#8M	0.9	0	20	12.6
#16M	527.0	99.4	#16M	0.6	0	10	0.4
PAN	530.0	100.0	PAN	0.0	0	0	0.6
		0		100			
Unit Wt.	48.0	PCF		Dry Wt.		PCF	
Wet Wt.	598	Wt.(Pan)	530.0			% MOIST	12.8
Gross WT.	1643	Tare wt	1392			SP Gravity (wet)	1.72

My Unit wt
Name



	1/2"	3/8"	#4M	#8M	#16M	PAN
% Passing	100.0	81.3	13.6	0.9	0.6	0.0
MIN	100	80	5	0	0	0
MAX	100	100	40	20	10	0

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Frazier Park, CA. 93225

HIGH PERFORMANCE LIGHT WEIGHT AGGREGATES

TICKET # Stacker — 3/8" HYDROLITE SIEVE ANALYSIS — PCM

SAMPLE: 12/19/2012 — FRAZIER

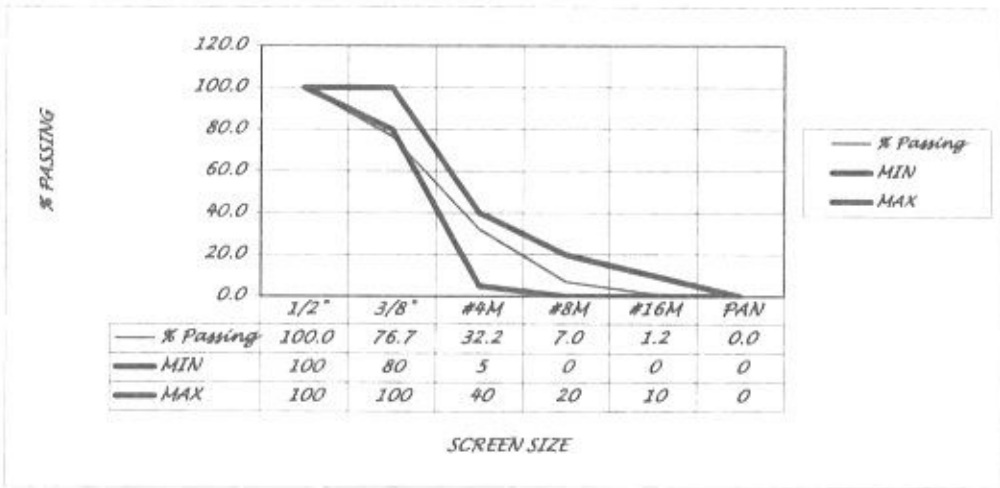
Time 8AM

Company TXI

Plant Frazier Park

SIEVE SCREEN	CUM. WT.	C % R	SIEVE SCREEN	SIEVE % Passing	ASTM C-330 % PASSING MIN	ASTM C-330 % PASSING MAX	SIEVE % Retain
1/2"	0.0	0.0	1/2"	100.0	100	100	0.0
3/8"	100.0	23.3	3/8"	76.7	80	100	23.3
#4M	291.0	67.8	#4M	32.2	5	40	44.5
#8M	399.0	93.0	#8M	7.0	0	20	25.2
#16M	424.0	98.8	#16M	1.2	0	10	5.8
PAN	429.0	100.0	PAN	0.0	0	0	1.2
		0		100			
Unit Wt.	45.0	PCF		Dry Wt.		PCF	
Wet Wt.	478	Wt.(Pan)	429.0		% MOIST		11.4
Gross WT.	1554	Tare wt	1392		SP Gravity (wet)		1.51

My Unit wt
Name



	1/2"	3/8"	#4M	#8M	#16M	PAN
% Passing	100.0	76.7	32.2	7.0	1.2	0.0
MIN	100	80	5	0	0	0
MAX	100	100	40	20	10	0

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HIGH PERFORMANCE LIGHT WEIGHT AGGREGATES

TICKET # Stacker — 3/8" HYDROLITE SIEVE ANALYSIS — PCM

SAMPLE: 11/12/2012 — FRAZIER

Time 8AM

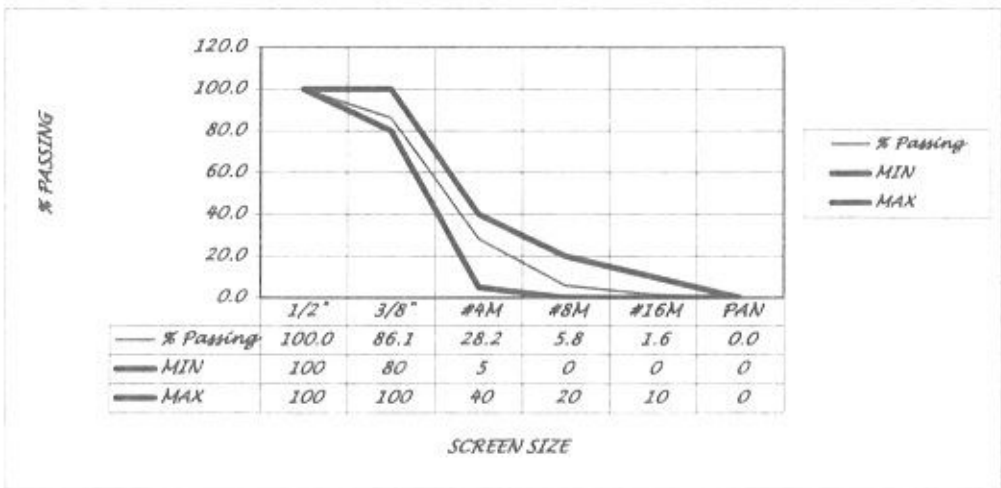
Company TXI

Plant Frazier Park

SIEVE SCREEN	CUM. WT.	C % R	SIEVE SCREEN	SIEVE % Passing	ASTM C-330 % PASSING MIN	ASTM C-330 % PASSING MAX	SIEVE % Retain
1/2"	0.0	0.0	1/2"	100.0	100	100	0.0
3/8"	79.0	13.9	3/8"	86.1	80	100	13.9
#4M	407.0	71.8	#4M	28.2	5	40	57.8
#8M	534.0	94.2	#8M	5.8	0	20	22.4
#16M	558.0	98.4	#16M	1.6	0	10	4.2
PAN	567.0	100.0	PAN	0.0	0	0	1.6
		0		100			
Unit Wt.	55.5	PCF		Dry Wt.		PCF	
Wet Wt.	662	Wt.(Pan)	567.0		% MOIST		16.8
Gross WT.	1674	Tare wt	1392		SP Gravity (wet)		1.74

My Unit wt

Name



	1/2"	3/8"	#4M	#8M	#16M	PAN
% Passing	100.0	86.1	28.2	5.8	1.6	0.0
MIN	100	80	5	0	0	0
MAX	100	100	40	20	10	0

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HIGH PERFORMANCE LIGHT WEIGHT AGGREGATES

TICKET # Stacker — 3/8" HYDROLITE SIEVE ANALYSIS — PCM

SAMPLE: 9/28/2012 — FRAZIER

Time 8AM

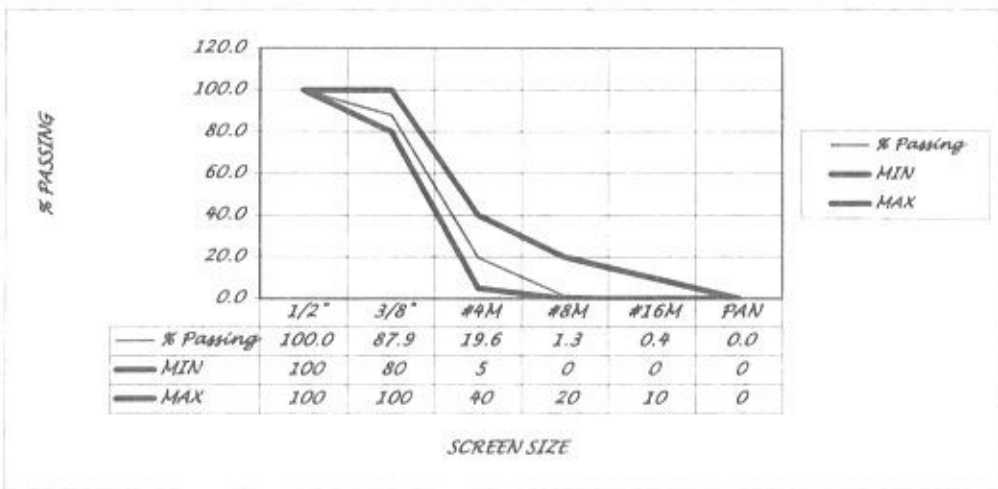
Company TXI

Plant Frazier Park

SIEVE SCREEN	CUM. WT.	C % R	SIEVE SCREEN	SIEVE % Passing	ASTM C-330 % PASSING MIN	ASTM C-330 % PASSING MAX	SIEVE % Retain
1/2"	0.0	0.0	1/2"	100.0	100	100	0.0
3/8"	65.0	12.1	3/8"	87.9	80	100	12.1
#4M	432.0	80.4	#4M	19.6	5	40	68.3
#8M	530.0	98.7	#8M	1.3	0	20	18.2
#16M	535.0	99.6	#16M	0.4	0	10	0.9
PAN	537.0	100.0	PAN	0.0	0	0	0.4
		0		100			
Unit Wt.	53.0	PCF		Dry Wt.		PCF	
Wet Wt.	643	Wt.(Pan)	537.0		% MOIST		19.7
Gross WT.	1645	Tare wt	1392		SP Gravity (wet)		1.65

My Unit wt

Name



	1/2"	3/8"	#4M	#8M	#16M	PAN
% Passing	100.0	87.9	19.6	1.3	0.4	0.0
MIN	100	80	5	0	0	0
MAX	100	100	40	20	10	0

