



Nazer Ali
Olam
205 E. River Park Circle #310
Fresno, CA 93720

Re: Notice of Preliminary Decision – Emission Reduction Credits
Facility Number: N-1787
Project Number: N-1152926

Dear Mr. Ali:

Enclosed for your review and comment is the District's analysis of Olam's application for Emission Reduction Credits (ERCs) resulting from the shutdown of the vegetable processing and dehydrating operations, at 705 E. Whitmore Ave, Modesto. The quantity of ERCs proposed for banking is 23,311 lb-NOx/yr, 631 lb-SOx/yr, 2,882 lb-PM10/yr, 14,845 lb-CO/yr and 1,533 lb-VOC/yr.

The notice of preliminary decision for this project will be published approximately three days from the date of this letter. After addressing all comments made during the 30-day public notice comment period, the District intends to issue the ERCs. Please submit your written comments on this project within the 30-day public comment period, as specified in the enclosed public notice.

Thank you for your cooperation in this matter. If you have any questions regarding this matter, please contact Mr. Jesse A. Garcia of Permit Services at (559) 230-5918.

Sincerely,



Arnaud Marjollet
Director of Permit Services

AM:jag

Enclosures

cc: Mike Tollstrup, CARB (w/enclosure) via email
cc: Gerardo C. Rios, EPA (w/enclosure) via email

Seyed Sadredin
Executive Director/Air Pollution Control Officer

Northern Region
4800 Enterprise Way
Modesto, CA 95356-8718
Tel: (209) 557-6400 FAX: (209) 557-6475

Central Region (Main Office)
1990 E. Gettysburg Avenue
Fresno, CA 93726-0244
Tel: (559) 230-6000 FAX: (559) 230-6061

Southern Region
34946 Flyover Court
Bakersfield, CA 93308-9725
Tel: 661-392-5500 FAX: 661-392-5585

San Joaquin Valley Air Pollution Control District

ERC Banking Application Review

Shutdown of Vegetables Processing and Dehydration Plant

Processing Engineer:	Jesse A. Garcia
Lead Engineer:	Joven Refuerzo
Date:	October 3, 2015
Facility Name:	Olam
Mailing Address:	705 E. Whitmore Avenue Modesto, CA 95358-9408
Contact Person:	Nazer Ali or Roger Isom
Telephone:	(559) 256-6235 or (559) 455-9272
Email:	nazer.ali@olamnet.com or roger@agprocessor.org
Application Received:	August 28, 2015
Deemed Complete:	September 25, 2015
Project Number:	N-1152926
ERC Certification number:	N-1359-1, -2, -3, -4, & -5

I. Proposal

Olam has submitted an application for Emission Reduction Credits (ERCs) banking for the shutdown of the vegetables processing and drying plant (N-1787). All permits were cancelled on August 5, 2015, except for an emergency fire pump (N-1787-11-2). A copy of the surrendered Permits to Operate (PTOs) are included in Appendix I.

Per the applicant, some of the equipment will be transferred to their Firebaugh plant (C-7748) for their proposed project of addition of parsley milling and vegetable dehydrating line and increasing the facility Specific Limiting Condition. The emission reduction credits will be allowed to be banked on the requirement that offsets will be provided for the increase in emissions at Olam's facility located in Firebaugh (C-7748).

The quantity of bankable emission reductions for the shutdown of the vegetable processing and dehydration plant is summarized in the table below:

Pollutant	1 st Quarter (lb)	2 nd Quarter (lb)	3 rd Quarter (lb)	4 th Quarter (lb)	Total (lb)
NO _x	1,780	5,324	10,542	5,665	23,311
SO _x	50	144	271	166	631
PM ₁₀	231	598	1,264	789	2,882
PM _{2.5} ¹	168	481	935	610	2,194
CO	1,144	3,392	6,669	3,640	14,845
VOC	118	338	652	425	1,533

II. Applicable Rules

Rule 2201 New and Modified Stationary Source Review Rule (04/21/11)
Rule 2301 Emission Reduction Credit Banking (01/19/12)

III. Location of Reduction:

The emissions units were located at 705 E. Whitmore Avenue in Modesto, CA.

IV. Method of Generating Reductions:

The plant production ceased and all permits were cancelled on August 05, 2015, except for an emergency fire pump (N-1787-11-2) which remains as a valid permit.

Equipment Description:

Copies of all permit units for which the facility requested emissions reductions are attached in Appendix I.

N-1787-1-6: VEGETABLE MILLING AND GRANULATING OPERATION CONSISTING OF THE MATERIAL FEED SYSTEM, THE MILLING SYSTEM VENTED TO A DONALDSON CO DUST COLLECTOR, MODEL 4 DF-32, AND A GRANULATING SYSTEM

N-1787-2-2: DEHYDRATED VEGETABLE BOXING EQUIPMENT

N-1787-4-7: 21.966 MMBTU/HR WICKES NATURAL GAS-FIRED BOILER WITH A INDUSTRIAL COMBUSTION/NATCOM MODEL PF NTD 252GX9S-8 ULTRA-LOW NOX BURNER AND FLUE GAS RECIRCULATION

N-1787-6-4: ONE 68.5 MMBTU/HR NATIONAL DEHYDRATION DRYER, MODEL NO. 41499, SERIAL NUMBER AN3, SERVED BY A NATURAL GAS FIRED MAXON RG BURNER

¹ Since PAS requires the values to be entered in percentage, calculating PM2.5 percentage as PM2.5/PM10 yields the following per quarter: 1st quarter = 72.7%, 2nd quarter = 80.4%, 3rd quarter = 74.0%, 4th quarter = 77.4%.

N-1787-7-7: ONE (1) 71.5 MMBTU/HR MIDLAND AND ROSS THREE STAGE DEHYDRATION DRYER SERVED BY TWELVE (12) NATURAL GAS FIRED AMERICAN ZEPHYR BURNERS

N-1787-8-5: ONE (1) 38 MMBTU/HR NATURAL GAS FIRED PROCTOR AND SCHWARTZ DEHYDRATION DRYER (P & S 1), MODEL K23298

N-1787-9-6: 22.0 MMBTU/HR NATURAL GAS-FIRED PROCTOR AND SCHWARTZ DEHYDRATION DRYER (P&S 2) CONSISTING OF ONE 5.0 MMBTU/HR ECLIPSE RM500 BURNER, FOUR 2.0 MMBTU/HR ECLIPSE RM200 BURNERS, TWO 2.0 MMBTU/HR ECLIPSE MARK IV 200 BURNERS, FOUR 1.0 MMBTU/HR ECLIPSE RM100 BURNERS, AND ONE 1.0 MMBTU/HR ECLIPSE MARK IV 100 BURNER

N-1787-10-7: ONE 28 MMBTU/HR NATIONAL "KRAFT" DEHYDRATION DRYER, MODEL AN-3-46001, SERVED BY FOUR (4) MAXON OVENPAK BURNERS, MODEL 470M

N-1787-12-3: DRY PARSLEY PROCESSING OPERATION CONSISTING OF: PNEUMATIC CONVEYING SYSTEM; THE PARSLEY STEM/LEAF SEPARATOR SYSTEM; AND THE GRAVITY SEPARATION SYSTEM

