



Pacific Custom Material

® 17410 E Lockwood Valley Road, Frazier Park, CA 93225 • 661-245-3736 • www.txi.com

May 15, 2012

Mr. Dan Searcy, Manager
Ventura County APCD
669 County Square Drive
Ventura, CA93003

Pacific Custom Materials (PCM), Frazier Park Plant
APCD Permit to Operate No. 00036
RE: Annual Emission Compliance Certification

Dear Sirs:

Pacific Custom Materials (PCM) Frazier Park Plant is enclosing the annual compliance certification report.

If you have any questions, please call me at (661) 245-3736.

Mark Mathis
Plant Manager
PCM - Frazier Park

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

Jean Brewster - PCM Environmental Manager -w/enc
Steve Fernandes - PCM-w/enc

RECEIVED
VENTURA COUNTY
12 MAY 21 AM 9:43
A.P.C.D.



Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION SIGNATURE COVER FORM

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

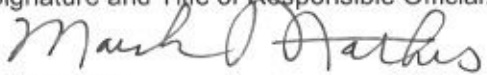
Mr. Gerardo Rios, Chief
Permits Office (AIR-3)
Office of Air Division
EPA Region 9
75 Hawthorne Street
San Francisco, CA 94105

Confidentiality

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

Certification by Responsible Official

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

Signature and Title of Responsible Official:  Mark Mathis Title: Plant Manager	Date: 5/15/12
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Time Period Covered by Compliance Certification 03 / 01 /11 (MM/DD/YY) to 03 /31 /12 (MM/DD/YY)
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ANNUAL COMPLIANCE CERTIFICATION DEVIATION SUMMARY FORM

Period Covered by Compliance Certification: 03/01/11 (MM/DD/YY) to 03/31/12 (MM/DD/YY)

A. Attachment # or Permit Condition #: PO0036PC2 Condition 3	B. Equipment description: CO, NOx, Sox, Stack Flow CEMS See Attached Summary Log	C. Deviation Period: Date & Time Begin: <u>See Attached Log</u> End: <u>See Attached Log-Appendix G</u> When Discovered: Date & Time <u>See attached log</u>
D. Parameters monitored: CO, NOx, Sox, Stack Flow kilns #3 &4	E. Limit: See Attached Log-no excess emissions and limits not exceeded	F. Actual: Not Applicable
G. Probable Cause of Deviation: See attached Log-Appendix G		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:



ANNUAL COMPLIANCE CERTIFICATION

SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 03/01/11 (MM/DD/YY) to 03/31/12 (MM/DD/YY)

A. Emission Unit Description: Kiln #3- NOx Compliance Testing (three run average)			B. Pollutant: NOx
C. Measured Emission Rate: 2.11 lbs/hr	D. Limited Emission Rate: 6.9 lbs/hr PO00036PC2	E. Specific Source Test or Monitoring Record Citation: TRC Stack Test Firm Report Dated August 5, 2011	F. Test Date: June 21, 2011

A. Emission Unit Description: Kiln #3- NOx (RATA Results – ppm, dry)			B. Pollutant: NOx
C. Measured Emission Rate: 3.19% Relative Accuracy	D. Limited Emission Rate: 20% RA	E. Specific Source Test or Monitoring Record Citation: TRC Stack Test Firm Report Dated August 5, 2011	F. Test Date: June 21, 2011

A. Emission Unit Description: Kiln #3- NOx (RATA Results – lb/hr)			B. Pollutant: NOx
C. Measured Emission Rate: 8.16 Relative Accuracy	D. Limited Emission Rate: 20% RA	E. Specific Source Test or Monitoring Record Citation: TRC Stack Test Firm Report Dated August 5, 2011	G. Test Date: June 21, 2011

A. Emission Unit Description: Kiln #3 – CO Compliance Testing (three run average)			B. Pollutant: CO
C. Measured Emission Rate: 50.7 ppmv	D. Limited Emission Rate: 2000 ppmv PO00036PC2	E. Specific Source Test or Monitoring Record Citation: TRC Stack Test Firm Report Dated August 5, 2011	F. Test Date: June 21, 2011



ANNUAL COMPLIANCE CERTIFICATION SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 03/01/11 (MM/DD/YY) to 03/31/12 (MM/DD/YY)

A. Emission Unit Description: Kiln #3 – CO (RATA Results – ppm – average of test June 21)			B. Pollutant: CO
C. Measured Emission Rate: 0.63% Relative Accuracy *Using Applicable Standard	D. Limited Emission Rate: 10% RA	E. Specific Source Test or Monitoring Record Citation: TRC Stack Test Firm Report Dated August 5, 2011	F. Test Date: June 21, 2011

A. Emission Unit Description: Kiln #3 – CO (RATA Results – lb/hr)			B. Pollutant: CO
C. Measured Emission Rate: 2.35% Relative Accuracy *Using Applicable Standard	D. Limited Emission Rate: 10% RA	E. Specific Source Test or Monitoring Record Citation: TRC Stack Test Firm Report Dated August 5, 2010	F. Test Date: June 21, 2011

A. Emission Unit Description: Kiln #3 – PM10 Compliance Testing (three run average)- Rule 52			B. Pollutant: PM10
C. Measured Emission Rate: .0169 gr/dscf	D. Limited Emission Rate: .065 gr/dscf Rule 52	E. Specific Source Test or Monitoring Record Citation: TRC Stack Test Firm Report Dated August 5, 2011	F. Test Date: June 21, 2011

A. Emission Unit Description: Kiln #3 – PM10 Compliance Testing (three run average)- Rule 53			B. Pollutant: PM10
C. Measured Emission Rate: 2.27 lbs/hr	D. Limited Emission Rate: 12.54 lbs/hr Rule 53	E. Specific Source Test or Monitoring Record Citation: TRC Stack Test Firm Report Dated August 5, 2011	F. Test Date: June 21, 2011



ANNUAL COMPLIANCE CERTIFICATION

SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 03/01/11 (MM/DD/YY) to 03/31/12 (MM/DD/YY)

A. Emission Unit Description: Kiln #3 – PM Compliance Testing (three run average)- PO00036PC3			B. Pollutant: PM
C. Measured Emission Rate: 0.018 lbPM/Ton Product	D. Limited Emission Rate: 0.2748 lbPM/Ton Product PO00036PC	E. Specific Source Test or Monitoring Record Citation: TRC Stack Test Firm Report Dated August 5, 2011	F. Test Date: June 21, 2011

A. Emission Unit Description: Kiln #3 – Stack Flow (RATA Results dscfm)			B. Pollutant: Stack Flow
C. Measured Emission Rate: 1.24% Relative Accuracy	D. Limited Emission Rate: 20%	E. Specific Source Test or Monitoring Record Citation: TRC Stack Test Firm Report Dated August 5, 2011	F. Test Date: June 21, 2011

A. Emission Unit Description: Kiln #3 – SO ₂ Compliance Testing (three run average)			B. Pollutant: SO ₂
C. Measured Emission Rate: 2.59 lb/hr	D. Limited Emission Rate: 7.61 lb/hr PO00036PC9	E. Specific Source Test or Monitoring Record Citation: TRC Stack Test Firm Report Dated August 5, 2010	F. Test Date: June 21, 2011

A. Emission Unit Description: Kiln #3 – SO ₂ (RATA Results - ppm, dry)			B. Pollutant: SO ₂
C. Measured Emission Rate: 10.07% Relative Accuracy	D. Limited Emission Rate: 20% RA	E. Specific Source Test or Monitoring Record Citation: TRC Stack Test Firm Report Dated August 5, 2011	F. Test Date: June 21, 2011



ANNUAL COMPLIANCE CERTIFICATION

SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 03/01/11 (MM/DD/YY) to 03/31/12 (MM/DD/YY)

A. Emission Unit Description: Kiln #3 – SO ₂ (RATA Results – lb/hr)			B. Pollutant: SO ₂
C. Measured Emission Rate: 10.32% Relative Accuracy	D. Limited Emission Rate: 20% RA	E. Specific Source Test or Monitoring Record Citation: TRC Stack Test Firm Report Dated August 5, 2011	F. Test Date: June 21, 2011

A. Emission Unit Description: Kiln #4 – NO _x Compliance Testing (three run average)			B. Pollutant: NO _x
C. Measured Emission Rate: 3.84 lb/hr	D. Limited Emission Rate: 5.6 lb/hr PO00036PC2	E. Specific Source Test or Monitoring Record Citation: TRC Stack Test Firm Report Dated August 5, 2011	F. Test Date: June 22, 2011

A. Emission Unit Description: Kiln #4 – NO _x (RATA Results – ppm, dry)			B. Pollutant: NO _x
C. Measured Emission Rate: 3.26% Relative Accuracy	D. Limited Emission Rate: 20% RA	E. Specific Source Test or Monitoring Record Citation: TRC Stack Test Firm Report Dated August 5, 2011	F. Test Date: June 22, 2011

A. Emission Unit Description: Kiln #4 – NO _x (RATA Results – lb/hr)			B. Pollutant: NO _x
C. Measured Emission Rate: 4.20% Relative Accuracy	D. Limited Emission Rate: 20% RA	E. Specific Source Test or Monitoring Record Citation: TRC Stack Test Firm Report Dated August 5, 2011	F. Test Date: June 22, 2011



ANNUAL COMPLIANCE CERTIFICATION

SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 03/01/11 (MM/DD/YY) to 03/31/12 (MM/DD/YY)

A. Emission Unit Description: Kiln #4 – CO Compliance Testing (three run average)			B. Pollutant: CO
C. Measured Emission Rate: 45.0 ppmv	D. Limited Emission Rate: 2000 ppmv PO00036PC2	E. Specific Source Test or Monitoring Record Citation: TRC Stack Test Firm Report Dated August 5, 2011	F. Test Date: June 22, 2011

A. Emission Unit Description: Kiln #4 – CO (RATA Results – ppm, dry)			B. Pollutant: CO
C. Measured Emission Rate: 5.95% Relative Accuracy	D. Limited Emission Rate: 10% RA	E. Specific Source Test or Monitoring Record Citation: TRC Stack Test Firm Report Dated August 5, 2011	F. Test Date: June 22, 2011

A. Emission Unit Description: Kiln #4 – CO (RATA Results – lb/hr)			B. Pollutant: CO
C. Measured Emission Rate: 6.61% Relative Accuracy	D. Limited Emission Rate: 10% RA	E. Specific Source Test or Monitoring Record Citation: TRC Stack Test Firm Report Dated August 5, 2010	F. Test Date: June 22, 2011

A. Emission Unit Description: Kiln #4 – SO ₂ Compliance Testing (Three run average)			B. Pollutant: SO ₂
C. Measured Emission Rate: 3.79 lb/hr	D. Limited Emission Rate: 8.28 lbs/hr PO000PC9	E. Specific Source Test or Monitoring Record Citation: TRC Stack Test Firm Report Dated August 5, 2011	F. Test Date: June 22, 2011



ANNUAL COMPLIANCE CERTIFICATION

SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 03/01/11 (MM/DD/YY) to 03/31/12 (MM/DD/YY)

A. Emission Unit Description: Kiln #4 – SO ₂ (RATA Results – ppm, dry)			B. Pollutant: SO ₂
C. Measured Emission Rate: 3.21% Relative Accuracy	D. Limited Emission Rate: 20% RA	E. Specific Source Test or Monitoring Record Citation: TRC Stack Test Firm Report Dated August 5, 2011	F. Test Date: June 22, 2011

A. Emission Unit Description: Kiln #4 – SO ₂ (RATA Results – lb/hr)			B. Pollutant: SO ₂
C. Measured Emission Rate: 4.13% Relative Accuracy	D. Limited Emission Rate: 20% RA	E. Specific Source Test or Monitoring Record Citation: TRC Stack Test Firm Report Dated August 5, 2011	F. Test Date: June 22, 2011

A. Emission Unit Description: Kiln #4 – PM10 Compliance Testing (Three run average)-Rule 52			B. Pollutant: PM10
C. Measured Emission Rate: 0.56 gr/dscf	D. Limited Emission Rate: 0.072 gr/dscf	E. Specific Source Test or Monitoring Record Citation: TRC Stack Test Firm Report Dated August 5, 2011	F. Test Date: June 22, 2011

A. Emission Unit Description: Kiln #4 – PM10 Compliance Testing (Three run average)-Rule 53			B. Pollutant: PM10
C. Measured Emission Rate: 1.92 lb/hr	D. Limited Emission Rate: 21.84 lb/hr	E. Specific Source Test or Monitoring Record Citation: TRC Stack Test Firm Report Dated August 5, 2011	F. Test Date: June 22, 2011



ANNUAL COMPLIANCE CERTIFICATION

SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 03/01/11 (MM/DD/YY) to 03/31/12 (MM/DD/YY)

A. Emission Unit Description: Kiln #4 – PM Compliance Testing (Three run average)-PCO00036PC3			B. Pollutant: PM
C. Measured Emission Rate: 0.015 lbPM/Ton of Product	D. Limited Emission Rate: 0.2748 lbPM/Ton of Product	E. Specific Source Test or Monitoring Record Citation: TRC Stack Test Firm Report Dated August 5, 2011	F. Test Date: June 22, 2011

A. Emission Unit Description: Kiln #4 – Stack Flow (RATA Results – dscfm)			B. Pollutant: Stack Flow
C. Measured Emission Rate: 1.11% Relative Accuracy	D. Limited Emission Rate: 20%	E. Specific Source Test or Monitoring Record Citation: TRC Stack Test Firm Report Dated August 5, 2011	F. Test Date: June 22, 2011

A. Emission Unit Description: Raw Mill Baghouse – PM10 Compliance Testing (Three run average) Rule 52			B. Pollutant: PM10
C. Measured Emission Rate: 0.0089 gr/dscf	D. Limited Emission Rate: 0.081 gr/dscf	E. Specific Source Test or Monitoring Record Citation: TRC Stack Test Firm Report Dated August 5, 2011	F. Test Date: June 20, 2011

A. Emission Unit Description: Raw Mill Baghouse – PM10 Compliance Testing (Three run average) Rule 53			B. Pollutant: PM10
C. Measured Emission Rate: 0.766 lb/hr	D. Limited Emission Rate: 19.75 lb/hr	E. Specific Source Test or Monitoring Record Citation: TRC Stack Test Firm Report Dated August 5, 2011	F. Test Date: June 20, 2011



ANNUAL COMPLIANCE CERTIFICATION

SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 03/01/11 (MM/DD/YY) to 03/31/12 (MM/DD/YY)

A. Emission Unit Description: Finish Mill Baghouse – PM10 Compliance Testing (Three run average) – Rule 52			B. Pollutant: PM10
C. Measured Emission Rate: 0.0030 gr/dscf	D. Limited Emission Rate: 0.17 gr/dscf	E. Specific Source Test or Monitoring Record Citation: TRC Stack Test Firm Report Dated August 5, 2010	F. Test Date: June 20, 2011

A. Emission Unit Description: Finish Mill Baghouse – PM10 Compliance Testing (Three run average) – Rule 53			B. Pollutant: PM10
C. Measured Emission Rate: 0.038 lb/hr	D. Limited Emission Rate: 15.35 lb/hr	E. Specific Source Test or Monitoring Record Citation: TRC Stack Test Firm Report Dated August 5, 2010	F. Test Date: June 20, 2011



Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 03/01/11 (MM/DD/YY) to 03/31/12 (MM/DD/YY)

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

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

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



Ventura County
Air Pollution
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Period Covered by Compliance Certification: 03/01/11 (MM/DD/YY) to 03/31/12 (MM/DD/YY)

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

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

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



ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 03/01/11 (MM/DD/YY) to 03/31/12 (MM/DD/YY)

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

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

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



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Period Covered by Compliance Certification: 03/ 01 /11 (MM/DD/YY) to 03/31 /12 (MM/DD/YY)

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

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

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



ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 03/01/11 (MM/DD/YY) to 03/31/12 (MM/DD/YY)

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

<p>A. Attachment # or Permit Condition #: PO0036PC3 Condition 4</p>	<p>D. Frequency of monitoring: Broken Bag house Leak Detector monitored during affected source operation hours.</p>
<p>B. Description: Opacity limits for Kilns 3 and 4</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable EPA Method 9</p>
<p>C. Method of monitoring: Permittee shall not discharge into atmosphere more than three minutes in one hour darker than Ringelmann No. 1 or 20% opacity. The bag house is equipped with a CPM 750 bag house leak detector with alarm indicator when the alarm indicates a leak the kiln operator will do a visual inspection for dust. (EPA Method 9 and EPA Method 22)</p>	<p>F. Currently in Compliance? (Y or N): <u> Y </u> G. Compliance Status? (C or I): <u> C </u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u> N </u> *If yes, attach Deviation Summary Form</p>

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



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

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

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



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

<p>A. Attachment # or Permit Condition #: PO0036PC4</p>	<p>D. Frequency of monitoring: Recordkeeping and Annual Compliance Statement</p>
<p>B. Description: Rule 26- Standby Feed System Annual certification that the Primary System and the standby raw material system were not run simultaneously.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Recordkeeping demonstrating compliance. An control system interlock has been installed to prevent simultaneous operations of these two systems. - Compliance Statement: In this reporting period the standby raw material feed system was not operated simultaneously with the primary raw material feed system.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

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



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

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

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



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<p>A. Attachment # or Permit Condition #: PO0036PC5 Condition 5</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: Rule 26-Extrusion Process Using Diesel #2 or Biodiesel certification fuels shall not exceed 15 ppm sulfur and supplier or site specific testing per delivery</p>	<p>Fuel Delivery Data is attached in Appendix C</p>
<p>C. Method of monitoring: Sulfur testing data or supplier testing data provided in annual certification</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

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

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



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

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

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



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

<p>A. Attachment # or Permit Condition #: PO00036PC9 Conditions 1, 2, 3, 4, 6, 8, 9, 10, 11</p>	<p>D. Frequency of monitoring: Annual RATA and source testing. Hourly CEM emissions recordkeeping and lime usage.</p>
<p>B. Description: Sulfur Dioxide (Sox) emissions limits and monitoring for Kilns #3 and #4. Installation and recordkeeping of Sox CEM system and compliance with 7.61 lbs.hr for kiln #3 and 8.28 lbs/hr for Kiln #4 and not exceed 300 ppm by volume. Requires installation of lime injection system as control.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable See Attached Source Test Form Annual RATA</p>
<p>C. Method of monitoring: Install and maintain a Sox CEM system and perform annual RATA and Source Testing. CEM recordkeeping to have hourly and annual Sox emissions calculated. Installation of lime injections system and recordkeeping of hourly lime usage rates.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

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



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



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<p>A. Attachment # or Permit Condition #: # Attachment 50 Rule 50 Condition 4</p>	<p>D. Frequency of monitoring: Annual (compliance certification) and Per FDRP</p>
<p>B. Description: General Applicable Requirements Maintain and implement a Fugitive Dust Reduction Plan (FDRP). The FDRP shall include use of dust suppressant or chemical stabilizer, use of paved area rumble gates or gravel pads to minimize trackout, and use of posted speed limits on unpaved haul roads</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Not applicable</p>
<p>C. Method of monitoring: General Applicable Requirements Annual Compliance certification; Records and Reports shall be maintained at the facility (and submitted to the District upon request). Monitoring, Record keeping and report required by FDRP. Fugitive Dust Plan was prepared prior to June 30, 2006. Records are maintained for application of water and routine plant surveillance</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: Attachment 54 .B.1-36 Rule 54.B.1</p>	<p>D. Frequency of monitoring: Annual (compliance certification)</p>
<p>B. Description: General Applicable Requirements Per Rule 54, for units excluding Kiln No 3 and Kiln no 4, that combust gas or liquid fuels. No discharge of sulfur compounds (that are liquid or gas at standard conditions) in excess of 300 ppm by volume from any combustion operation</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Annual compliance certification Monitoring requirement under Rule 64 (district has determined that compliance with Rule 64 ensures compliance with Rule 54.B.1)</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

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



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<p>A. Attachment # or Permit Condition #: Attachment 64.B.1 Sulfur content gaseous fuels</p>	<p>D. Frequency of monitoring: Annual (compliance certification)</p>
<p>B. Description: General Applicable Requirements Rule 64.B.1 - Sulfur Content of Fuels No fuel shall burn fuel containing sulfur compounds in excess of 50 grains per 100 cubic feet of gaseous fuel (788 ppmv). If only PUC regulated natural gas, propane, or butane is combusted, it will be assumed that the permittee is complying with Rule 64 Records of annual and quarterly testing if gas is other than PUC -quality gas, propane or butane</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable SCAQMD 307-94 or ASTM D1072-90 or ASTM D4180-88 or ASTM 4084-94 (if applicable)</p>
<p>C. Method of monitoring: Annual compliance certification Not testing required if gas is PUC-quality and only Public Utility Commission Regulated Natural Gas is used at this facility. Additional periodic monitoring is not required. Records of natural gas purchase (bills) are maintained.</p>	<p>F. Currently in Compliance? (Y or N): <u> Y </u> G. Compliance Status? (C or I): <u> C </u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u> N </u> *If yes, attach Deviation Summary Form</p>

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

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



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Period Covered by Compliance Certification: 03/ 01 /11 (MM/DD/YY) to 03/31 /12 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: Attachment 74.11.1 Water Heaters and Boilers</p>	<p>D. Frequency of monitoring: Annual (compliance certification)</p>
<p>B. Description: General Applicable Requirements Rule 74.211.1 Large Water Heaters and Small Boilers After December 31, 2000 may not install any new unit with a rate heat input capacity of greater than or equal to 75,000 BTU/hr and less than or equal to 400,000 BTU/hr unless it meets certain criteria.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Not applicable</p>
<p>C. Method of monitoring: Annual compliance certification N/A there are no water heaters, boilers, steam generators or process heaters with a rated heat input capacity of greater than 75,000 BTU/hr at this stationary source. May apply to future installation of large water heater or small boilers.</p>	<p>F. Currently in Compliance? (Y or N): <u> Y </u> G. Compliance Status? (C or I): <u> C </u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u> N </u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: Attachment 74.22 Central Furnace</p>	<p>D. Frequency of monitoring: Annual (compliance certification)</p>
<p>B. Description: General Applicable Requirements Rule 74.22 Natural Gas Central Furnace: 1. No person shall sell, offer for sale, or install in this District any natural gas-fired, fan-type central furnace with NOx (oxides of nitrogen) emissions in excess of 40 nanograms per joule of heat output. 2. No person shall sell, offer for sale, or install in this District any natural gas-fired, fan-type central furnace unless it is certified and identified in accordance with Section C.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Not applicable</p>
<p>C. Method of monitoring: Annual compliance certification Not required. Applicable to potential future installations. Exempt per Condition 3 – All current heaters were installed prior to May 31, 1994.</p>	<p>F. Currently in Compliance? (Y or N): <u> Y </u> G. Compliance Status? (C or I): <u> C </u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u> N </u> *If yes, attach Deviation Summary Form</p>

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



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

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

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



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

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

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



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

A. Attachment # 40 CFR Part 60, Subpart OOO (4.22.08) Condition #5	D. Frequency of monitoring: Annual stack test - See Attached Source Test Form
B. Description: Stack emissions from baghouses controlling emissions from an individual enclosed storage bin shall not exhibit greater than 7 percent opacity.	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): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form

A. Attachment # 40 CFR Part 60, Subpart OOO (4.22.08) Condition #6, #7, #8	D. Frequency of monitoring: Annual- certification
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.	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): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form



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<p>A. Attachment # 40 CFR Part 60, Subpart 000 (4.22.08) Condition #9</p>	<p>D. Frequency of monitoring: Annual certification; periodic routine application</p>
<p>B. Description: On a monthly basis, the permittee shall inspect all water spray equipment, initiate any necessary repairs within 24 hours and record the date of each inspection and corrective action in a log book.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Annual RATA</p>
<p>C. Method of monitoring: -Annual compliance certification Logs of water spray application (for applicable equipment that is operating)</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # 40 CFR Part 60, Subpart 000 (4.22.08) Condition #10, #11</p>	<p>D. Frequency of monitoring: Annual compliance certification</p>
<p>B. Description: #10: A wet scrubber shall be equipped with calibrated continuous monitoring of a) pressure loss of the gas stream and b) scrubbing liquid flow rate. #11, The permittee shall maintain records of the continuous monitoring of the wet scrubber.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Not Applicable</p>
<p>C. Method of monitoring: N/A., no wet scrubbers have been installed after April 22, 2008 Annual compliance certification</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # 40 CFR Part 60, Subpart 000 (4.22.08) Condition #12</p>	<p>D. Frequency of monitoring: Routine periodic visible emission monitoring ; annual certification</p>
<p>B. Description: The permittee shall submit written reports to the District of results of all performance tests to demonstrate compliance with emission concentration and opacity limits, including Method 9 and Method 22 observations.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Not Applicable</p>
<p>C. Method of monitoring: Annual compliance certification Logs of routine periodic monitoring and visible emission monitoring.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>



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<p>A. Attachment # 40 CFR Part 60, Subpart OOO (4.22.08) Condition #13</p>	<p>D. Frequency of monitoring: Annual certificaion</p>
<p>B. Description: The permittee shall report any change in process material from saturated material to unsaturated material within 30 days following such change. At the time of such change, the screening operation, bucket elevator, or belt conveyor becomes subject to the opacity standards.</p>	<p>E.</p>
<p>C. Method of monitoring: Annual compliance certificaon</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #:</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description:</p>	<p>E.</p>
<p>C. Method of monitoring:</p>	<p>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</p>

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



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<p>A. Attachment # or Permit Condition #: Attachment 55- Rule 55: Fug. Dust ,Condition 1</p>	<p>D. Frequency of monitoring:</p> <p>Annual (compliance certification) and routine periodic surveillance</p>
<p>B. Description: Per Applicable Requirements of Rule 55.B.1</p> <p>No discharge of fugitive dust from applicable source visible more than 50 feet from the property boundary or more than midway across adjacent roadway</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring :</p> <p>Routine, periodic surveillance and visual inspections</p> <p>Annual Compliance Certification. Monitoring, Record keeping and report required by Fugitive Dust Reduction Plan (FDRP). The FDRP includes use of dust suppressant/ chemical stabilizer, use of paved area or gravel pads to minimize track-out, and use of posted speed limits on unpaved haul roads</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>
<p>A. Attachment # or Permit Condition #: Attachment 55 –Rule 55 -Fug. Dust, Condition 2</p>	<p>D. Frequency of monitoring:</p> <p>Annual (compliance certification) and periodic inspections..</p>
<p>B. Description: Per General Applicable Requirements Rule 55.B.2</p> <p>No discharge of fugitive dust from applicable source such that emission from source creates greater than 20% opacity for more than 3 minutes (cumulative) within 1 hour.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable. Not applicable</p>
<p>C. Method of monitoring:</p> <p>Periodic routine visual inspection. Annual compliance certification</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>
<p>A. Attachment # or Permit Condition #: Attachment 55-Rule 55 Fug. Dust –Condition 3</p>	<p>D. Frequency of monitoring: Periodic visual inspection and annual compliance certification</p>
<p>B. Description: General Applicable Requirements per Rule 55.B.3</p> <p>No track-out to extend 25 feet or more in length unless specific control measure is utilized: either track-out area improvement, track-out prevention, or track-out removal</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Not applicable</p>
<p>C. Method of monitoring:</p> <p>Records and periodic inspection. Annual compliance certification</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>



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<p>A. Attachment # or Permit Condition #: #: Attachment 55-Rule 55 Fug Dust, Condition 4</p>	<p>D. Frequency of monitoring: Annual (compliance certification)</p>
<p>B. Description: General Applicable Requirements per Rule 55.B.3.b All track-out to be removed at end of each operating day , per conditions in Rule 55 B.3.b</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Not applicable</p>
<p>C. Method of monitoring: General Applicable Requirements Annual Compliance certification; Records and Reports maintained at the facility</p>	<p>F. Currently in Compliance? (Y or N): <u> Y </u></p> <p>G. Compliance Status? (C or I): <u> C </u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u> N </u> *If yes, attach Deviation Summary Form</p>