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HIGH PERFORMANCE LIGHT WEIGHT AGGREGATES

TICKET # Stacker — 3/8" HYDROLITE SIEVE ANALYSIS — PCM

SAMPLE: 8/2/2012 — FRAZIER

Time 8AM

Company TXI

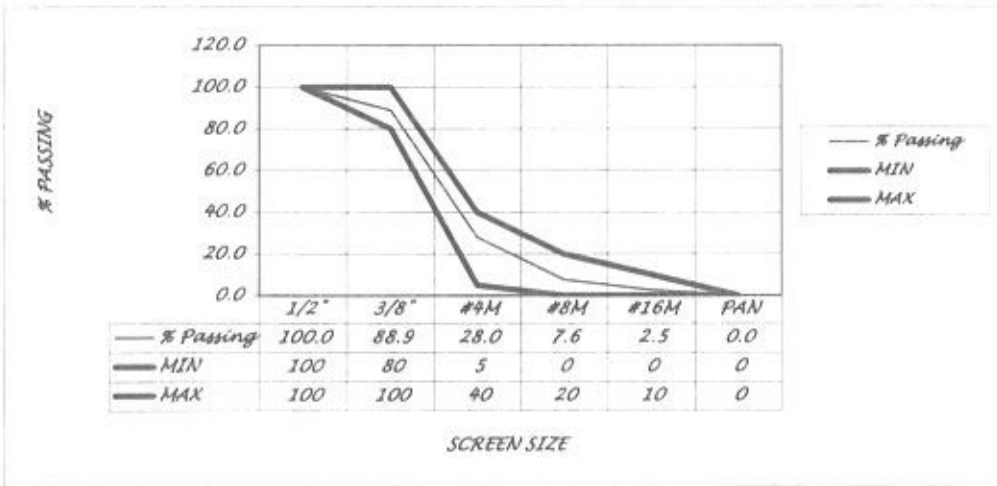
Plant Frazier Park

SIEVE SCREEN	CUM. WT.	C % R	SIEVE SCREEN	SIEVE % Passing	ASTM C-330 % PASSING MIN	ASTM C-330 % PASSING MAX	SIEVE % Retain
1/2"	0.0	0.0	1/2"	100.0	100	100	0.0
3/8"	66.0	11.1	3/8"	88.9	80	100	11.1
#4M	429.0	72.0	#4M	28.0	5	40	60.9
#8M	551.0	92.4	#8M	7.6	0	20	20.5
#16M	581.0	97.5	#16M	2.5	0	10	5.0
PAN	596.0	100.0	PAN	0.0	0	0	2.5
		0		100			

Unit Wt.	55.0	PCF		Dry Wt.	PCF
Wet Wt.	712	Wt.(Pan)	596.0	% MOIST	19.5
Gross WT.	1706	Tare wt	1392	SP Gravity (wet)	1.79

My Unit wt

Name



	1/2"	3/8"	#4M	#8M	#16M	PAN
% Passing	100.0	88.9	28.0	7.6	2.5	0.0
MIN	100	80	5	0	0	0
MAX	100	100	40	20	10	0

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HIGH PERFORMANCE LIGHT WEIGHT AGGREGATES

TICKET # Stacker — 3/8" HYDROLITE SIEVE ANALYSIS — PCM

SAMPLE: 7/20/2012 — FRAZIER

Time 8AM

Company TXI

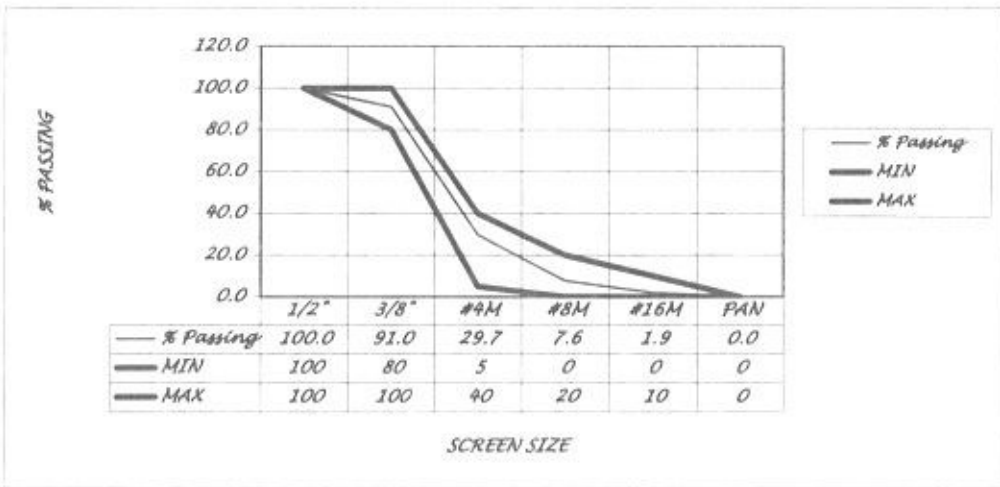
Plant Frazier Park

SIEVE SCREEN	CUM. WT.	C % R	SIEVE SCREEN	SIEVE % Passing	ASTM C-330 % PASSING MIN	ASTM C-330 % PASSING MAX	SIEVE % Retain
1/2"	0.0	0.0	1/2"	100.0	100	100	0.0
3/8"	51.0	9.0	3/8"	91.0	80	100	9.0
#4M	400.0	70.3	#4M	29.7	5	40	61.3
#8M	526.0	92.4	#8M	7.6	0	20	22.1
#16M	558.0	98.1	#16M	1.9	0	10	5.6
PAN	569.0	100.0	PAN	0.0	0	0	1.9
		0		100			

Unit Wt.	52.0	PCF		Dry Wt.	PCF	
Wet Wt.	682	Wt.(Pan)	569.0	% MOIST		19.9
Gross WT.	1672	Tare wt	1392	SP Gravity (wet)		1.70

My Unit wt

Name



	1/2"	3/8"	#4M	#8M	#16M	PAN
% Passing	100.0	91.0	29.7	7.6	1.9	0.0
MIN	100	80	5	0	0	0
MAX	100	100	40	20	10	0

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HIGH PERFORMANCE LIGHT WEIGHT AGGREGATES

TICKET # Stacker — 3/8" HYDROLITE SIEVE ANALYSIS — PCM

SAMPLE: 6/20/2012 — FRAZIER

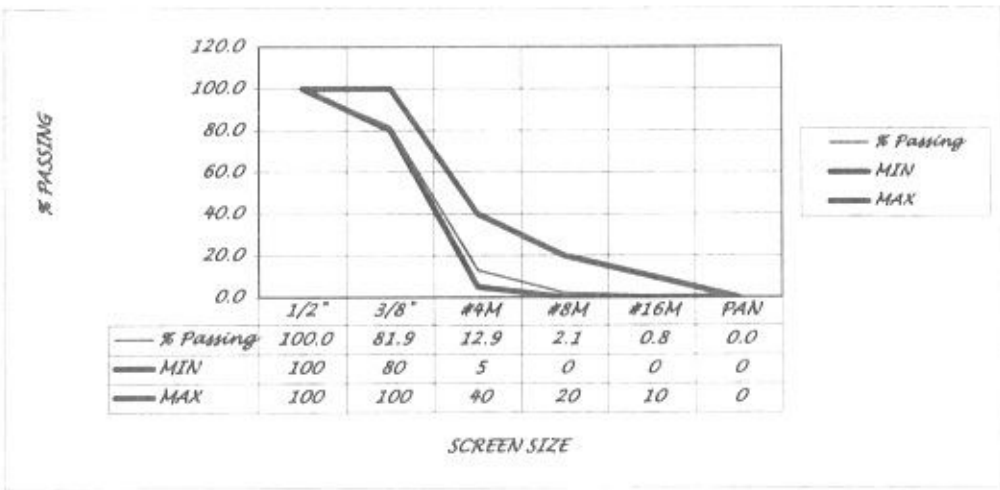
Time 8AM

Company TXI

Plant Frazier Park

SIEVE SCREEN	CUM. WT.	C % R	SIEVE SCREEN	SIEVE % Passing	ASTM C-330 % PASSING MIN	ASTM C-330 % PASSING MAX	SIEVE % Retain
1/2"	0.0	0.0	1/2"	100.0	100	100	0.0
3/8"	94.0	18.1	3/8"	81.9	80	100	18.1
#4M	452.0	87.1	#4M	12.9	5	40	69.0
#8M	508.0	97.9	#8M	2.1	0	20	10.8
#16M	515.0	99.2	#16M	0.8	0	10	1.3
PAN	519.0	100.0	PAN	0.0	0	0	0.8
		0		100			
Unit Wt.	50.0	PCF		Dry Wt.		PCF	
Wet Wt.	635	Wt.(Pan)	519.0		% MOIST		22.4
Gross WT.	1637	Tare wt	1390		SP Gravity (wet)		1.64

My Unit wt
Name



	1/2"	3/8"	#4M	#8M	#16M	PAN
% Passing	100.0	81.9	12.9	2.1	0.8	0.0
MIN	100	80	5	0	0	0
MAX	100	100	40	20	10	0

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HIGH PERFORMANCE LIGHT WEIGHT AGGREGATES

TICKET # Stacker — 3/8" HYDROLITE SIEVE ANALYSIS — PCM

SAMPLE: 5/25/2012 — FRAZIER

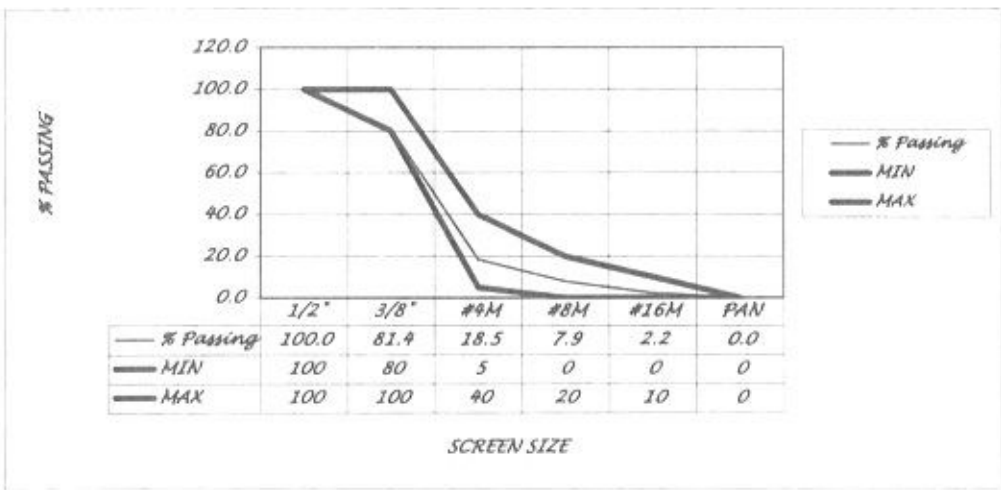
Time 12PM

Company TXI

Plant Frazier Park

SIEVE SCREEN	CUM. WT.	C % R	SIEVE SCREEN	SIEVE % Passing	ASTM C-330 % PASSING MIN	ASTM C-330 % PASSING MAX	SIEVE % Retain
1/2"	0.0	0.0	1/2"	100.0	100	100	0.0
3/8"	101.0	18.6	3/8"	81.4	80	100	18.6
#4M	442.0	81.5	#4M	18.5	5	40	62.9
#8M	499.0	92.1	#8M	7.9	0	20	10.5
#16M	530.0	97.8	#16M	2.2	0	10	5.7
PAN	542.0	100.0	PAN	0.0	0	0	2.2
		0		100			