N-1787-13-5: 63.0 MMBTU/HR CLEAVER BROOKS, MODEL CBL-700-1500, NATURAL GAS-FIRED BOILER WITH AN INDUSTRIAL COMBUSTION, MODEL NTS2-630, ULTRA LOW NOX BURNER AND A FLUE GAS RECIRCULATION SYSTEM

N-1787-14-5: VEGETABLE BRANDING AND ROASTING OPERATION CONSISTING OF A CONVEYORIZED BRANDING/ROASTING CHAMBER SERVED BY ONE 0.576 MMBTU/HR HEAT & CONTROL INC., MODEL RB-48-1, NATURAL GAS FIRED RIBBON BURNER AND FIVE 0.576 MMBTU/HR HEAT & CONTROL INC., MODEL SEAR-3F-2, NATURAL GAS FIRED RIBBON BURNERS

N-1787-15-4: CM2 VEGETABLE BRANDING AND ROASTING OPERATION CONSISTING OF A CONVEYORIZED BRANDING/ROASTING CHAMBER SERVED BY ONE 0.576 MMBTU/HR HEAT & CONTROL INC., MODEL RB-48-1, NATURAL GAS FIRED RIBBON BURNER AND FIVE 0.576 MMBTU/HR HEAT & CONTROL INC., MODEL SEAR-3F-2, NATURAL GAS FIRED RIBBON BURNERS

V. Calculations

A. Assumption:

- The results of all Historical Actual Emission (HAE) and Actual Emission Reduction (AER) calculations are rounded to the nearest whole number.

B. Emission factors:

N-1787-1-6 (Vegetable Milling and Granulating Operation):

PM10 is the only pollutant of concern emitted from this unit.

Process	Control Equipment	EF PM ₁₀ (Controlled)	Source
Whole Material Feed System	Cyclone	0.0042 lb-PM10/ton	PTO
Milling and Granulating	Baghouse	0.0420 lb-PM10/ton	PTO
Combine EF		0.0462 lb-PM10/ton	

N-1787-2-2: DEHYDRATED VEGETABLE BOXING EQUIPMENT

PM10 is the only pollutant of concern emitted from this unit; an emission factor of 0.69 lb-PM10/ton will be used. This emission factor has been used for emissions inventory since 2004 after it was proposed by the current facility to be reduced from 0.9 lb-PM10/ton to 0.69 lb-PM10/ton.

N-1787-4-7 (21.966 MMBtu/hr Boiler):

The following are emission factors from the current PTO N-1787-4-7 and source test results.

Pollutant	Emission Factor Natural Gas	Source	Source Test
NO _x	9 ppmvd @ 3% O ₂ (0.011 lb/MMBtu)	PTO	6.7 ppmvd @ 3% O ₂ (0.0081 lb/MMBtu) (8/14/13)
			7.6 ppmvd @ 3% O ₂ (0.0093 lb/MMBtu) (8/19/10)
SO _x	0.00285 lb/MMBtu	District Policy APR 1720 & PTO	N/A
PM10	0.0076 lb/MMBtu	PTO & AP-42 (07/98) Table 1.4-2	N/A
CO	0.074 lb/MMBtu	PTO	34.7 ppmvd @ 3% O ₂ (0.0257 lb/MMBtu) (8/14/13)
			3.5 ppmvd @ 3% O ₂ (0.0026 lb/MMBtu) (8/19/10)
VOC	0.0055 lb/MMBtu	PTO & AP-42 (07/98) Table 1.4-2	N/A

The source test emission rates result in the lowest emission rate for NO_x and CO. Therefore, the two most recent source test results will be averaged and used to calculate the quantity of NO_x and CO emissions available for banking:

EF NO_x = 0.0087 lb/MMBtu

EF CO = 0.01415 lb/MMBtu

N-1787-6-4 (68.5 MMBtu/hr Dehydration Dryer):
N-1787-7-7 (71.5 MMBtu/hr Dehydration Dryer):
N-1787-8-5 (38 MMBtu/hr Dehydration Dryer):
N-1787-9-6 (22 MMBtu/hr Dehydration Dryer):
N-1787-10-7 (28 MMBtu/hr Dehydration Dryer):

Since these units do not have emission limits and these units have never been source tested, in order to calculate the amount of emissions reduced by the shutdown of the units, an emission factor must be established. The available sources for emission factors are: source test results on similar units, AP-42 and permitted limits on other similar permits.

The emission factors for NO_x are summarized below including the data quality hierarchy pursuant to District Policy APR 1110, Use of Revised Generally Accepted Emission Factors:

Hierarchy	Emission Factor (lb/MMBtu)	Source
1	0.135	Average of source test results performed on similar dehydrators at Olam's Firebaugh facility C-7748 (formerly De Francesco & Sons C-412)
2	0.14	AP-42, Table 1.4-1 (7/98)
3	0.06	Permit limits on newer similar units

An emission factor of 0.135 lb/MMBtu will be used for this project since it ranks the highest in terms of quality pursuant to District Policy APR 1110 and is more conservative (i.e. lower) than the AP-42 emission factor.

The emission factor of 0.06 lb/MMBtu from newly permitted dehydrating units is dismissed since the units from which ERCs are being banked in this project were initially permitted over 22 years ago and were typically never tuned to reduce emissions since there were no emission limits on the permit that it needed to meet or requirements for tuning; additionally, modern burners have been redesigned for improved emissions performance to significantly lower NO_x and CO. Therefore, significantly lower emissions are expected and significantly lower emission factors are expected from modern burners that have been redesigned.

The emission factors for the other criteria pollutants, SO_x, PM₁₀, CO and VOC are summarized below:

Pollutant	Emission Factor Natural Gas	Source
SOx	0.00285 lb/MMBtu	District Policy APR 1720
PM10	0.0076 lb/MMBtu	AP-42 (07/98) Table 1.4-2
CO	0.0840 lb-CO/MMBtu	AP-42 (07/98) Table 1.4-2
VOC	0.0055 lb/MMBtu	AP-42 (07/98) Table 1.4-2

N-1787-12-3 (Dry Parsley Processing Operation):

PM10 is the only pollutant of concern emitted from this unit.

Process	Control Equipment	EF PM ₁₀ (Controlled)	Source
Pneumatic Conveying	Baghouse	0.179 lb-PM10/ton	PTO (based off of grain loading guarantee from manufacture)
Stem/Leaf Separation	Cyclone	0.003 lb-PM10/ton	
Gravity Table Separation	Cyclone	0.024 lb-PM10/ton	
Combined EF		0.206 lb-PM10/ton	

N-1787-13-5: (63.0 MMBtu/hr Boiler):

The following are emissions factors from the current PTO N-1787-13-5 and source test results.