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

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



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<p>A. Attachment # or Permit Condition #: Attachment 55- Rule 55:Condition 7</p>	<p>D. Frequency of monitoring: Annual (compliance certification)</p>
<p>B. Description: General Applicable Requirements Per Rule 55, certify on annual basis that all applicable sources of dust at this stationary source are operating in compliance with Rule 55.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Annual compliance certification</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

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

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



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<p>A. Attachment # or Permit Condition #: PO00035PC10-rev261-Condition 1</p>	<p>D. Frequency of monitoring: Annual (compliance certification)</p>
<p>B. Description: General Applicable Requirements Rule 26 -New Source Review Raw Material Baghouse shall be installed to meet specified requirements and control particulate emissions from specific equipment</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Annual compliance certification;</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO00035PC10-rev261-Condition 2</p>	<p>D. Frequency of monitoring: Annual compliance certification and source test See attached source test summary form</p>
<p>B. Description: General Applicable Requirements Meet Particulate matter (PM) emission limits of Rules 52 and 52 as shown by: 1. by annual source test for PM with Method CARB 5 2. per Rule 26, submit test protocol 30 days prior to test and test report and results to be submitted to APCD within 45 days after test.</p>	<p>E. Source test reference method, if applicable. See Attached Source Test Summary Form Method CARB 5</p>
<p>C. Method of monitoring: Annual compliance certification Source test results</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

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



ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 03/01/11 (MM/DD/YY) to 03/31/12 (MM/DD/YY)

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

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

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



ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 03/01/11 (MM/DD/YY) to 03/31/12 (MM/DD/YY)

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



Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 03/01/11(MM/DD/YY) to 03/31/12 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: #. PO000PC11, Condition 4</p>	<p>D. Frequency of monitoring:</p> <p>Annual (compliance certification)</p>
<p>B. Description: Initial Method (9 source test)</p> <p>Initial EAP Method 9 source test with report submitted to VCAPCD Compliance Division or initial inspection conducted by VCAPCD compliance Division with an EPA Method 9 source test if visible emissions observed (to be completed in District Inspection occurring between March 1 2011 and December 31.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p> <p>No visible emission observed</p>
<p>C. Method of monitoring: General Applicable Requirements</p> <p>Annual Compliance certification</p> <p>VCAPCD inspection did not observe visible emissions.</p>	<p>F. Currently in Compliance? (Y or N): <u> Y </u></p> <p>G. Compliance Status? (C or I): <u> C </u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u> N </u></p> <p>*If yes, attach Deviation Summary Form</p>

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

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

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 2011

	Biosoy used	Tons Extruded	Gal / Per Ton	Hours run	
1-Mar	288.6	640	0.4509375	14.8	
2-Mar	314.0	696	0.451077586	16.1	
3-Mar	386.1	857	0.450525088	19.8	
4-Mar	284.7	632	0.450474684	14.6	
5-Mar	354.9	787	0.450952986	18.2	
6-Mar	319.8	709	0.451057828	16.4	
7-Mar	113.1	251	0.45059761	5.8	
8-Mar	140.4	311	0.451446945	7.2	
9-Mar	111.2	247	0.45	5.7	
10-Mar	0.0		0	0	
11-Mar	0.0		0	0	
12-Mar	0.0		0	0	
13-Mar	0.0		0	0	
14-Mar	0.0		0	0	
15-Mar	0.0		0	0	
16-Mar	0.0		0	0	
17-Mar	0.0		0	0	
18-Mar	0.0		0	0	
19-Mar	0.0		0	0	
20-Mar	0.0		0	0	
21-Mar	0.0		0	0	
22-Mar	0.0		0	0	
23-Mar	0.0		0	0	
24-Mar	0.0		0	0	
25-Mar	0.0		0	0	
26-Mar	0.0		0	0	
27-Mar	0.0		0	0	
28-Mar	0.0		0	0	
29-Mar	0.0		0	0	
30-Mar	0.0		0	0	
31-Mar	0.0		0	0	
Totals	2312.7	5130	0.450818713		

Biosoy Usage in raw clay Production 2011

	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	0.0	0	0	0	
18-Apr	0.0	0	0	0	
19-Apr	0.0	0	0	0	
20-Apr	0.0	0	0	0	
21-Apr	0.0	0	0	0	
22-Apr	0.0	0	0	0	
23-Apr	0.0	0	0	0	
24-Apr	0.0	0	0	0	
25-Apr	0.0	0	0	0	
26-Apr	0.0	0	0	0	
27-Apr	0.0	0	0	0	
28-Apr	0.0	0	0	0	
29-Apr	0.0	0	0	0	
30-Apr	0.0		0	0	
Totals	0	0	#DIV/0!		

Biosoy Usage in raw clay Production 2011

	Biosoy used	Tons Extruded	Gal / Per Ton	Hours run	
May					
1-May	0.0	0	0	0	
2-May	0.0	0	0	0	
3-May	0.0	0	0	0	
4-May	0.0	0	0	0	
5-May	0.0	0	0	0	
6-May	0.0	0	0	0	
7-May	0.0	0	0	0	
8-May	0.0	0	0	0	
9-May	241.8	536	0.451119403	12.4	
10-May	191.1	424	0.450707547	9.8	
11-May	175.5	389	0.451156812	9	
12-May	124.8	277	0.450541516	6.4	
13-May	175.5	389	0.451156812	9	
14-May	224.3	497	0.451207243	11.5	
15-May	159.9	355	0.450422535	8.2	
16-May	183.3	407	0.45036855	9.4	
17-May	195.0	433	0.45034642	10	
18-May	282.8	627	0.450956938	14.5	
19-May	296.4	658	0.450455927	15.2	
20-May	306.2	679	0.450883652	15.7	
21-May	321.8	714	0.450630252	16.5	
22-May	265.2	588	0.451020408	13.6	
23-May	397.8	882	0.451020408	20.4	
24-May	0.0	0	0		
25-May	0.0	0	0		
26-May	0.0	0	0		
27-May	0.0	0	0		
28-May	0.0	0	0		
29-May	0.0	0	0		
30-May	0.0	0	0		
31-May	0.0	0	0		
Totals	3541.2	7855	0.450821133		

Biosoy Usage in raw clay Production 2011

June	Biosoy used	Tons Extruded	Gal / Per Ton	Hours run
1-Jun	0.0	0	#DIV/0!	0
2-Jun	0.0	0	#DIV/0!	0
3-Jun	0.0	0	#DIV/0!	0
4-Jun	0.0	0	#DIV/0!	0
5-Jun	0.0	0	#DIV/0!	0
6-Jun	0.0	0	#DIV/0!	0
7-Jun	0.0	0	#DIV/0!	0
8-Jun	0.0	0	#DIV/0!	0
9-Jun	0.0	0	#DIV/0!	0
10-Jun	0.0	0	#DIV/0!	0
11-Jun	0.0	0	#DIV/0!	0
12-Jun	0.0	0	#DIV/0!	0
13-Jun	382.2	848	0.450707547	19.6
14-Jun	222.3	493	0.450912779	11.4
15-Jun	314.0	696	0.451077586	16.1
16-Jun	319.8	709	0.451057828	16.4
17-Jun	230.1	510	0.451176471	11.8
18-Jun	335.4	744	0.450806452	17.2
19-Jun	343.2	761	0	17.6
20-Jun	370.5	822	0	19
21-Jun	321.8	714	0	16.5
22-Jun	284.7	632	0	14.6
23-Jun	183.3	407	0	9.4
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	3307.2	7336	0.450817884	

Biosoy Usage in raw clay Production 2011

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	0.0	0	0	0	
19-Jul	0.0	0	0	0	
20-Jul	0.0	0	0	0	
21-Jul	0.0	0	0	0	
22-Jul	0.0	0	0	0	
23-Jul	0.0	0	0	0	
24-Jul	0.0	0	0	0	
25-Jul	0.0	0	0	0	
26-Jul	0.0	0	0	0	
27-Jul	0.0	0	0	0	
28-Jul	0.0	0	0	0	
29-Jul	0.0	0	0	0	
30-Jul	0.0	0	0	0	
31-Jul	0.0	0	#DIV/0!	0	
Totals	0	0	#DIV/0!		

Biosoy Usage in raw clay Production 2011

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 2011

September	Biosoy used	Tons Extruded	Gal / Per Ton	Hours run	
1-Sep	152.1	337	0.451335312	7.8	
2-Sep	325.7	722	0.451038781	16.7	
3-Sep	286.7	636	0.450707547	14.7	
4-Sep	354.9	787	0.450952986	18.2	
5-Sep	319.8	709	0.451057828	16.4	
6-Sep	210.6	467	0.450963597	10.8	
7-Sep	54.6	121	0.451239669	2.8	
8-Sep	202.8	450	0.450666667	10.4	
9-Sep	407.6	904	0.450829646	20.9	
10-Sep	234.0	519	0.450867052	12	
11-Sep	58.5	130	0.45	3	
12-Sep	0.0		0		
13-Sep	0.0		0		
14-Sep	0.0		0		
15-Sep	0.0		0		
16-Sep	0.0		0		
17-Sep	0.0		0		
18-Sep	0.0		0		
19-Sep	0.0		0		
20-Sep	0.0		0		
21-Sep	0.0		0		
22-Sep	0.0		0		
23-Sep	0.0		0		
24-Sep	0.0		0		
25-Sep	0.0		0		
26-Sep	0.0		0		
27-Sep	0.0		0		
28-Sep	0.0		0		
29-Sep	0.0		0		
30-Sep	0.0		0		
Totals	2607.15	5782	0.45090799		

Biosoy Usage in raw clay Production 2011

October	Biosoy used	Tons Extruded	Gal / Per Ton	Hours run	
1-Oct	0.0	0	0	0	0
2-Oct	0.0	0	0	0	0
3-Oct	0.0	0	0	0	0
4-Oct	0.0	0	0	0	0
5-Oct	0.0	0	0	0	0
6-Oct	0.0	0	0	0	0
7-Oct	0.0	0	0	0	0
8-Oct	0.0	0	0	0	0
9-Oct	0.0	0	0	0	0
10-Oct	0.0	0	0	0	0
11-Oct	0.0	0	0	0	0
12-Oct	0.0	0	0	0	0
13-Oct	0.0	0	0	0	0
14-Oct	0.0	0	0	0	0
15-Oct	0.0	0	0	0	0
16-Oct	0.0	0	0	0	0
17-Oct	0.0	0	0	0	0
18-Oct	0.0	0	0	0	0
19-Oct	0.0	0	0	0	0
20-Oct	0.0	0	0	0	0
21-Oct	0.0	0	0	0	0
22-Oct	0.0	0	0	0	0
23-Oct	0.0	0	0	0	0
24-Oct	0.0	0	0	0	0
25-Oct	0.0	0	0	0	0
26-Oct	0.0	0	0	0	0
27-Oct	0.0	0	0	0	0
28-Oct	0.0	0	0	0	0
29-Oct	0.0	0	0	0	0
30-Oct	0.0	0	0	0	0
31-Oct	0.0	0	0	0	0
Totals	0	0	#DIV/0!		0

Biosoy Usage in raw clay Production 2011

November	Biosoy used	Tons Extruded	Gal / Per Ton	Hours run	
1-Nov	100.5	222	0.452702703	6.7	
2-Nov	265.5	587	0.45229983	17.7	
3-Nov	249.0	550	0.452727273	16.6	
4-Nov	285.0	630	0.452380952	19	
5-Nov	250.5	554	0.452166065	16.7	
6-Nov	300.0	663	0.452488688	20	
7-Nov	271.5	600	0.4525	18.1	
8-Nov	186.0	411	0.452554745	12.4	
9-Nov	135.0	298	0.453020134	9	
10-Nov	339.0	749	0.452603471	22.6	
11-Nov	75.0	166	0.451807229	5	
12-Nov	0.0	0	0	0	
13-Nov	0.0	0	0	0	
14-Nov	0.0	0	0	0	
15-Nov	0.0	0	0	0	
16-Nov	0.0	0	0	0	
17-Nov	0.0	0	0	0	
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	2457	5430	0.452486188		

Biosoy Usage in raw clay Production 2011

December	Biosoy used	Tons Extruded	Gal / Per Ton	Hours run	
1-Dec	0.0	0.0	0	0	0
2-Dec	0.0	0.0	0	0	
3-Dec	0.0	0.0	0	0	
4-Dec	79.5	229.0	0.347161572	5.3	
5-Dec	79.5	229.0	0.347161572	5.3	
6-Dec	213.0	614.0	0.346905537	14.2	
7-Dec	256.5	740.0	0.346621622	17.1	
8-Dec	238.5	688.0	0.346656977	15.9	
9-Dec	313.5	904.0	0.346792035	20.9	
10-Dec	274.5	792.0	0.346590909	18.3	
11-Dec	235.5	679.0	0.346833579	15.7	
12-Dec	238.5	688.0	0.346656977	15.9	
13-Dec	267.0	770.0	0.346753247	17.8	
14-Dec	192.0	554.0	0.346570397	12.8	
15-Dec	291.0	839.0	0.346841478	19.4	
16-Dec	231.0	666.0	0.346846847	15.4	
17-Dec	88.5	255.0	0.347058824	5.9	
18-Dec	0.0	0.0	0	0	
19-Dec	0.0	0.0	0	0	
20-Dec	0.0	0.0	0	0	
21-Dec	0.0	0.0	0	0	
22-Dec	0.0	0.0	0	0	
23-Dec	0.0	0.0	0	0	
24-Dec	0.0	0.0	0	0	
25-Dec	0.0	0.0	0	0	
26-Dec	0.0	0.0	0	0	
27-Dec	0.0	0.0	0	0	
28-Dec	175.5	506.0	0.346837945	11.7	
29-Dec	292.5	844.0	0.346563981	19.5	
30-Dec	315.0	908.0	0.3469163	21	
31-Dec	262.5	757.0	0.34676354	17.5	
Totals	4044	11662	0.346767278		

Biosoy Usage in raw clay Production 2012

January	Biosoy used	Tons Extruded	Gal / Per Ton	Hours run	
1-Jan	345.2	754	0.457758621	17.7	
2-Jan	362.7	792	0.457954545	18.6	
3-Jan	360.8	788	0.457804569	18.5	
4-Jan	321.8	703	0.457681366	16.5	
5-Jan	358.8	784	0.457653061	18.4	
6-Jan	333.5	728	0.458035714	17.1	
7-Jan	339.3	741	0.457894737	17.4	
8-Jan	278.9	609	0.457881773	14.3	
9-Jan	230.1	503	0.457455268	11.8	
10-Jan	144.3	315	0.458095238	7.4	
11-Jan	0.0	0	0	0	
12-Jan	0.0	0	0	0	
13-Jan	0.0	0	0	0	
14-Jan	0.0	0	0	0	
15-Jan	0.0	0	0	0	
16-Jan	0.0	0	0	0	
17-Jan	0.0	0	0	0	
18-Jan	0.0	0	0	0	
19-Jan	0.0	0	0	0	
20-Jan	0.0	0	0	0	
21-Jan	0.0	0	0	0	
22-Jan	0.0	0	0	0	
23-Jan	0.0	0	0	0	
24-Jan	0.0	0	0	0	
25-Jan	0.0	0	0	0	
26-Jan	0.0	0	0	0	
27-Jan	0.0	0	0	0	
28-Jan	0.0	0	0	0	
29-Jan	0.0	0	0	0	
30-Jan	0.0	0	0	0	
31-Jan	0.0	0	0	0	
Totals	3075.15	6717	0.457815989		

Biosoy Usage in raw clay Production 2012

	Biosoy used	Tons Extruded	Gal / Per Ton	Hours run	
1-Feb	356.9	780	0.4575	18.3	
2-Feb	276.9	605	0.45768595	14.2	
3-Feb	187.2	409	0.457701711	9.6	
4-Feb	198.9	435	0.457241379	10.2	
5-Feb	163.8	358	0.457541899	8.4	
6-Feb	173.6	379	0.457915567	8.9	
7-Feb	167.7	366	0.458196721	8.6	
8-Feb	189.2	413	0.457990315	9.7	
9-Feb	163.8	358	0.457541899	8.4	
10-Feb	97.5	213	0.457746479	5	
11-Feb	249.6	545	0.457981651	12.8	
12-Feb	193.1	422	0.457464455	9.9	
13-Feb	142.4	311	0.457717042	7.3	
14-Feb	290.6	635	0.457559055	14.9	
15-Feb	325.7	711	0.458016878	16.7	
16-Feb	169.7	370	0.458513514	8.7	
17-Feb	0.0	0	0	0	
18-Feb	0.0	0	0	0	
19-Feb	0.0	0	0	0	
20-Feb	0.0	0	0	0	
21-Feb	0.0	0	0	0	
22-Feb	0.0	0	0	0	
23-Feb	292.5	639	0.457746479	15	
24-Feb	362.7	792	0.457954545	18.6	
25-Feb	331.5	724	0.457872928	17	
26-Feb	358.8	784	0.457653061	18.4	
27-Feb	317.9	694	0.457997118	16.3	
28-Feb	237.9	520	0.4575	12.2	
29-Feb	382.2	835	0.457724551	19.6	
Totals	5630	12298	0.457769556		

Biosoy Usage in raw clay Production 2012

	Biosoy used	Tons Extruded	Gal / Per Ton	Hours run	
1-Mar	386.1	843	0.458007117	19.8	
2-Mar	432.9	946	0.457610994	22.2	
3-Mar	401.7	878	0.457517084	20.6	
4-Mar	353.0	771	0.457782101	18.1	
5-Mar	276.9	605	0.45768595	14.2	
6-Mar	325.7	711	0.458016878	16.7	
7-Mar	300.3	656	0.45777439	15.4	
8-Mar	154.1	337	0.457121662	7.9	
9-Mar	216.5	473	0.457610994	11.1	
10-Mar	358.8	784	0.457653061	18.4	
11-Mar	119.0	260	0.4575	6.1	
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	3324.75	7264	0.457702368		

Daily & Monthly Material Produced

March Production	Kiln #3 (tons)	Kiln #4 (tons)	Total	12 Month rolling totals	
3/1/2011	216	225	441		
3/2/2011	206	206	412		
3/3/2011	200	202	402		
3/4/2011	214	217	432		
3/5/2011	216	206	422		
3/6/2011	193	228	420		
3/7/2011	196	193	389		
3/8/2011	155	139	294		
3/9/2011	79	87	166		
3/10/2011	0	0	0		
3/11/2011	0	0	0		
3/12/2011	0	0	0		
3/13/2011	0	0	0		
3/14/2011	0	0	0		
3/15/2011	0	0	0		
3/16/2011	0	0	0		
3/17/2011	0	0	0		
3/18/2011	0	0	0		
3/19/2011	0	0	0		
3/20/2011	0	0	0	Apr-10	4,132
3/21/2011	0	0	0	May-10	4,167
3/22/2011	0	0	0	Jun-10	4,132
3/23/2011	0	0	0	Jul-10	4,039
3/24/2011	0	0	0	Aug-10	5,287
3/25/2011	0	0	0	Sep-10	5,096
3/26/2011	0	0	0	Oct-10	3,708
3/27/2011	0	0	0	Nov-10	4,203
3/28/2011	0	0	0	Dec-10	3,726
3/29/2011	0	0	0	Jan-11	0
3/30/2011	0	0	0	Feb-11	5,033
3/31/2011	0	0	0		
March Total	1,675	1,703	3,378	46,901	monthly rolling

April Production	Kiln #3 (tons)	Kiln #4 (tons)	Total
4/1/2011	0	0	0
4/2/2011	0	0	0
4/3/2011	0	0	0
4/4/2011	0	0	0
4/5/2011	0	0	0
4/6/2011	0	0	0
4/7/2011	0	0	0
4/8/2011	0	0	0
4/9/2011	0	0	0
4/10/2011	0	0	0
4/11/2011	0	0	0
4/12/2011	0	0	0
4/13/2011	0	0	0
4/14/2011	0	0	0
4/15/2011	0	0	0
4/16/2011	0	0	0
4/17/2011	0	0	0
4/18/2011	0	0	0
4/19/2011	0	0	0
4/20/2011	0	0	0
4/21/2011	0	0	0
4/22/2011	0	0	0
4/23/2011	0	0	0
4/24/2011	0	0	0
4/25/2011	0	0	0
4/26/2011	0	0	0
4/27/2011	0	0	0
4/28/2011	0	0	0
4/29/2011	0	0	0
4/30/2011	0	0	0

April Total

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42,769 monthly rolling

May Production	Kiln #3 (tons)	Kiln #4 (tons)	Total	
5/1/2011	0	0	0	
5/2/2011	0	0	0	
5/3/2011	0	0	0	
5/4/2011	0	0	0	
5/5/2011	0	0	0	
5/6/2011	0	0	0	
5/7/2011	0	0	0	
5/8/2011	0	0	0	
5/9/2011	0	64	64	
5/10/2011	0	243	243	
5/11/2011	0	212	212	
5/12/2011	0	101	101	
5/13/2011	0	240	240	
5/14/2011	0	240	240	
5/15/2011	0	248	248	
5/16/2011	0	242	242	
5/17/2011	0	227	227	
5/18/2011	0	245	245	
5/19/2011	135	242	377	
5/20/2011	220	247	467	
5/21/2011	215	243	458	
5/22/2011	211	245	456	
5/23/2011	155	202	357	
5/24/2011	0	0	0	
5/25/2011	0	0	0	
5/26/2011	0	0	0	
5/27/2011	0	0	0	
5/28/2011	0	0	0	
5/29/2011	0	0	0	
5/30/2011	0	0	0	
5/31/2011	0	0	0	
May Total	936	3,241	4,177	42,779 monthly rolling

June Production	Kiln #3 (tons)	Kiln #4 (tons)	Total	
6/1/2011	0	0	0	
6/2/2011	0	0	0	
6/3/2011	0	0	0	
6/4/2011	0	0	0	
6/5/2011	0	0	0	
6/6/2011	0	0	0	
6/7/2011	0	0	0	
6/8/2011	0	0	0	
6/9/2011	0	0	0	
6/10/2011	0	0	0	
6/11/2011	0	0	0	
6/12/2011	0	0	0	
6/13/2011	96	101	198	
6/14/2011	208	233	441	
6/15/2011	181	228	409	
6/16/2011	0	221	221	
6/17/2011	202	221	423	
6/18/2011	218	232	451	
6/19/2011	206	210	416	
6/20/2011	207	217	424	
6/21/2011	203	220	423	
6/22/2011	212	224	435	
6/23/2011	243	243	487	
6/24/2011	32	14	46	
6/25/2011	0	0	0	
6/26/2011	0	0	0	
6/27/2011	0	0	0	
6/28/2011	0	0	0	
6/29/2011	0	0	0	
6/30/2011	0	0	0	
June Total	2,008	2,364	4,374	43,021 monthly rolling

July Production	Kiln #3 (tons)	Kiln #4 (tons)	Total
7/1/2011	0	0	0
7/2/2011	0	0	0
7/3/2011	0	0	0
7/4/2011	0	0	0
7/5/2011	0	0	0
7/6/2011	0	0	0
7/7/2011	0	0	0
7/8/2011	0	0	0
7/9/2011	0	0	0
7/10/2011	0	0	0
7/11/2011	0	0	0
7/12/2011	0	0	0
7/13/2011	0	0	0
7/14/2011	0	0	0
7/15/2011	0	0	0
7/16/2011	0	0	0
7/17/2011	0	0	0
7/18/2011	0	0	0
7/19/2011	0	0	0
7/20/2011	0	0	0
7/21/2011	0	0	0
7/22/2011	0	0	0
7/23/2011	0	0	0
7/24/2011	0	0	0
7/25/2011	0	0	0
7/26/2011	0	0	0
7/27/2011	0	0	0
7/28/2011	0	0	0
7/29/2011	0	0	0
7/30/2011	0	0	0
7/31/2011	0	0	0

July Total

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38,982 monthly rolling

August Production	Kiln #3 (tons)	Kiln #4 (tons)	Total	
8/1/2011	0	0	0	
8/2/2011	0	0	0	
8/3/2011	0	0	0	
8/4/2011	0	0	0	
8/5/2011	0	0	0	
8/6/2011	0	0	0	
8/7/2011	0	0	0	
8/8/2011	0	0	0	
8/9/2011	0	0	0	
8/10/2011	0	0	0	
8/11/2011	0	0	0	
8/12/2011	0	0	0	
8/13/2011	0	0	0	
8/14/2011	0	0	0	
8/15/2011	0	0	0	
8/16/2011	0	0	0	
8/17/2011	0	0	0	
8/18/2011	0	0	0	
8/19/2011	0	0	0	
8/20/2011	0	0	0	
8/21/2011	270	208	478	
8/22/2011	196	177	373	
8/23/2011	218	229	447	
8/24/2011	217	240	457	
8/25/2011	224	242	466	
8/26/2011	230	245	475	
8/27/2011	227	245	473	
8/28/2011	226	244	471	
8/29/2011	225	246	470	
8/30/2011	214	240	454	
8/31/2011	111	248	359	
August Total	2,358	2,564	4,923	38,618 monthly rolling

September Product	Kiln #3 (tons)	Kiln #4 (tons)	Total	
9/1/2011	14	244	258	
9/2/2011	216	244	460	
9/3/2011	227	244	471	
9/4/2011	230	246	476	
9/5/2011	227	243	470	
9/6/2011	229	249	478	
9/7/2011	191	178	369	
9/8/2011	170	185	355	
9/9/2011	219	238	457	
9/10/2011	219	242	462	
9/11/2011	72	80	151	
9/12/2011	0	0	0	
9/13/2011	0	0	0	
9/14/2011	0	0	0	
9/15/2011	0	0	0	
9/16/2011	0	0	0	
9/17/2011	0	0	0	
9/18/2011	0	0	0	
9/19/2011	0	0	0	
9/20/2011	0	0	0	
9/21/2011	0	0	0	
9/22/2011	0	0	0	
9/23/2011	0	0	0	
9/24/2011	0	0	0	
9/25/2011	0	0	0	
9/26/2011	0	0	0	
9/27/2011	0	0	0	
9/28/2011	0	0	0	
9/29/2011	0	0	0	
9/30/2011	0	0	0	
September Total	2,014	2,393	4,407	37,929 monthly rolling

October Production	Kiln #3 (tons)	Kiln #4 (tons)	Total	
10/1/2011	0	0	0	
10/2/2011	0	0	0	
10/3/2011	0	0	0	
10/4/2011	0	0	0	
10/5/2011	0	0	0	
10/6/2011	0	0	0	
10/7/2011	0	0	0	
10/8/2011	0	0	0	
10/9/2011	0	0	0	
10/10/2011	0	0	0	
10/11/2011	0	0	0	
10/12/2011	0	0	0	
10/13/2011	0	0	0	
10/14/2011	0	0	0	
10/15/2011	0	0	0	
10/16/2011	0	0	0	
10/17/2011	0	0	0	
10/18/2011	0	0	0	
10/19/2011	0	0	0	
10/20/2011	0	0	0	
10/21/2011	0	0	0	
10/22/2011	0	0	0	
10/23/2011	0	0	0	
10/24/2011	0	0	0	
10/25/2011	0	0	0	
10/26/2011	0	0	0	
10/27/2011	0	0	0	
10/28/2011	0	0	0	
10/29/2011	0	0	0	
10/30/2011	0	0	0	
10/31/2011	0	0	0	
October Total	-	-	-	34,221 monthly rolling