Unit Wt.	51.0	PCF		Dry Wt.	PCF	
Wet Wt.	632	Wt.(Pan)	542.0		% MOIST	16.6
Gross WT.	1655	Tare wt	1392		SP Gravity (wet)	1.71
My Unit wt	1392.0					
Name						



	1/2"	3/8"	#4M	#8M	#16M	PAN
% Passing	100.0	81.4	18.5	7.9	2.2	0.0
MIN	100	80	5	0	0	0
MAX	100	100	40	20	10	0

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HIGH PERFORMANCE LIGHT WEIGHT AGGREGATES

TICKET # Stacker — 3/8" HYDROLITE SIEVE ANALYSIS — PCM

SAMPLE: 4/19/2012 — FRAZIER

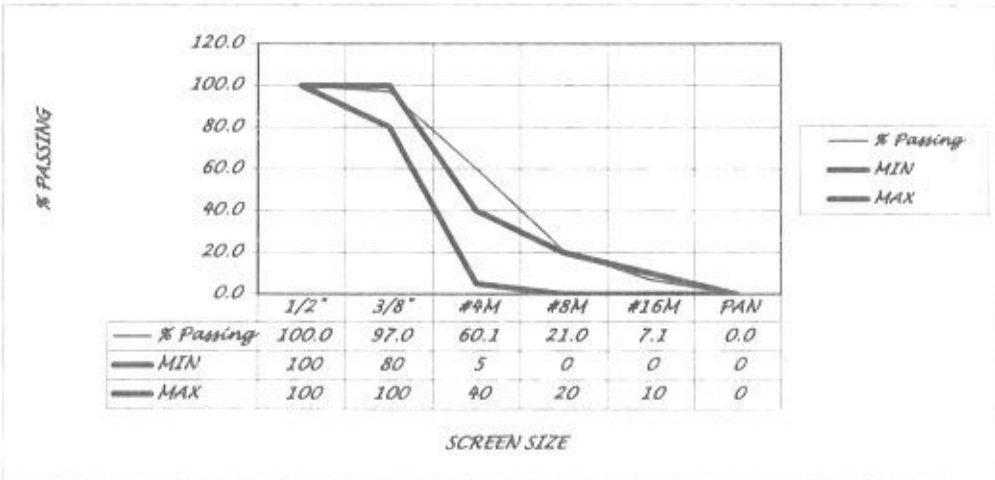
Time 8AM

Company TXI

Plant Frazier Park

SIEVE SCREEN	CUM. WT.	C % R	SIEVE SCREEN	SIEVE % Passing	ASTM C-330 % PASSING MIN	ASTM C-330 % PASSING MAX	SIEVE % Retain
1/2"	0.0	0.0	1/2"	100.0	100	100	0.0
3/8"	16.0	3.0	3/8"	97.0	80	100	3.0
#4M	215.0	39.9	#4M	60.1	5	40	36.9
#8M	426.0	79.0	#8M	21.0	0	20	39.1
#16M	501.0	92.9	#16M	7.1	0	10	13.9
PAN	539.0	100.0	PAN	0.0	0	0	7.1
		0		100			
Unit Wt.	48.0	PCF		Dry Wt.		PCF	
Wet Wt.	684	Wt.(Pan)	539.0		% MOIST		26.9
Gross WT.	1642	Tare wt	1392		SP Gravity (wet)		1.58

My Unit wt
Name



	1/2"	3/8"	#4M	#8M	#16M	PAN
% Passing	100.0	97.0	60.1	21.0	7.1	0.0
MIN	100	80	5	0	0	0
MAX	100	100	40	20	10	0

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Frazier Park, CA. 93225

Raw Plant Moisture and Gradation

Raw Plant — Raw clay — PCM

Operator — DATE: 12/28/2012 — PLANT SPEC FRAZIER

Shift Day

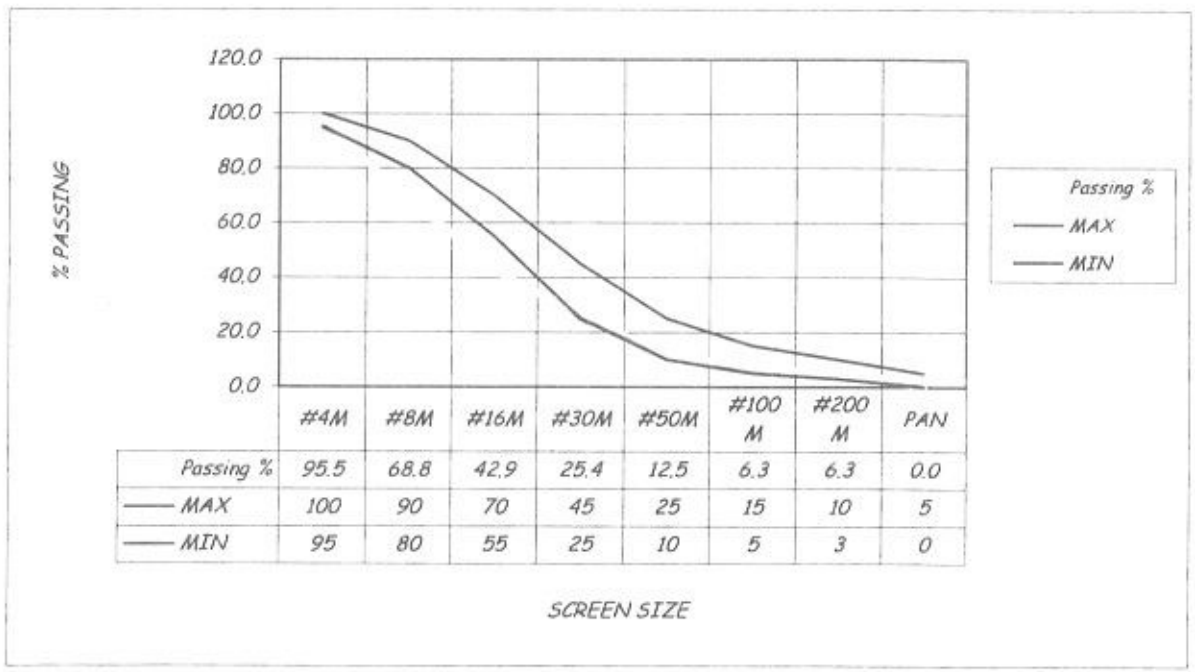
SCREEN	CUM. WT.	C % R	SIEVE SCREEN	SIEVE Passing %	% PASSING MAX	% PASSING MIN	SIEVE %Retain
#4M	26.0	4.5	#4M	95.5	100	95	4.5
#8M	182.0	31.2	#8M	68.8	90	80	26.8
#16M	333.0	57.1	#16M	42.9	70	55	25.9
#30M	435.0	74.6	#30M	25.4	45	25	17.5
#50M	510.0	87.5	#50M	12.5	25	10	12.9
#100M	546.0	93.7	#100M	6.3	15	5	6.2
#200M	546.0	93.7	#200M	6.3	10	3	0.0
PAN	583.0	100.0	PAN	0.0	5	0	6.3

Sample Locations

Unit Wt	70	1	17.10%
Wet Wt	685.0	2	19.40%
Dry Wt	583.0	3	19.00%
%MOIST	17.5		

pellet moisture

wet	400
dry	309
%moist	29.4



	#4M	#8M	#16M	#30M	#50M	#100 M	#200 M	PAN
Passing %	95.5	68.8	42.9	25.4	12.5	6.3	6.3	0.0
MAX	100	90	70	45	25	15	10	5
MIN	95	80	55	25	10	5	3	0

Raw Plant Moisture and Gradation

Raw Plant — Raw clay — PCM

Operator — DATE: 11/13/2012 — PLANT SPEC — FRAZIER

Shift — Day

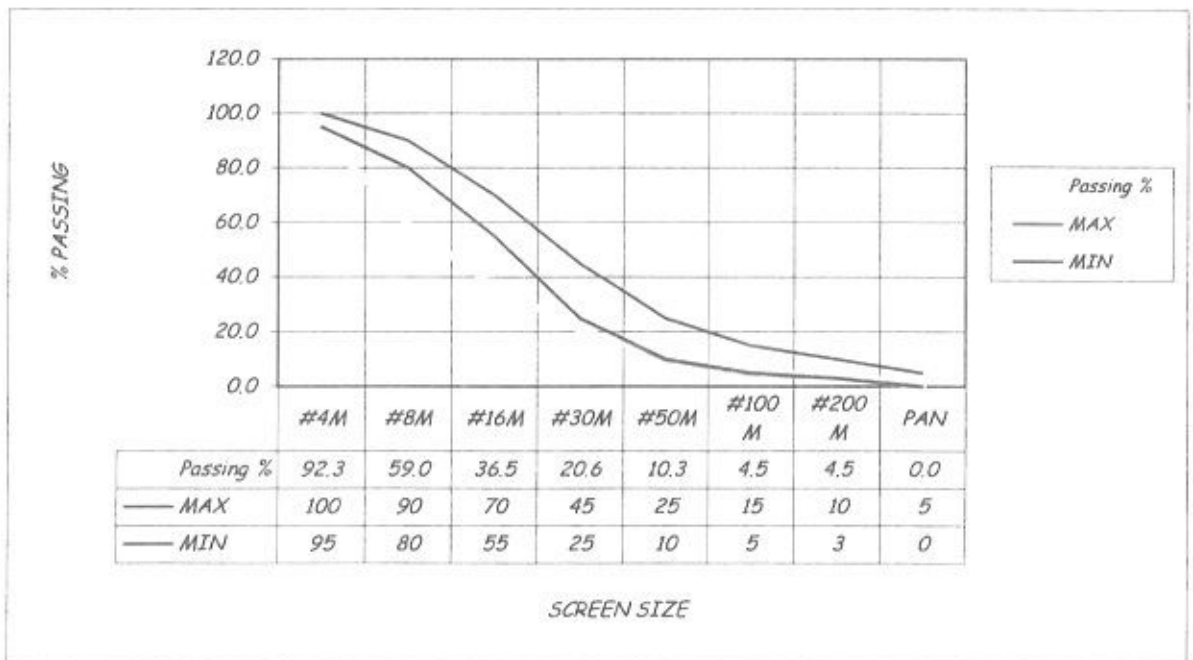
SCREEN	CUM. WT.	C % R	SIEVE SCREEN	SIEVE Passing %	% PASSING MAX	% PASSING MIN	SIEVE %Retain
#4M	63.0	7.7	#4M	92.3	100	95	7.7
#8M	334.0	41.0	#8M	59.0	90	80	33.3
#16M	517.0	63.5	#16M	36.5	70	55	22.5
#30M	646.0	79.4	#30M	20.6	45	25	15.8
#50M	730.0	89.7	#50M	10.3	25	10	10.3
#100M	777.0	95.5	#100M	4.5	15	5	5.8
#200M	777.0	95.5	#200M	4.5	10	3	0.0
PAN	814.0	100.0	PAN	0.0	5	0	4.5