Pollutant	Emission Factor Natural Gas	Source	Source Test
NOx	9 ppmvd @ 3% O ₂ (0.011 lb/MMBtu)	PTO	7.0 ppmvd @ 3% O ₂ (0.0085 lb/MMBtu) (8/15/14)
			5.9 ppmvd @ 3% O ₂ (0.0072 lb/MMBtu) (4/24/12)
			6.3 ppmvd @ 3% O ₂ (0.0076 lb/MMBtu) (8/7/08)
SOx	0.0007 lb/MMBtu	PTO to enforce reduction under ERC # C-57-5	N/A
PM10	0.006 lb/MMBtu	PTO to enforce reduction under ERC # C-57-4	N/A
CO	47 ppmvd @ 3% O ₂ (0.035 lb/MMBtu)	PTO to enforce reduction under ERC # C-22-3	0.1 ppmvd @ 3% O ₂ (0.0001 lb/MMBtu) (8/15/14)
			14.9 ppmvd @ 3% O ₂ (0.0110 lb/MMBtu) (4/24/12)
			3.1 ppmvd @ 3% O ₂ (0.0023 lb/MMBtu) (8/7/08)
VOC	0.004 lb/MMBtu	PTO	N/A

The source test emission rates result in the lowest emission rate for NOx and CO. Therefore, the two most recent source test results will be averaged and used to calculate the quantity of NOx and CO emissions available for banking:

EF NO_x = 0.00785 lb/MMBtu
EF CO = 0.00555 lb/MMBtu

N-1787-14-5 (3.456 MMBtu/hr Vegetable Branding and Roasting Operation):

N-1787-15-4 (3.456 MMBtu/hr Vegetable Branding and Roasting Operation):

Since these units have never been source tested, in order to calculate the amount of emissions reduced by the shutdown of the units, the emission factors available for NO_x must be analyzed. The available sources for emission factors are: source test results for other external combustion devices (dehydrators), AP-42 and permitted limits.

The emission factors for NO_x are summarized below:

Emission Factor (lb/MMBtu)	Source
0.011 lb/MMBtu (30 ppmvd @ 3% O₂)	Permitted limit
0.14	Average of source test results performed on dehydrators at Olam's Firebaugh facility C-7748 (formerly De Francesco & Sons C-412)
0.14	AP-42, Table 1.4-1 (7/98)

An emission factor of 0.011 lb/MMBtu will be used for this project since it is the lowest emission factor and the most conservative which yields the least amount of reductions.

The emission factors for the other criteria pollutants, SO_x, PM₁₀, CO and VOC are summarized below:

Pollutant	Emission Factor Natural Gas	Source
SO _x	0.00285 lb/MMBtu	District Policy APR 1720
PM ₁₀	0.0076 lb/MMBtu	AP-42 (07/98) Table 1.4-2
CO	0.0840 lb-CO/MMBtu	AP-42 (07/98) Table 1.4-2
VOC	0.0055 lb/MMBtu	AP-42 (07/98) Table 1.4-2

C. Baseline Period Determination:

Section 3.9 of District Rule 2201 defines the baseline period as "two consecutive years of operation immediately prior to the submission of the complete application" or "another time period of at least two consecutive years within the five years immediately prior to the submission of the complete application if it is more representative of normal source operation".

Since the applicant recently bought the facility (2010) and does not have records from before then, the applicant proposes to use the two consecutive years of operation immediately prior to the submission of the complete application that represents normal source operation.

The facility began shutting down operation in early 2015; therefore, operation in 2015 is not representative of normal source operation. The applicant proposed to use the previous quarter as the end of the baseline period which results in calendar years 2013-2014 as the baseline period.

D. Historical Actual Emissions (HAE)

Historical Actual Emissions (HAEs) are emissions that actually occurred during the baseline period, after discounting for

- Any emission reductions required or encumbered by any laws, rules, regulations, agreements, orders, or permits; and
- Any emissions reductions attributed to a control measure noticed for workshop, or proposed or contained in a State Implementation Plan, and
- Any emission reductions proposed in the District air quality plan for attaining the annual reductions required by the California Clean Air Act, and
- Any Actual Emissions in excess of those required or encumbered by any laws, rules, regulations, orders, or permits.

1. Applicable District Rules

Pursuant to District Rule 2201, 3.23, the HAE must be discounted for any emissions reductions required or encumbered by any laws, rules, regulations, agreements, orders, or permits.

There are no District Prohibitory Rules specifically applicable to the vegetable milling and granulating operation (N-1787-1), dehydrated vegetable boxing equipment operation (N-1787-2), parsley processing operation or the branding and roasting operations (N-1786-14 and -15).

The following Regulations specifically apply to boilers, N-1786-4 and -13, and must be considered for discounting:

SJVAPCD Rule 4320:

Advanced Emission Reduction Options for Boilers, Steam Generators, and Process Heaters Greater than 5.0 MMBtu/hr (10/16/08)

This rule limits NO_x emissions from boilers greater than 20 MMBtu/hr on the standard schedule to 7 ppmv @ 3% O₂ (0.008 lb/MMBtu) and 400 ppmv @ 3% O₂ (0.2956 lb/MMBtu) for NO_x and CO respectively. The historical actual emission factors were determined to be 0.0087 lb-NO_x/MMBtu, 0.01415 lb-CO/MMBtu for the 21.996 MMBtu/hr boiler (N-1787-4) and 0.00785 lb-NO_x/MMBtu, 0.00555 lb-CO/MMBtu for the 63.0 MMBtu/hr boiler (N-1787-13). Therefore, when calculating the historical actual emissions that are surplus of this Rule, the emission factor shall be **7 ppmv @ 3% O₂ (0.008 lb/MMBtu)** for the 21.996 MMBtu/hr (N-1787-4) boiler and the source tested value of 0.00785 lb-NO_x/MMBtu for the 63.0 MMBtu/hr boiler (N-1787-13).

40 CFR 60 Subpart Dc:

**Standards of Performance for Small Industrial-
Commercial-Industrial Steam Generators**

SOx Emission Standard:

Section 60.42c applies only to units that combust coal or oil. The subject emission units do not burn these fuels; therefore, this section does not apply.

Particulate Matter Emission Standard:

Section 60.43c applies only to units that combust coal, wood or oil. The subject emission units does not burn these fuels, therefore, this section does not apply.

Therefore, the Historical Actual Emissions will be surplus of this regulation.

With the adjustment to the NOx emission factor as described under SJVAPCD Rule 4320, the Historical Actual Emissions will be Surplus for the boilers.

The following Regulations specifically apply to the dehydrators, N-1786-6 through -10, and must be considered for discounting:

SJVAPCD Rule 4309:

Dryers, Dehydrators, and Ovens (12/15/05)

This rule only requires dehydrators to be fired on natural gas fuel and operated and maintained in accordance with the manufacturer's specifications (Section 5.1). The dehydrators were fired exclusively on natural gas and were operated and maintained in accordance with the manufacturer's specifications. Therefore, the Historical Actual Emissions will be calculated in such a manner that they are fully surplus from the requirements of this Rule.

2. State Implementation Plan (SIP)

Pursuant to District Rule 2201, 3.23, the HAE must be discounted for any emissions reductions attributed to a control measure noticed for workshop, or proposed or contained in a State Implementation Plan.

There are no control measures noticed for workshop, or proposed or contained in a State Implementation Plan applicable the sources in this project. Therefore, the Historical Actual Emissions will be calculated in such a manner that they are fully surplus.

3. District Air Quality Plan

Pursuant to District Rule 2201, 3.23, the HAE must be discounted for any emissions reductions proposed in the District air quality plan for attaining the annual reductions required by the California Clean Air Act.

Currently there are no emissions reductions proposed in any District air quality plans for attaining the annual reductions required by the California Clean Air Act.

4. Excess Emissions

Pursuant to District Rule 2201, 3.23, the HAE must be discounted for any Actual Emissions in excess of those required or encumbered by any laws, rules, regulations, orders, or permits.

There are no emissions in excess of those required or encumbered by any laws, rules, regulations, orders, or permits.