November Producti	Kiln #3 (tons)	Kiln #4 (tons)	Total	
11/1/2011	0	0	0	
11/2/2011	209	220	428	
11/3/2011	222	239	461	
11/4/2011	220	241	461	
11/5/2011	222	245	467	
11/6/2011	231	254	485	
11/7/2011	231	245	476	
11/8/2011	234	248	482	
11/9/2011	218	230	448	
11/10/2011	224	240	464	
11/11/2011	228	241	469	
11/12/2011	0	0	0	
11/13/2011	0	0	0	
11/14/2011	0	0	0	
11/15/2011	0	0	0	
11/16/2011	0	0	0	
11/17/2011	0	0	0	
11/18/2011	0	0	0	
11/19/2011	0	0	0	
11/20/2011	0	0	0	
11/21/2011	0	0	0	
11/22/2011	0	0	0	
11/23/2011	0	0	0	
11/24/2011	0	0	0	
11/25/2011	0	0	0	
11/26/2011	0	0	0	
11/27/2011	0	0	0	
11/28/2011	0	0	0	
11/29/2011	0	0	0	
11/30/2011	0	0	0	
November Total	2,239	2,403	4,641	34,659 monthly rolling

December Production	Kiln #3 (tons)	Kiln #4 (tons)	Total	
12/1/2011	0	0	0	
12/2/2011	0	0	0	
12/3/2011	0	0	0	
12/4/2011	138	217	355	
12/5/2011	210	221	431	
12/6/2011	176	175	351	
12/7/2011	211	216	427	
12/8/2011	224	245	469	
12/9/2011	227	248	475	
12/10/2011	223	243	466	
12/11/2011	226	246	472	
12/12/2011	221	241	462	
12/13/2011	226	247	474	
12/14/2011	155	161	316	
12/15/2011	133	124	257	
12/16/2011	0	0	0	
12/17/2011	0	0	0	
12/18/2011	0	0	0	
12/19/2011	0	0	0	
12/20/2011	0	0	0	
12/21/2011	0	0	0	
12/22/2011	0	0	0	
12/23/2011	0	0	0	
12/24/2011	0	0	0	
12/25/2011	0	0	0	
12/26/2011	0	0	0	
12/27/2011	0	0	0	
12/28/2011	102	111	213	
12/29/2011	208	226	434	
12/30/2011	230	245	475	
12/31/2011	230	242	472	
December Total	3,140	3,408	6,549	38,998 monthly rolling

January Production	Kiln #3 (tons)	Kiln #4 (tons)	Total	
1/1/2012	226	237	463	
1/2/2012	229	244	473	
1/3/2012	224	239	463	
1/4/2012	224	240	464	
1/5/2012	231	247	478	
1/6/2012	224	242	466	
1/7/2012	228	245	474	
1/8/2012	188	245	433	
1/9/2012	221	245	466	
1/10/2012	106	145	252	
1/11/2012	0	0	0	
1/12/2012	0	0	0	
1/13/2012	0	0	0	
1/14/2012	0	0	0	
1/15/2012	0	0	0	
1/16/2012	0	0	0	
1/17/2012	0	0	0	
1/18/2012	0	0	0	
1/19/2012	0	0	0	
1/20/2012	0	0	0	
1/21/2012	0	0	0	
1/22/2012	0	0	0	
1/23/2012	0	0	0	
1/24/2012	0	0	0	
1/25/2012	0	0	0	
1/26/2012	0	0	0	
1/27/2012	0	0	0	
1/28/2012	0	0	0	
1/29/2012	0	0	0	
1/30/2012	0	0	0	
1/31/2012	0	0	0	
January Total	2,101	2,329	4,432	41,914 monthly rolling

February Productio	Kiln #3 (tons)	Kiln #4 (tons)	Total
2/1/2012	91	93	184
2/2/2012	223	156	379
2/3/2012	221	0	221
2/4/2012	229	0	229
2/5/2012	227	0	227
2/6/2012	226	0	226
2/7/2012	219	0	219
2/8/2012	226	0	226
2/9/2012	227	0	227
2/10/2012	227	0	227
2/11/2012	228	0	228
2/12/2012	225	0	225
2/13/2012	186	0	186
2/14/2012	230	143	373
2/15/2012	230	235	465
2/16/2012	211	190	401
2/17/2012	0	0	0
2/18/2012	0	0	0
2/19/2012	0	0	0
2/20/2012	0	0	0
2/21/2012	0	0	0
2/22/2012	0	0	0
2/23/2012	80	88	168
2/24/2012	214	243	457
2/25/2012	223	245	469
2/26/2012	221	244	465
2/27/2012	224	245	470
2/28/2012	119	47	166
2/29/2012	205	218	423

February Total

4,712

2,147

6,861

43,742 monthly rolling

Daily & Monthly Material Produced

March Production	Kiln #3 (tons)	Kiln #4 (tons)	Total	12 Month rolling totals	
3/1/2011	212	229	441		
3/2/2011	212	231	443		
3/3/2011	215	239	454		
3/4/2011	213	231	444		
3/5/2011	210	138	348		
3/6/2011	213	231	444		
3/7/2011	211	230	441		
3/8/2011	186	203	389		
3/9/2011	154	157	310		
3/10/2011	206	209	415		
3/11/2011	101	110	211		
3/12/2011	0	0	0		
3/13/2011	0	0	0		
3/14/2011	0	0	0		
3/15/2011	0	0	0		
3/16/2011	0	0	0		
3/17/2011	0	0	0		
3/18/2011	0	0	0		
3/19/2011	0	0	0		
3/20/2011	0	0	0	Apr-10	4,132
3/21/2011	0	0	0	May-10	4,167
3/22/2011	0	0	0	Jun-10	4,132
3/23/2011	0	0	0	Jul-10	4,039
3/24/2011	0	0	0	Aug-10	5,287
3/25/2011	0	0	0	Sep-10	5,096
3/26/2011	0	0	0	Oct-10	3,708
3/27/2011	0	0	0	Nov-10	4,203
3/28/2011	0	0	0	Dec-10	3,726
3/29/2011	0	0	0	Jan-11	0
3/30/2011	0	0	0	Feb-11	5,033
3/31/2011	0	0	0		
March Total	2,133	2,208	4,340	47,863	monthly rolling

48,082 Yearly total

APPENDIX B

PO0036PC2 Condition #1

Natural Gas Consumption

Operating Hours and Production

	Kiln #3			Kiln #4			Total				
	Hours	% Rt	cubic yds	tons	Hours	% Rt	cubic yds	tons	Hours	Cu. Yrds	Tons
Mar-11	198	27%	3103	1675	198	27%	1703	1994	396	4806	3669
Apr-11	0	0%	0	0	0	0%	0	0	0	0	0
May-11	105	14%	1734	936	321	43%	6003	3242	426	7737	4178
Jun-11	229	31%	3720	2009	253	34%	4381	2366	482	8101	4375
Jul-11	0	0%	0	0	0	0%	0	2068	0	0	2068
Aug-11	250	34%	4369	2359	258	35%	4749	2565	508	9118	4924
Sep-11	225	30%	3733	2016	247	33%	4429	2391	472	8162	4407
Oct-11	0	0%	0	0	0	0%	0	0	0	0	0
Nov-11	239	32%	4149	2241	239	32%	4447	2401	478	8596	4642
Dec-11	341	46%	5814	3139	347	47%	6310	3408	688	12124	6547
Jan-12	223	30%	3895	3895	230	31%	4313	4313	453	8208	8208
Feb-12	500	67%	8670	4682	215	29%	3924	2119	715	12594	6801
Mar-12	245	33%	3952	2134	238	32%	4090	2208	483	8042	4342
Totals	2555		43139	25086	2546		44349	29075	5101	87488	54161
Avg	197	0.239	3318	1930	196	26%	3411	2237	392	6730	4166

Tons are based on a average dry unit weight of 45lb

Month/Year	Total MCF	MMCF/MTD	Total MMCF rolling 12 month
Mar-10	14024.2	14.0	14.0
Apr-10	13419.7	13.4	27.4
May-10	12649.7	12.6	40.1
Jun-10	13143.3	13.1	53.2
Jul-10	13151.8	13.2	66.4
Aug-10	16002.6	16.0	82.4
Sep-10	16208	16.2	98.6
Oct-10	13047.3	13.0	111.6
Nov-10	12767.1	12.8	124.4
Dec-10	10870.1	10.9	135.3
Jan-11	0	0.0	135.3
Feb-11	15433.5	15.4	150.7

Mar-11	10431.4	10.4	147.1
Apr-11	0	0.0	133.7
May-11	12093	12.1	133.1
Jun-11	13735.9	13.7	133.7
Jul-11	0	0.0	120.6
Aug-11	15159.6	15.2	119.7
Sep-11	13318.4	13.3	116.9
Oct-11	0	0.0	103.8
Nov-11	14123	14.1	105.2
Dec-11	20455.2	20.5	114.8
Jan-12	13530.4	13.5	128.3
Feb-12	22926.8	22.9	135.8
Mar-12	13396.7	13.4	138.7

Title V Part 70 Permit No.
Attachment

0036
P00036PC2
Natural Gas Usage
Calculated On A rolling 12 month Basis

149.2 mmcf

Nox Emissions On a rolling twelve Month period
 Calculated from natural gas consumption

	Total MMCF	TONS PER MONTH	TOTAL TONS FOR LAST 12 MONTHS
Mar-10	14.0	0.89	0.89
Apr-10	13.4	0.85	1.74
May-10	12.6	0.80	2.54
Jun-10	13.1	0.83	3.37
Jul-10	13.2	0.83	4.20
Aug-10	16.0	1.01	5.21
Sep-10	16.2	1.03	6.24
Oct-10	13.0	0.83	7.06
Nov-10	12.8	0.81	7.87
Dec-10	10.9	0.69	8.56
Jan-11	0.0	0.00	8.56
Feb-11	15.4	0.98	9.54
Mar-11	10.4	0.66	9.31
Apr-11	0.0	0.00	8.46
May-11	12.1	0.77	8.42
Jun-11	13.7	0.87	8.46
Jul-11	0.0	0.00	7.63
Aug-11	15.2	0.96	7.58
Sep-11	13.3	0.84	7.39
Oct-11	0.0	0.00	6.57
Nov-11	14.1	0.89	6.65
Dec-11	20.5	1.29	7.26
Jan-12	13.5	0.86	8.12
Feb-12	22.9	1.45	8.59
Mar-12	13.4	0.85	8.78

Co Emissions On a rolling twelve Month period

Calculated from natural gas consumption

	Total MMCF	TONS PER MONTH	TOTAL TONS FOR LAST 12 MONTHS
Mar-10	14.0	0.24542	0.24542
Apr-10	13.4	0.23484	0.48027
May-10	12.6	0.22137	0.70164
Jun-10	13.1	0.23001	0.93165
Jul-10	13.2	0.23016	1.16180
Aug-10	16.0	0.28005	1.44185
Sep-10	16.2	0.28364	1.72549
Oct-10	13.0	0.22833	1.95382
Nov-10	12.8	0.22342	2.17724
Dec-10	10.9	0.19023	2.36747
Jan-11	0.0	0.00000	2.36747
Feb-11	15.4	0.27009	2.63755
Mar-11	10.4	0.18255	2.57468
Apr-11	0.0	0.00000	2.33983
May-11	12.1	0.21163	2.33009
Jun-11	13.7	0.24038	2.34046
Jul-11	0.0	0.00000	2.11031
Aug-11	15.2	0.26529	2.09555
Sep-11	13.3	0.23307	2.04499
Oct-11	0.0	0.00000	1.81666
Nov-11	14.1	0.24715	1.84039
Dec-11	20.5	0.35797	2.00813
Jan-12	13.5	0.23678	2.24491
Feb-12	22.9	0.40122	2.37604
Mar-12	13.4	0.23444	2.42793

Sox Emissions On a rolling twelve Month period
Calculated from natural gas consumption

	Total MMCF	Total Tons MTD	Total Tons For Twelve Months
Mar-10	14.0	0.00421	0.00421
Apr-10	13.4	0.00403	0.00823
May-10	12.6	0.00379	0.01203
Jun-10	13.1	0.00394	0.01597
Jul-10	13.2	0.00395	0.01992
Aug-10	16.0	0.00480	0.02472
Sep-10	16.2	0.00486	0.02958
Oct-10	13.0	0.00391	0.03349
Nov-10	12.8	0.00383	0.03732
Dec-10	10.9	0.00326	0.04059
Jan-11	0.0	0.00000	0.04059
Feb-11	15.4	0.00463	0.04522
Mar-11	10.4	0.00313	0.04414
Apr-11	0.0	0.00000	0.04011
May-11	12.1	0.00363	0.03994
Jun-11	13.7	0.00412	0.04012
Jul-11	0.0	0.00000	0.03618
Aug-11	15.2	0.00455	0.03592
Sep-11	13.3	0.00400	0.03506
Oct-11	0.0	0.00000	0.03114
Nov-11	14.1	0.00424	0.03155
Dec-11	20.5	0.00614	0.03443
Jan-12	13.5	0.00406	0.03848
Feb-12	22.9	0.00688	0.04073
Mar-12	13.4	0.00402	0.04162

Roc Emissions On a rolling twelve Month period
Calculated from natural gas consumption

	Total MMCF	TONS PER MONTH	Total Tons For Last Twelve Months
Mar-10	14.0	0.01963	0.019634
Apr-10	13.4	0.01879	0.038421
May-10	12.6	0.01771	0.056131
Jun-10	13.1	0.01840	0.074532
Jul-10	13.2	0.01841	0.092944
Aug-10	16.0	0.02240	0.115348
Sep-10	16.2	0.02269	0.138039
Oct-10	13.0	0.01827	0.156305
Nov-10	12.8	0.01787	0.174179
Dec-10	10.9	0.01522	0.189397
Jan-11	0.0	0.00000	0.189397
Feb-11	15.4	0.02161	0.211004
Mar-11	10.4	0.01460	0.205974
Apr-11	0.0	0.00000	0.187187
May-11	12.1	0.01693	0.186407
Jun-11	13.7	0.01923	0.187237
Jul-11	0.0	0.00000	0.168824
Aug-11	15.2	0.02122	0.167644
Sep-11	13.3	0.01865	0.163599
Oct-11	0.0	0.00000	0.145333
Nov-11	14.1	0.01977	0.147231
Dec-11	20.5	0.02864	0.160650
Jan-12	13.5	0.01894	0.179593
Feb-12	22.9	0.03210	0.190083
Mar-12	13.4	0.01876	0.194235

MONTH /YR	Total Production Mo/Yr	12 month Rolling
Mar-10	4070	4070.0
Apr-10	4131	8201.0
May-10	4163	12364.0
Jun-10	4132	16496.0
Jul-10	4039	20535.0
Aug-10	4986	25521.0
Sep-10	5094	30615.0
Oct-10	4107	34722.0
Nov-10	4202	38924.0
Dec-10	3715	42639.0
Jan-11	0	42639.0
Feb-11	5033	47672.0
Mar-11	3669	34845.0
Apr-11	0	30806.0
May-11	4178	29998.0
Jun-11	4375	29279.0
Jul-11	2068	27240.0
Aug-11	4924	27962.0
Sep-11	4407	28654.0
Oct-11	0	28654.0
Nov-11	4642	28263.0
Dec-11	6547	34810.0
Jan-12	8208	43018.0
Feb-12	6801	49819.0
Mar-12	4342	54161.0

VENTURA COUNTY A.P.C.D.
 Monthly Production with 12 month Rolling

PERMIT #0036

MONTH /YR	TOTAL DIESEL Extruders gal/mo.	12 Months Rolling
Mar-10	2517	2517.0
Apr-10	2565	5082.0
May-10	2516	7598.0
Jun-10	2806	10404.0
Jul-10	2867	13271.0
Aug-10	3161	16432.0
Sep-10	3465	19897.0
Oct-10	2921	22818.0
Nov-10	2484	25302.0
Dec-10	2568	27870.0
Jan-11	0	27870.0
Feb-11	4038	31908.0
Twelve Rolling		
Mar-11	2313	31704.0
Apr-11	0	29139.0
May-11	3541	30164.0
Jun-11	3307	30665.0
Jul-11	0	27798.0
Aug-11	3329	27966.0
Sep-11	2607	27108.0
Oct-11	0	24187.0
Nov-11	2457	24160.0
Dec-11	4044	25636.0
Jan-12	3075	28711.0
Feb-12	5630	30303.0
Mar-12	3324	31314.0

VENTURA COUNTY A.P.C.D.
CONDITIONS 10&11

PERMIT #0036

SULPHUR DIOXIDE EMISSIONS FOR FUEL USE IN THE EXTRUDERS

Daily & Monthly Natural Gas Usage

March Production	Kiln #3 mcf	Kiln #4 mcf	Main Gas
3/1/2011	726	553	1279
3/2/2011	674	522	1196
3/3/2011	693	564	1257
3/4/2011	728	569	1297
3/5/2011	715	537	1252
3/6/2011	668	575	1243
3/7/2011	690	563	1253
3/8/2011	617.00	522	1139
3/9/2011	275	241	516
3/10/2011	0	0	0
3/11/2011	0	0	0
3/12/2011	0	0	0
3/13/2011	0	0	0
3/14/2011	0	0	0
3/15/2011	0	0	0
3/16/2011	0	0	0
3/17/2011	0	0	0
3/18/2011	0	0	0
3/19/2011	0	0	0
3/20/2011	0	0	0
3/21/2011	0	0	0
3/22/2011	0	0	0
3/23/2011	0	0	0
3/24/2011	0	0	0
3/25/2011	0	0	0
3/26/2011	0	0	0
3/27/2011	0	0	0
3/28/2011	0	0	0
3/29/2011	0	0	0
3/30/2011	0	0	0
3/31/2011	0	0	0
	5,786	4,646	10,432

	Kiln #3 mcf	Kiln #4 mcf	Main Gas
4/1/2011	0	0	0
4/2/2011	0	0	0
4/3/2011	0	0	0
4/4/2011	0	0	0
4/5/2011	0	0	0
4/6/2011	0	0	0
4/7/2011	0	0	0
4/8/2011	0	0	0
4/9/2011	0	0	0
4/10/2011	0	0	0
4/11/2011	0	0	0
4/12/2011	0	0	0
4/13/2011	0	0	0
4/14/2011	0	0	0
4/15/2011	0	0	0
4/16/2011	0	0	0
4/17/2011	0	0	0
4/18/2011	0	0	0
4/19/2011	0	0	0
4/20/2011	0	0	0
4/21/2011	0	0	0
4/22/2011	0	0	0
4/23/2011	0	0	0
4/24/2011	0	0	0
4/25/2011	0	0	0
4/26/2011	0	0	0
4/27/2011	0	0	0
4/28/2011	0	0	0
4/29/2011	0	0	0
4/30/2011	0	0	0

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	Kiln #3 mcf	Kiln #4 mcf	Main Gas
5/1/2011	0	0	0
5/2/2011	0	0	0
5/3/2011	0	0	0
5/4/2011	0	0	0
5/5/2011	0	0	0
5/6/2011	0	0	0
5/7/2011	0	0	0
5/8/2011	0	0	0
5/9/2011	0	331	331
5/10/2011	0	655	655
5/11/2011	0	614	614
5/12/2011	0	342	342
5/13/2011	0	655	655
5/14/2011	0	644	644
5/15/2011	0	653	653
5/16/2011	0	619	619
5/17/2011	0	615	615
5/18/2011	0	675	675
5/19/2011	592	605	1197
5/20/2011	735	586	1321
5/21/2011	724	622	1346
5/22/2011	714	636	1350
5/23/2011	539	539	1078
5/24/2011	0		
5/25/2011	0		
5/26/2011	0		
5/27/2011	0		
5/28/2011	0		
5/29/2011	0		
5/30/2011	0		
5/31/2011	0		
	3,304	8,791	12,095

	Kiln #3 mcf	Kiln #4 mcf	Main Gas
6/1/2011	0		
6/2/2011	0		
6/3/2011	0		
6/4/2011	0		
6/5/2011	0		
6/6/2011	0		
6/7/2011	0		
6/8/2011	0		
6/9/2011	0		
6/10/2011	0		
6/11/2011	0		
6/12/2011	0		
6/13/2011	468	428	896
6/14/2011	721	715	1436
6/15/2011	664	668	1332
6/16/2011	0	711	711
6/17/2011	705	649	1354
6/18/2011	713	633	1346
6/19/2011	670	612	1282
6/20/2011	686	624	1310
6/21/2011	667	625	1292
6/22/2011	666	618	1284
6/23/2011	657	623	1280
6/24/2011	141	71	212
6/25/2011	0	0	0
6/26/2011	0	0	0
6/27/2011	0	0	0
6/28/2011	0	0	0
6/29/2011	0	0	0
6/30/2011	0	0	0
	6,758	6,977	13,735

	Kiln #3 mcf	Kiln #4 mcf	Main Gas
7/1/2011	0	0	0
7/2/2011	0	0	0
7/3/2011	0	0	0
7/4/2011	0	0	0
7/5/2011	0	0	0
7/6/2011	0	0	0
7/7/2011	0	0	0
7/8/2011	0	0	0
7/9/2011	0	0	0
7/10/2011	0	0	0
7/11/2011	0	0	0
7/12/2011	0	0	0
7/13/2011	0	0	0
7/14/2011	0	0	0
7/15/2011	0	0	0
7/16/2011	0	0	0
7/17/2011	0	0	0
7/18/2011	0	0	0
7/19/2011	0	0	0
7/20/2011	0	0	0
7/21/2011	0	0	0
7/22/2011	0	0	0
7/23/2011	0	0	0
7/24/2011	0	0	0
7/25/2011	0	0	0
7/26/2011	0	0	0
7/27/2011	0	0	0
7/28/2011	0	0	0
7/29/2011	0	0	0
7/30/2011	0	0	0
7/31/2011	0	0	0
	-	-	-

	Kiln #3 mcf	Kiln #4 mcf	Main Gas
8/1/2011	0		
8/2/2011	0		
8/3/2011	0		
8/4/2011	0		
8/5/2011	0		
8/6/2011	0		
8/7/2011	0		
8/8/2011	0		
8/9/2011	0		
8/10/2011	0		
8/11/2011	0		
8/12/2011	0		
8/13/2011	0		
8/14/2011	0		
8/15/2011	0		
8/16/2011	0		
8/17/2011	0		
8/18/2011	0		
8/19/2011	0		
8/20/2011	246	208	454
8/21/2011	686	588	1274
8/22/2011	700	609	1309
8/23/2011	701	682	1383
8/24/2011	687	686	1373
8/25/2011	713	702	1415
8/26/2011	710	694	1404
8/27/2011	705	709	1414
8/28/2011	706	702	1408
8/29/2011	718	699	1417
8/30/2011	671	649	1320
8/31/2011	338	652	990
	7,581	7,580	15,161

	Kiln #3 mcf	Kiln #4 mcf	Main Gas
9/1/2011	119	643	762
9/2/2011	711	657	1368
9/3/2011	694	643	1337
9/4/2011	696	678	1374
9/5/2011	677	654	1331
9/6/2011	716	700	1416
9/7/2011	642	576	1218
9/8/2011	593	579	1172
9/9/2011	686	669	1355
9/10/2011	694	663	1357
9/11/2011	322	307	629
9/12/2011	0		
9/13/2011	0		
9/14/2011	0		
9/15/2011	0		
9/16/2011	0		
9/17/2011	0		
9/18/2011	0		
9/19/2011	0		
9/20/2011	0		
9/21/2011	0		
9/22/2011	0		
9/23/2011	0		
9/24/2011	0		
9/25/2011	0		
9/26/2011	0		
9/27/2011	0		
9/28/2011	0		
9/29/2011	0		
9/30/2011	0		
	6,550	6,769	13,319

	Kiln #3 mcf	Kiln #4 mcf	Main Gas
10/1/2011	0		
10/2/2011	0		
10/3/2011	0		
10/4/2011	0		
10/5/2011	0		
10/6/2011	0		
10/7/2011	0		
10/8/2011	0		
10/9/2011	0		
10/10/2011	0		
10/11/2011	0		
10/12/2011	0		
10/13/2011	0		
10/14/2011	0		
10/15/2011	0		
10/16/2011	0		
10/17/2011	0		
10/18/2011	0		
10/19/2011	0		
10/20/2011	0		
10/21/2011	0		
10/22/2011	0		
10/23/2011	0		
10/24/2011	0		
10/25/2011	0		
10/26/2011	0		
10/27/2011	0		
10/28/2011	0		
10/29/2011	0		
10/30/2011	0		
10/31/2011	0		
	-	-	-

	Kiln #3 mcf	Kiln #4 mcf	Main Gas
11/1/2011	94	77	171
11/2/2011	732	623	1355
11/3/2011	763	667	1430
11/4/2011	746	648	1394
11/5/2011	764	650	1414
11/6/2011	788	709	1497
11/7/2011	628	664	1292
11/8/2011	748	645	1393
11/9/2011	760	633	1393
11/10/2011	750	644	1394
11/11/2011	744	647	1391
11/12/2011	0		
11/13/2011	0		
11/14/2011	0		
11/15/2011	0		
11/16/2011	0		
11/17/2011	0		
11/18/2011	0		
11/19/2011	0		
11/20/2011	0		
11/21/2011	0		
11/22/2011	0		
11/23/2011	0		
11/24/2011	0		
11/25/2011	0		
11/26/2011	0		
11/27/2011	0		
11/28/2011	0		
11/29/2011	0		
11/30/2011	0		
	7,517	6,607	14,124

	Kiln #3 mcf	Kiln #4 mcf	Main Gas
12/1/2011	0		
12/2/2011	0		
12/3/2011	140	102	242
12/4/2011	633	596	1229
12/5/2011	724	594	1318
12/6/2011	644	527	1171
12/7/2011	713	571	1284
12/8/2011	745	607	1352
12/9/2011	748	612	1360
12/10/2011	727	591	1318
12/11/2011	742	597	1339
12/12/2011	747	595	1342
12/13/2011	763	630	1393
12/14/2011	638	545	1183
12/15/2011	462	335	797
12/16/2011	732	640	1372
12/17/2011	0		
12/18/2011	0		
12/19/2011	0		
12/20/2011	0		
12/21/2011	0		
12/22/2011	0		
12/23/2011	0		
12/24/2011	0		
12/25/2011	0		
12/26/2011	0		
12/27/2011	0		
12/28/2011	511	405	916
12/29/2011	732	640	1372
12/30/2011	777	662	1439
12/31/2011	756	645	1401
	11,934	9,894	21,828

	Kiln #3 mcf	Kiln #4 mcf	Main Gas
1/1/2012	774	642	1416
1/2/2012	773	652	1425
1/3/2012	793	667	1460
1/4/2012	760	647	1407
1/5/2012	779	658	1437
1/6/2012	766	655	1421
1/7/2012	774	656	1430
1/8/2012	688	649	1337
1/9/2012	767	656	1423
1/10/2012	383	393	776
1/11/2012	0		
1/12/2012	0		
1/13/2012	0		
1/14/2012	0		
1/15/2012	0		
1/16/2012	0		
1/17/2012	0		
1/18/2012	0		
1/19/2012	0		
1/20/2012	0		
1/21/2012	0		
1/22/2012	0		
1/23/2012	0		
1/24/2012	0		
1/25/2012	0		
1/26/2012	0		
1/27/2012	0		
1/28/2012	0		
1/29/2012	0		
1/30/2012	0		
1/31/2012	0		
	7,257	6,275	13,532

	Kiln #3 mcf	Kiln #4 mcf	Main Gas
2/1/2012	458	352	810
2/2/2012	793	439	1232
2/3/2012	750		750
2/4/2012	787		787
2/5/2012	771		771
2/6/2012	772		772
2/7/2012	781		781
2/8/2012	815		815
2/9/2012	767		767
2/10/2012	759		759
2/11/2012	745		745
2/12/2012	736		736
2/13/2012	702		702
2/14/2012	801	502	1303
2/15/2012	779	651	1430
2/16/2012	601	432	1033
2/17/2012	0		
2/18/2012	0		
2/19/2012	0		
2/20/2012	0		
2/21/2012	0		
2/22/2012	0		
2/23/2012	417	340	757
2/24/2012	761	667	1428
2/25/2012	779	662	1441
2/26/2012	760	664	1424
2/27/2012	780	656	1436
2/28/2012	568	404	972
2/29/2012	702	574	1276
February Total	16,584	6,343	22,927

March Production	Kiln #3 mcf	Kiln #4 mcf	Main Gas
3/1/2012	730	607	1337
3/2/2012	728	609	1337
3/3/2012	722	620	1342
3/4/2012	702	593	1295
3/5/2012	670	470	1140
3/6/2012	743	608	1351
3/7/2012	715	583	1298
3/8/2012	688	579	1267
3/9/2012	619	516	1135
3/10/2012	680	572	1252
3/11/2012	345	298	643
3/12/2012	0	0	0
3/13/2012	0	0	0
3/14/2012	0	0	0
3/15/2012	0	0	0
3/16/2012	0	0	0
3/17/2012	0	0	0
3/18/2012	0	0	0
3/19/2012	0	0	0
3/20/2012	0	0	0
3/21/2012	0	0	0
3/22/2012	0	0	0
3/23/2012	0	0	0
3/24/2012	0	0	0
3/25/2012	0	0	0
3/26/2012	0	0	0
3/27/2012	0	0	0
3/28/2012	0	0	0
3/29/2012	0	0	0
3/30/2012	0	0	0
3/31/2012	0	0	0
March total	7,342	6,055	13,397

APPENDIX C

PO0036PC5 Condition #5 and #5

Biodiesel Supply and Delivery Data



AGP

SERGEANT BLUFF, IOWA
METHYL ESTER PLANT

Certificate of Analysis

Load Order 890-25666
Shipping date 10/21/2011
Rail/ Truck # SHPX 201138
Lot number M41110-14
Product ID 99999
Product name B-99.9 - Methyl Ester - B

Customer
Tombstone Energy Solutions
#305, 1228 Kensington Rd NW
Calgary AB T2N 3P7

Registration# 4552
Facility# 81733

Customer PO:
Schedule PO:

<u>Property</u>	<u>Test Methods</u>	<u>Test Limits</u>	<u>Units</u>	<u>Results</u>
Total glycerin	ASTM D6584	0.240 max	% mass	0.055
Free glycerin	ASTM D6584	0.020 max	% mass	0.001
Monoglycerides	ASTM D6584	0.4 max	% mass	0.181
Diglycerides	ASTM D6584	report	% mass	0.042
Triglycerides	ASTM D6584	report	% mass	0.002
Acid Number	ASTM D974	0.50 max	mg KOH/g	0.2
Moisture	ASTM D6304	Report	% mass	0.0178
Methanol Content	EN 14110	0.2 max	% mass	0.046
Flash Point (closed cup)	ASTM D93	93 min	° C	>130*
Water / Sediment	ASTM D2709	0.05	% volume	n.d.
Sulfur	ASTM D5453	15 max	ppm	<1
Cloud Point	ASTM D2500	report	° C	-1.0
Cold Soak Filterability	ASTM D7501	360 max	seconds	93.2
Cold Filter Plugging Point	ASTM D6371	-2 to -4	° C	-4*
Total Contamination	EN 12662	24 max	mg/kg	< 10*
Oxidation Stability	EN 14112	3 min **	hours	3.45
Visual/Haze	ASTM D4176	2 max	scale	1
Specific Gravity	ASTM D4052	Report	(@ 60 F typical)	0.880
Kinematic Viscosity, 40°C	ASTM D445	1.9-6.0	mm ² /s	4.16*
Cetane Number	ASTM D613	47 min		48.4*
Sulfated Ash	ASTM D874	0.02 max	% mass	n.d.*
Carbon Residue	ASTM D4530	0.05 max	% mass	n.d.*
Phosphorus Content	ASTM D4951	0.001 max	% mass	n.d.*
Sodium / Potassium	EN 14538	5 max	ppm (µg/g)	n.d.*
Calcium / Magnesium	EN 14538	5 max	ppm (µg/g)	n.d.*
Distillation Temperature	ASTM D1160	360 max	° C	341*
Copper Strip Corrosion	ASTM D130	# 3 max		1a*
Nace Corrosion	TM -0172	B +		A*

This product is derived from plant based oils and meets ASTM D6751 specifications.