Sample Locations

Unit Wt	70	1	17.80%
Wet Wt	959.0	2	18.13%
Dry Wt	814.0	3	15.50%
%MOIST	17.8		

pellet moisture

wet	333
dry	254
%moist	31.1



	#4M	#8M	#16M	#30M	#50M	#100 M	#200 M	PAN
Passing %	92.3	59.0	36.5	20.6	10.3	4.5	4.5	0.0
MAX	100	90	70	45	25	15	10	5
MIN	95	80	55	25	10	5	3	0

Raw Plant Moisture and Gradation

Raw Plant — Raw clay — PCM

Operator — DATE: 9/18/2012 — PLANT SPEC — FRAZIER

Shift — Day

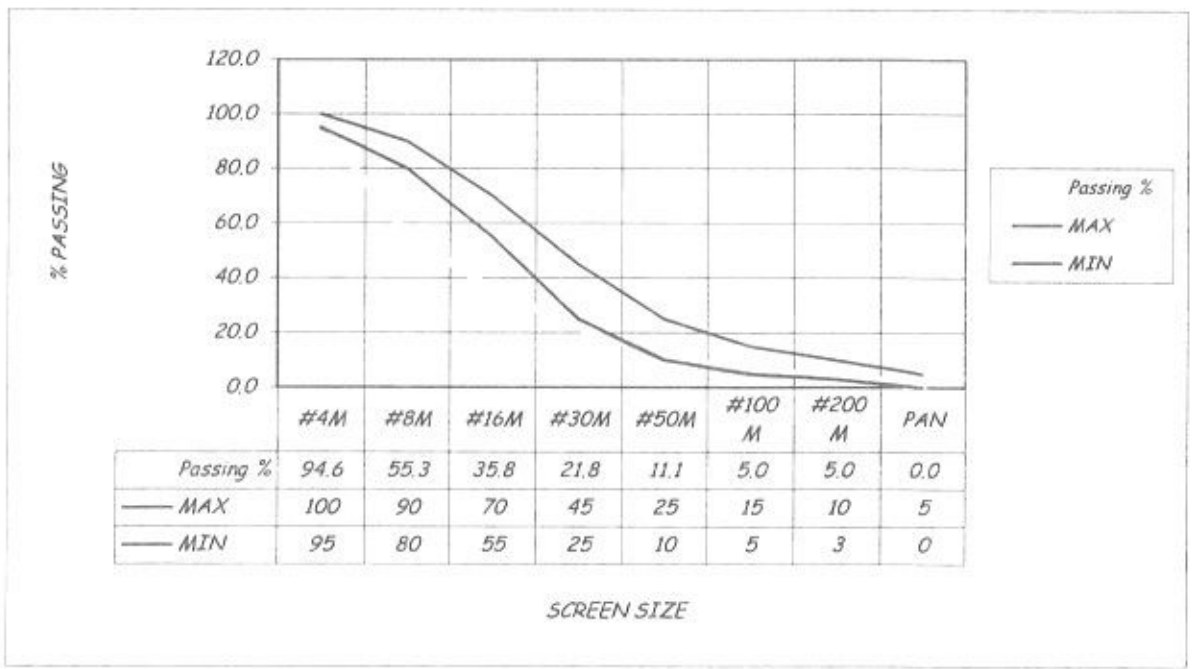
SCREEN	CUM. WT.	C % R	SIEVE SCREEN	SIEVE Passing %	% PASSING MAX	% PASSING MIN	SIEVE %Retain
#4M	37.0	5.4	#4M	94.6	100	95	5.4
#8M	306.0	44.7	#8M	55.3	90	80	39.3
#16M	440.0	64.2	#16M	35.8	70	55	19.6
#30M	536.0	78.2	#30M	21.8	45	25	14.0
#50M	609.0	88.9	#50M	11.1	25	10	10.7
#100M	651.0	95.0	#100M	5.0	15	5	6.1
#200M	651.0	95.0	#200M	5.0	10	3	0.0
PAN	685.0	100.0	PAN	0.0	5	0	5.0

Sample Locations

Unit Wt	70	1	15.20%
Wet Wt	789.0	2	15.40%
Dry Wt	685.0	3	15.00%
%MOIST	15.2		

pellet moisture

wet	239
dry	182
%moist	31.3



	#4M	#8M	#16M	#30M	#50M	#100 M	#200 M	PAN
Passing %	94.6	55.3	35.8	21.8	11.1	5.0	5.0	0.0
MAX	100	90	70	45	25	15	10	5
MIN	95	80	55	25	10	5	3	0

Raw Plant Moisture and Gradation

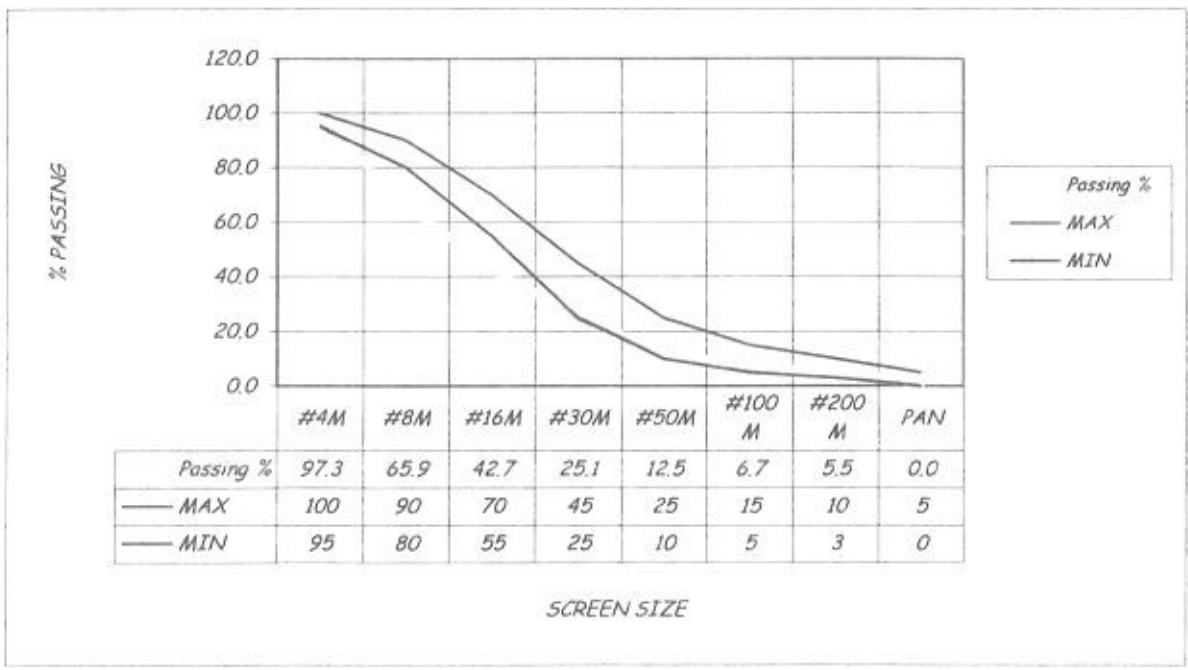
Raw Plant — Raw clay — PCM

Operator | DATE: 8/7/2012 | PLANT SPEC | FRAZIER

Shift: Day

SCREEN	CUM. WT.	C % R	SCREEN	SIEVE Passing %	% PASSING MAX	% PASSING MIN	SIEVE %Retain
#4M	20.0	2.7	#4M	97.3	100	95	2.7
#8M	249.0	34.1	#8M	65.9	90	80	31.4
#16M	418.0	57.3	#16M	42.7	70	55	23.2
#30M	547.0	74.9	#30M	25.1	45	25	17.7
#50M	639.0	87.5	#50M	12.5	25	10	12.6
#100M	681.0	93.3	#100M	6.7	15	5	5.8
#200M	690.0	94.5	#200M	5.5	10	3	1.2
PAN	730.0	100.0	PAN	0.0	5	0	5.5

		Sample Locations		pellet moisture	
Unit Wt	70	1	18.50%	wet	470
Wet Wt	855.0	2	18.70%	dry	363
Dry Wt	730.0	3	17.80%	%moist	29.5
%MOIST	17.1				



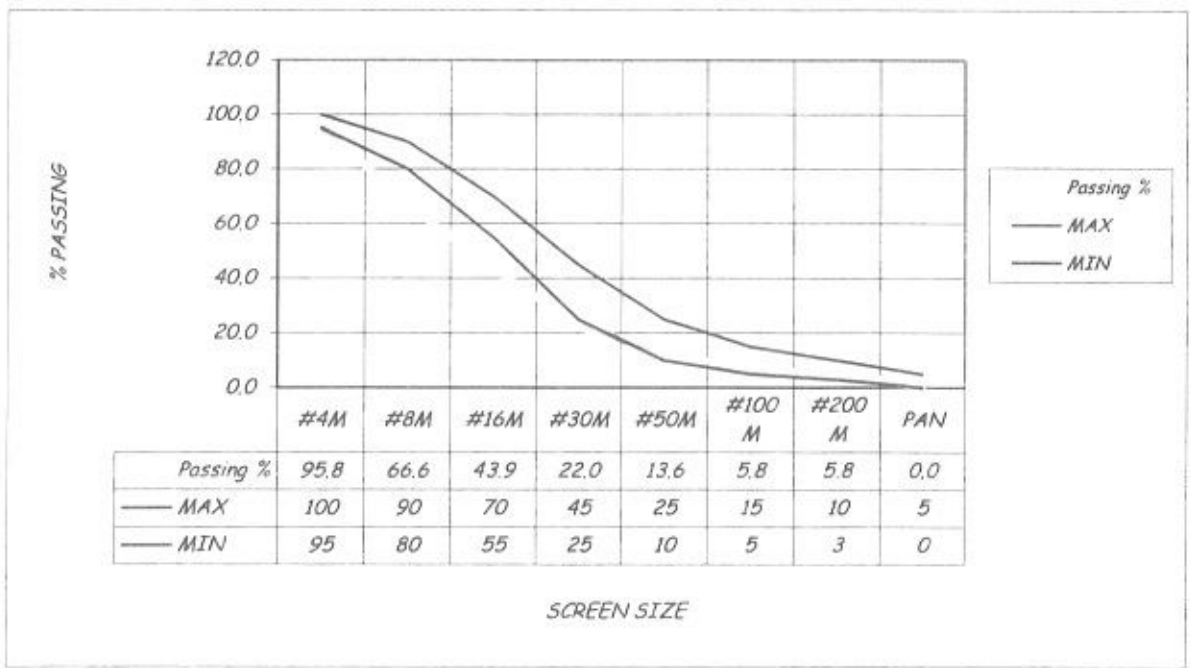
	#4M	#8M	#16M	#30M	#50M	#100 M	#200 M	PAN
Passing %	97.3	65.9	42.7	25.1	12.5	6.7	5.5	0.0
MAX	100	90	70	45	25	15	10	5
MIN	95	80	55	25	10	5	3	0