5. HAE Summary

Taking into consideration the only adjustment which is required for the boiler (N-1787-4) NO_x emissions, the HAE is calculated in Appendix III and summarized in the following table:

Pollutant	1 st Quarter (lb)	2 nd Quarter (lb)	3 rd Quarter (lb)	4 th Quarter (lb)
NO _x	1,978	5,916	11,713	6,295
SO _x	56	160	301	185
PM ₁₀	257	665	1,404	877
PM _{2.5}	187	534	1,039	678
CO	1,271	3,769	7,410	4,044
VOC	131	376	724	472

E. Actual Emissions Reductions

Per District Rule 2201, section 4.12, Actual Emissions Reductions (AER) shall be calculated, on a pollutant-by-pollutant basis, as follows:

$$\text{AER} = \text{HAE} - \text{PE2}$$

Where:

HAE = Historic Actual Emissions

PE2 = Post Project Potential to Emit

Since the units have been shut down, PE2 is equal to zero. Therefore, AER is equal to HAE.

F. Air Quality Improvement Deduction

Per District Rule 2201, section 4.12.1, prior to banking, AER shall be discounted by 10% for Air Quality Improvement Deduction. Therefore, the Air Quality Improvement Deduction for emissions from the permit unit is summarized in the following table:

Pollutant	1 st Quarter (lb)	2 nd Quarter (lb)	3 rd Quarter (lb)	4 th Quarter (lb)
NO _x	198	592	1,171	630
SO _x	6	16	30	19
PM ₁₀	26	67	140	88
PM _{2.5}	19	53	104	68
CO	127	377	741	404
VOC	13	38	72	47

G. Bankable Emissions Reductions

The bankable emissions reductions are determined by subtraction of the air quality improvement deduction from the Actual Emissions Reductions. The bankable ERC of this unit is summarized in the table below:

Pollutant	1 st Quarter (lb)	2 nd Quarter (lb)	3 rd Quarter (lb)	4 th Quarter (lb)
NO _x	1,780	5,324	10,542	5,665
SO _x	50	144	271	166
PM ₁₀	231	598	1,264	789
PM _{2.5}	168	481	935	610
CO	1,144	3,392	6,669	3,640
VOC	118	338	652	425

VI. Compliance

To comply with the definition of Actual Emissions Reductions (Rule 2201, Section 3.2.1), the reduction must be:

A. Real

The emissions reductions are real since the reductions were generated by permanent shutdown the entire vegetable processing and dehydration plant.

B. Enforceable

The reductions are enforceable since the permits for the vegetable processing and dehydration plant have been surrendered to the District. Operating the equipment without permits would result in enforcement action being taken.

C. Quantifiable

The reductions are quantifiable since the reductions were calculated utilizing District-approved emission factors, and the actual baseline period production and natural gas usage.

D. Permanent

The vegetable processing and dehydration facility has been shutdown (except for an emergency IC engine powering a firewater pump), and the PTOs have been surrendered. As discussed in Section I of this evaluation, some of the equipment will be transferred to Olam's Firebaugh facility. Offsets will be provided by the new facility; therefore, the emissions reductions can be considered permanent.

E. Surplus

Shutdown of the facility (except the emergency IC engine) was not required by any law, rule, agreement, or regulation. As of the date this application was deemed complete, there are no known future rules or regulations that would have required any portion of these reductions. Therefore, the reductions are surplus.

F. Not used for the approval of an Authority to Construct or as Offsets

The ERCs generated by permanent shutdown of the entire facility (except the emergency IC engine) were not used in the approval of an Authority to Construct or as offsets for any projects at the facility.

G. Timely Submittal

Pursuant to District Rule 2301, Section 4.2, in order to deem emissions reductions eligible for banking, an application for ERC has been filed no later than 180 days after the emissions reductions occurred.

Emissions from the surrendered permits permanently ceased on August 5, 2015 as this is the date the permits were surrendered. The emissions reduction banking application was received on August 28, 2015. Therefore, the application was received within 180 days of the date the reductions occurred. The ERC application was filed in a timely manner.

VII. Recommendation

Pending a successful public noticing period, issue Emission Reduction Credit Certificates to Olam for NO_x, SO_x, PM₁₀, CO, and VOC in the following amounts:

Pollutant	1st Quarter (lb)	2nd Quarter (lb)	3rd Quarter (lb)	4th Quarter (lb)	Total (lb)
NO _x	1,780	5,324	10,542	5,665	23,311
SO _x	50	144	271	166	631
PM ₁₀	231	598	1,264	789	2,882
PM _{2.5}	168	481	935	610	2,194
CO	1,144	3,392	6,669	3,640	14,845
VOC	118	338	652	425	1,533

Appendices

Appendix I	Surrendered Permits to Operate
Appendix II	Quarterly Fuel Use & Product Throughputs and Raw Data Provided by Applicant
Appendix III	Historical Actual Emissions Calculations
Appendix IV	Draft Emissions Reduction Credit Certificates

Appendix I

Surrendered Permit to Operate

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-1787-1-3

EXPIRATION DATE: 07/31/2019

EQUIPMENT DESCRIPTION:

VEGETABLE MILLING AND GRANULATING OPERATION CONSISTING OF THE MATERIAL FEED SYSTEM, THE MILLING SYSTEM VENTED TO A DONALDSON CO DUST COLLECTOR, MODEL 4 DF-32, AND A GRANULATING SYSTEM

PERMIT UNIT REQUIREMENTS

1. The whole material feed system serving the milling and granulating operation consists of a material feed hopper, a feed cyclone, and a Sutorbilt pneumatic conveying blower with a cartridge filter system. [District NSR Rule] Federally Enforceable Through Title V Permit
2. The milling system consists of a feed auger served by the feed cyclone, a Bauermeister model UT32 hammermill, a Fisher Klosterman model XQ340-8.5 powder cyclone, a Mucon model 300 F sifter serving a packout auger with a dust hood. [District NSR Rule] Federally Enforceable Through Title V Permit
3. The granulating system consists of: a Urschel granulator served by the feed cyclone; a Sweco sifter serving the overs tote, the fines tote, and the packout auger and packaging station with a dust hood. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Particulate matter emissions from any single source operation shall be no more than 0.1 gr/dscf and visible emissions from any single emission point shall be less than 20% opacity. [District Rules 4101 and 4201] Federally Enforceable Through Title V Permit
5. The Torit/Donaldson filter shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District NSR Rule] Federally Enforceable Through Title V Permit
6. Material removed from dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
7. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
8. There shall be no visible emissions from the dust collectors. [District NSR Rule] Federally Enforceable Through Title V Permit
9. The amount of material received and processed shall not exceed 24 tons in any one day. [District NSR Rule] Federally Enforceable Through Title V Permit
10. The PM10 emissions concentration from the whole material feed cyclone system shall not exceed 0.0042 lbs per ton of material throughput. [District NSR Rule] Federally Enforceable Through Title V Permit
11. The PM10 emissions concentration from the milling and granulating operations shall not exceed 0.042 lbs per ton of material throughput. [District NSR Rule] Federally Enforceable Through Title V Permit
12. A daily log shall be kept on the premises showing the amount of material received and processed. [District NSR Rule] Federally Enforceable Through Title V Permit
13. All records shall be retained for a minimum of five years, and shall be made available for District inspection upon request. [District Rule 1070 and 2520, 9.4.2] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