"n.d." indicates none detected.

* indicates analysis performed at an outside qualified lab.

** or per customer specifications

Country of Origin: USA

Prepared By:


Brenda Nicholson



SERGEANT BLUFF, IOWA
METHYL ESTER PLANT

Certificate of Analysis

Load Order 890-22904
Shipping date 4/23/2011
Rail/ Truck # SHPX 201260
Lot number MGT21104-20
Product ID 99999
Product name B-99.9

Customer
Tombstone Energy Solutions
#305, 1228 Kensington Rd NW
Calgary AB T2N 3P7

Registration# 4552
Facility# 81733

Customer PO:
Schedule PO:

Property	Test Methods	Test Limits	Units	Results
Total glycerin	ASTM D6584	0.240 max	% mass	0.061
Free glycerin	ASTM D6584	0.020 max	% mass	0.001
Monoglycerides	ASTM D6584	0.4 max	% mass	0.193
Diglycerides	ASTM D6584	report	% mass	0.059
Triglycerides	ASTM D6584	report	% mass	0.003
Acid Number	ASTM D974	0.50 max	mg KOH/g	0.17
Moisture	ASTM D6304	Report	% mass	0.0184
Methanol Content	ASTM E14110	0.2 max	% mass	0.032
Flash Point (closed cup)	ASTM D93	93 min	° C	>130*
Water / Sediment	ASTM D2709	0.05	% volume	n.d.
Sulfur	ASTM D5453	15 max	ppm	<1
Cloud Point	ASTM D2500	report	° C	-2.0
Cold Soak Filterability	ASTM D6217 annex	360 max	seconds	63.87
Cold Filter Plugging Point	ASTM D6371	-2 to -4	° C	-4*
Total Contamination	EN 12662	24 max	mg/kg	< 10*
Oxidation Stability	EN 14112	3 min **	hours	5.20
Visual/Haze	ASTM D4176	2 max	scale	1
Specific Gravity	ASTM D4052	Report	@ 60 F typical	0.880
Kinematic Viscosity, 40°C	ASTM D445	1.9-6.0	mm ² /s	4.16*
Cetane Number	ASTM D613	47 min		48.4*
Sulfated Ash	ASTM D874	0.02 max	% mass	n.d.*
Carbon Residue	ASTM D4530	0.05 max	% mass	n.d.*
Phosphorus Content	ASTM D4951	0.001 max	% mass	n.d.*
Sodium / Potassium	EN 14538	5 max	ppm (µg/g)	n.d.*
Calcium / Magnesium	EN 14538	5 max	ppm (µg/g)	n.d.*
Distillation Temperature	ASTM D1160	360 max	° C	341*
Copper Strip Corrosion	ASTM D130	# 3 max		1a*
Nace Corrosion	TM -0172	B +		B +*

This product is derived from plant based oils and meets ASTM D6751-11 specifications.

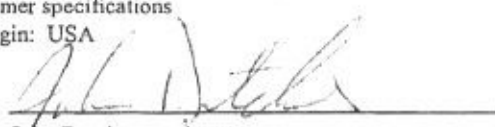
"n.d." indicates none detected.

* indicates analysis performed at an outside qualified lab.

** or per customer specifications

Country of Origin: USA

Prepared By:


John Detches



Certificate of Analysis

Vendor Details: Company Name: Ag Processing Inc
 Manufacturing Address: 900 Lower Lake St. Joseph, MO

Customer: GENERAL PETROLEUM 22353
 COMPTON CA
 Batch Num: 10321 Product: 99000

Customer P.O.#:
 Shipping Quantity (lbs): 180912
 Bill of Lading #: 890-021478-00-000
 Shipping Date: 11/17/2010
 Laboratory Number: 94060
 Destination: COMPTON,CA
 Rail Car / Truck #: TILX251064
 Security Seal Number: 656876-80
 Material Name: B100 - METHYL ESTER
 AGP Lot #: 7,132,110
 Net Wt. / Quantity (lbs.): 180912
 Mat. Manuf. Code Date: 11/17/2010
 AGP Load Order # : 890-021478-00-000
 Country of Origin: USA

Parameter	Units	Test Limits	TestMethod	TestResult
Total Glycerin	% percent	0.240 Max	ASTM D6584	0.055
Free Glycerin	% percent	0.020 Max	ASTM D6584	0.000
Monoglyceride	% percent	0.40 Max	ASTM D6584	0.176
Diglyceride	% percent	Report	ASTM D6584	0.062
Triglyceride	% percent	Report	ASTM D6584	0.000
Acid Number	mg KOH/	0.50 Max	ASTM D664	0.150
Moisture	% Mass	0.05 Max	ASTM D6304	0.015
Methanol	% Mass	0.20 Max	EN 14110	0.059
Water & Sediment	% volume	0.05 Max	ASTM D2709	0.005
Sulfur	ppm	15 Max	ASTM D5453	< 1.000
Cloud Point	C	Report	ASTM D2500	0.000
OSI	Hours	3 Min **	EN 14112	5.650
Visual/Haze	Scale	2 Max	ASTM D4176	1.000
Flash Point *	C	130 Min	ASTM D93	153.000
Cold Soak Filterability	seconds	360 Max **	Annex A1	69.000
Specific Gravity *		Report	ASTM D4052	0.884
Kinematic viscosity, 40C *	mm2/s	1.9 - 6.0	ASTM D445	4.002
Cetane Number *		47 Min	ASTM D613	49.100
Sulfated Ash *	% Mass	0.020 Max	ASTM D874	0.000
Carbon Residue *	% Mass	0.050 Max	ASTM D4530	0.026
Phosphorus *	% Mass	0.001 Max	ASTM D4951	N.D.
Sodium / Potassium *	ppm	5 Max	EN 14538	N.D.
Calcium / Magnesium *	ppm	5 Max	EN 14538	N.D.
Copper Strip Corrosion *		No. 3 Max	ASTM D130	N.D.
Distillation *	C	360 Max	ASTM D1160	1a
NACE Corrosion*		B+	TM-0172	355.000 A

* Based upon results from the most recent full specification testing performed at an outside qualified lab.
 This product is derived from plant-based oils and meets D6751-10 specifications. (n.d.) indicates not detected.
 ** indicates: Or Per Customer Request.

Rachel Manner



SERGEANT BLUFF, IOWA
METHYL ESTER PLANT

Certificate of Analysis

Load Order 890-24934
Shipping date 9/21/2011
Rail/ Truck # SHPX 201223
Lot number S201223-110921a
Product ID 99999
Product name B-99.9 - Methyl Ester - B

Customer
Tombstone Energy Solutions
#305, 1228 Kensington Rd NW
Calgary AB T2N 3P7

Registration# 4552
Facility# 81733

Customer PO:
Schedule PO:

Property	Test Methods	Test Limits	Units	Results
Total glycerin	ASTM D6584	0.240 max	% mass	0.124
Free glycerin	ASTM D6584	0.020 max	% mass	0.001
Monoglycerides	ASTM D6584	0.4 max	% mass	0.413
Diglycerides	ASTM D6584	report	% mass	0.078
Triglycerides	ASTM D6584	report	% mass	0.032
Acid Number	ASTM D974	0.50 max	mg KOH/g	0.17
Moisture	ASTM D6304	Report	% mass	0.0273
Methanol Content	EN 14110	0.2 max	% mass	0.049
Flash Point (closed cup)	ASTM D93	93 min	° C	>130*
Water / Sediment	ASTM D2709	0.05	% volume	n.d.
Sulfur	ASTM D5453	15 max	ppm	<1
Cloud Point	ASTM D2500	report	° C	-1.0
Cold Soak Filterability	ASTM D7501	360 max	seconds	99.8
Cold Filter Plugging Point	ASTM D6371	-2 to -4	° C	-4*
Total Contamination	EN 12662	24 max	mg/kg	< 10*
Oxidation Stability	EN 14112	3 min **	hours	4.55
Visual/Haze	ASTM D4176	2 max	scale	1
Specific Gravity	ASTM D4052	Report	@ 60 F typical	0.880
Kinematic Viscosity, 40°C	ASTM D445	1.9-6.0	mm ² /s	4.16*
Cetane Number	ASTM D613	47 min		48.4*
Sulfated Ash	ASTM D874	0.02 max	% mass	n.d.*
Carbon Residue	ASTM D4530	0.05 max	% mass	n.d.*
Phosphorus Content	ASTM D4951	0.001 max	% mass	n.d.*
Sodium / Potassium	EN 14538	5 max	ppm (µg/g)	n.d.*
Calcium / Magnesium	EN 14538	5 max	ppm (µg/g)	n.d.*
Distillation Temperature	ASTM D1160	360 max	° C	341*
Copper Strip Corrosion	ASTM D130	# 3 max		1a*
Nace Corrosion	TM -0172	B +		A*

This product is derived from plant based oils and meets ASTM D6751 specifications.

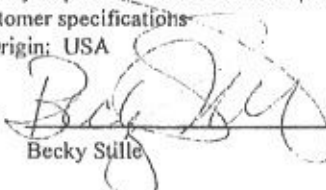
"n.d." indicates none detected.

* indicates analysis performed at an outside qualified lab.

** or per customer specifications

Country of Origin: USA

Prepared By:


Becky Sülle

APPENDIX D

PO0036PC6

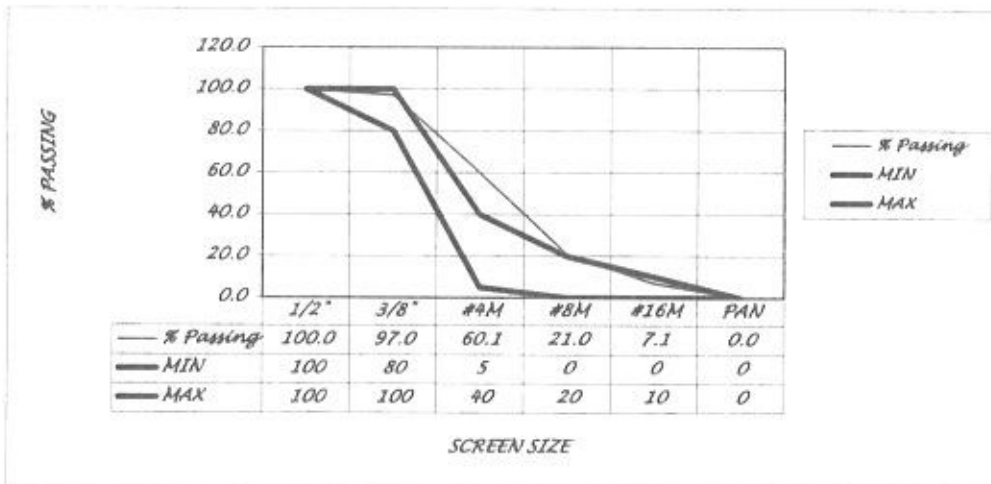
Finish Product Moisture Data

HIGH PERFORMANCE LIGHTWEIGHT 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		SIEVE % Retain
					MIN	MAX	
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

Unit Wt.	48.0	PCF	Dry Wt.	PCF
Wet Wt.	684	Wt.(Pan)	539.0	% MOIST
Gross WT.	1642	Tare wt	1392	SP Gravity (wet)
My Unit wt Name				26.9 1.58



Pacific Custom Materials
 17410 Lockwood Valley Road
 (Phone Number: 661/245-3736 FAX:661/245-3559)
 Frazier Park, CA. 93225

HIGH PERFORMANCE LIGHT WEIGHT AGGREGATES

TICKET # Stacker 3/8" HYDROLITE SIEVE ANALYSIS

PCM
FRAZIER

SAMPLE: 2/24/2012

Time 8AM

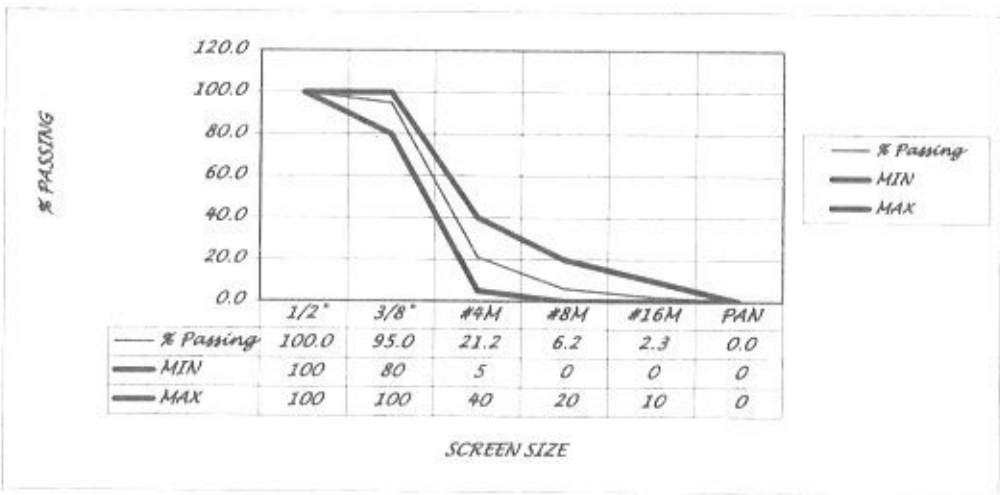
Company TXI

Plant Frazier Park

SIEVE SCREEN	CUM. WT.	C % R	SIEVE SCREEN	SIEVE % Passing	ASTM C-330 % PASSING		SIEVE % Retain
					MIN	MAX	
1/2"	0.0	0.0	1/2"	100.0	100	100	0.0
3/8"	26.0	5.0	3/8"	95.0	80	100	5.0
#4M	410.0	78.8	#4M	21.2	5	40	73.8
#8M	488.0	93.8	#8M	6.2	0	20	15.0
#16M	508.0	97.7	#16M	2.3	0	10	3.8
PAN	520.0	100.0	PAN	0.0	0	0	2.3

Unit Wt.	49.0	PCF	Dry Wt.	PCF	
Wet Wt.	644	Wt.(Pan)	520.0	% MOIST	23.8
Gross WT.	1633	Tare wt	1392	SP Gravity (wet)	1.60

My Unit wt Name



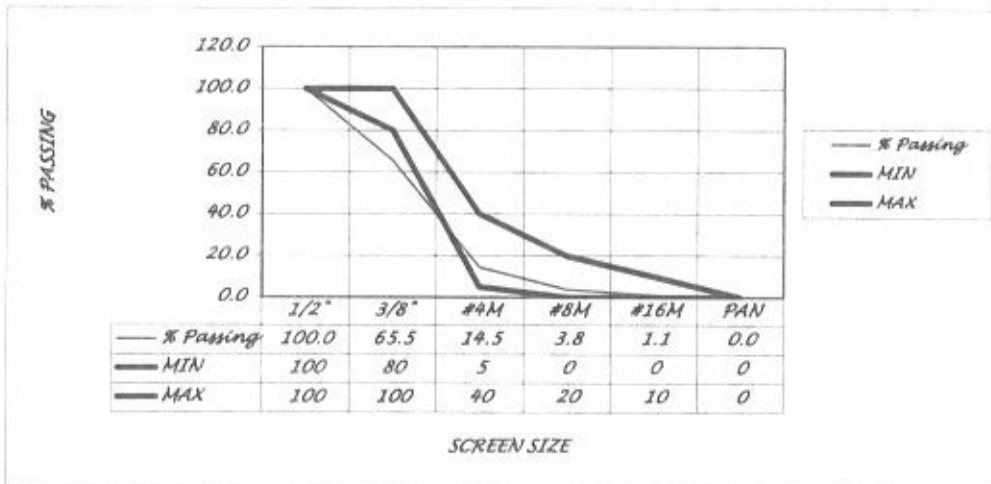
Pacific Custom Materials
17410 Lockwood Valley Road
(Phone Number: 661/245-3736 FAX:661/245-3559)
Frazier Park, CA. 93225

HIGH PERFORMANCE LIGHT WEIGHT AGGREGATES

TICKET# Stacker 3/8" HYDROLITE SIEVE ANALYSIS PCM
 SAMPLE: 1/5/2012 FRAZIER
 Time 12PM
 Company TXI
 Plant Frazier Park

SIEVE	CUM. WT.	C % R	SIEVE	SIEVE	ASTM C-330		SIEVE
					% PASSING	% Retain	
SCREEN			SCREEN	% Passing	MIN	MAX	
1/2"	0.0	0.0	1/2"	100.0	100	100	0.0
3/8"	190.0	34.5	3/8"	65.5	80	100	34.5
#4M	471.0	85.5	#4M	14.5	5	40	51.0
#8M	530.0	96.2	#8M	3.8	0	20	10.7
#16M	545.0	98.9	#16M	1.1	0	10	2.7
PAN	551.0	100.0	PAN	0.0	0	0	1.1

Unit Wt.	54.0	PCF	Dry Wt.	PCF	
Wet Wt.	673	Wt.(Pan)	551.0	% MOIST	22.1
Gross WT.	1661	Tare wt	1392	SP Gravity (wet)	1.67
My Unit wt Name					



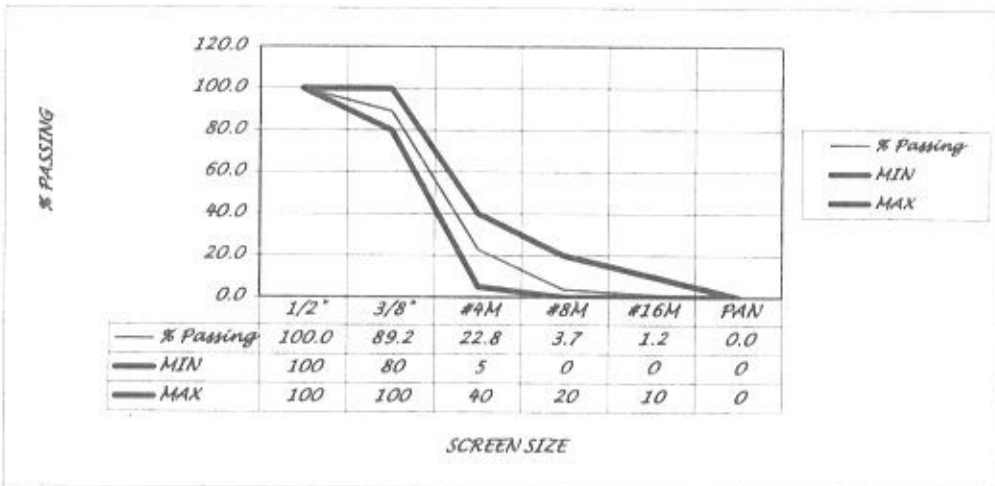
Pacific Custom Materials
 17410 Lockwood Valley Road
 (Phone Number: 661/245-3736 FAX:661/245-3559)
 Frazier Park, CA. 93225

HIGH PERFORMANCE LIGHT WEIGHT AGGREGATES

TICKET # *Stacker 3/8" HYDROLITE SIEVE ANALYSIS* PCM
 SAMPLE: *12/7/2011* FRAZIER
 Time *8AM*
 Company *TXI*
 Plant *Frazier Park*

SIEVE	CUM. WT.	C % R	SIEVE	SIEVE	ASTM C-330		SIEVE
					% Passing	% Retain	
SCREEN			SCREEN	% Passing	MIN	MAX	% Retain
1/2"	0.0	0.0	1/2"	100.0	100	100	0.0
3/8"	64.0	10.8	3/8"	89.2	80	100	10.8
#4M	458.0	77.2	#4M	22.8	5	40	66.4
#8M	571.0	96.3	#8M	3.7	0	20	19.1
#16M	586.0	98.8	#16M	1.2	0	10	2.5
PAN	593.0	100.0	PAN	0.0	0	0	1.2

Unit Wt.	54.5	PCF	Dry Wt.	PCF
Wet Wt.	708	Wt.(Pan)	593.0	% MOIST
Gross WT.	1706	Tare wt	1392	SP Gravity (wet)
My Unit wt				19.4
Name				1.80



Pacific Custom Materials
 17410 Lockwood Valley Road
 (Phone Number: 661/245-3736 FAX:661/245-3559)
 Frazier Park, CA. 93225

HIGH PERFORMANCE LIGHT WEIGHT AGGREGATES

TICKET # Stacker 3/8" HYDROLITE SIEVE ANALYSIS

PCM

SAMPLE: 11/3/2011

FRAZIER

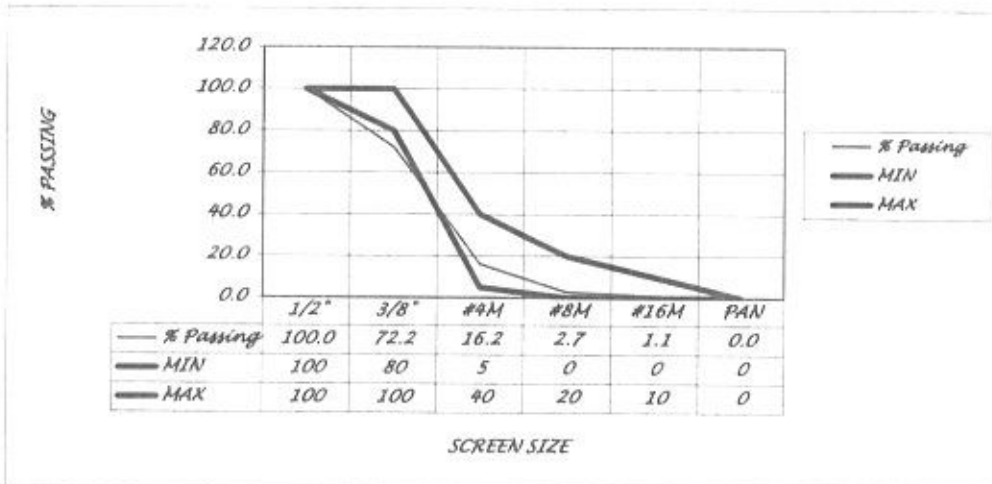
Time 2PM

Company TXI

Plant Frazier Park

SIEVE	CUM. WT.	C % R	SIEVE	SIEVE	ASTM C-330		SIEVE
					% Passing	% Retain	
SCREEN			SCREEN	% Passing	MIN	MAX	% Retain
1/2"	0.0	0.0	1/2"	100.0	100	100	0.0
3/8"	174.0	27.8	3/8"	72.2	80	100	27.8
#4M	524.0	83.8	#4M	16.2	5	40	56.0
#8M	608.0	97.3	#8M	2.7	0	20	13.4
#16M	618.0	98.9	#16M	1.1	0	10	1.6
PAN	625.0	100.0	PAN	0.0	0	0	1.1

Unit Wt.	57.0	PCF	Dry Wt.	PCF
Wet Wt.	739	Wt.(Pan)	625.0	% MOIST
Gross WT.	1722	Tare wt	1392	SP Gravity (wet)
My Unit wt				18.2
Name				1.81



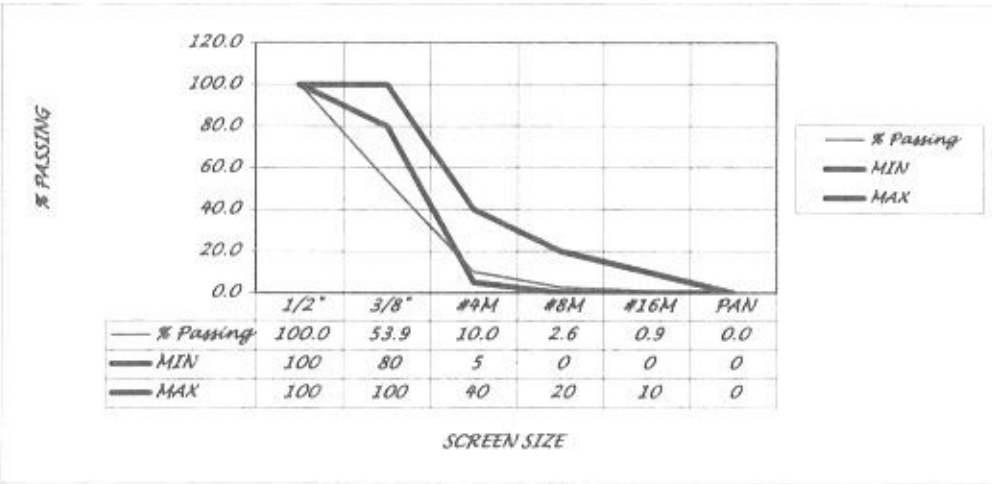
Pacific Custom Materials
 17410 Lockwood Valley Road
 (Phone Number: 661/245-3736 FAX:661/245-3559)
 Frazier Park, CA. 93225