Raw Plant Moisture and Gradation

Raw Plant — Raw clay — PCM

Operator			DATE:	7/23/2012	PLANT SPEC		FRAZIER
Shift	Day		SIEVE	SIEVE	% PASSING		SIEVE
SCREEN	CUM. WT.	C % R	SCREEN	Passing %	MAX	MIN	%Retain
#4M	19.0	4.2	#4M	95.8	100	95	4.2
#8M	150.0	33.4	#8M	66.6	90	80	29.2
#16M	252.0	56.1	#16M	43.9	70	55	22.7
#30M	350.0	78.0	#30M	22.0	45	25	21.8
#50M	388.0	86.4	#50M	13.6	25	10	8.5
#100M	423.0	94.2	#100M	5.8	15	5	7.8
#200M	423.0	94.2	#200M	5.8	10	3	0.0
PAN	449.0	100.0	PAN	0.0	5	0	5.8

		Sample Locations		pellet moisture	
Unit Wt	69	1	18.50%	wet	300
Wet Wt	532.0	2	18.70%	dry	230
Dry Wt	449.0	3	17.80%	%moist	30.4
%MOIST	18.5				



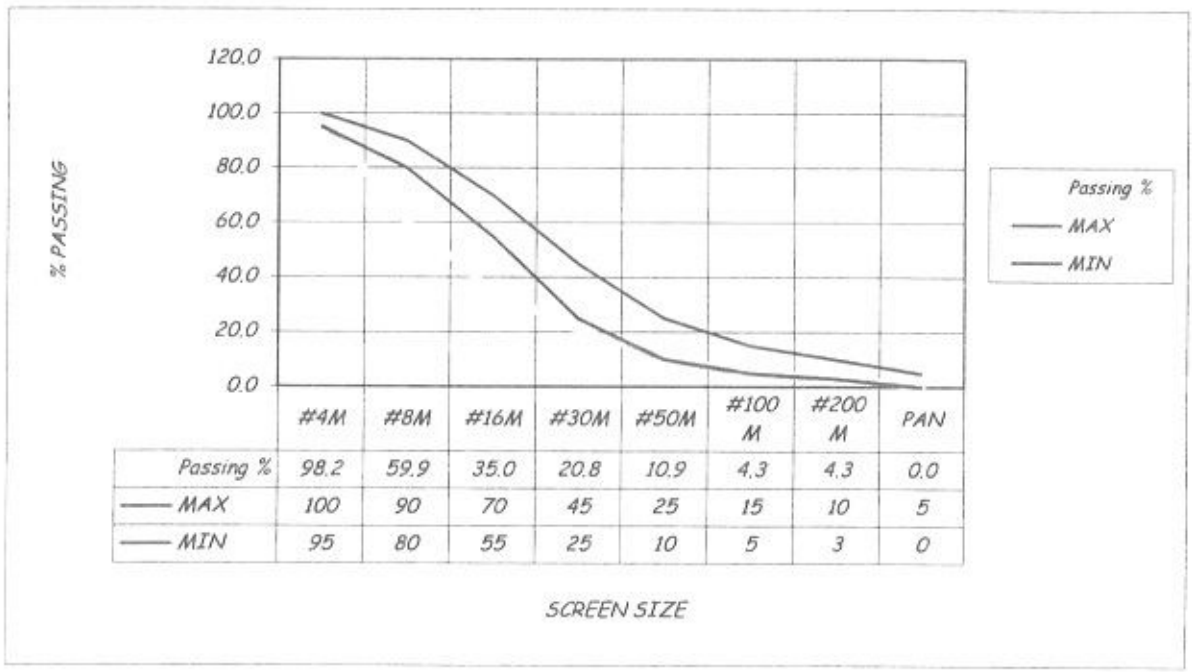
	#4M	#8M	#16M	#30M	#50M	#100 M	#200 M	PAN
Passing %	95.8	66.6	43.9	22.0	13.6	5.8	5.8	0.0
MAX	100	90	70	45	25	15	10	5
MIN	95	80	55	25	10	5	3	0

Raw Plant Moisture and Gradation

Raw Plant — Raw clay — PCM

Operator			DATE:	6/5/2012	PLANT SPEC		FRAZIER
Shift	Day		SIEVE	SIEVE	% PASSING		SIEVE
SCREEN	CUM. WT.	C % R	SCREEN	Passing %	MAX	MIN	%Retain
#4M	15.0	1.8	#4M	98.2	100	95	1.8
#8M	335.0	40.1	#8M	59.9	90	80	38.3
#16M	543.0	65.0	#16M	35.0	70	55	24.9
#30M	662.0	79.2	#30M	20.8	45	25	14.2
#50M	745.0	89.1	#50M	10.9	25	10	9.9
#100M	800.0	95.7	#100M	4.3	15	5	6.6
#200M	800.0	95.7	#200M	4.3	10	3	0.0
PAN	836.0	100.0	PAN	0.0	5	0	4.3

			Sample Locations	pellet moisture	
Unit Wt	68	1	18.20%	wet	412
Wet Wt	988.0	2	17.20%	dry	333
Dry Wt	836.0	3	16.00%	%moist	23.7
%MOIST	18.2				



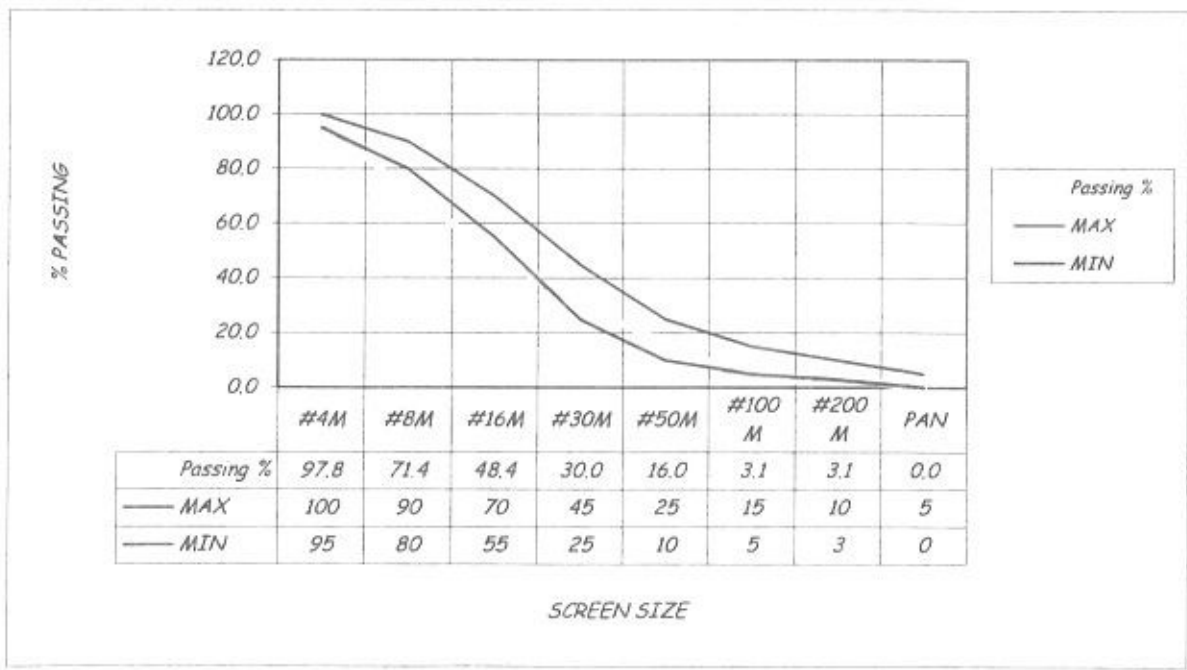
	#4M	#8M	#16M	#30M	#50M	#100 M	#200 M	PAN
Passing %	98.2	59.9	35.0	20.8	10.9	4.3	4.3	0.0
MAX	100	90	70	45	25	15	10	5
MIN	95	80	55	25	10	5	3	0

Raw Plant Moisture and Gradation

Raw Plant — Raw clay — PCM

Operator	HS		DATE:	5/21/2012	PLANT SPEC		FRAZIER
Shift	DAY		SIEVE	SIEVE	% PASSING		SIEVE
SCREEN	CUM. WT.	C % R	SCREEN	Passing %	MAX	MIN	%Retain
#4M	13.0	2.2	#4M	97.8	100	95	2.2
#8M	167.0	28.6	#8M	71.4	90	80	26.4
#16M	301.0	51.6	#16M	48.4	70	55	23.0
#30M	408.0	70.0	#30M	30.0	45	25	18.4
#50M	490.0	84.0	#50M	16.0	25	10	14.1
#100M	565.0	96.9	#100M	3.1	15	5	12.9
#200M	565.0	96.9	#200M	3.1	10	3	0.0
PAN	583.0	100.0	PAN	0.0	5	0	3.1

		Sample Locations		pellet moisture	
Unit Wt	68	1	15.10%	wet	554
Wet Wt	671.0	2	14.70%	dry	445
Dry Wt	583.0	3	13.50%	%moist	24.5
%MOIST	15.1				