14. The Torit/Donaldson dust collector's pressure drop shall be observed and recorded monthly during operation of this unit. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
15. Visible emissions shall be inspected annually during operation. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
16. Dust collection system shall be completely inspected annually while in operation for evidence of particulate matter leaks and repaired as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
17. Dust collector filters shall be thoroughly inspected annually for tears, scuffs, abrasions, holes, or any evidence of particulate matter leaks and shall be replaced as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
18. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
19. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 (amended 12/17/1992) using the equation $E=3.59 \times P^{0.62}$ if P is less than or equal to 30 tons per hour, or $E=17.31 \times P^{0.16}$ if P is greater than 30 tons per hour. [District Rule 4202] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-1787-2-2

EXPIRATION DATE: 07/31/2019

EQUIPMENT DESCRIPTION:
DEHYDRATED VEGETABLE BOXING EQUIPMENT

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 (amended 12/17/1992) using the equation $E=3.59 \times P^{0.62}$ if P is less than or equal to 30 tons per hour, or $E=17.31 \times P^{0.16}$ if P is greater than 30 tons per hour. [District Rule 4202] Federally Enforceable Through Title V Permit
2. A daily log showing the amount of material processed shall be maintained. Records shall be retained on-site for a minimum of five years and made available for District inspection upon request. [District Rule 2520, 9.3.2, 9.4.2] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-1787-4-7

EXPIRATION DATE: 07/31/2019

EQUIPMENT DESCRIPTION:

21.966 MMBTU/HR WICKES NATURAL GAS-FIRED BOILER WITH A INDUSTRIAL COMBUSTION/NATCOM MODEL PF NTD 252GX9S-8 ULTRA-LOW NOX BURNER AND FLUE GAS RECIRCULATION

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. The unit shall only be fired on PUC-regulated natural gas. [District Rule 2201] Federally Enforceable Through Title V Permit
3. Except during start-up and shutdown, emissions from the natural gas-fired unit shall not exceed any of the following limits: 9 ppmvd NOx @ 3% O2 or 0.011 lb-NOx/MMBtu, 0.00285 lb-SOx/MMBtu, 0.0076 lb-PM10/MMBtu, 100 ppmvd CO @ 3% O2 or 0.074 lb-CO/MMBtu, or 0.0055 lb-VOC/MMBtu. [District Rules 2201, 4305, and 4306, 5.1.1] Federally Enforceable Through Title V Permit
4. During start-up and shutdown, emissions from the natural gas-fired unit shall not exceed any of the following limits: 50 ppmvd NOx @ 3% O2 or 0.061 lb-NOx/MMBtu, 0.00285 lb-SOx/MMBtu, 0.0076 lb-PM10/MMBtu, 400 ppmvd CO @ 3% O2 or 0.296 lb-CO/MMBtu, or 0.0055 lb-VOC/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
5. The duration of each start-up shall not exceed two hours. Start-up is defined as the period of time during which a unit is brought from a shutdown status to its operating temperature and pressure, including the time required by the unit's emission control system to reach full operation. [District Rules 4305, 5.5.6.1 and 4306, 5.3.1] Federally Enforceable Through Title V Permit
6. The duration of each shutdown shall not exceed one hour. Shutdown is defined as the period of time during which a unit is taken from an operational to a non-operational status by allowing it to cool down from its operating temperature to ambient temperature as the fuel supply to the unit is completely turned off. [District Rules 4305, 5.5.6.1 and 4306, 5.3.1] Federally Enforceable Through Title V Permit
7. Pursuant to Rule 4320, beginning in 2010 the operator shall pay an annual emission fee to the District for NOx emissions from this unit for the previous calendar year. Payments are due by July 1 of each year. Payments shall continue annually until either the unit is permanently removed from service in the District or the operator demonstrates compliance with the applicable NOx emission limit listed in Rule 4320. [District Rule 4320]
8. The emission control system shall be in operation and emissions shall be minimized insofar as technologically feasible during start-up or shutdown. [District Rules 4305, 5.5.6.2 and 4306, 5.3.2] Federally Enforceable Through Title V Permit
9. All alternate monitoring parameter emission readings shall be taken with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. The analyzer shall be calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations or a protocol approved by the APCO. Emission readings taken shall be averaged over a 15 consecutive-minute period by either taking a cumulative 15 consecutive-minute sample reading or by taking at least five (5) readings, evenly spaced out over the 15 consecutive-minute period. [District Rules 4305 and 4306, 5.4.4] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

10. The permittee shall monitor and record the stack concentration of NO_x, CO, and O₂ at least once every month (in which a source test is not performed) using a portable emission monitor that meets District specifications. Monitoring shall not be required if the unit is not in operation, i.e. the unit need not be started solely to perform monitoring. Monitoring shall be performed within 5 days of restarting the unit unless monitoring has been performed within the last month. [District Rules 4305 and 4306, 5.4.2] Federally Enforceable Through Title V Permit
11. If either the NO_x or CO concentrations corrected to 3% O₂, as measured by the portable analyzer, exceed the allowable emissions concentration, the permittee shall return the emissions to within the acceptable range as soon as possible, but no longer than 1 hour of operation after detection. If the portable analyzer readings continue to exceed the allowable emissions concentration after 1 hour of operation after detection, the permittee shall notify the District within the following 1 hour and conduct a certified source test within 60 days of the first exceedance. In lieu of conducting a source test, the permittee may stipulate a violation has occurred, subject to enforcement action. The permittee must then correct the violation, show compliance has been re-established, and resume monitoring procedures. If the deviations are the result of a qualifying breakdown condition pursuant to Rule 1100, the permittee may fully comply with Rule 1100 in lieu of the performing the notification and testing required by this condition. [District Rules 4305 and 4306, 5.4.2] Federally Enforceable Through Title V Permit
12. The permittee shall maintain records of: (1) the date and time of NO_x, CO, and O₂ measurements, (2) the O₂ concentration in percent and the measured NO_x and CO concentrations corrected to 3% O₂, (3) make and model of exhaust gas analyzer, (4) exhaust gas analyzer calibration records, and (5) a description of any corrective action taken to maintain the emissions within the acceptable range. [District Rules 4305 and 4306, 5.4.2] Federally Enforceable Through Title V Permit
13. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified at least 30 days prior to any compliance source test, and a source test plan must be submitted for approval at least 15 days prior to testing. [District Rule 1081] Federally Enforceable Through Title V Permit
14. Source testing to measure natural gas-combustion NO_x and CO emissions from this unit shall be conducted at least once every twelve (12) months. After demonstrating compliance on two (2) consecutive annual source tests, the unit shall be tested not less than once every thirty-six (36) months. If the result of the 36-month source test demonstrates that the unit does not meet the applicable emission limits, the source testing frequency shall revert to at least once every twelve (12) months. [District Rules 4305 and 4306, 6.3] Federally Enforceable Through Title V Permit
15. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081] Federally Enforceable Through Title V Permit
16. NO_x emissions for source test purposes shall be determined using EPA Method 7E or ARB Method 100 on a ppmv basis, or EPA Method 19 on a heat input basis. [District Rules 4305 and 4306, 6.2] Federally Enforceable Through Title V Permit
17. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rules 4305 and 4306, 6.2] Federally Enforceable Through Title V Permit
18. Stack gas oxygen (O₂) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rules 4305 and 4306, 6.2] Federally Enforceable Through Title V Permit
19. The source test plan shall identify which basis (ppmv or lb/MMBtu) will be used to demonstrate compliance. [District Rules 4305 and 4306, 5.5.1] Federally Enforceable Through Title V Permit
20. All emissions measurements shall be made with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. No determination of compliance shall be established within two hours after a continuous period in which fuel flow to the unit is shut off for 30 minutes or longer, or within 30 minutes after a re-ignition as defined in Section 3.0 of District Rule 4306. [District Rules 4305 and 4306, 5.5.2] Federally Enforceable Through Title V Permit
21. For emissions source testing, the arithmetic average of three 30-consecutive-minute test runs shall apply. If two of three runs are above an applicable limit the test cannot be used to demonstrate compliance with an applicable limit. [District Rules 4305 and 4306, 5.5.5] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE
These terms and conditions are part of the Facility-wide Permit to Operate.

22. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following requirements: SJVUAPCD Rule 4201, 4301, 4305, and 4351. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
23. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following requirements: SJVUAPCD Rule 1081, and County Rules 108 (Kings), 108.1 (Fresno, Merced, San Joaquin, Tulare, Kern, and Stanislaus), and 110 (Madera). [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
24. The requirements of 40 CFR 72.6(b) are not applicable because this is not an affected unit under the acid rain provisions. The requirements of 40 CFR 60.40c do not apply to this source because it is not used to produce electricity for sale. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
25. On and after July 1, 2010, the permittee shall submit an analysis showing the fuel's sulfur content at least once every year. Valid purchase contracts, supplier certifications, tariff sheets, or transportation contracts may be used to satisfy this requirement, provided they establish the fuel parameters mentioned above. [District Rule 4320]
26. Operator shall maintain copies of natural gas fuel invoices. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
27. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rules 1070, 4305, and 4306, 6.1] Federally Enforceable Through Title V Permit
28. Permittee shall maintain records of duration of each start-up and shutdown. [District Rule 4603, 6.1.4] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-1787-6-4

EXPIRATION DATE: 07/31/2019

EQUIPMENT DESCRIPTION:

ONE 68.5 MMBTU/HR NATIONAL DEHYDRATION DRYER, MODEL NO. 41499, SERIAL NUMBER AN3, SERVED BY A NATURAL GAS FIRED MAXON RG BURNER

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. The unit shall only be fired on PUC regulated natural gas. [District Rules 2201 and 2520, 9.1] Federally Enforceable Through Title V Permit
3. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. [District Rule 4801 and Stanislaus County Rule 407] Federally Enforceable Through Title V Permit
4. Visible emissions shall be observed once per calendar quarter during operation. Any indication of potential visible emissions in excess of the limits of Rule 4101 shall be corrected within 24 hours. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
5. The dehydrator shall be operated and maintained in proper operating condition as recommended by the dehydrator's manufacturer or APCO-approved alternative procedures. [District Rule 4309] Federally Enforceable Through Title V Permit
6. A copy of the manufacturer's operation specifications and maintenance instruction manual or APCO-approved alternative procedures shall be maintained on-site during normal business hours. [District Rule 4309] Federally Enforceable Through Title V Permit
7. Permittee shall maintain records which demonstrate the dehydrator is fired exclusively on PUC regulated natural gas. [District Rule 4309] Federally Enforceable Through Title V Permit
8. Permittee shall maintain daily operation and maintenance records that demonstrate the dehydrator is operated within the limits of the manufacturer's specification, and maintenance is performed according to the manufacturer's recommendation or APCO-approved alternative procedures. [District Rule 4309] Federally Enforceable Through Title V Permit
9. Daily throughput records shall be maintained. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
10. Operator shall maintain copies of all gas fuel invoices. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
11. Records of inspections and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
12. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rules 1070 and 4309] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-1787-7-4

EXPIRATION DATE: 07/31/2019

EQUIPMENT DESCRIPTION:

ONE (1) 71.5 MMBTU/HR MIDLAND AND ROSS THREE STAGE DEHYDRATION DRYER SERVED BY TWELVE (12) NATURAL GAS FIRED AMERICAN ZEPHYR BURNERS.

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. The unit shall only be fired on PUC regulated natural gas. [District Rules 2201 and 2520, 9.1] Federally Enforceable Through Title V Permit
3. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. [District Rule 4801 and Stanislaus County Rule 407] Federally Enforceable Through Title V Permit
4. Visible emissions shall be observed once per calendar quarter during operation. Any indication of potential visible emissions in excess of the limits of Rule 4101 shall be corrected within 24 hours. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
5. The dehydrator shall be operated and maintained in proper operating condition as recommended by the dehydrator's manufacturer or APCO-approved alternative procedures. [District Rule 4309] Federally Enforceable Through Title V Permit
6. A copy of the manufacturer's operation specifications and maintenance instruction manual or APCO-approved alternative procedures shall be maintained on-site during normal business hours. [District Rule 4309] Federally Enforceable Through Title V Permit
7. Permittee shall maintain records which demonstrate the dehydrator is fired exclusively on PUC regulated natural gas. [District Rule 4309] Federally Enforceable Through Title V Permit
8. Permittee shall maintain daily operation and maintenance records that demonstrate the dehydrator is operated within the limits of the manufacturer's specification, and maintenance is performed according to the manufacturer's recommendation or APCO-approved alternative procedures. [District Rule 4309] Federally Enforceable Through Title V Permit
9. Daily throughput records shall be maintained. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
10. Operator shall maintain copies of all gas fuel invoices. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
11. Records of inspections and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
12. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rules 1070 and 4309] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-1787-8-5

EXPIRATION DATE: 07/31/2019

EQUIPMENT DESCRIPTION:

ONE (1) 38 MMBTU/HR NATURAL GAS FIRED PROCTOR AND SCHWARTZ DEHYDRATION DRYER (P & S 1),
MODEL K23298

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. The unit shall only be fired on PUC regulated natural gas. [District Rules 2201 and 2520, 9.1] Federally Enforceable Through Title V Permit
3. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. [District Rule 4801 and Stanislaus County Rule 407] Federally Enforceable Through Title V Permit
4. Visible emissions shall be observed once per calendar quarter during operation. Any indication of potential visible emissions in excess of the limits of Rule 4101 shall be corrected within 24 hours. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
5. The dehydrator shall be operated and maintained in proper operating condition as recommended by the dehydrator's manufacturer or APCO-approved alternative procedures. [District Rule 4309] Federally Enforceable Through Title V Permit
6. A copy of the manufacturer's operation specifications and maintenance instruction manual or APCO-approved alternative procedures shall be maintained on-site during normal business hours. [District Rule 4309] Federally Enforceable Through Title V Permit
7. Permittee shall maintain records which demonstrate the dehydrator is fired exclusively on PUC regulated natural gas. [District Rule 4309] Federally Enforceable Through Title V Permit
8. Permittee shall maintain daily operation and maintenance records that demonstrate the dehydrator is operated within the limits of the manufacturer's specification, and maintenance is performed according to the manufacturer's recommendation or APCO-approved alternative procedures. [District Rule 4309] Federally Enforceable Through Title V Permit
9. Daily throughput records shall be maintained. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
10. Operator shall maintain copies of all gas fuel invoices. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
11. Records of inspections and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
12. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rules 1070 and 4309] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-1787-9-6

EXPIRATION DATE: 07/31/2019

EQUIPMENT DESCRIPTION:

22.0 MMBTU/HR NATURAL GAS-FIRED PROCTOR AND SCHWARTZ DEHYDRATION DRYER (P&S 2) CONSISTING OF ONE 5.0 MMBTU/HR ECLIPSE RM500 BURNER, FOUR 2.0 MMBTU/HR ECLIPSE RM200 BURNERS, TWO 2.0 MMBTU/HR ECLIPSE MARK IV 200 BURNERS, FOUR 1.0 MMBTU/HR ECLIPSE RM100 BURNERS, AND ONE 1.0 MMBTU/HR ECLIPSE MARK IV 100 BURNER.