HIGH PERFORMANCE LIGHT WEIGHT AGGREGATES

TICKET # *Stacker 3/8" HYDROLITE SIEVE ANALYSIS* PCM
 SAMPLE: *8/22/2011* FRAZIER
 Time *8AM*
 Company *TXI*
 Plant *Frazier Park*

SCREEN	CUM. WT.	C % R	SCREEN	SIEVE % Passing	ASTM C-330 % PASSING		SIEVE % Retain
					MIN	MAX	
1/2"	0.0	0.0	1/2"	100.0	100	100	0.0
3/8"	249.0	46.1	3/8"	53.9	80	100	46.1
#4M	486.0	90.0	#4M	10.0	5	40	43.9
#8M	526.0	97.4	#8M	2.6	0	20	7.4
#16M	535.0	99.1	#16M	0.9	0	10	1.7
PAN	540.0	100.0	PAN	0.0	0	0	0.9

Unit Wt.	50.0	PCF	Dry Wt.	PCF
Wet Wt.	653	Wt.(Pan)	540.0	% MOIST
Gross WT.	1632	Tare wt	1392	SP Gravity (wet)
My Unit wt Name				20.9
				1.58



Pacific Custom Materials
 17410 Lockwood Valley Road
 (Phone Number: 661/245-3736 FAX:661/245-3559)
 Frazier Park, CA. 93225

HIGH PERFORMANCE LIGHTWEIGHT AGGREGATES

TICKET # *Stacker* **3/8" HYDROLITE SIEVE ANALYSIS**

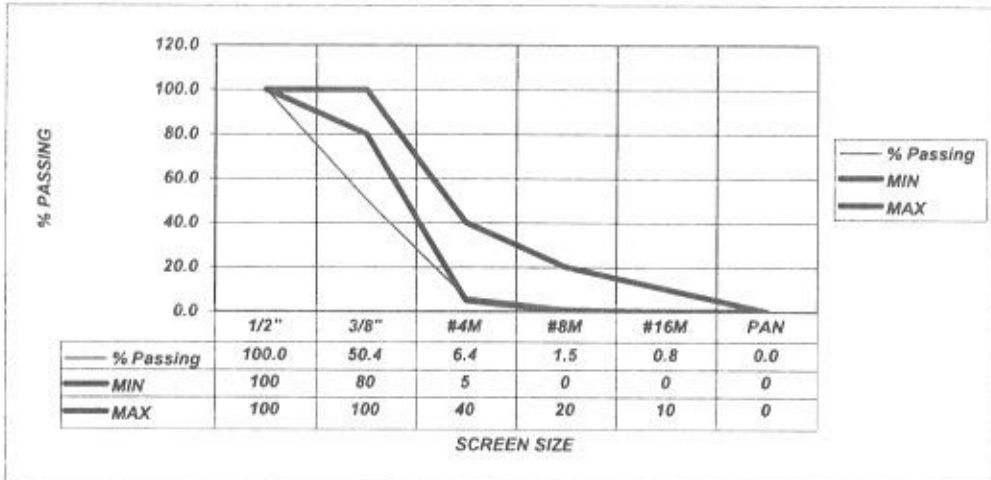
PCM
FRAZIER

SAMPLE: *6/14/2011*

Time *8am*
Company *TXI*
Plant *Frazier Park*

SCREEN	CUM. WT.	C % R	SIEVE SCREEN	SIEVE % Passing	ASTM C-330 % PASSING		SIEVE % Retain
					MIN	MAX	
1/2"	0.0	0.0	1/2"	100.0	100	100	0.0
3/8"	264.0	49.6	3/8"	50.4	80	100	49.6
#4M	498.0	93.6	#4M	6.4	5	40	44.0
#8M	524.0	98.5	#8M	1.5	0	20	4.9
#16M	528.0	99.2	#16M	0.8	0	10	0.8
PAN	532.0	100.0	PAN	0.0	0	0	0.8

Unit Wt.	52.0	PCF	Dry Wt.	PCF
Wet Wt.	643	Wt.(Pan)	532.0	% MOIST
Gross WT.	1633	Tare wt	1392	SP Gravity (wet)
My Unit wt Name				20.9
				1.60



Pacific Custom Materials
17410 Lockwood Valley Road
(Phone Number: 661/245-3736 FAX:661/245-3559)
Frazier Park, CA. 93225

HIGH PERFORMANCE LIGHTWEIGHT AGGREGATES

TICKET # *Stacker* **3/8" HYDROLITE SIEVE ANALYSIS**

PCM
FRAZIER

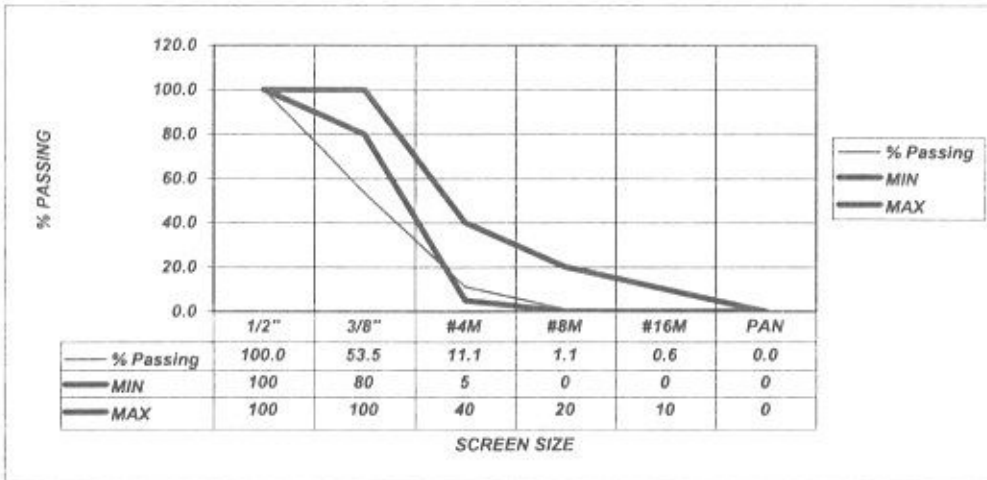
SAMPLE: *5/11/2011*

Time *2pm*
Company *TXI*
Plant *Frazier Park*

SCREEN	CUM. WT.	C % R	SIEVE SCREEN	SIEVE % Passing	ASTM C-330 % PASSING		SIEVE % Retain
					MIN	MAX	
1/2"	0.0	0.0	1/2"	100.0	100	100	0.0
3/8"	218.0	46.5	3/8"	53.5	80	100	46.5
#4M	417.0	88.9	#4M	11.1	5	40	42.4
#8M	464.0	98.9	#8M	1.1	0	20	10.0
#16M	466.0	99.4	#16M	0.6	0	10	0.4
PAN	469.0	100.0	PAN	0.0	0	0	0.6

Unit Wt.	50.5	PCF	Dry Wt.	PCF
Wet Wt.	575	Wt.(Pan)	469.0	% MOIST
Gross WT.	1608	Tare wt	1392	SP Gravity (wet)
				22.6
				1.60

My Unit wt
Name



Pacific Custom Materials
17410 Lockwood Valley Road
(Phone Number: 661/245-3736 FAX:661/245-3559)
Frazier Park, CA. 93225

HIGH PERFORMANCE LIGHTWEIGHT AGGREGATES

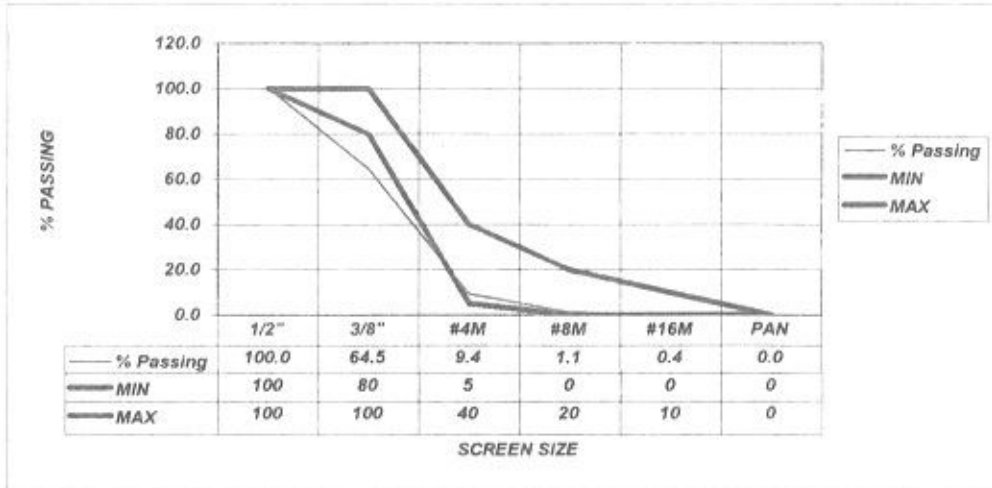
TICKET # *Stacker*
 SAMPLE: *3/7/2011*
 Time *8am*
 Company *TXI*
 Plant *Frazier Park*

3/8" HYDROLITE SIEVE ANALYSIS

PCM
 FRAZIER

SCREEN	CUM. WT.	C % R	SIEVE SCREEN	SIEVE % Passing	ASTM C-330 % PASSING		SIEVE % Retain
					MIN	MAX	
1/2"	0.0	0.0	1/2"	100.0	100	100	0.0
3/8"	196.0	35.5	3/8"	64.5	80	100	35.5
#4M	500.0	90.6	#4M	9.4	5	40	55.1
#8M	546.0	98.9	#8M	1.1	0	20	8.3
#16M	550.0	99.6	#16M	0.4	0	10	0.7
PAN	552.0	100.0	PAN	0.0	0	0	0.4

Unit Wt.	50.0	PCF	Dry Wt.	PCF	
Wet Wt.	682	Wt.(Pan)	552.0	% MOIST	23.6
Gross WT.	1644	Tare wt	1394	SP Gravity (wet)	1.58
My Unit wt Name					



Pacific Custom Materials
 17410 Lockwood Valley Road
 (Phone Number: 661/245-3736 FAX:661/245-3559)
 Frazier Park, CA. 93225

HIGH PERFORMANCE LIGHTWEIGHT AGGREGATES

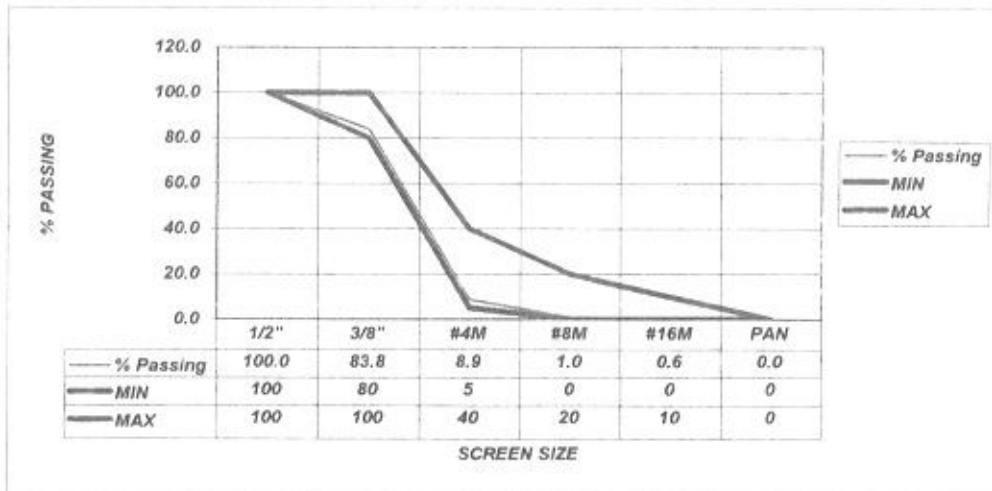
TICKET # *Stacker*
 SAMPLE: *2/22/2011*
 Time *8am*
 Company *TXI*
 Plant *Frazier Park*

3/8" HYDROLITE SIEVE ANALYSIS

PCM
 FRAZIER

SCREEN	CUM. WT.	C % R	SIEVE SCREEN	SIEVE % Passing	ASTM C-330 % PASSING		SIEVE % Retain
					MIN	MAX	
1/2"	0.0	0.0	1/2"	100.0	100	100	0.0
3/8"	84.0	16.2	3/8"	83.8	80	100	16.2
#4M	473.0	91.1	#4M	8.9	5	40	75.0
#8M	514.0	99.0	#8M	1.0	0	20	7.9
#16M	516.0	99.4	#16M	0.6	0	10	0.4
PAN	519.0	100.0	PAN	0.0	0	0	0.6

Unit Wt.	52.0	PCF	Dry Wt.	PCF
Wet Wt.	626	Wt.(Pan)	519.0	% MOIST
Gross WT.	1630	Tare wt	1392	SP Gravity (wet)
My Unit wt Name				20.6 1.61



Pacific Custom Materials
 17410 Lockwood Valley Road
 (Phone Number: 661/245-3736 FAX: 661/245-3559)
 Frazier Park, CA. 93225

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
03/04/11	3:15pm	#30	Bunker Incline Belt		X	SF
Not in use		#31	Long Belt			
Not in use		#54	Bucket Elevator Discharge			
Not in use		#55	Continuation Discharge Belt #2			
03/04/11	3:00pm	E14	Tower Screen		X	SF
03/04/11	3:00pm	#29	Radial Stacker		X	SF
03/04/11	3:00pm	#26	K-3 Blue Belt		X	SF
03/04/11	3:00pm	#25	K-4 Blue Belt		X	SF
03/07/11	11:00am	E1	Grizzly Housing		X	SF
03/07/11	11:00am	E2	Syntron #1		X	SF
03/07/11	8:35am	#15	Kiln Feed Tank Conveyor		X	SF
03/07/11	8:35am	#18	K-4 Discharge Conveyor		X	SF
03/07/11	8:35am	#19	K-3 Discharge Conveyor		X	SF
03/07/11	8:50am	#20	K-3 Feed Conveyor		X	SF
03/07/11	8:50am	#21	K-4 Feed Conveyor		X	SF
03/07/11	8:50am	#24	K-4 Incline Conveyor		X	SF
Not in use		E39	Bucket Elevator #4			
Not in use		E38	Bucket Elevator #3			
03/10/11	11:00am	N/A	Sand Loop Building		X	SF
Not in use		Finish End	9 Tank Silo			
03/10/11	11:00am	E30	Vertical Impact Crusher		X	SF
03/07/11	11:00am	Raw Material	Raw Material Processing Shed		X	SF
03/07/11	8:35am	Kiln Area	K-3 & K-4 Baghouse Stack		X	SF
03/07/11	8:35am	Kiln Area	Kiln Feed Tanks		X	SF
03/10/11	11:20am	#33	O'Brian Discharge		X	SF
03/10/11	11:15am	#49	#9 Tank Discharge		X	SF
03/10/11	11:15am	#48	Crusher Oversize Return		X	SF
03/10/11	11:20am	#40	Yogi Discharge 5/16		X	SF
03/07/11	10:00am	E3	Syntron #2		X	SF
03/03/11	11:15am	#47	Symons Feed Belt		X	SF
Not in use		#46	Crusher Bypass			
03/10/11	11:15am	#45	Crusher Discharge		X	SF
03/10/11	11:25am	#42	5/16 Crossover Belt		X	SF
03/10/11	11:25am	#41	Yogi Discharge 1/4		X	SF
03/10/11	11:25am	#36	Overstrom Discharge		X	SF
03/07/11	8:35am	Raw Plant	Kiln Dust Baghouse		X	SF
03/10/11	11:45am	Kiln Deck	Lime System Baghouse		X	SF
03/10/11	11:45am	Finish End	Finish End Baghouse		X	SF
03/10/11	11:15am	E3	Syntron #3		X	SF
Not in use		E37	K-4 Screw Conveyor			
Not in use		E36	K-3 Scw Conveyor			
03/07/11	1:00pm	E18	K-4 Vibrating Conveyor		X	SF
03/07/11	1:00pm	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

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
06/06/11	8:45am	#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			
06/06/11	9:15am	E14	Tower Screen		X	SF
06/06/11	9:15am	#29	Radial Stacker		X	SF
06/06/11	9:15am	#26	K-3 Blue Belt		X	SF
06/06/11	9:15am	#25	K-4 Blue Belt		X	SF
06/06/11	9:40am	E1	Grizzly Housing		X	SF
06/06/11	9:40am	E2	Syntron #1		X	SF
06/06/11	1:35pm	#15	Kiln Feed Tank Conveyor		X	SF
06/06/11	1:35pm	#18	K-4 Discharge Conveyor		X	SF
06/06/11	1:35pm	#19	K-3 Discharge Conveyor		X	SF
06/06/11	1:45pm	#20	K-3 Feed Conveyor		X	SF
06/06/11	1:45pm	#21	K-4 Feed Conveyor		X	SF
06/06/11	1:45pm	#24	K-4 Incline Conveyor		X	SF
Not in use		E39	Bucket Elevator #4			
Not in use		E38	Bucket Elevator #3			
06/06/11	8:45am	N/A	Sand Loop Building		X	SF
Not in use		Finish End	9 Tank Silo			
06/06/11	8:45am	E30	Vertical Impact Crusher		X	SF
06/06/11	9:40am	Raw Material	Raw Material Processing Shed		X	SF
06/06/11	1:35pm	Kiln Area	K-3 & K-4 Baghouse Stack		X	SF
06/06/11	1:35pm	Kiln Area	Kiln Feed Tanks		X	SF
06/06/11	8:55am	#33	O'Brian Discharge		X	SF
06/06/11	8:55am	#49	#9 Tank Discharge		X	SF
06/06/11	8:55am	#48	Crusher Oversize Return		X	SF
06/06/11	9:00am	#40	Yogi Discharge 5/16		X	SF
06/06/11	9:40am	E3	Syntron #2		X	SF
06/06/11	8:45am	#47	Symons Feed Belt		X	SF
Not in use		#46	Crusher Bypass			
06/06/11	8:45am	#45	Crusher Discharge		X	SF
06/06/11	8:55am	#42	5/16 Crossover Belt		X	SF
06/06/11	8:55am	#41	Yogi Discharge 1/4		X	SF
06/06/11	8:55am	#36	Overstrom Discharge		X	SF
06/06/11	1:35pm	Raw Plant	Kiln Dust Baghouse		X	SF
06/06/11	11:45am	Kiln Deck	Lime System Baghouse		X	SF
06/06/11	11:45am	Finish End	Finish End Baghouse		X	SF
06/06/11	11:15am	E3	Syntron #3		X	SF
Not in use		E37	K-4 Screw Conveyor			
Not in use		E36	K-3 Scw Conveyor			
06/06/11	9:20am	E18	K-4 Vibrating Conveyor		X	SF
06/06/11	9:20am	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
09/01/11	1:05pm	#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			
09/06/11	9:15am	E14	Tower Screen		X	SF
09/06/11	9:15am	#29	Radial Stacker		X	SF
09/06/11	9:15am	#26	K-3 Blue Belt		X	SF
09/06/11	9:15am	#25	K-4 Blue Belt		X	SF
06/06/11	9:40am	E1	Grizzly Housing		X	SF
06/06/11	9:40am	E2	Syntron #1		X	SF
09/06/11	12:50pm	#15	Kiln Feed Tank Conveyor		X	SF
09/06/11	12:50pm	#18	K-4 Discharge Conveyor		X	SF
09/06/11	12:50pm	#19	K-3 Discharge Conveyor		X	SF
09/06/11	1:00pm	#20	K-3 Feed Conveyor		X	SF
09/06/11	1:00pm	#21	K-4 Feed Conveyor		X	SF
09/06/11	1:00pm	#24	K-4 Incline Conveyor		X	SF
Not in use		E39	Bucket Elevator #4			
Not in use		E38	Bucket Elevator #3			
09/01/11	1:05pm	N/A	Sand Loop Building		X	SF
Not in use		Finish End	9 Tank Silo			
09/01/11	1:05pm	E30	Vertical Impact Crusher		X	SF
06/06/11	9:40am	Raw Material	Raw Material Processing Shed		X	SF
09/06/11	1:10pm	Kiln Area	K-3 & K-4 Baghouse Stack		X	SF
09/06/11	1:10pm	Kiln Area	Kiln Feed Tanks		X	SF
09/01/11	1:10pm	#33	O'Brian Discharge		X	SF
09/01/11	1:05pm	#49	#9 Tank Discharge		X	SF
09/01/11	8:55am	#48	Crusher Oversize Return		X	SF
09/01/11	9:00am	#40	Yogi Discharge 5/16		X	SF
06/06/11	9:40am	E3	Syntron #2		X	SF
09/01/11	1:05pm	#47	Symons Feed Belt		X	SF
Not in use		#46	Crusher Bypass			
09/01/11	1:05pm	#45	Crusher Discharge		X	SF
09/01/11	1:15pm	#42	5/16 Crossover Belt		X	SF
09/01/11	1:15pm	#41	Yogi Discharge 1/4		X	SF
09/01/11	1:10pm	#36	Overstrom Discharge		X	SF
09/06/11	1:10pm	Raw Plant	Kiln Dust Baghouse		X	SF
09/06/11	3:00pm	Kiln Deck	Lime System Baghouse		X	SF
09/01/11	1:30pm	Finish End	Finish End Baghouse		X	SF
09/01/11	1:05pm	E3	Syntron #3		X	SF
Not in use		E37	K-4 Screw Conveyor			
Not in use		E36	K-3 Scew Conveyor			
09/06/11	9:15am	E18	K-4 Vibrating Conveyor		X	SF
09/06/11	9:15am	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
12/08/11	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			
12/12/11	1:00pm	E14	Tower Screen		X	SF
12/12/11	1:00pm	#29	Radial Stacker		X	SF
12/12/11	1:00pm	#26	K-3 Blue Belt		X	SF
12/12/11	1:00pm	#25	K-4 Blue Belt		X	SF
12/12/11	1:30pm	E1	Grizzly Housing		X	SF
12/12/11	1:30pm	E2	Syntron #1		X	SF
12/12/11	2:15pm	#15	Kiln Feed Tank Conveyor		X	SF
12/12/11	2:15pm	#18	K-4 Discharge Conveyor		X	SF
12/12/11	2:15pm	#19	K-3 Discharge Conveyor		X	SF
12/12/11	2:00pm	#20	K-3 Feed Conveyor		X	SF
12/12/11	2:00pm	#21	K-4 Feed Conveyor		X	SF
12/12/11	2:00pm	#24	K-4 Incline Conveyor		X	SF
Not in use		E39	Bucket Elevator #4			
Not in use		E38	Bucket Elevator #3			
12/08/11	11:30am	N/A	Sand Loop Building		X	SF
Not in use		Finish End	9 Tank Silo			
12/08/11	11:30am	E30	Vertical Impact Crusher		X	SF
12/12/11	1:30pm	Raw Material	Raw Material Processing Shed		X	SF
12/12/11	2:20pm	Kiln Area	K-3 & K-4 Baghouse Stack		X	SF
12/12/11	2:20pm	Kiln Area	Kiln Feed Tanks		X	SF
12/08/11	11:40am	#33	O'Brian Discharge		X	SF
12/08/11	11:30am	#49	#9 Tank Discharge		X	SF
12/08/11	11:45am	#48	Crusher Oversize Return		X	SF
12/08/11	11:50am	#40	Yogi Discharge 5/16		X	SF
12/12/11	1:30pm	E3	Syntron #2		X	SF
12/08/11	11:30am	#47	Symons Feed Belt		X	SF
Not in use		#46	Crusher Bypass			
12/08/11	11:30am	#45	Crusher Discharge		X	SF
12/08/11	11:50am	#42	5/16 Crossover Belt		X	SF
12/08/11	11:50am	#41	Yogi Discharge 1/4		X	SF
12/08/11	11:50am	#36	Overstrom Discharge		X	SF
12/12/11	2:20pm	Raw Plant	Kiln Dust Baghouse		X	SF
12/08/11	11:55am	Kiln Deck	Lime System Baghouse		X	SF
12/08/11	11:55am	Finish End	Finish End Baghouse		X	SF
12/08/11	11:35am	E3	Syntron #3		X	SF
Not in use		E37	K-4 Screw Conveyor			
Not in use		E36	K-3 Scew Conveyor			
12/12/11	1:00pm	E18	K-4 Vibrating Conveyor		X	SF
12/12/11	1:00pm	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 Iron Materials-Frazier Park Facility
Water Spray(s) and Operational Inspection Report
(Per Title 5 - To Ensure Compliance with Rule 60 and 40 CFR Part 60, Subpart 600.)

To Be Completed Every Two Weeks, Date: 3/28/12

Perform By: Daniel Donker AM PM 2:00pm
(Print your Name) (Time)

KILN Cooler(s)

Water sprays equipment: ..

Inspect for proper operations:

K3 Yes No K4 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 Donker
Revised: 09/05/03 FHS

Pacific Cus n. Materials Frazier Park Facility
Water Spray(s) and Operational Inspection Report
(Per Title 5 - To Ensure Compliance with Rule 60 and 40 CFR Part 60, Subpart 600.)

To Be Completed Every Two Weeks, Date: 3/14/12

Perform By: Daniel Dunker AM PM 9:45
(Print your Name) (Time)

Kiln Cooler(s)
Water sprays equipment:

Inspect for proper operations; K3 Yes No K4 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...
removed. 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 Cus n. Materials-Frazier Park Facility
Water Spray(s) and Operational Inspection Report
(Per Title 5 -To Ensure Compliance with Rule 60 and 40 CFR Part 60, Subpart 600.)

To Be Completed Every Two Weeks, Date: 2/29/12

Perform By: Daniel Dunker AM PM 9:30
(Print your Name) (Time)

KILN Cooler(s)
Water sprays equipment: ..

Inspect for proper operations: K3 Yes No K4 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 Iron Materials Frazier Park Facility
Water Spray(s) and Operational Inspection Report
(Per Title 5 To Ensure Compliance with Rule 60 and 40 CFR Part 60, Subpart 600.)

To Be Completed Every Two Weeks, Date: 2/15/12

Perform By: Daniel Dunker AM PM 10:30
(Print your Name) (Time)

Kil N Cooler(s)
Water sprays equipment: ..

Inspect for proper operations: K3 K4
 Yes No Yes No

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

(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

Pacific Gas & Electric Company
Frazler Park Utility
Water Spray(s) and Operational Inspection Report
(Per Title 5 - To Ensure Compliance with Rule 60 and 40 CFR Part 60, Subpart 600.)

To Be Completed Every Two Weeks, Date: 2/1/12

Perform By: Daniel Dunker AM PM 8:45 a.m.
(Print your Name) (Time)

KILN Cooler(s)
Water sprays equipment: ..

Inspect for proper operations: 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 FHS

Pacific Coast Minerals-Frazier Park Facility
Water Spray(s) and Operational Inspection Report
(Per Title 5 - To Ensure Compliance with Rule 60 and 40 CFR Part 60, Subpart 600.)

To Be Completed Every Two Weeks, Date: 1/18/2012

Perform By: Daniel Dunker AM PM 2:20
(Print your Name) (Time)

Kiln Cooler(s)
Water sprays equipment: ..

Inspect for proper operations: K3 Yes No K4 Yes No

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

(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 FHS

Pacific Coast Minerals-Frazier Park Facility
Water Spray(s) and Operational Inspection Report
(Per Title 5 - To Ensure Compliance with Rule 50 and 40 CFR Part 60, Subpart 600.)

To Be Completed Every Two Weeks, Date: 1/4/12

Perform By: Daniel Dunker
(Print your Name)

AM PM 8:15 a.m.
(Time)

Kiln Cooler(s)

Water sprays equipment:

Inspect for proper operations:

K3 Yes No K4 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 FHS

Pacific Coast Iron Materials Frazier Park Facility
Water Spray(s) and Operational Inspection Report
(Per Title 5 - To Ensure Compliance with Rule 50 and 40 CFR Part 60, Subpart 600.)