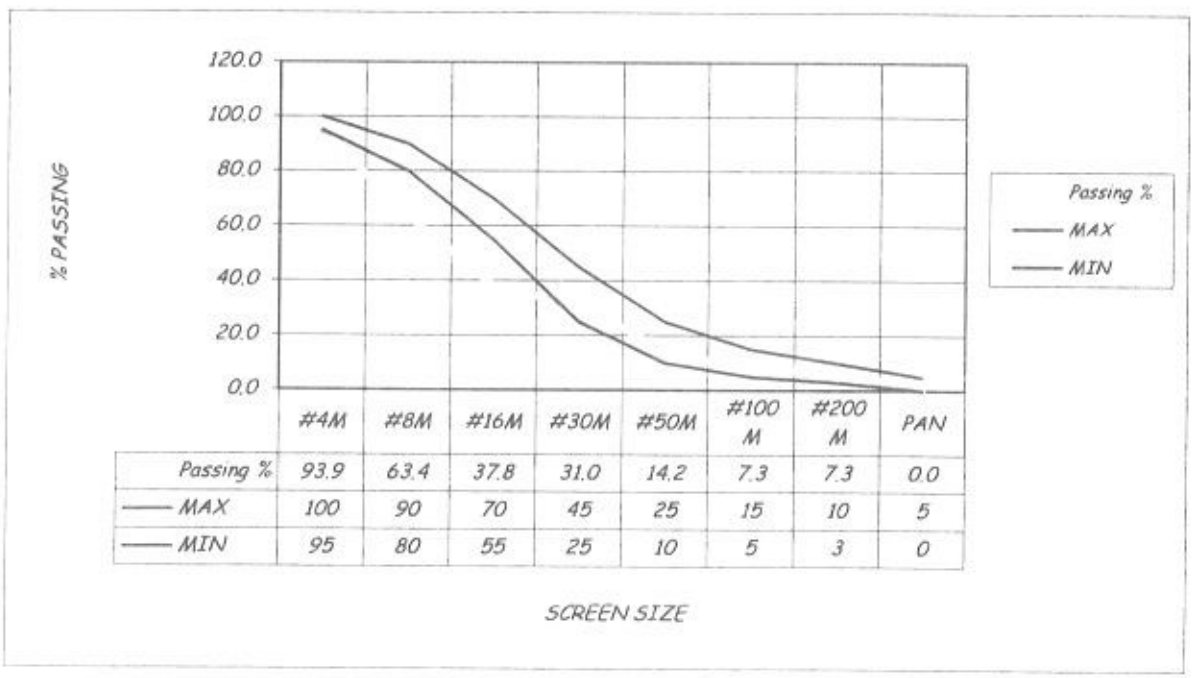
	#4M	#8M	#16M	#30M	#50M	#100 M	#200 M	PAN
Passing %	97.8	71.4	48.4	30.0	16.0	3.1	3.1	0.0
MAX	100	90	70	45	25	15	10	5
MIN	95	80	55	25	10	5	3	0

Raw Plant Moisture and Gradation

Raw Plant — Raw clay — PCM

Operator			DATE:	4/28/2012	PLANT SPEC		FRAZIER
Shift	Day		SIEVE	SIEVE	% PASSING		SIEVE
SCREEN	CUM. WT.	C % R	SCREEN	Passing %	MAX	MIN	%Retain
#4M	26.0	6.1	#4M	93.9	100	95	6.1
#8M	155.0	36.6	#8M	63.4	90	80	30.5
#16M	263.0	62.2	#16M	37.8	70	55	25.5
#30M	292.0	69.0	#30M	31.0	45	25	6.9
#50M	363.0	85.8	#50M	14.2	25	10	16.8
#100M	392.0	92.7	#100M	7.3	15	5	6.9
#200M	392.0	92.7	#200M	7.3	10	3	0.0
PAN	423.0	100.0	PAN	0.0	5	0	7.3

			Sample Locations	pellet moisture	
Unit Wt	68	1	18.20%	wet	430
Wet Wt	500.0	2	16.10%	dry	336
Dry Wt	423.0	3	14.90%	%moist	28.0
%MOIST	18.2				



	#4M	#8M	#16M	#30M	#50M	#100 M	#200 M	PAN
Passing %	93.9	63.4	37.8	31.0	14.2	7.3	7.3	0.0
MAX	100	90	70	45	25	15	10	5
MIN	95	80	55	25	10	5	3	0

APPENDIX E

PO0036PC7
Amendment 50 to PO00036

Quarterly Dust Readings

Quarterly Formal Survey For Attachment 50
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
03/08/12	1:00pm	#30	Bunker Incline Belt		X	SF
Not in use		#31	Long Belt			
Not in use		#54	Bucket Elevator Discharge			
Not in use		#55	Continuation Discharge Belt #2			
03/08/12	1:15pm	E14	Tower Screen		X	SF
03/08/12	1:15pm	#29	Radial Stacker		X	SF
03/08/12	1:15pm	#26	K-3 Blue Belt		X	SF
03/08/12	1:15pm	#25	K-4 Blue Belt		X	SF
03/08/12	11:00am	E1	Grizzly Housing		X	SF
03/08/12	11:00am	E2	Syntron #1		X	SF
03/08/12	10:30am	#15	Kiln Feed Tank Conveyor		X	SF
03/08/12	10:30am	#18	K-4 Discharge Conveyor		X	SF
03/08/12	10:30am	#19	K-3 Discharge Conveyor		X	SF
03/08/12	10:55am	#20	K-3 Feed Conveyor		X	SF
03/08/12	10:55am	#21	K-4 Feed Conveyor		X	SF
03/08/12	10:55am	#24	K-4 Incline Conveyor		X	SF
Not in use		E39	Bucket Elevator #4			
Not in use		E38	Bucket Elevator #3			
03/08/12	10:00am	N/A	Sand Loop Building		X	SF
Not in use		Finish End	9 Tank Silo			
03/08/12	10:00am	E30	Vertical Impact Crusher		X	SF
03/08/12	1:45pm	Raw Material	Raw Material Processing Shed		X	SF
03/08/12	2:00pm	Kiln Area	K-3 & K-4 Baghouse Stack		X	SF
03/08/12	2:00pm	Kiln Area	Kiln Feed Tanks		X	SF
03/08/12	11:20am	#33	O'Brian Discharge		X	SF
03/08/12	11:15am	#49	#9 Tank Discharge		X	SF
03/08/12	9:15am	#48	Crusher Oversize Return		X	SF
03/08/12	9:20am	#40	Yogi Discharge 5/16		X	SF
03/08/12	10:00am	E3	Syntron #2		X	SF
03/08/12	10:00am	#47	Symons Feed Belt		X	SF
Not in use		#46	Crusher Bypass			
03/08/12	9:15am	#45	Crusher Discharge		X	SF
03/08/12	935am	#42	5/16 Crossover Belt		X	SF
03/08/12	11:25am	#41	Yogi Discharge 1/4		X	SF
03/08/12	9:35am	#36	Overstrom Discharge		X	SF
03/08/12	8:35am	Raw Plant	Kiln Dust Baghouse		X	SF
03/08/12	12:50pm	Kiln Deck	Lime System Baghouse		X	SF
03/08/12	12:50pm	Finish End	Finish End Baghouse		X	SF
03/08/12	12:50pm	E3	Syntron #3		X	SF
Not in use		E37	K-4 Screw Conveyor			
Not in use		E36	K-3 Scew Conveyor			
03/08/12	1:15pm	E18	K-4 Vibrating Conveyor		X	SF
03/08/12	1:15pm	E17	K-3 Vibrating Conveyor		X	SF
Not in use		#52	Hopper Stacker			
Not in use		#39	9 Tank Discharge			

Quarterly Formal Survey For Attachment 50
Part 70 Permit # 0036

2nd quarter

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

Date	Time	Emissions Unit #	Emissions Unit Description	Yes	No	Initials
07/21/12	10:40am	#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			
07/21/12	11:10am	E14	Tower Screen		X	SF
07/21/12	11:10am	#29	Radial Stacker		X	SF
07/21/12	11:10am	#26	K-3 Blue Belt		X	SF
07/21/12	11:10am	#25	K-4 Blue Belt		X	SF
07/25/12	9:30am	E1	Grizzly Housing		X	SF
07/25/12	9:30am	E2	Syntron #1		X	SF
07/25/12	12:50pm	#15	Kiln Feed Tank Conveyor		X	SF
07/25/12	12:50pm	#18	K-4 Discharge Conveyor		X	SF
07/25/12	12:50pm	#19	K-3 Discharge Conveyor		X	SF
07/25/12	12:55pm	#20	K-3 Feed Conveyor		X	SF
07/25/12	12:55pm	#21	K-4 Feed Conveyor		X	SF
07/25/12	12:55pm	#24	K-4 Incline Conveyor		X	SF
Not in use		E39	Bucket Elevator #4			
Not in use		E38	Bucket Elevator #3			
07/27/12	12:45pm	N/A	Sand Loop Building		X	SF
Not in use		Finish End	9 Tank Silo			
07/27/12	12:45pm	E30	Vertical Impact Crusher		X	SF
07/25/12	9:30am	Raw Material	Raw Material Processing Shed		X	SF
07/25/12	12:45pm	Kiln Area	K-3 & K-4 Baghouse Stack		X	SF
07/25/12	12:45pm	Kiln Area	Kiln Feed Tanks		X	SF
07/27/12	12:35pm	#33	O'Brian Discharge		X	SF
07/27/12	12:35pm	#49	#9 Tank Discharge		X	SF
07/27/12	12:35pm	#48	Crusher Oversize Return		X	SF
07/27/12	1:00pm	#40	Yogi Discharge 5/16		X	SF
07/25/12	9:40am	E3	Syntron #2		X	SF
07/27/12	8:45am	#47	Symons Feed Belt		X	SF
Not in use		#46	Crusher Bypass			
07/27/12	12:45pm	#45	Crusher Discharge		X	SF
07/27/12	12:35pm	#42	5/16 Crossover Belt		X	SF
07/27/12	12:35pm	#41	Yogi Discharge 1/4		X	SF
07/27/12	12:35pm	#36	Overstrom Discharge		X	SF
07/25/12	12:45pm	Raw Plant	Kiln Dust Baghouse		X	SF
07/27/12	11:45am	Kiln Deck	Lime System Baghouse		X	SF
07/27/12	11:45am	Finish End	Finish End Baghouse		X	SF
07/27/12	11:15am	E3	Syntron #3		X	SF
Not in use		E37	K-4 Screw Conveyor			
Not in use		E36	K-3 Scew Conveyor			
07/21/12	11:10am	E18	K-4 Vibrating Conveyor		X	SF
07/21/12	11:10am	E17	K-3 Vibrating Conveyor		X	SF
Not in use		#52	Hopper Stacker			
Not in use		#39	9 Tank Discharge			