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. The unit shall only be fired on PUC regulated natural gas. [District Rules 2201 and 2520, 9.1] Federally Enforceable Through Title V Permit
3. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. [District Rule 4801 and Stanislaus County Rule 407] Federally Enforceable Through Title V Permit
4. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation $E=3.59 \times P^{0.62}$ if P is less than or equal to 30 tons per hour, or $E=17.31 \times P^{0.16}$ if P is greater than 30 tons per hour. [District Rule 4202] Federally Enforceable Through Title V Permit
5. Visible emissions shall be observed once per calendar quarter during operation. Any indication of potential visible emissions in excess of the limits of Rule 4101 shall be corrected within 24 hours. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
6. The dehydrator shall be operated and maintained in proper operating condition as recommended by the dehydrator's manufacturer or APCO-approved alternative procedures. [District Rule 4309] Federally Enforceable Through Title V Permit
7. A copy of the manufacturer's operation specifications and maintenance instruction manual or APCO-approved alternative procedures shall be maintained on-site during normal business hours. [District Rule 4309] Federally Enforceable Through Title V Permit
8. Permittee shall maintain records which demonstrate the dehydrator is fired exclusively on PUC regulated natural gas. [District Rule 4309] Federally Enforceable Through Title V Permit
9. Permittee shall maintain daily operation and maintenance records that demonstrate the dehydrator is operated within the limits of the manufacturer's specification, and maintenance is performed according to the manufacturer's recommendation or APCO-approved alternative procedures. [District Rule 4309] Federally Enforceable Through Title V Permit
10. Daily throughput records shall be maintained. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
11. Operator shall maintain copies of all gas fuel invoices. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

Facility Name: OLAM

Location: 705 E WHITMORE AVE, MODESTO, CA 95358-9408

N-1787-9-6 : Nov 7 2014 10 40AM - AJYABEIJ

12. Records of inspections and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
13. The permittee shall maintain operational records indicating each day the dehydrator is operated. [District Rule 4309] Federally Enforceable Through Title V Permit
14. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rules 1070 and 4309] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-1787-10-4

EXPIRATION DATE: 07/31/2019

EQUIPMENT DESCRIPTION:

ONE 28 MMBTU/HR NATIONAL "KRAFT" DEHYDRATION DRYER, MODEL AN-3-46001, SERVED BY FOUR (4) MAXON OVENPAK BURNERS, MODEL 470M

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. The unit shall only be fired on PUC regulated natural gas. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
3. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. [District Rule 4801 and Stanislaus County Rule 407] Federally Enforceable Through Title V Permit
4. Daily emissions from the natural gas-fired unit shall not exceed any of the following limits: 94.1 lb-NO_x/day, 0.4 lb-SO_x/day, 3.0 lb-PM₁₀/day, 23.5 lb-CO/day, or 4.9 lb-VOC/day. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Visible emissions shall be observed once per calendar quarter during operation. Any indication of potential visible emissions in excess of the limits of Rule 4101 shall be corrected within 24 hours. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
6. The dehydrator shall be operated and maintained in proper operating condition as recommended by the dehydrator's manufacturer or APCO-approved alternative procedures. [District Rule 4309] Federally Enforceable Through Title V Permit
7. A copy of the manufacturer's operation specifications and maintenance instruction manual or APCO-approved alternative procedures shall be maintained on-site during normal business hours. [District Rule 4309] Federally Enforceable Through Title V Permit
8. Permittee shall maintain records which demonstrate the dehydrator is fired exclusively on PUC regulated natural gas. [District Rule 4309] Federally Enforceable Through Title V Permit
9. Permittee shall maintain daily operation and maintenance records that demonstrate the dehydrator is operated within the limits of the manufacturer's specification, and maintenance is performed according to the manufacturer's recommendation or APCO-approved alternative procedures. [District Rule 4309] Federally Enforceable Through Title V Permit
10. Daily throughput records shall be maintained. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
11. Operator shall maintain copies of all gas fuel invoices. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

Facility Name: OLAM

Location: 705 E WHITMORE AVE, MODESTO, CA 95358-9408

N-1787-10-4 : Nov 7 2014 10:40AM - AJYABEIJ

12. Records of inspections and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
13. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rules 1070 and 4309] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-1787-12-4

EXPIRATION DATE: 07/31/2019

EQUIPMENT DESCRIPTION:

DRY PARSLEY PROCESSING OPERATION CONSISTING OF: PNEUMATIC CONVEYING SYSTEM; THE PARSLEY STEM/LEAF SEPARATOR SYSTEM; AND THE GRAVITY SEPARATION SYSTEM

PERMIT UNIT REQUIREMENTS

1. The pneumatic conveying system consists of 2 brush reels, an aspirator, parsley hopper and associated pneumatic conveying equipment. This system is vented to a MAC model 36FRB7 dust collector. [District Rule 2201] Federally Enforceable Through Title V Permit
2. The parsley stem/leaf separator system consists of 6 Accordant rotary separators and 8 conveyor transfer points with dust collection hoods vented to a Torit 32-60 cyclone. [District Rule 2201] Federally Enforceable Through Title V Permit
3. The gravity separation system consists of six Oliver destoners each with a dust collection hood, 2 feed shakers, associated conveyor transfer pickup hoods vented to a 60" high efficiency cyclone. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The MAC dust collector shall be equipped with a pressure differential gauge to indicate the pressure drop across the filters. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District Rule 2201] Federally Enforceable Through Title V Permit
5. A spare bag shall be kept at the premises for the MAC dust collector. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Material removed from the dust collectors shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The cleaning frequency and duration of each dust collector shall be adjusted to optimize the control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
9. Visible emissions from the exhaust of the Mac dust collector serving the pneumatic conveying system shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in any one hour. [District Rule 4101] Federally Enforceable Through Title V Permit
10. The quantity of material processed shall not exceed 42 tons during any one day, [District Rule 2201] Federally Enforceable Through Title V Permit
11. The PM10 emissions shall not exceed 0.179 pounds per ton of material processed from the pneumatic conveying system served by the MAC dust collector. [District Rule 2201] Federally Enforceable Through Title V Permit
12. The PM10 emissions shall not exceed 0.003 pounds per ton of material processed from the parsley stem/leaf separation system served by Torit cyclone. [District Rule 2201] Federally Enforceable Through Title V Permit
13. The PM10 emissions shall not exceed 0.024 pounds per ton of material processed from the gravity table and dust hoods system served by the 42" high efficiency cyclone. [District Rule 2201] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