To Be Completed Every Two Weeks, Date: 12/21/11

Perform By: Daniel Duncker AM PM 9:20am
(Print your Name) (Time)

KILN Cooler(s)
Water sprays equipment:

Inspect for proper operations: K3 Yes No K4 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 Duncker
Revised: 09/05/03 FHS

Pacific Coast Iron Materials Frazier Park Facility
Water Spray(s) and Operational Inspection Report
(Per Title 5 - To Ensure Compliance with Rule 60 and 40 CFR Part 60, Subpart 600.)

To Be Completed Every Two Weeks, Date: 2/7/11

Perform By: Daniel Dorker AM PM 10:30
(Print your Name) (time)

KILN Cooler(s)
Water sprays equipment: ...

Inspect for proper operations: K3 Yes No K4 Yes No

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

(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 Dorker

Revised: 09/05/03 FHS

Pacific Coast Iron Materials-Frazier Park Facility
Water Spray(s) and Operational Inspection Report
(Per Title 5 -To Ensure Compliance with Rule 50 and 40 CFR Part 60, Subpart 600.)

To Be Completed Every Two Weeks, Date: 7/25/11

Perform By: Daniel Dunker AM PM 9am
(Print your Name) (Time)

Kil N Cooler(s)
Water sprays equipment:

Inspect for proper operations: K3 Yes No K4 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 FHS

Pacific Coast Iron Materials-Frazier Park Facility
Water Spray(s) and Operational Inspection Report
(Per Title 5 -To Ensure Compliance with Rule 50 and 40 CFR Part 60, Subpart 600.)

To Be Completed Every Two Weeks, Date: 11/9/11

Perform By: Dandel Dunker AM PM 10:30
(Print your Name) (Time)

KILN Cooler(s)
Water sprays equipment: ..

Inspect for proper operations: K3 Yes No K4 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: Dandel Dunker

Revised: 09/05/03 FHS

Pacific Cus n Materials-Frazier Park Facility
Water Spray(s) and Operational Inspection Report
(Per Title 5 -To Ensure Compliance with Rule 50 and 40 CFR Part 60, Subpart 000.)

To Be Completed Every Two Weeks, Date: 10/26/11

Perform By: Daniel Dunker AM PM 8am
(Print your Name) (Time)

KILN Cooler(s)

Water sprays equipment:

Inspect for proper operations;

K3 Yes No K4 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 Cus n. Materials-Frazier Park Facility
Water Spray(s) and Operational Inspection Report
(Per Title 5 -To Ensure Compliance with Rule 50 and 40 CFR Part 60, Subpart 000.)

To Be Completed Every Two Weeks, Date: 10/12/11

Perform By: Daniel Dunker AM PM 11:33
(Print your Name) (Time)

KILN Cooler(s)
Water sprays equipment:

Inspect for proper operations: K3 Yes No K4 Yes No

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

(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...
removed Out of service, equipment has been

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

Pacific Cusion Materials-Frazier Park Facility
Water Spray(s) and Operational Inspection Report
(Per Title 5 -To Ensure Compliance with Rule 50 and 40 CFR Part 60, Subpart 000.)

To Be Completed Every Two Weeks, Date: 9/28/11

Perform By: Daniel Dunkey AM PM 10:00am
(Print your Name) (Time)

KILN Cooler(s)
Water sprays equipment: ..

Inspect for proper operations: K3 Yes No K4 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 Dunkey
Revised: 09/05/03 FHS

Pacific Custom Materials-Frazier Park Facility
Water Spray(s) and Operational Inspection Report
(Per Title 5 -To Ensure Compliance with Rule 50 and 40 CFR Part 60, Subpart 000.)

To Be Completed Every Two Weeks, Date: 9/14/11

Perform By: Daniel Duncker 3:00 pm
(Print your Name) (Time)

KILN Cooler(s)
Water sprays equipment:

Inspect for proper operations;

K3 Yes No K4 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)

Out of order, equipment has been removed.

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

Maint. Technician

signature/Date: _____

This completed document to be return to Steve Fernandes for filing (Environmental file).

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

Signature: Daniel Duncker

Revised: 09/05/03 FHS

Pacific Custom Materials-Frazier Park Facility
Water Spray(s) and Operational Inspection Report
(Per Title 5 -To Ensure Compliance with Rule 50 and 40 CFR Part 60, Subpart 000.)

To Be Completed Every Two Weeks, Date: 8/31/11
Perform By: Daniel Dunker 2:30
(Print your Name) (Time)

KILN Cooler(s)
Water sprays equipment:

Inspect for proper operations;

K3 Yes No K4 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)

Out of order, equipment has been removed

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

Maint. Technician

signature/Date: _____

This completed document to be return to Steve Fernandes for filing (Environmental file).

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

Signature: _____

Revised: 09/06/03 FHS

Pacific Custom Materials-Frazier Park Facility
Water Spray(s) and Operational Inspection Report
(Per Title 5 -To Ensure Compliance with Rule 50 and 40 CFR Part 60, Subpart 000.)

To Be Completed Every Two Weeks, Date: 8/17/11

Perform By: Daniel Dunker 9:03 am
(Print your Name) (Time)

KILN Cooler(s)
Water sprays equipment:

Inspect for proper operations;

K3 Yes No K4 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)

Out of Service, equipment has been removed

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

Maint. Technician

signature/Date: _____

This completed document to be return to Steve Fernandes for filing (Environmental file).

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

Signature: [Signature]

Revised: 09/06/03 FHS

Pacific Custom Materials-Frazier Park Facility
Water Spray(s) and Operational Inspection Report
(Per Title 5 -To Ensure Compliance with Rule 50 and 40 CFR Part 60, Subpart 000.)

To Be Completed Every Two Weeks, Date: 8/3/11

Perform By: Daniel Dunker (Print your Name) 9:00am (Time)

KILN Cooler(s)
Water sprays equipment:

Inspect for proper operations;

K3 Yes No K4 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)

Out of service, equipment has been removed

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

signature/Date: _____
Maint. Technician

This completed document to be return to Steve Fernandes for filing (Environmental file).

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-Frazier Park Facility
Water Spray(s) and Operational Inspection Report
(Per Title 5 -To Ensure Compliance with Rule 50 and 40 CFR Part 60, Subpart 000.)

To Be Completed Every Two Weeks, Date: 7/20/11

Perform By: Daniel Dunker 8:00am
(Print your Name) (Time)

KILN Cooler(s)
Water sprays equipment:

Inspect for proper operations; 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 Operating Malfunction
Operations and any malfunctions; Yes No Yes No

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

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

Maint. Technician
signature/Date: _____

This completed document to be return to Steve Fernandes for filing (Environmental file).

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-Frazier Park Facility
Water Spray(s) and Operational Inspection Report
(Per Title 5 -To Ensure Compliance with Rule 50 and 40 CFR Part 60, Subpart 000.)

To Be Completed Every Two Weeks, Date: 7/6/11

Perform By: Daniel Duncker (Print your Name) 9:15 am (Time)

KILN Cooler(s)
Water sprays equipment:

Inspect for proper operations;

K3 Yes No K4 Yes No

Note: If No, give explanation and action taken;

Out of service equipment 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)

Out of Service, equipment has been removed.

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

Maint. Technician

signature/Date: _____

This completed document to be return to Steve Femandes for filing (Environmental file).

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

Pacific Custom Materials-Frazier Park Facility
Water Spray(s) and Operational Inspection Report
(Per Title 5 -To Ensure Compliance with Rule 50 and 40 CFR Part 60, Subpart 000.)

To Be Completed Every Two Weeks, Date: 6/22/11

Perform By: *Daniel Dunker*
(Print your Name) 9:30 am
(Time)

KILN Cooler(s)
Water sprays equipment:

Inspect for proper operations;

K3 Yes No K4 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)

Out of Service, equipment has been removed.

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

Maint. Technician

signature/Date: _____

This completed document to be return to Steve Fernandes for filing (Environmental file).

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-Frazier Park Facility
Water Spray(s) and Operational Inspection Report
(Per Title 5 -To Ensure Compliance with Rule 50 and 40 CFR Part 60, Subpart 000.)

To Be Completed Every Two Weeks, Date: 6/8/11

Perform By: Daniel Dunker
(Print your name)
Daniel Dunker
(Time) 10:00am

KILN Cooler(s)
Water sprays equipment:

Inspect for proper operations;

K3 Yes No
K4 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)

Out of Service equipment has been removed

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

Maint. Technician

signature/Date: _____

This completed document to be return to Steve Fernandes for filing (Environmental file).

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

Signature: Daniel Dunker
Revised: 09/06/03 FHS

Pacific Custon Materials-Frazier Park Facility
Water Spray(s) and Operational Inspection Report
(Per Title 5 -To Ensure Compliance with Rule 50 and 40 CFR Part 60, Subpart 000.)

To Be Completed Every Two Weeks, Date: 5/25/11

Perform By: Daniel Dwyer AM PM 9:30
(Print your Name) (Time)

KILN Cooler(s)

Water sprays equipment:

Inspect for proper operations;

K3 Yes No K4 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 FHS

Pacific Custom Materials-Frazier Park Facility
Water Spray(s) and Operational Inspection Report
(Per Title 5 -To Ensure Compliance with Rule 50 and 40 CFR Part 60, Subpart 000.)

To Be Completed Every Two Weeks, Date: 5/11/11

Perform By: Daniel Dycker 9:00 am
(Print your Name) (Time)

KILN Cooler(s)
Water sprays equipment:

Inspect for proper operations; K3 Yes No K4 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)
Out of service, equipment has been removed.

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

Maint. Technician
signature/Date: _____

This completed document to be return to Steve Fernandes for filing (Environmental file).

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

Pacific Custom Materials-Frazier Park Facility
Water Spray(s) and Operational Inspection Report
(Per Title 5 -To Ensure Compliance with Rule 50 and 40 CFR Part 60, Subpart 000.)

To Be Completed Every Two Weeks, Date: 4/27/11

Perform By: Daniel Dunker 8:20 am
(Print your Name) (Time)

KILN Cooler(s)
Water sprays equipment:

Inspect for proper operations;

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)

Out of service, equipment has been removed.

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

Maint. Technician
signature/Date: _____

This completed document to be return to Steve Fernandes for filing (Environmental file).

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-Frazier Park Facility
Water Spray(s) and Operational Inspection Report
(Per Title 5 -To Ensure Compliance with Rule 50 and 40 CFR Part 60, Subpart 000.)

To Be Completed Every Two Weeks, Date: 7/13/11

Perform By: Daniel Duncker (Print Your Name) 10:30am (Time)

KILN Cooler(s)
Water sprays equipment:

Inspect for proper operations;

K3 Yes No K4 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)
Out of Service equipment has been removed

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

signature/Date: _____
Maint. Technician

This completed document to be return to Steve Fernandes for filing (Environmental file).

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

Signature: _____

Revised: 09/05/03 FHS


Pacific Custom Materials-Frazier Park Facility
Water Spray(s) and Operational Inspection Report
 (Per Title 5 -To Ensure Compliance with Rule 50 and 40 CFR Part 60, Subpart 000.)

To Be Completed Every Two Weeks, Date: 3/30/11

Perform By: Daniel Dunker (Print your Name) 9:00am (Time)

KILN Cooler(s)
Water sprays equipment:

Inspect for proper operations; K3 K4

Yes No Yes No

Note: If No, give explanation and action taken;

Out of Service

(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)

Out of Service

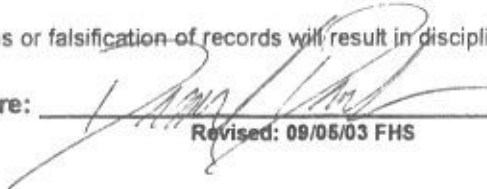
Maintenance Department: Describe Corrective Action (Parts Needed, Ordered and/or Installed, etc.)

Maint. Technician

signature/Date: _____

This completed document to be return to Steve Fernandes for filing (Environmental file).

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

Signature: 

Revised: 09/05/03 FHS

Pacific Custom Materials-Frazier Park Facility
Water Spray(s) and Operational Inspection Report
(Per Title 5 -To Ensure Compliance with Rule 50 and 40 CFR Part 60, Subpart 000.)

To Be Completed Every Two Weeks, Date: 3/16/11
Perform By: Daniel Dunker 11:30am
(Print your Name) (Time)

KILN Cooler(s)
Water sprays equipment:

Inspect for proper operations; K3 K4
 Yes No Yes No

Note: If No, give explanation and action taken;
Out of Service

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

Sand Conversion Belt Dust suppression system;

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

If Malfunction Noted, Identify Transfer Point and Give Action Taken: Example: Plugged Nozzle(s)
Out of Service

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

Maint. Technician
signature/Date: _____

This completed document to be return to Steve Fernandes for filing (Environmental file).

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

Pacific Custom Materials-Frazier Park Facility
Water Spray(s) and Operational Inspection Report
(Per Title 5 -To Ensure Compliance with Rule 50 and 40 CFR Part 60, Subpart 000.)

To Be Completed Every Two Weeks, Date: 3/2/11

Perform By: Daniel Dunker (Print your Name) 11:30 AM (Time)

KILN Cooler(s)
Water sprays equipment:

Inspect for proper operations;

K3 Yes No K4 Yes No

Note: If No, give explanation and action taken;

Out of Service

(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)

Out of Service

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

Maint. Technician

signature/Date: _____

This completed document to be return to Steve Fernandes for filing (Environmental file).

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

Pacific Cus n. Materials-Frazier Park Facility
Water Spray(s) and Operational Inspection Report
(Per Title 5 -To Ensure Compliance with Rule 50 and 40 CFR Part 60, Subpart 000.)

To Be Completed Every Two Weeks, Date: 2/16/11

Perform By: Daniel Donker AM PM 10:00
(Print your Name) (Time)

KILN Cooler(s)

Water sprays equipment:

Inspect for proper operations:

K3 Yes No K4 Yes No

Note: If No, give explanation and action taken;

Out of Service

(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

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 Donker
Revised: 09/05/03 FHS

Pacific Cus n Materials-Frazier Park Facility
Water Spray(s) and Operational Inspection Report
(Per Title 5 -To Ensure Compliance with Rule 50 and 40 CFR Part 60, Subpart 000.)

To Be Completed Every Two Weeks, Date: 2/2/11

Perform By: Daniel Dunker AM PM 9am
(Print your Name) (Time)

KILN Cooler(s)

Water sprays equipment: ..

Inspect for proper operations:

K3 Yes No K4 Yes No

Note If No, give explanation and action taken;

Out of Service

(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

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 Cus n Materials-Frazier Park Facility
Water Spray(s) and Operational Inspection Report
(Per Title 5 -To Ensure Compliance with Rule 50 and 40 CFR Part 60, Subpart 000.)

To Be Completed Every Two Weeks, Date: 1/19/11

Perform By: Daniel Dunker AM PM 8:45
(Print your Name) (Time)

KILN Cooler(s)
Water sprays equipment: ..

Inspect for proper operations: K3 Yes No K4 Yes No

Out of Service
Note: If No, give explanation and action taken;

(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

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

APPENDIX G

PO0036PC2 Condition 3

CEMS Log

Pacific Custom Materials
 Permit Number 0036

Break down Periods
GM-31 NOX Break down summary
 March 1, 2011 - March 31, 2012

Device	Date	Period	Comment
GM-31	3-5 to 3-6	10:00am	K-3 Invalid on 3/5 at 10:00am unknown reason went undetected
			until 4/6 breakdown report was sent to APCD
			Plant down from 3-9 to 3-31
GM-31	11/5/2011	12:am	There was missing data for twelve hours due to operator error, on Kin #3 and #4 the operator reset the time to the wrong time.
GM-31	11/6/2011	1:00am	Missing data for one hour due to auto time change K-3 & K-4
GM-31	11/6/2011	9:40am	K-3 & K-4 missing data due to operator changing time back to am from pm.

Data_Periods_11/12

Pacific Custom Materials
 Permit Number 0036

Break down Periods
GM-31 SO2 Break down summary
 March 1, 2011 - March 31, 2012

Device	Date	Period	Comment
GM-31	3-5 to 3-6	10:00am	K-3 Invalid on 3/5/11 at 10:00am unknown reason went undetected until 4/6 breakdown report was sent to APCD
GM-31	11/5/2011	12:am	There was missing data for twelve hours due to operator error, on Kiln #3 and #4 the operator reset the time to the wrong time.
GM-31	11/6/2011	1:00am	Missing data for one hour due to auto time change K-3 & K-4
GM-31	11/6/2011	9:40am	K-3 & K-4 missing data due to operator changing time back to am from pm.
GM-31	12/6/2012		K-4 was missing a calibration, unknown reasons.

Data_Periods_11/12

Pacific Custom Materials
 Permit Number 0036
 PO0036PC2 Condition 4

Missing Data Periods
Missing GM-35 CO and Flow Data Summary
 March 1, 2011 - March 31, 2012

Device	Date	Period	Comment
GM-35	March	3-9 to 3-31	Plant shut down
GM-35	April	4-1 to 4-30	Plant shut down NO Data.
GM-35	May	plant down	5-1 to 5-18 and 5-24 to 5-31 plant shut down no data.
GM-35	June	plant down	6-1 to 6-13 and 6-24 to 6-30 Plant shut down NO Data.
GM-35	July	7-1 to 7-31	Plant shut down NO Data.
GM-35	August	8-1 to 8-22	Plant shut down NO Data.
GM-35	September	plant down	9/1 9/12 to 9/30 plant shut down no data
GM-35	October	plant down	10/1 to 10/31 plant down no data
GM-35	November	11/5 & 11/6	missing data from 12am to 12pm due to operator error
GM-35	December	plant down	12/1 to 12/3 and from 12/16 to 12/28 plant down no data
GM-35	January	plant down	1/10/2012 to 1/31/2012 no data
GM-35	February	plant down	2/16/2012 to 2/22/2012 no data
GM-35			K-4 was down from 2/1/12 to 2/14/12 for repairs
GM-35	March	plant down	3/12/12 to 3/31/12 plant was shut down no data.

Missing_Data_Periods_11/12

Pacific Custom Materials
 Permit Number 0036
 PO0036PC2 Condition 4

Missing Data Periods
Missing GM-31 NOx and Flow Data Summary
 March 1, 2011 - March 31, 2012

Device	Date	Time Period	Comment
GM-31	March	3-9 to 3-31	Plant shut down
GM-31	April	4-1 to 4-30	Plant shut down NO Data
GM-31	May	plant down	5-1 to 5-18 and 5-24 to 5-31 plant shut down no data.
GM-31	June	plant down	6-1 to 6-13 and 6-24 to 6-30 Plant shut down NO Data.
GM-31	July	7-1 to 7-31	Plant shut down NO Data.
GM-31	August	8-1 to 8-22	Plant shut down NO Data.
GM-31	September	plant down	9/1 9/12 to 9/30 plant shut down no data
GM-31	October	plant down	10/1 to 10/31 plant down no data
GM-31	November	11/5 & 11/6	missing data from 12am to 12pm due to operator error
GM-31	December	plant down	12/1 to 12/3 and from 12/16 to 12/28 plant down no data
GM-31	January	plant down	1/10/2012 to 1/31/2012 no data
GM-31	February	plant down	2/16/2012 to 2/22/2012 no data
GM-31			K-4 was down from 2/1/12 to 2/14/12 for repairs
GM-31	March	plant down	3/12/12 to 3/31/12 plant was shut down no data.

Missing_Data_Periods_11/12

Pacific Custom Materials
 Permit Number 0036

Missing Data Periods
Missing GM-31 So2 and Flow Data Summary
 March 1, 2011 - March 31, 2012

Device	Date	Period	Comment
GM-31	March	3-9 to 3-31	Plant shut down
GM-31	April	4-1 to 4-30	Plant shut down NO Data.
GM-31	May	plant down	5-1 to 5-18 and 5-24 to 5-31 plant shut down no data.
GM-31	June	plant down	6-1 to 6-13 and 6-24 to 6-30 Plant shut down NO Data.
GM-31	July	7-1 to 7-31	Plant shut down NO Data.
GM-31	August	8-1 to 8-22	Plant shut down NO Data.
GM-31	September	plant down	9/1 9/12 to 9/30 plant shut down no data
GM-31	October	plant down	10/1 to 10/31 plant down no data
GM-31	November	11/5 & 11/6	missing data from 12am to 12pm due to operator error
GM-31	December	plant down	12/1 to 12/3 and from 12/16 to 12/28 plant down no data
GM-31	January	plant down	1/10/2012 to 1/31/2012 no data
GM-31	February	plant down	2/16/2012 to 2/22/2012 no data
GM-31			K-4 was down from 2/1/12 to 2/14/12 for repairs
GM-31	March	plant down	3/12/12 to 3/31/12 plant was shut down no data.

Missing_Data_Periods_11/12

APPENDIX H

PO0036PC11 Condition 3

Moisture Content Results (dated)

HIGH PERFORMANCE LIGHT WEIGHT AGGREGATES

TICKET # power screen 3/8" HYDROLITE SIEVE ANALYSIS

PCM

SAMPLE: T-5

Date: 12/07/11

FRAZIER

Time 9:30

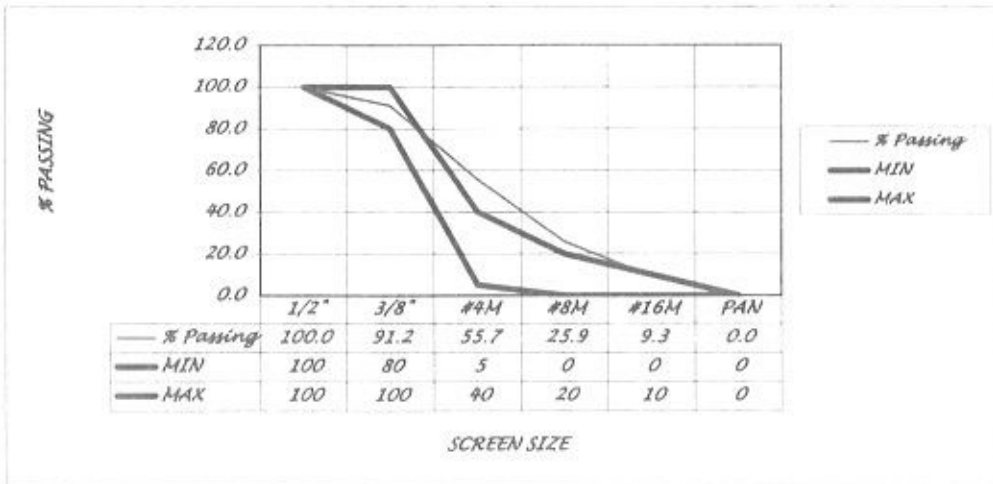
Company TXI

Plant Frazier Park

SIEVE SCREEN	CUM. WT.	C % R	SIEVE SCREEN	SIEVE % Passing	ASTM C-330 % PASSING		SIEVE % Retain
					MIN	MAX	
1/2"	0.0	0.0	1/2"	100.0	100	100	0.0
3/8"	51.0	8.8	3/8"	91.2	80	100	8.8
#4M	257.0	44.3	#4M	55.7	5	40	35.5
#8M	430.0	74.1	#8M	25.9	0	20	29.8
#16M	526.0	90.7	#16M	9.3	0	10	16.6
PAN	580.0	100.0	PAN	0.0	0	0	9.3

Unit Wt.	53.0	PCF
Wet Wt.	724	Wt.(Pan)
Gross Wt.	1681	Tare wt
My Unit wt Name		

Dry Wt.	PCF
% MOIST	24.8
SP Gravity (wet)	1.66



Pacific Custom Materials
 17410 Lockwood Valley Road
 (Phone Number: 661/245-3736 FAX:661/245-3559)
 Frazier Park, CA. 93225

HIGH PERFORMANCE LIGHT WEIGHT AGGREGATES

TICKET # power screen 3/8" HYDROLITE SIEVE ANALYSIS

PCM

SAMPLE: T-5 feed

Date: 12/07/11

FRAZIER

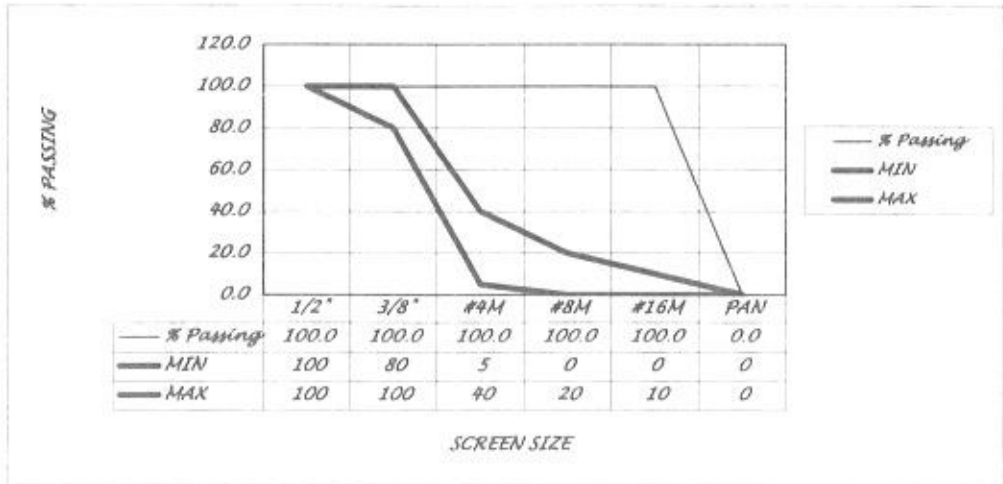
Time 9:30

Company TXI

Plant Frazier Park

SIEVE SCREEN	CUM. WT.	C % R	SIEVE SCREEN	SIEVE % Passing	ASTM C-330 % PASSING		SIEVE % Retain
					MIN	MAX	
1/2"	0.0	0.0	1/2"	100.0	100	100	0.0
3/8"	0.0	0.0	3/8"	100.0	80	100	0.0
#4M	0.0	0.0	#4M	100.0	5	40	0.0
#8M	0.0	0.0	#8M	100.0	0	20	0.0
#16M	0.0	0.0	#16M	100.0	0	10	0.0
PAN	550.0	100.0	PAN	0.0	0	0	100.0

Unit Wt.	60.0	PCF	Dry Wt.	PCF
Wet Wt.	660	Wt.(Pan)	550.0	% MOIST 20.0
Gross WT.	0	Tare wt	1392	SP Gravity (wet) 0.32
My Unit wt Name				



Pacific Custom Materials
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 Frazier Park, CA 93225

HIGH PERFORMANCE LIGHT WEIGHT AGGREGATES

TICKET# power screen 3/8" HYDROLITE SIEVE ANALYSIS

PCM

SAMPLE: T-5 feed

Date: 11/07/11

FRAZIER

Time 11:30

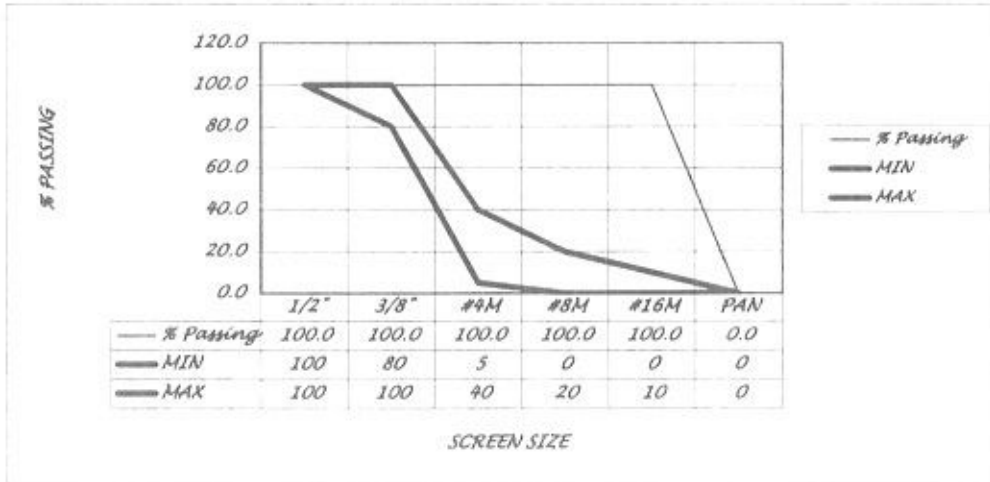
Company TXI

Plant Frazier Park

SIEVE SCREEN	CUM. WT.	C % R	SIEVE SCREEN	% Passing	ASTM C-330 % PASSING		SIEVE % Retain
					MIN	MAX	
1/2"	0.0	0.0	1/2"	100.0	100	100	0.0
3/8"	0.0	0.0	3/8"	100.0	80	100	0.0
#4M	0.0	0.0	#4M	100.0	5	40	0.0
#8M	0.0	0.0	#8M	100.0	0	20	0.0
#16M	0.0	0.0	#16M	100.0	0	10	0.0
PAN	417.0	100.0	PAN	0.0	0	0	100.0