Quarterly Formal Survey For Attachment 50
Part 70 Permit # 0036

3rd quarter

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

Date	Time	Emissions Unit #	Emissions Unit Description	Yes	No	Initials
11/16/12	11:30am	#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			
10/08/12	3:00pm	E14	Tower Screen		X	SF
10/08/12	3:00pm	#29	Radial Stacker		X	SF
10/08/12	3:00pm	#26	K-3 Blue Belt		X	SF
10/08/12	3:00pm	#25	K-4 Blue Belt		X	SF
11/16/12	1:10pm	E1	Grizzly Housing		X	SF
11/16/12	1:10pm	E2	Syntron #1		X	SF
11/16/12	2:45pm	#15	Kiln Feed Tank Conveyor		X	SF
11/16/12	2:45pm	#18	K-4 Discharge Conveyor		X	SF
11/16/12	2:45pm	#19	K-3 Discharge Conveyor		X	SF
11/16/12	2:30pm	#20	K-3 Feed Conveyor		X	SF
11/16/12	2:30pm	#21	K-4 Feed Conveyor		X	SF
11/16/12	2:30pm	#24	K-4 Incline Conveyor		X	SF
Not in use		E39	Bucket Elevator #4			
Not in use		E38	Bucket Elevator #3			
11/16/12	9:30am	N/A	Sand Loop Building		X	SF
Not in use		Finish End	9 Tank Silo			
11/16/12	9:30am	E30	Vertical Impact Crusher		X	SF
11/16/12	1:00pm	Raw Material	Raw Material Processing Shed		X	SF
11/16/12	1:25pm	Kiln Area	K-3 & K-4 Baghouse Stack		X	SF
11/16/12	1:25pm	Kiln Area	Kiln Feed Tanks		X	SF
11/16/12	9:40am	#33	O'Brian Discharge		X	SF
11/16/12	9:30am	#49	#9 Tank Discharge		X	SF
11/16/12	9:30am	#48	Crusher Oversize Return		X	SF
11/16/12	11:50am	#40	Yogi Discharge 5/16		X	SF
11/16/12	1:10pm	E3	Syntron #2		X	SF
11/16/12	9:30am	#47	Symons Feed Belt		X	SF
Not in use		#46	Crusher Bypass			
11/16/12	9:30am	#45	Crusher Discharge		X	SF
11/16/12	9:50am	#42	5/16 Crossover Belt		X	SF
11/16/12	9:50am	#41	Yogi Discharge 1/4		X	SF
11/16/12	9:50am	#36	Overstrom Discharge		X	SF
11/16/12	3:00pm	Raw Plant	Kiln Dust Baghouse		X	SF
11/16/12	9:55am	Kiln Deck	Lime System Baghouse		X	SF
11/16/12	9:55am	Finish End	Finish End Baghouse		X	SF
11/16/12	9:35am	E3	Syntron #3		X	SF
Not in use		E37	K-4 Screw Conveyor			
Not in use		E36	K-3 Scew Conveyor			
11/16/12	3:00pm	E18	K-4 Vibrating Conveyor		X	SF
11/16/12	3:00pm	E17	K-3 Vibrating Conveyor		X	SF
Not in use		#52	Hopper Stacker			
Not in use		#39	9 Tank Discharge			

Quarterly Formal Survey For Attachment 50
Part 70 Permit # 0036

4th quarter

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

Date	Time	Emissions Unit #	Emissions Unit Description	Yes	No	Initials
01/14/13	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			
01/14/13	9:15am	E14	Tower Screen		X	SF
01/14/13	9:15am	#29	Radial Stacker		X	SF
01/14/13	9:15am	#26	K-3 Blue Belt		X	SF
01/14/13	9:15am	#25	K-4 Blue Belt		X	SF
01/14/13	9:40am	E1	Grizzly Housing		X	SF
01/14/13	9:40am	E2	Syntron #1		X	SF
01/14/13	2:25pm	#15	Kiln Feed Tank Conveyor		X	SF
01/14/13	2:25pm	#18	K-4 Discharge Conveyor		X	SF
01/14/13	2:25pm	#19	K-3 Discharge Conveyor		X	SF
01/14/13	2:30pm	#20	K-3 Feed Conveyor		X	SF
01/14/13	2:30pm	#21	K-4 Feed Conveyor		X	SF
01/14/13	2:30pm	#24	K-4 Incline Conveyor		X	SF
Not in use		E39	Bucket Elevator #4			
Not in use		E38	Bucket Elevator #3			
01/14/13	3:05pm	N/A	Sand Loop Building		X	SF
Not in use		Finish End	9 Tank Silo			
01/14/13	3:05pm	E30	Vertical Impact Crusher		X	SF
01/14/13	9:40am	Raw Material	Raw Material Processing Shed		X	SF
01/14/13	2:00pm	Kiln Area	K-3 & K-4 Baghouse Stack		X	SF
01/14/13	2:00pm	Kiln Area	Kiln Feed Tanks		X	SF
01/14/13	1:15pm	#33	O'Brian Discharge		X	SF
Not in use		#49	#9 Tank Discharge			
01/14/13	3:05pm	#48	Crusher Oversize Return		X	SF
01/14/13	1:15pm	#40	Yogi Discharge 5/16		X	SF
01/14/13	9:40am	E3	Syntron #2		X	SF
01/14/13	3:05pm	#47	Symons Feed Belt		X	SF
Not in use		#46	Crusher Bypass			
01/14/13	3:05pm	#45	Crusher Discharge		X	SF
01/14/13	1:15pm	#42	5/16 Crossover Belt		X	SF
01/14/13	1:15pm	#41	Yogi Discharge 1/4		X	SF
01/14/13	3:20pm	#36	Overstrom Discharge		X	SF
01/14/13	2:00pm	Raw Plant	Kiln Dust Baghouse		X	SF
01/14/13	3:30pm	Kiln Deck	Lime System Baghouse		X	SF
01/14/13	3:30pm	Finish End	Finish End Baghouse		X	SF
01/14/13	3:05pm	E3	Syntron #3		X	SF
Not in use		E37	K-4 Screw Conveyor			
Not in use		E36	K-3 Scew Conveyor			
01/14/13	9:15am	E18	K-4 Vibrating Conveyor		X	SF
01/14/13	9:15am	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

Pacific Coast [illegible] Materials [illegible] Facility
Water Spray(s) and Operational Inspection Report
[illegible]

To Be Completed Every Two Weeks, Date: 3/27/13

Inspector: Daniel Dunker Time: 9am

[illegible]
[illegible]

Inspect for proper operations.

	[illegible]	[illegible]
	☐ Yes ☑ No	☐ Yes ☑ No

Note If No, give explanation and action taken

Out of service, equipment has been removed.

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

Sand Conversion Belt Dust suppression system;

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

Operating	Malfunction
☐ Yes ☑ No	☐ Yes ☑ No

If Malfunction Noted, Identify Transfer Point and Give Action Taken: Example Plugged Nozzle(s) Inoperative, etc...

Out of service, equipment has been removed

Maintenance Department: Describe Corrective Action (Parts Needed, Ordered and/or Installed, etc.)

Maint. Technician signature/Date: ______

Note-Failure to perform inspections or falsification of records will result in disciplinary action up you and including termination

Signature: Daniel Dunker

Revised: 09/05/03 FHS

Pacific Coast [illegible] Materials [illegible] Facility
Water Spray(s) and Operational Inspection Report
[illegible]

To Be Completed Every Two Weeks, Date: 3/13/13
Performed by: Daniel Dunker   [illegible]: 10am

[illegible]
[illegible]

Inspect for proper operations;   K3: Yes [ ] No [✓]   K7: Yes [ ] No [✓]

Note If No, give explanation and action taken;
Out of service, equipment has been removed

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

Sand Conversion Belt Dust suppression system;

Inspect Water Spray(s) Systems for Operations and any malfunctions;   Operating: Yes [ ] No [✓]   Malfunction: Yes [ ] No [✓]

If Malfunction Noted, Identify Transfer Point and Give Action Taken: Example Plugged Nozzle(s) Inoperative, etc... Out of service, equipment has been removed

Maintenance Department: Describe Corrective Action (Parts Needed, Ordered and/or Installed, etc.)

Maint. Technician signature/Date: ______

Note-Failure to perform inspections or falsification of records will result in disciplinary action up you and including termination

Signature: Daniel Dunker

Revised: 09/05/03 FHS

[illegible]
Water Spray(s) and Operational Inspection Report
[illegible]

To Be Completed Every Two Weeks. Date: 2/27/13

[illegible] Daniel Dunker [illegible] 9:00 am

[illegible]
Water spray [illegible]

Inspect for proper operations [illegible]

	RS	KZ
	☐ Yes ☑ No	☐ Yes ☑ No

Note If No, give explanation and action taken:

Out of service, Equipment have been removed

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

Sand Conversion Belt Dust suppression system;

Inspect Water Spray(s) Systems for Operations and any malfunctions;	Operating	Malfunction
	☐ Yes ☑ No	☐ Yes ☑ No

If Malfunction Noted, Identify Transfer Point and Give Action Taken: Example: Plugged Nozzle(s) Inoperative, etc...

Out of service, Equipment has been removed.

Maintenance Department: Describe Corrective Action (Parts Needed, Ordered and/or Installed, etc.)

Maint. Technician signature/Date: ____________________

Note-Failure to perform inspections or falsification of records will result in disciplinary action up you and including termination

Signature: [signature]

Revised: 09/05/03 FHS

[illegible]

[illegible] Materials [illegible] Facility
Water Spray(s) and Operational Inspection Report
([illegible])

To Be Completed Every Two Weeks, Date: 2/13/13

[illegible] Daniel Dunker [illegible] 8 am

[illegible]
Water spray [illegible]

[illegible] for proper operation [illegible]

	K3	K4
	☐ Yes ☑ No	☐ Yes ☑ No

Note If No, give explanation and action taken.

Out of service equipment has been removed.

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

Sand Conversion Belt Dust suppression system;

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

Operating	Malfunction
☐ Yes ☑ No	☐ Yes ☑ No

If Malfunction Noted, Identify Transfer Point and Give Action Taken: Example: Plugged Nozzle(s) Inoperative, etc...

Out of service, equipment has been removed.

Maintenance Department: Describe Corrective Action (Parts Needed, Ordered and/or Installed, etc.)

Maint. Technician signature/Date: ______

Note-Failure to perform inspections or falsification of records will result in disciplinary action up you and including termination

Signature: Daniel Dunker

Revised: 09/05/03 EHS

Pacific Coast [illegible] Materials [illegible] Facility
Water Spray(s) and Operational Inspection Report
[illegible]

To Be Completed Every Two Weeks, Date: 1/30/2013

[illegible] Daniel Dunker [illegible] 10:00 am

[illegible]

Water spray equipment

Inspect for proper operations: [illegible] ☐ Yes ☑ No [illegible] ☐ Yes ☑ No

Note If No, give explanation and action taken:

Out of service, equipment has been removed

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

Sand Conversion Belt Dust suppression system;

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

Operating ☐ Yes ☑ No

Malfunction ☐ Yes ☑ No

If Malfunction Noted, Identify Transfer Point and Give Action Taken: Example: Plugged Nozzle(s) Inoperative, etc... Out of service, equipment has been removed

Maintenance Department: Describe Corrective Action (Parts Needed, Ordered and/or Installed, etc.)