Unit Wt.	59.5	PCF
Wet Wt.	500	Wt.(Pan) 417.0
Gross WT.	0	Tare wt 1392
My Unit wt Name		

Dry Wt.	PCF
% MOIST	19.9
SP Gravity (wet)	0.26



Pacific Custom Materials
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 Frazier Park, CA. 93225

HIGH PERFORMANCE LIGHT WEIGHT AGGREGATES

TICKET # power screen 3/8" HYDROLITE SIEVE ANALYSIS

PCM

SAMPLE: T-5

Date: 11/07/11

FRAZIER

Time 11:30

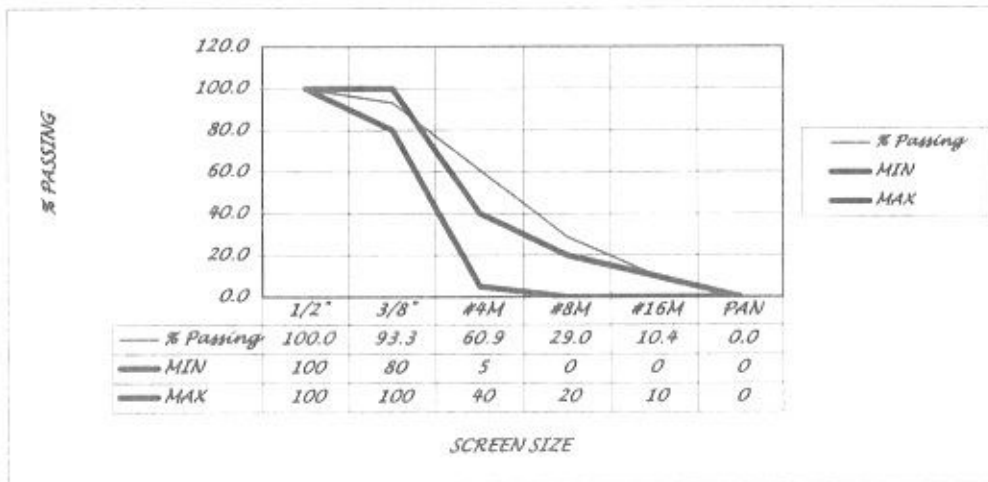
Company TXI

Plant Frazier Park

SIEVE SCREEN	CUM. WT.	C % R	SIEVE SCREEN	SIEVE % Passing	ASTM C-330 % PASSING		SIEVE % Retain
					MIN	MAX	
1/2"	0.0	0.0	1/2"	100.0	100	100	0.0
3/8"	43.0	6.7	3/8"	93.3	80	100	6.7
#4M	251.0	39.1	#4M	60.9	5	40	32.4
#8M	456.0	71.0	#8M	29.0	0	20	31.9
#16M	575.0	89.6	#16M	10.4	0	10	18.5
PAN	642.0	100.0	PAN	0.0	0	0	10.4

Unit Wt.	59.5	PCF
Wet Wt.	830	Wt.(Pan)
Gross WT.	1761	Tare wt
My Unit wt Name		

Dry Wt.	PCF
	% MOIST
	SP Gravity (wet)
	29.3
	1.80



Pacific Custom Materials
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 (Phone Number: 661/245-3736 FAX:661/245-3559)
 Frazier Park, CA. 93225

HIGH PERFORMANCE LIGHT WEIGHT AGGREGATES

TICKET # *power screen 3/8" HYDROLITE SIEVE ANALYSIS*

PCM

SAMPLE: *Power Screen*

Date: 07/12/11

FRAZIER

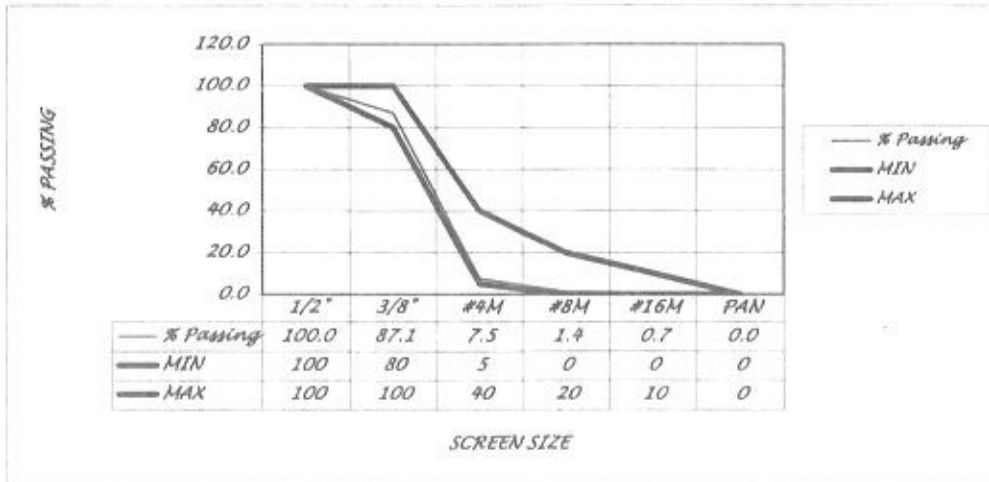
Time 8:50

Company TXI

Plant Frazier Park

SIEVE SCREEN	CUM. WT.	C % R	SIEVE SCREEN	SIEVE % Passing	ASTM C-330 % PASSING		SIEVE % Retain
					MIN	MAX	
1/2"	0.0	0.0	1/2"	100.0	100	100	0.0
3/8"	72.0	12.9	3/8"	87.1	80	100	12.9
#4M	515.0	92.5	#4M	7.5	5	40	79.5
#8M	549.0	98.6	#8M	1.4	0	20	6.1
#16M	553.0	99.3	#16M	0.7	0	10	0.7
PAN	557.0	100.0	PAN	0.0	0	0	0.7

Unit Wt.	55.5	PCF	Dry Wt.	PCF
Wet Wt.	724	Wt.(Pan)		% MOIST 30.0
Gross WT.	1704	Tare wt	1392	SP Gravity (wet) 1.76
My Unit wt Name				



Pacific Custom Materials
 17410 Lockwood Valley Road
 (Phone Number: 661/245-3736 FAX:661/245-3559)
 Frazier Park, CA. 93225

HIGH PERFORMANCE LIGHT WEIGHT AGGREGATES

TICKET # power screen 3/8" HYDROLITE SIEVE ANALYSIS

PCM

SAMPLE: T-5 feed

Date: 07/13/11

FRAZIER

Time 9:38

Company TXI

Plant Frazier Park

SCREEN	CUM. WT.	C % R	SIEVE SCREEN	SIEVE % Passing	ASTM C-330 % PASSING		SIEVE % Retain
					MIN	MAX	
1/2"	0.0	0.0	1/2"	100.0	100	100	0.0
3/8"	0.0	0.0	3/8"	100.0	80	100	0.0
#4M	0.0	0.0	#4M	100.0	5	40	0.0
#8M	0.0	0.0	#8M	100.0	0	20	0.0
#16M	0.0	0.0	#16M	100.0	0	10	0.0
PAN	743.0	100.0	PAN	0.0	0	0	100.0

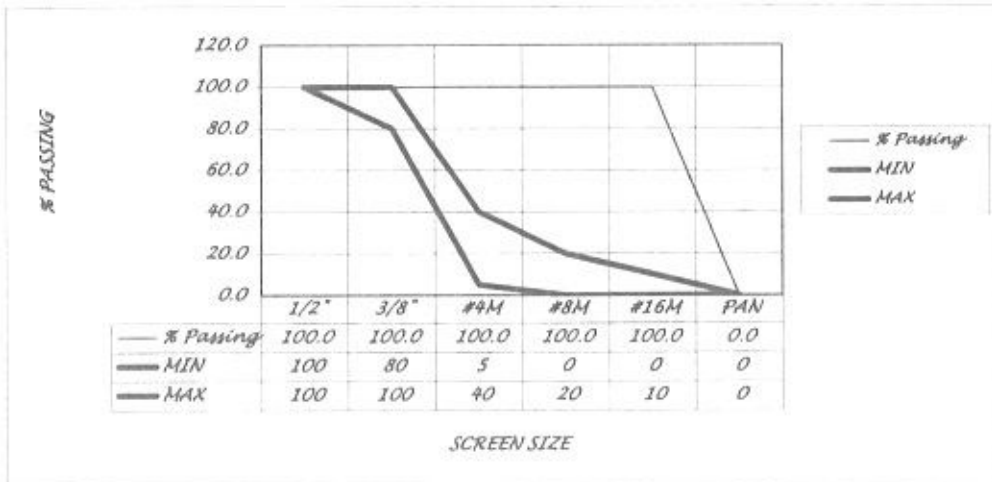
Unit Wt. 59.5 PCF

Dry Wt. PCF

Wet Wt. 893 Wt.(Pan) 743.0 % MOIST 20.2

Gross Wt. 0 Tare wt 1392 SP Gravity (wet) 0.39

My Unit wt Name



Pacific Custom Materials
 17410 Lockwood Valley Road
 (Phone Number: 661/245-3736 FAX:661/245-3559)
 Frazier Park, CA 93225

HIGH PERFORMANCE LIGHT WEIGHT AGGREGATES

TICKET # power screen 3/8" HYDROLITE SIEVE ANALYSIS

PCM

SAMPLE: Power Screen

Date: 08/01/11

FRAZIER

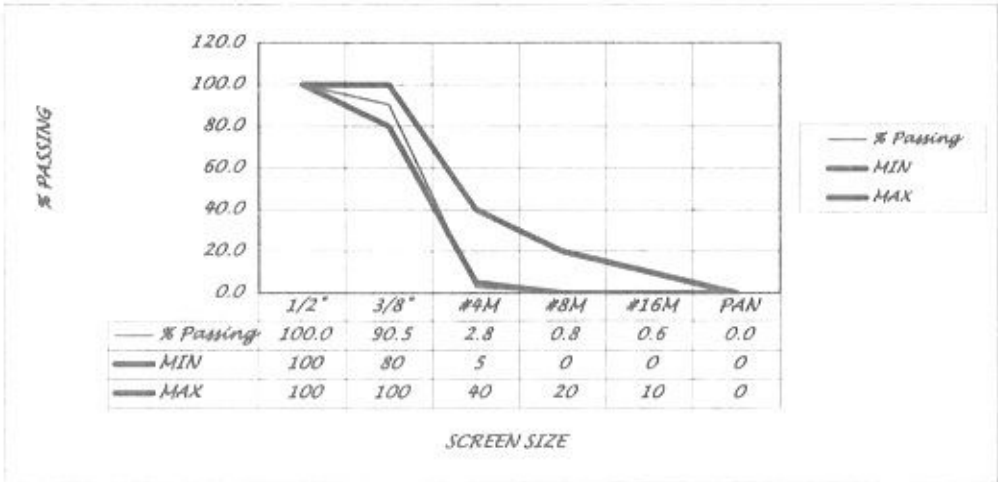
Time 10:15

Company TXI

Plant Frazier Park

SIEVE SCREEN	CUM. WT.	C % R	SIEVE SCREEN	SIEVE % Passing	ASTM C-330 % PASSING		SIEVE % Retain
					MIN	MAX	
1/2"	0.0	0.0	1/2"	100.0	100	100	0.0
3/8"	48.0	9.5	3/8"	90.5	80	100	9.5
#4M	493.0	97.2	#4M	2.8	5	40	87.8
#8M	503.0	99.2	#8M	0.8	0	20	2.0
#16M	504.0	99.4	#16M	0.6	0	10	0.2
PAN	507.0	100.0	PAN	0.0	0	0	0.6

Unit Wt.	54.0	PCF	Dry Wt.	PCF
Wet Wt.	634	Wt.(Pan)	507.0	% MOIST
Gross WT.	1663	Tare wt	1392	SP Gravity (wet)
My Unit wt Name				1.75



Pacific Custom Materials
 17410 Lockwood Valley Road
 (Phone Number: 661/245-3736 FAX:661/245-3559)
 Frazier Park, CA. 93225

HIGH PERFORMANCE LIGHT WEIGHT AGGREGATES

TICKET # power screen 3/8" HYDROLITE SIEVE ANALYSIS

PCM

SAMPLE: T-5 feed

Date: 08/01/11

FRAZIER

Time 10:15

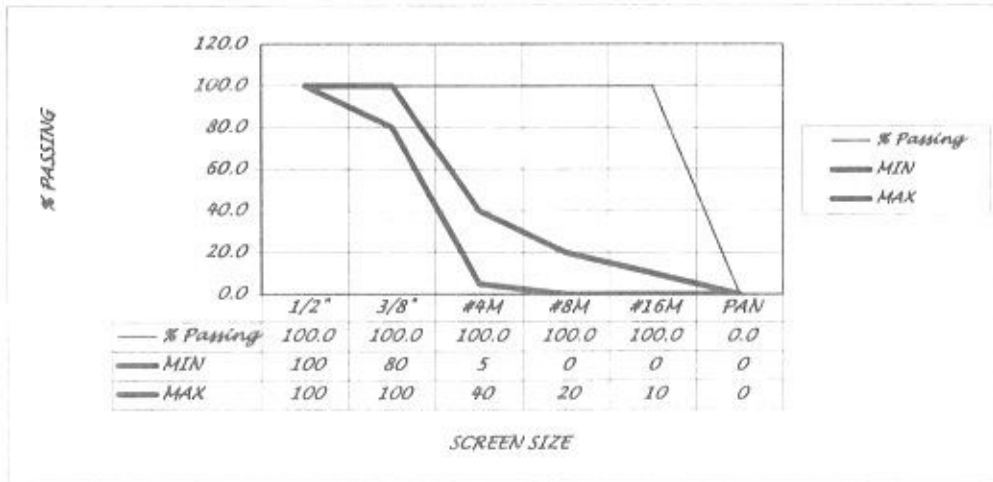
Company TXI

Plant Frazier Park

SIEVE SCREEN	CUM. WT.	C % R	SIEVE SCREEN	SIEVE % Passing	ASTM C-330 % PASSING		SIEVE % Retain
					MIN	MAX	
1/2"	0.0	0.0	1/2"	100.0	100	100	0.0
3/8"	0.0	0.0	3/8"	100.0	80	100	0.0
#4M	0.0	0.0	#4M	100.0	5	40	0.0
#8M	0.0	0.0	#8M	100.0	0	20	0.0
#16M	0.0	0.0	#16M	100.0	0	10	0.0
PAN	757.0	100.0	PAN	0.0	0	0	100.0

Unit Wt.	60.0	PCF
Wet Wt.	866	Wt.(Pan)
Gross WT.	0	Tare wt
My Unit wt		
Name		

Dry Wt.	PCF
% MOIST	14.4
SP Gravity (wet)	0.38



Pacific Custom Materials
 17410 Lockwood Valley Road
 (Phone Number: 661/245-3736 FAX:661/245-3559)
 Frazier Park, CA. 93225

HIGH PERFORMANCE LIGHTWEIGHT AGGREGATES

TICKET # power screen
 SAMPLE: T-5
 Time 10:00
 Company TXI
 Plant Frazier Park

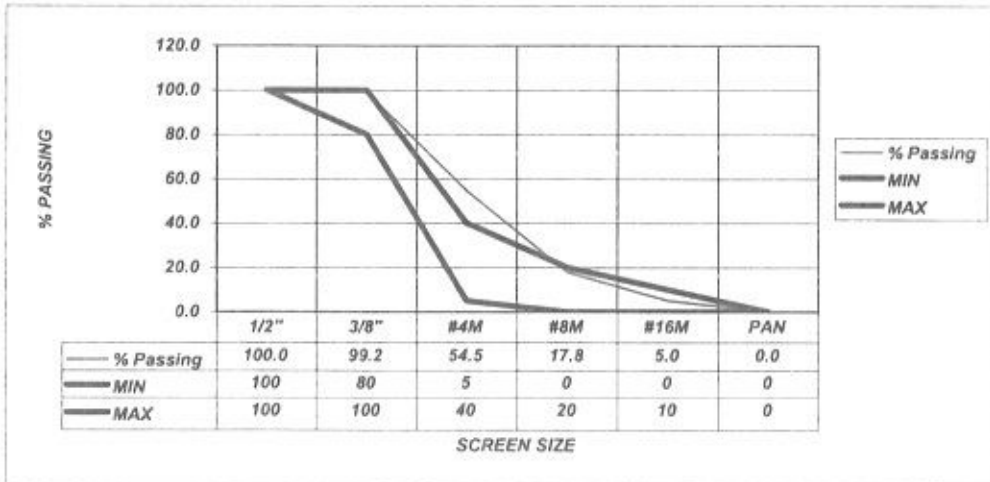
3/8" HYDROLITE SIEVE ANALYSIS
 Date: 06/07/11

PCM
 FRAZIER

SIEVE SCREEN	CUM. WT.	C % R	SIEVE SCREEN	SIEVE % Passing	ASTM C-330 % PASSING		SIEVE % Retain
					MIN	MAX	
1/2"	0.0	0.0	1/2"	100.0	100	100	0.0
3/8"	5.0	0.8	3/8"	99.2	80	100	0.8
#4M	289.0	45.5	#4M	54.5	5	40	44.7
#8M	522.0	82.2	#8M	17.8	0	20	36.7
#16M	603.0	95.0	#16M	5.0	0	10	12.8
PAN	635.0	100.0	PAN	0.0	0	0	5.0

Unit Wt.	60.5	PCF	Dry Wt.	PCF	
Wet Wt.	740	Wt.(Pan)	635.0	% MOIST	16.5
Gross WT.	1748	Tare wt	1392	SP Gravity (wet)	1.93

My Unit wt
 Name



Pacific Custom Materials
 17410 Lockwood Valley Road
 (Phone Number: 661/245-3736 FAX:661/245-3559)
 Frazier Park, CA. 93225

HIGH PERFORMANCE LIGHTWEIGHT AGGREGATES

TICKET # power screen
 SAMPLE: T-5 feed
 Time 10:00
 Company TXI
 Plant Frazier Park

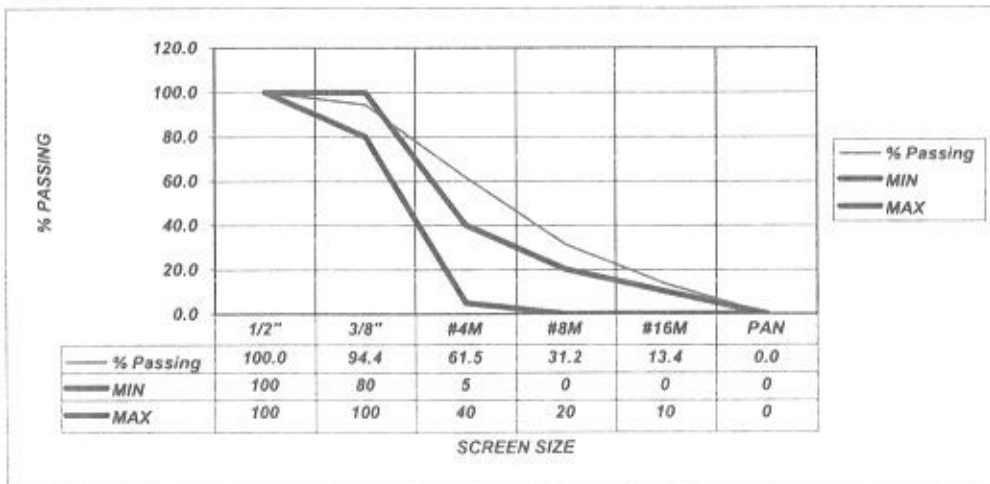
3/8" HYDROLITE SIEVE ANALYSIS
 Date: 06/07/11

PCM
 FRAZIER

SIEVE SCREEN	CUM. WT.	C % R	SIEVE SCREEN	SIEVE % Passing	ASTM C-330 % PASSING		SIEVE % Retain
					MIN	MAX	
1/2"	0.0	0.0	1/2"	100.0	100	100	0.0
3/8"	39.0	5.6	3/8"	94.4	80	100	5.6
#4M	270.0	38.5	#4M	61.5	5	40	32.9
#8M	483.0	68.8	#8M	31.2	0	20	30.3
#16M	608.0	86.6	#16M	13.4	0	10	17.8
PAN	702.0	100.0	PAN	0.0	0	0	13.4

Unit Wt.	60.0	PCF	Dry Wt.	PCF	
Wet Wt.	888	Wt.(Pan)	702.0	% MOIST	26.5
Gross WT.	1785	Tare wt	1392	SP Gravity (wet)	1.79

My Unit wt Name



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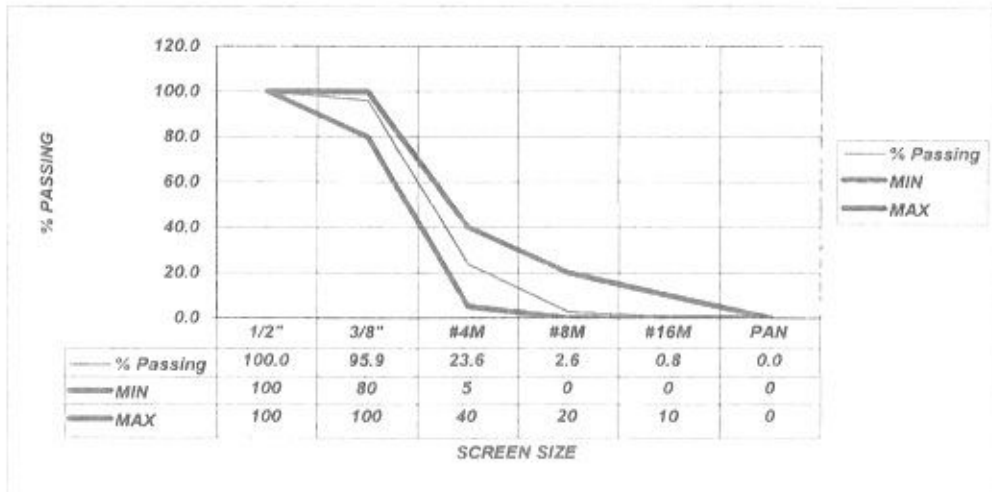
HIGH PERFORMANCE LIGHTWEIGHT AGGREGATES

TICKET # power screen 3/8" HYDROLITE SIEVE ANALYSIS
 SAMPLE: Sample 1 Date: 04/04/11
 Time 10:30
 Company TXI
 Plant Frazier Park

PCM
 FRAZIER

SCREEN	CUM. WT.	C % R	SIEVE SCREEN	SIEVE % Passing	ASTM C-330 % PASSING		SIEVE % Retain
					MIN	MAX	
1/2"	0.0	0.0	1/2"	100.0	100	100	0.0
3/8"	27.0	4.1	3/8"	95.9	80	100	4.1
#4M	507.0	76.4	#4M	23.6	5	40	72.3
#8M	647.0	97.4	#8M	2.6	0	20	21.1
#16M	659.0	99.2	#16M	0.8	0	10	1.8
PAN	664.0	100.0	PAN	0.0	0	0	0.8

Unit Wt.	55.0	PCF	Dry Wt.	PCF
Wet Wt.	0	Wt.(Pan)	664.0	% MOIST
Gross WT.	0	Tare wt	1392	SP Gravity (wet)
My Unit wt Name				-100.0 0.00



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Put it straight in the Stockpile?