Maint. Technician signature/Date: ______

Note-Failure to perform inspections or falsification of records will result in disciplinary action up you and including termination

Signature: Daniel Dunker

Revised: 09/05/03 FHS

Pacific Custom Materials [illegible] Facility
Water Spray(s) and Operational Inspection Report
([illegible])

To Be Completed Every Two Weeks: Date: 1/16/13

[illegible]: Daniel Dunker [illegible]: 9:00am

[illegible]

Water spray [illegible]

Inspect for proper operations. [illegible] ☐ Yes ☑ No [illegible] ☐ Yes ☑ No

Note If No, give explanation and action taken.

Out of Service, equipment have been removed

(Description of any malfunction, and a description of any necessary repairs needed.)

Sand Conversion Belt Dust suppression system;

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

Operating ☐ Yes ☑ No

Malfunction ☐ Yes ☑ No

If Malfunction Noted, Identify Transfer Point and Give Action Taken: Example: Plugged Nozzle(s) Inoperative, etc...

Out of Service, equipment have been removed

Maintenance Department: Describe Corrective Action (Parts Needed, Ordered and/or Installed, etc.)

Maint. Technician signature/Date: ______

Note-Failure to perform inspections or falsification of records will result in disciplinary action up you and including termination

Signature: [signature]

Revised: 09/05/03 RRS

[illegible]
[illegible]
Water Spray(s) and Operational Inspection Report
[illegible]

To Be Completed Every Two Weeks. Date: 1/2/13
[illegible]: Daniel Dunker   Time In [illegible]: 9:45

[illegible]
Water spray components [illegible]

Inspect for proper operations: [illegible] ☐ Yes ☑ No   [illegible] ☐ Yes ☑ No

Note If No, give explanation and action taken:
Out of Service, equipment has been removed

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

Sand Conversion Belt Dust suppression system;

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

Operating: ☐ Yes ☑ No   Malfunction: ☐ Yes ☑ No

If Malfunction Noted, Identify Transfer Point and Give Action Taken: Example: Plugged Nozzle(s) Inoperative, etc... Out of Service, equipment has been removed.

Maintenance Department: Describe Corrective Action (Parts Needed, Ordered and/or Installed, etc.)

Maint. Technician signature/Date: ______

Note-Failure to perform inspections or falsification of records will result in disciplinary action up you and including termination

Signature: Daniel Dunker [signature]

Revised: 09/05/03 FHS

[illegible]

Water Spray(s) and Operational Inspection Report

([illegible])

To Be Completed Every Two Weeks; Date: 12/19/12

[illegible] Daniel Dunker [illegible] 10am

[illegible]

Water spray [illegible]

Inspect for proper operations: [illegible] ☐ Yes ☑ No [illegible] ☐ Yes ☑ No

Note If No, give explanation and action taken;

Out of Service, equipment has been removed.

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

Sand Conversion Belt Dust suppression system;

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

Operating: ☐ Yes ☑ No

Malfunction: ☐ Yes ☑ No

If Malfunction Noted, Identify Transfer Point and Give Action Taken: Example Plugged Nozzle(s) Inoperative, etc... Out of Service, equipment has been removed.

Maintenance Department: Describe Corrective Action (Parts Needed, Ordered and/or Installed, etc.)

Maint. Technician signature/Date:

Note-Failure to perform inspections or falsification of records will result in disciplinary action up you and including termination

Signature: Daniel Dunker

Revised: 09/05/03 FHS

Pacific Coast [illegible] Materials [illegible]
Water Spray(s) and Operational Inspection Report
[illegible]

To Be Completed Every Two Weeks: Date: 12/5/12
[illegible] Daniel Dunker [illegible] 9am

[illegible]
Water spray [illegible]

Inspect for proper operations: [illegible] ☐ Yes ☑ No [illegible] ☐ Yes ☑ No

Note If No, give explanation and action taken.

Out of service, equipment has been removed
____
____
(Description of any malfunction and a description of any necessary repairs needed.)

Sand Conversion Belt Dust suppression system;

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

Operating: ☐ Yes ☑ No

Malfunction: ☐ Yes ☑ No

If Malfunction Noted, Identify Transfer Point and Give Action Taken: Example. Plugged Nozzle(s) Inoperative, etc... Out of service, equipment has been removed.
____
____
____

Maintenance Department: Describe Corrective Action (Parts Needed, Ordered and/or Installed, etc.)
____
____

Maint. Technician signature/Date: ____
____
____

Note-Failure to perform inspections or falsification of records will result in disciplinary action up you and including termination

Signature: [signature]

Revised: 09/05/03 PHS

APPENDIX G

PO0036PC2 Condition 3

CEMS Log

Pacific Custom Materials
Permit Number 0036
PO0036PC3 Condition 2

PM Emissions
Summary sheet
April 1, 2012 - March 31, 2013

Device	Date	Period	Comment
Visuals	April	2012	Visuals were done no dust seen.
Visuals	May	2012	Visuals were done no dust seen.
Visuals	June	2012	Visuals were done no dust seen.
Visuals	July	2012	Visuals were done no dust seen.
Visuals	August	2012	Visuals were done no dust seen.
Visuals	September	2012	Visuals were done no dust seen.
Visuals	October	2012	Visuals were done no dust seen.
Visuals	November	2012	Visuals were done no dust seen.
Visuals	December	2012	Visuals were done no dust seen.
Visuals	January	2013	Visuals were done no dust seen.
Visuals	February	2013	Visuals were done no dust seen.
Visuals	March	2013	Visuals were done no dust seen.

Pacific Custom Materials
PO0036PC4 Condition 2

Summary of Stand-By Feeder Usage

April 1, 2012 – March 31, 2013

Month	Syntron Primary Feed (hrs)	Stand-By Feed (hrs)
April 2012	231	0
May 2012	500	0
June 2012	196	0
July 2012	193	0
August 2012	177	0
September 2012	119	0
October 2012	159	0
November 2012	117	0
December 2012	128	0
January 2013	173	0
February 2013	121	0
March 2013	204	0

Pacific Custom Materials
Permit Number 0036

Break down Periods
GM-31 NOX Break down summary
April 1, 2012 - March 31, 2013

Device	Date	Period	Comment
GM-31	4/20/2012	0900 to 1300	K-4 stamped an error
GM-31	6/5/2012	300	K-3 stamped an Invalid due to a power outage, not a break down
GM-31	6/5/2012	1300 to 2300	K-4 stamped errors, k-4 was down for baghouse inspection not a break down
GM-31	6/6/2012	0000 to 0700	K-4 stamped errors, k-4 was down for baghouse inspection not a break down

Pacific Custom Materials
Permit Number 0036

Break down Periods
GM-31 SO2 Break down summary
April 1, 2012 - March 31, 2013

Device	Date	Period	Comment
GM-31	4/20/2012	0900 to 1300	K-4 stamped an error
GM-31	6/5/2012	300	K-3 stamped an Invalid due to a power outage, not a break down
GM-31	6/5/2012	1300 to 2300	K-4 stamped errors, k-4 was down for baghouse inspection not a break down
GM-31	6/6/2012	0000 to 0700	K-4 stamped errors, k-4 was down for baghouse inspection not a break down
Flow sick	6/5/2012	0300 to 0900	K-3 & K-4 stamped Invalids from 0400 6/5/12 to 0900 6/6/12 due to power outage

Pacific Custom Materials
Permit Number 0036
PO0036PC2 Condition 3

Break down Periods
GM-35 Co Break down summary
April 1, 2012 - March 31, 2013

Device	Date	Period	Comment
GM-35	6/5/2012	300	K-3 stamped an Invalid due to a power outage, not a break down
GM-35	6/5/2012	1300 to 2300	K-4 stamped errors, k-4 was down for baghouse inspection not a break down
GM-35	6/6/2012	0000 to 0700	K-4 stamped errors, k-4 was down for baghouse inspection not a break down
GM-35	10/1/2012 10/2/2012		missing CO calibration a faild calibration the system was stamping O and E we shut the kiln down
			Sick came out for repairs and found that the Lamp board was bad

Pacific Custom Materials
Permit Number 0036

Missing Data Periods
Missing GM-31 So2 and Flow Data Summary
April 1, 2012 - March 31, 2013

Device	Date	Period	Comment
GM-31	4/28/2012	0200 to 1800	K-3 & K-4 missing data due to a power outage, no break down
GM-31	4/28/2012	flow cal	missing flow calibration due to power outage, no break down.
GM-31	5/21/2012	0500 to 0600	K-3 & K-4 missing data due to a power outage, no break down
GM-31	6/5/2012	0400 to 1100	K-3 & K-4 missing data due to a power outage, no break down
Flow sick	6/5/2012	0300 to 0900	K-3 & K-4 stamped Invalids 0300 6/5/12 to 0900 6/6/12 due to power outage.
GM-31	8/10/2012	1900	K-4 missing data on the 1900 hour this was discovered when pulling data for the monthly report, cause is unknown

Pacific Custom Materials
Permit Number 0036
PO0036PC2 Condition 4

Missing Data Periods
Missing GM-35 CO and Flow Data Summary
April 1, 2012 - March 31, 2013

Device	Date	Period	Comment
GM-35	4/28/2012	0200 to 1800	K-3 & K-4 missing data due to a power outage, no break down
GM-35	5/21/2012	0500 to 0600	K-3 & K-4 missing data due to a power outage, no break down
GM-35	6/5/2012	0400 to 1100	K-3 & K-4 missing data due to a power outage, no break down
GM-35	July		
GM-35	August		
GM-35	September		

Pacific Custom Materials
Permit Number 0036
PO0036PC2 Condition 4

Missing Data Periods
Missing GM-31 NOx and Flow Data Summary
April 1, 2012 - March 31, 2013

Device	Date	Time Period	Comment
GM-31	4/28/2012	0200 to 1800	K-3 & K-4 missing data due to a power outage, no break down
GM-31	5/21/2012	0500 to 0600	K-3 & K-4 missing data due to a power outage, no break down
GM-31	6/5/2012	0400 to 1100	K-3 & K-4 missing data due to a power outage, no break down
GM-31	June		
GM-31	July		
GM-31	August		