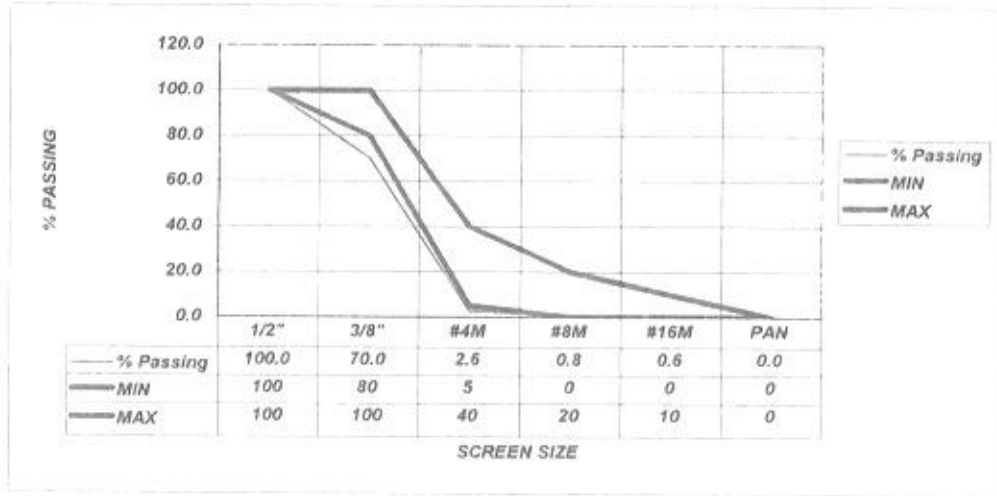
HIGH PERFORMANCE LIGHTWEIGHT AGGREGATES

TICKET # power screen 3/8" HYDROLITE SIEVE ANALYSIS
 SAMPLE: sample 1 Date: 03/15/11
 Time 3:30
 Company TXI
 Plant Frazier Park

PCM
 FRAZIER

SCREEN	CUM. WT.	C % R	SIEVE SCREEN	SIEVE % Passing	ASTM C-330 % PASSING		SIEVE % Retain
					MIN	MAX	
1/2"	0.0	0.0	1/2"	100.0	100	100	0.0
3/8"	148.0	30.0	3/8"	70.0	80	100	30.0
#4M	481.0	97.4	#4M	2.6	5	40	67.4
#8M	490.0	99.2	#8M	0.8	0	20	1.8
#16M	491.0	99.4	#16M	0.6	0	10	0.2
PAN	494.0	100.0	PAN	0.0	0	0	0.6

Unit Wt.	51.0	PCF	Dry Wt.	PCF
Wet Wt.	603	Wt.(Pan)	494.0	% MOIST
Gross WT.	1646	Tare wt	1390	SP Gravity (wet)
My Unit wt Name				22.1
				1.74



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HIGH PERFORMANCE LIGHTWEIGHT AGGREGATES

TICKET # power screen 3/8" HYDROLITE SIEVE ANALYSIS
 SAMPLE: sample A Date: 05/05/11

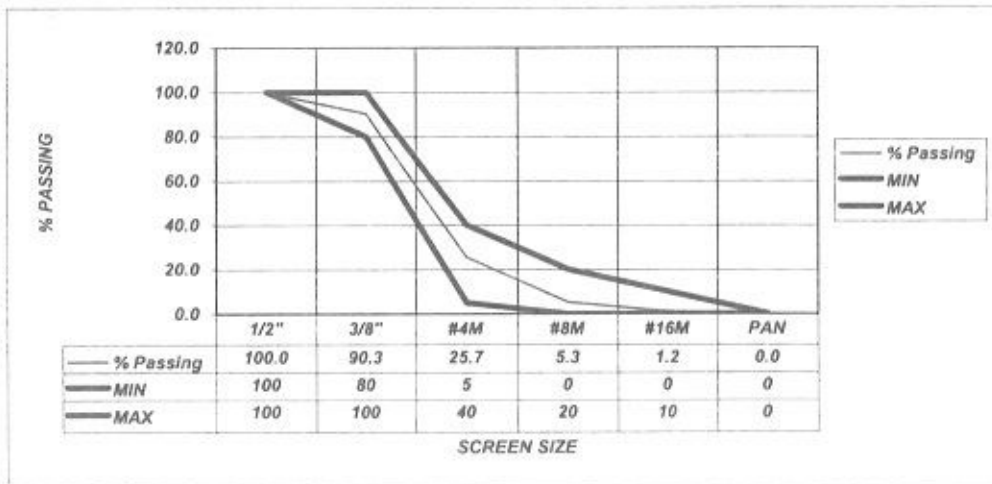
PCM
 FRAZIER

Time 9:00
 Company TXI
 Plant Frazier Park

SIEVE SCREEN	CUM. WT.	C % R	SIEVE SCREEN	SIEVE % Passing	ASTM C-330 % PASSING		SIEVE % Retain
					MIN	MAX	
1/2"	0.0	0.0	1/2"	100.0	100	100	0.0
3/8"	58.0	9.7	3/8"	90.3	80	100	9.7
#4M	446.0	74.3	#4M	25.7	5	40	64.7
#8M	568.0	94.7	#8M	5.3	0	20	20.3
#16M	593.0	98.8	#16M	1.2	0	10	4.2
PAN	600.0	100.0	PAN	0.0	0	0	1.2

Unit Wt.	54.5	PCF	Dry Wt.	PCF
Wet Wt.	707	Wt.(Pan)	600.0	% MOIST
Gross WT.	1702	Tare wt	1392	SP Gravity (wet)
				17.8
				1.78

My Unit wt
 Name



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HIGH PERFORMANCE LIGHTWEIGHT AGGREGATES

TICKET # power screen
 SAMPLE: sample A
 Time 11:00
 Company TXI
 Plant Frazier Park

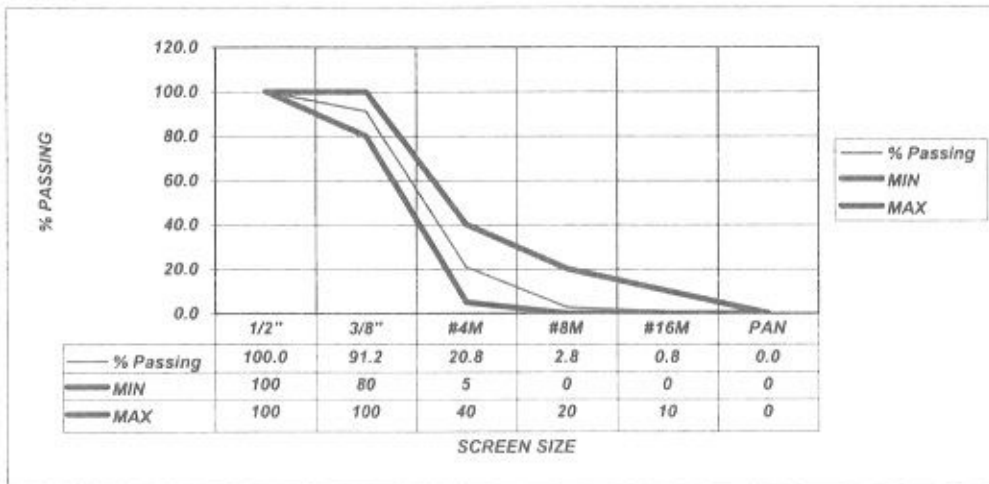
3/8" HYDROLITE SIEVE ANALYSIS
 Date: 05/02/11

PCM
 FRAZIER

SCREEN	CUM. WT.	C % R	SIEVE SCREEN	SIEVE % Passing	ASTM C-330 % PASSING		SIEVE % Retain
					MIN	MAX	
1/2"	0.0	0.0	1/2"	100.0	100	100	0.0
3/8"	54.0	8.8	3/8"	91.2	80	100	8.8
#4M	486.0	79.2	#4M	20.8	5	40	70.4
#8M	597.0	97.2	#8M	2.8	0	20	18.1
#16M	609.0	99.2	#16M	0.8	0	10	2.0
PAN	614.0	100.0	PAN	0.0	0	0	0.8

Unit Wt.	54.5	PCF	Dry Wt.	PCF
Wet Wt.	739	Wt.(Pan)	614.0	% MOIST
Gross WT.	1718	Tare wt	1392	SP Gravity (wet)
				20.4
				1.79

My Unit wt
 Name



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HIGH PERFORMANCE LIGHTWEIGHT AGGREGATES

TICKET # power screen
 SAMPLE: Sample 1-B
 Time 11:30
 Company TXI
 Plant Frazier Park

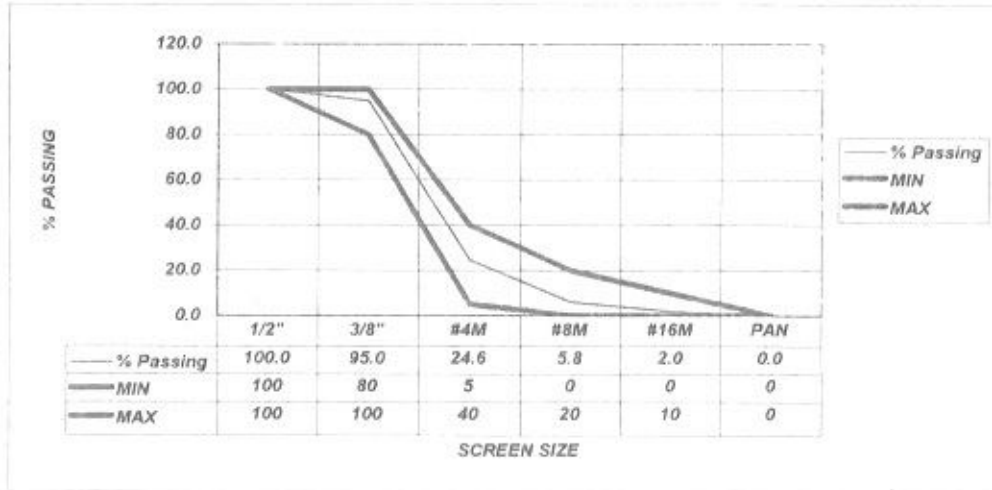
3/8" HYDROLITE SIEVE ANALYSIS
 Date: 04/05/11

PCM
 FRAZIER

SCREEN	CUM. WT.	C % R	SIEVE SCREEN	SIEVE % Passing	ASTM C-330 % PASSING		SIEVE % Retain
					MIN	MAX	
1/2"	0.0	0.0	1/2"	100.0	100	100	0.0
3/8"	25.0	5.0	3/8"	95.0	80	100	5.0
#4M	377.0	75.4	#4M	24.6	5	40	70.4
#8M	471.0	94.2	#8M	5.8	0	20	18.8
#16M	490.0	98.0	#16M	2.0	0	10	3.8
PAN	500.0	100.0	PAN	0.0	0	0	2.0

Unit Wt.	58.0	PCF	Dry Wt.	PCF	
Wet Wt.	616	Wt.(Pan)	500.0	% MOIST	23.2
Gross WT.	1674	Tare wt	1392	SP Gravity (wet)	1.84

My Unit wt Name



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 Frazier Park, CA, 93225

HIGH PERFORMANCE LIGHTWEIGHT AGGREGATES

TICKET # **power screen**
 SAMPLE: **Feed**
 Time **10:30**
 Company **TXI**
 Plant **Frazier Park**

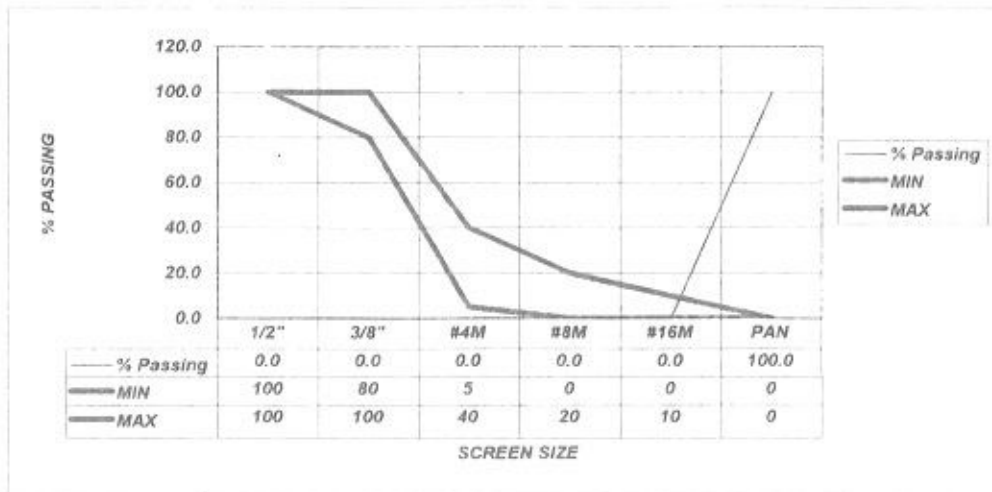
3/8" HYDROLITE SIEVE ANALYSIS

Date: 04/04/11

PCM
 FRAZIER

SCREEN	CUM. WT.	C % R	SIEVE SCREEN	SIEVE % Passing	ASTM C-330 % PASSING		SIEVE % Retain
					MIN	MAX	
1/2"	0.0	#DIV/0!	1/2"	#DIV/0!	100	100	#DIV/0!
3/8"	0.0	#DIV/0!	3/8"	#DIV/0!	80	100	#DIV/0!
#4M	0.0	#DIV/0!	#4M	#DIV/0!	5	40	#DIV/0!
#8M	0.0	#DIV/0!	#8M	#DIV/0!	0	20	#DIV/0!
#16M	0.0	#DIV/0!	#16M	#DIV/0!	0	10	#DIV/0!
PAN	0.0	0.0	PAN	100.0	0	0	#DIV/0!

Unit Wt.	62.5	PCF	Dry Wt.	PCF	
Wet Wt.	796	Wt.(Pan)	673.0	% MOIST	18.3
Gross WT.	0	Tare wt	1392	SP Gravity (wet)	0.36
My Unit wt Name					



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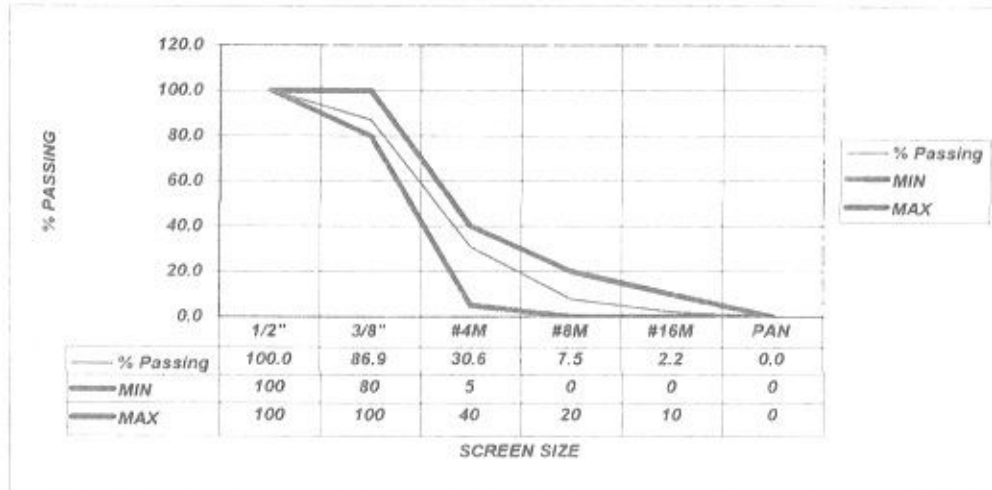
HIGH PERFORMANCE LIGHTWEIGHT AGGREGATES

TICKET # power screen 3/8" HYDROLITE SIEVE ANALYSIS
 SAMPLE: sample 1 Date: 02/11/11
 Time 10:30
 Company TXI
 Plant Frazier Park

PCM
 FRAZIER

SCREEN	CUM. WT.	C % R	SIEVE SCREEN	SIEVE % Passing	ASTM C-330 % PASSING		SIEVE % Retain
					MIN	MAX	
1/2"	0.0	0.0	1/2"	100.0	100	100	0.0
3/8"	91.0	13.1	3/8"	86.9	80	100	13.1
#4M	482.0	69.4	#4M	30.6	5	40	56.3
#8M	643.0	92.5	#8M	7.5	0	20	23.2
#16M	680.0	97.8	#16M	2.2	0	10	5.3
PAN	695.0	100.0	PAN	0.0	0	0	2.2

Unit Wt.	55.0	PCF	Dry Wt.	PCF	
Wet Wt.	0	Wt.(Pan)	695.0	% MOIST	-100.0
Gross WT.	0	Tare wt	1392	SP Gravity (wet)	0.00
My Unit wt Name					



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 Frazier Park, CA. 93225

*This is Awesome, Sample taken from pile
 By Blue tank*

HIGH PERFORMANCE LIGHTWEIGHT AGGREGATES

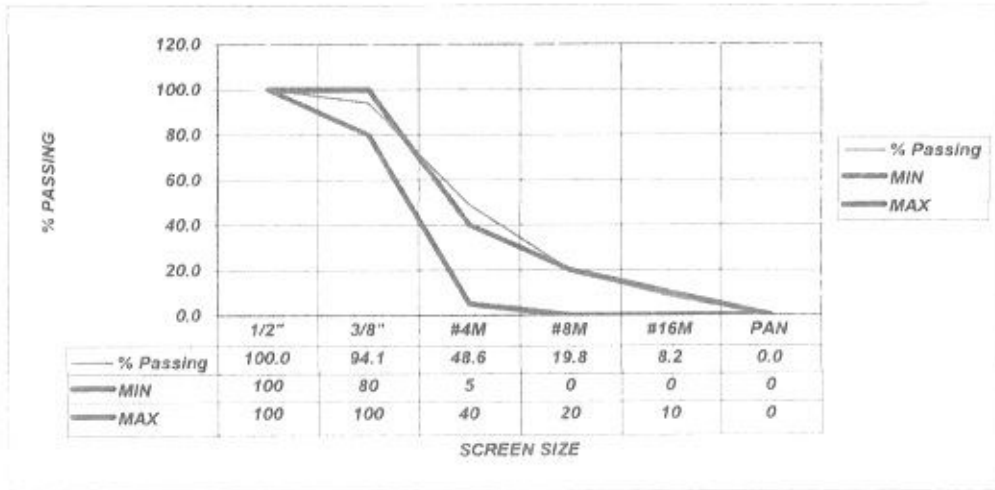
TICKET # power screen
 SAMPLE: sample 1
 Time 9:30
 Company TX
 Plant Frazier Park

3/8" HYDROLITE SIEVE ANALYSIS
 Date: 02/10/11

PCM
 FRAZIEF

SCREEN	CUM. WT.	C % R	SIEVE SCREEN	SIEVE % Passing	ASTM C-330 % PASSING		SIEVE % Retain
					MIN	MAX	
1/2"	0.0	0.0	1/2"	100.0	100	100	0.0
3/8"	41.0	5.9	3/8"	94.1	80	100	5.9
#4M	358.0	51.4	#4M	48.6	5	40	45.5
#8M	559.0	80.2	#8M	19.8	0	20	28.8
#16M	640.0	91.8	#16M	8.2	0	10	11.6
PAN	697.0	100.0	PAN	0.0	0	0	8.2

Unit Wt.	59.0	PCF	Dry Wt.	PCF	
Wet Wt.	869	Wt.(Pan)	697.0	% MOIST	24.7
Gross WT.	1781	Tare wt	1392	SP Gravity (wet)	1.81
My Unit wt Name					



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 Frazier Park, CA. 93225

This is a sample you ^{asked} me to do a full test on.

HIGH PERFORMANCE LIGHTWEIGHT AGGREGATES

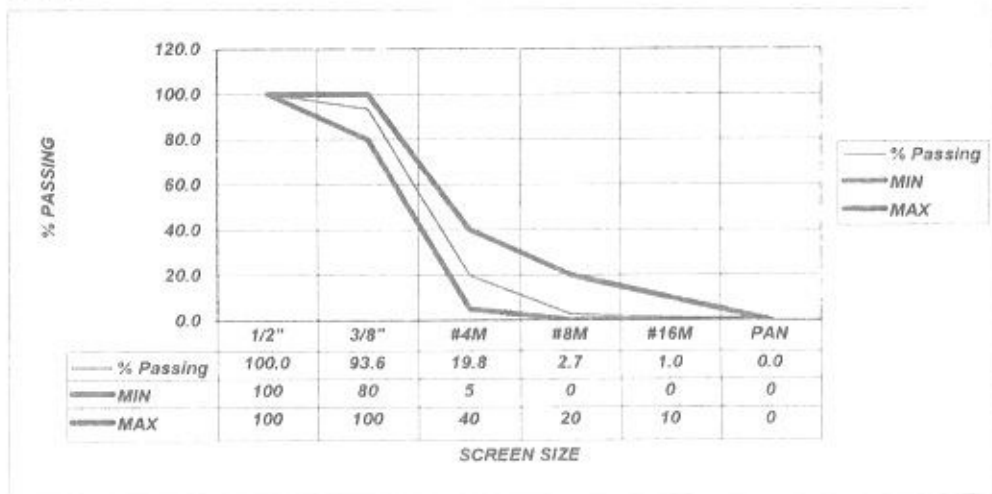
PCM
FRAZIER

TICKET # power screen 3/8" HYDROLITE SIEVE ANALYSIS
 SAMPLE: Sample 2 Date: 04/04/11
 Time 10:30
 Company TXI
 Plant Frazier Park

SCREEN	CUM. WT.	C % R	SIEVE SCREEN	SIEVE % Passing	ASTM C-330 % PASSING		SIEVE % Retain
					MIN	MAX	
1/2"	0.0	0.0	1/2"	100.0	100	100	0.0
3/8"	31.0	6.4	3/8"	93.6	80	100	6.4
#4M	390.0	80.2	#4M	19.8	5	40	73.9
#8M	473.0	97.3	#8M	2.7	0	20	17.1
#16M	481.0	99.0	#16M	1.0	0	10	1.6
PAN	486.0	100.0	PAN	0.0	0	0	1.0

Unit Wt.	54.5	PCF	Dry Wt.	PCF
Wet Wt.	596	Wt.(Pan)	486.0	% MOIST
Gross WT.	1660	Tare wt	1392	SP Gravity (wet)
				22.6
				1.82

My Unit wt
Name



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HIGH PERFORMANCE LIGHTWEIGHT AGGREGATES

TICKET# *Power screen*

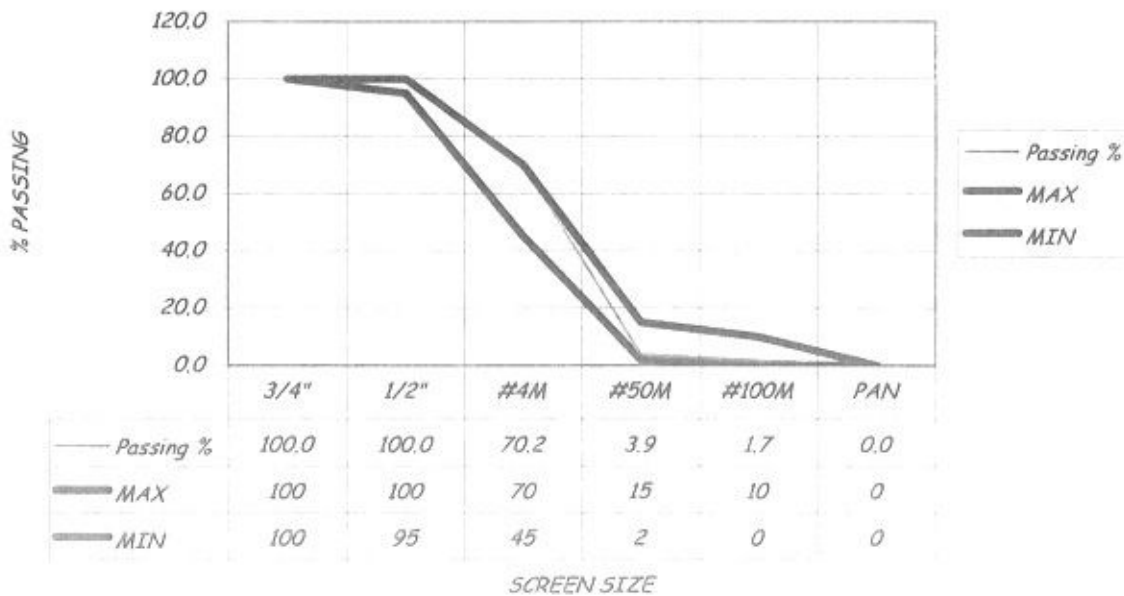
Maximizer

PCM

SAMPLE:	712 <i>9:30</i>	DATE:	2/8/2011	PLANT SPEC	FRAZIER		
SIEVE	1275	SIEVE	SIEVE	% PASSING	SIEVE		
SCREEN	CUM. WT	C % R	SCREEN	Passing %	MAX	MIN	%Retain
3/4"	0.0	0.0	3/4"	100.0	100	100	0.0
1/2"	0.0	0.0	1/2"	100.0	100	95	0.0
#4M	223.0	29.8	#4M	70.2	70	45	29.8
#50M	720.0	96.1	#50M	3.9	15	2	66.4
#100M	736.0	98.3	#100M	1.7	10	0	2.1
PAN	749.0	100.0	PAN	0.0	0	0	1.7

OVERNIGHT

Unit Wt	59.5	PCF	Dry Wt	PCF
Wet Wt	875.0			
Dry Wt	749.0			
%MOIST	16.8			



HIGH PERFORMANCE LIGHTWEIGHT AGGREGATES

TICKET# Power screen

Maximizer

PCM

SAMPLE: 10:15

DATE: 2/8/2011

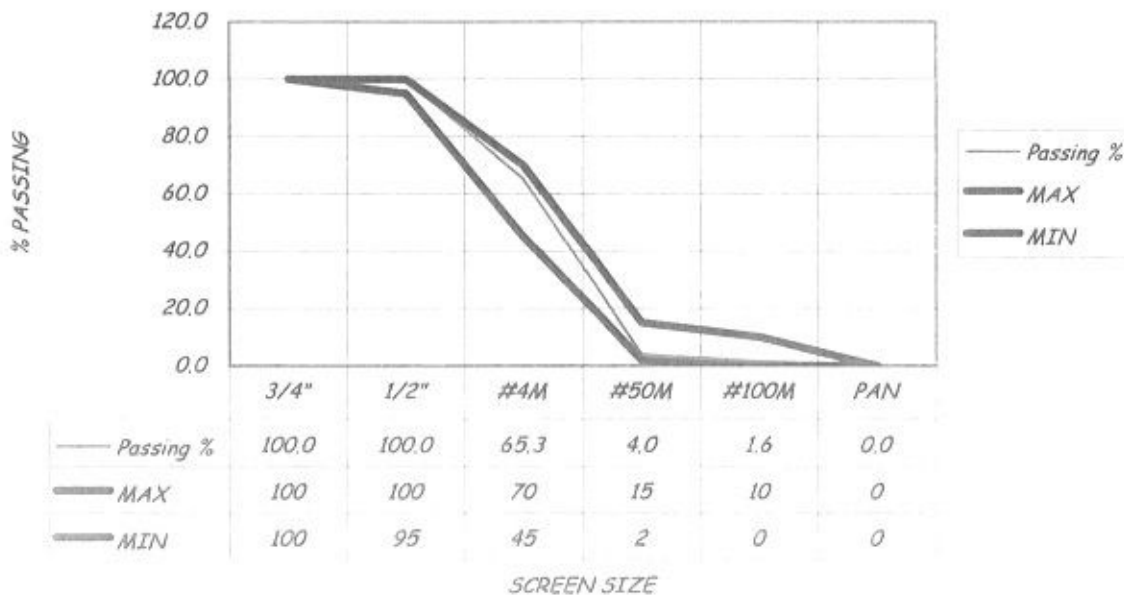
PLANT SPEC

FRAZIER

SIEVE	CUM. WT	C % R	SIEVE	SIEVE	% PASSING		SIEVE
SCREEN			SCREEN	Passing %	MAX	MIN	%Retain
3/4"	0.0	0.0	3/4"	100.0	100	100	0.0
1/2"	0.0	0.0	1/2"	100.0	100	95	0.0
#4M	260.0	34.7	#4M	65.3	70	45	34.7
#50M	719.0	96.0	#50M	4.0	15	2	61.3
#100M	737.0	98.4	#100M	1.6	10	0	2.4
PAN	749.0	100.0	PAN	0.0	0	0	1.6

OVERNIGHT

Unit Wt	60.0	PCF	Dry Wt	PCF
Wet Wt	864.0			
Dry Wt	749.0			
%MOIST	15.4			



HIGH PERFORMANCE LIGHTWEIGHT AGGREGATES

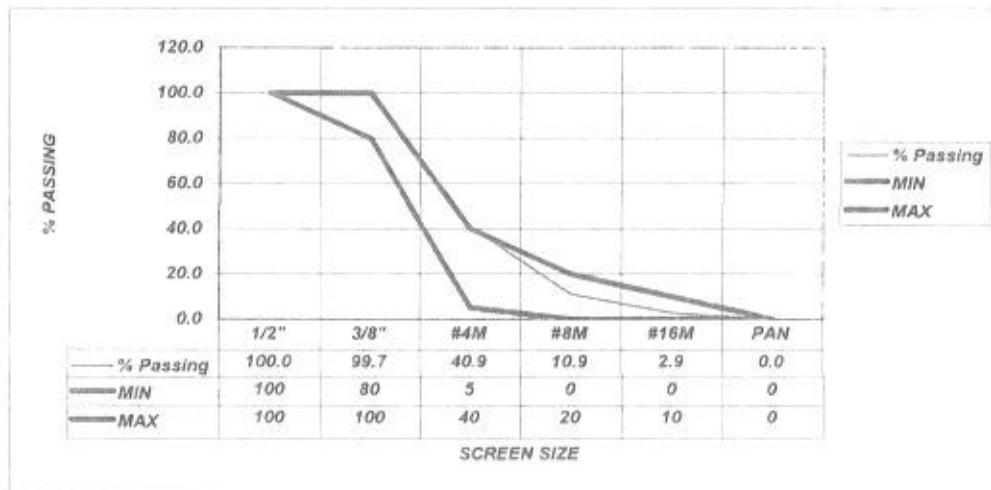
TICKET # power screen
 SAMPLE: sample 2
 Time 10:00
 Company TXI
 Plant Frazier Park

3/8" HYDROLITE SIEVE ANALYSIS
 Date: 02/03/11

PCM
 FRAZIER

SIEVE SCREEN	CUM. WT.	C % R	SIEVE SCREEN	SIEVE % Passing	ASTM C-330 % PASSING		SIEVE % Retain
					MIN	MAX	
1/2"	0.0	0.0	1/2"	100.0	100	100	0.0
3/8"	2.0	0.3	3/8"	99.7	80	100	0.3
#4M	363.0	59.1	#4M	40.9	5	40	58.8
#8M	547.0	89.1	#8M	10.9	0	20	30.0
#16M	596.0	97.1	#16M	2.9	0	10	8.0
PAN	614.0	100.0	PAN	0.0	0	0	2.9

Unit Wt.	57.5	PCF	Dry Wt.	PCF	
Wet Wt.	746	Wt.(Pan)	614.0	% MOIST	21.5
Gross WT.	1724	Tare wt	1392	SP Gravity (wet)	1.80
My Unit wt Name					



Pacific Custom Materials
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