14. A daily log shall be maintained on the premises indicating the amount of material processed. [District Rule 2201] Federally Enforceable Through Title V Permit
15. All records shall be retained for a minimum of five years, and shall be made available for District inspection upon request. [District Rule 1070 and 2520, 9.4.2] Federally Enforceable Through Title V Permit
16. The MAC dust collector's pressure drop shall be observed and recorded monthly during operation of this unit. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
17. Visible emissions shall be inspected quarterly during operation. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
18. Dust collection system shall be completely inspected annually while in operation for evidence of particulate matter leaks and repaired as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
19. Dust collector filters shall be thoroughly inspected annually for tears, scuffs, abrasions, holes, or any evidence of particulate matter leaks and shall be replaced as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
20. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
21. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 (amended 12/17/1992) using the equation $E=3.59 \times P^{0.62}$ if P is less than or equal to 30 tons per hour, or $E=17.31 \times P^{0.16}$ if P is greater than 30 tons per hour. [District Rule 4202] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-1787-13-2

EXPIRATION DATE: 07/31/2019

EQUIPMENT DESCRIPTION:

63.0 MMBTU/HR CLEAVER BROOKS, MODEL CBL-700-1500, NATURAL GAS-FIRED BOILER WITH AN INDUSTRIAL COMBUSTION, MODEL NTS2-630, ULTRA LOW NOX BURNER AND A FLUE GAS RECIRCULATION SYSTEM

PERMIT UNIT REQUIREMENTS

1. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
2. Particulate matter emissions shall not exceed 0.1 grain/dscf at operating conditions, nor 0.1 grain/dscf calculated to 12% CO₂, nor 10 lb/hr. [District Rule 4201 and District Rule 4301, 5.1 and 5.2.3] Federally Enforceable Through Title V Permit
3. The unit shall only be fired on PUC-regulated natural gas. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Emissions from this natural gas-fired boiler shall not exceed 9 ppmvd NO_x @ 3% O₂ or 0.011 lb-NO_x/MMBtu. [District NSR Rule, 4305 and 4306] Federally Enforceable Through Title V Permit
5. Emissions from this natural gas-fired boiler shall not exceed 47 ppmvd CO @ 3% O₂ or 0.035 lb-CO/MMBtu. This performance based limit is to enforce the CO emission reductions granted by certificate N-22-3. [District NSR Rule, 2301, 4305 and 4306] Federally Enforceable Through Title V Permit
6. Emissions from this natural gas-fired boiler shall not exceed 0.004 lb-VOC/MMBtu. [District NSR Rule] Federally Enforceable Through Title V Permit
7. Emissions from this natural gas-fired boiler shall not exceed 0.006 lb-PM₁₀/MMBtu. This performance based limit is to enforce the PM₁₀ emission reductions granted by certificate N-57-4. [District NSR Rule and 2301] Federally Enforceable Through Title V Permit
8. Emissions from this natural gas-fired boiler shall not exceed 0.0007 lb-SO_x/MMBtu. This performance based limit is to enforce the SO_x emission reductions granted by certificate N-57-5. [District NSR Rule and 2301] Federally Enforceable Through Title V Permit
9. Pursuant to Rule 4320, beginning in 2010 the operator shall pay an annual emission fee to the District for NO_x emissions from this unit for the previous calendar year. Payments are due by July 1 of each year. Payments shall continue annually until either the unit is permanently removed from service in the District or the operator demonstrates compliance with the applicable NO_x emission limit listed in Rule 4320. [District Rule 4320]
10. All emissions measurements shall be made with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. No determination of compliance shall be established within two hours after a continuous period in which fuel flow to the unit is shut off for 30 minutes or longer, or within 30 minutes after a re-ignition as defined in Section 3.0 of District Rule 4306. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

11. Source testing to measure natural gas-combustion NO_x and CO emissions from this unit shall be conducted at least once every twelve (12) months. After demonstrating compliance on two (2) consecutive annual source tests, the unit shall be tested not less than once every thirty-six (36) months. If the result of the 36-month source test demonstrates that the unit does not meet the applicable emission limits, the source testing frequency shall revert to at least once every twelve (12) months. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
12. The source test plan shall identify which basis (ppmv or lb/MMBtu) will be used to demonstrate compliance. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
13. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified at least 30 days prior to any compliance source test, and a source test plan must be submitted for approval at least 15 days prior to testing. [District Rule 1081] Federally Enforceable Through Title V Permit
14. NO_x emissions for source test purposes shall be determined using EPA Method 7E or ARB Method 100 on a ppmv basis, or EPA Method 19 on a heat input basis. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
15. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
16. Stack gas oxygen (O₂) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
17. For emissions source testing, the arithmetic average of three 30-consecutive-minute test runs shall apply. If two of three runs are above an applicable limit the test cannot be used to demonstrate compliance with an applicable limit. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
18. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081] Federally Enforceable Through Title V Permit
19. The permittee shall monitor and record the stack concentration of NO_x, CO, and O₂ at least once every month (in which a source test is not performed) using a portable emission monitor that meets District specifications. Monitoring shall not be required if the unit is not in operation, i.e. the unit need not be started solely to perform monitoring. Monitoring shall be performed within 5 days of restarting the unit unless monitoring has been performed within the last month. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
20. If either the NO_x or CO concentrations corrected to 3% O₂, as measured by the portable analyzer, exceed the allowable emissions concentration, the permittee shall return the emissions to within the acceptable range as soon as possible, but no longer than 1 hour of operation after detection. If the portable analyzer readings continue to exceed the allowable emissions concentration after 1 hour of operation after detection, the permittee shall notify the District within the following 1 hour and conduct a certified source test within 60 days of the first exceedance. In lieu of conducting a source test, the permittee may stipulate a violation has occurred, subject to enforcement action. The permittee must then correct the violation, show compliance has been re-established, and resume monitoring procedures. If the deviations are the result of a qualifying breakdown condition pursuant to Rule 1100, the permittee may fully comply with Rule 1100 in lieu of the performing the notification and testing required by this condition. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
21. All alternate monitoring parameter emission readings shall be taken with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. The analyzer shall be calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations or a protocol approved by the APCO. Emission readings taken shall be averaged over a 15 consecutive-minute period by either taking a cumulative 15 consecutive-minute sample reading or by taking at least five (5) readings, evenly spaced out over the 15 consecutive-minute period. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
22. The permittee shall maintain records of: (1) the date and time of NO_x, CO, and O₂ measurements, (2) the O₂ concentration in percent and the measured NO_x and CO concentrations corrected to 3% O₂, (3) make and model of exhaust gas analyzer, (4) exhaust gas analyzer calibration records, and (5) a description of any corrective action taken to maintain the emissions within the acceptable range. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

23. On and after July 1, 2010, the permittee shall submit an analysis showing the fuel's sulfur content at least once every year. Valid purchase contracts, supplier certifications, tariff sheets, or transportation contracts may be used to satisfy this requirement, provided they establish the fuel parameters mentioned above. [District Rule 4320]
24. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rules 1070, 4305, and 4306] Federally Enforceable Through Title V Permit
25. Nitrogen oxide emissions shall not exceed 140 lb/hr, calculated as nitrogen dioxide (NO₂). [District Rule 4301] Federally Enforceable Through Title V Permit
26. Emissions of sulfur compounds from this unit shall not exceed 200 lb per hour, calculated as SO₂. To demonstrate compliance with this requirement the operator shall fire the unit only on PUC-regulated natural gas. [District Rule 4301, 5.2.1] Federally Enforceable Through Title V Permit
27. The concentration of sulfur compounds in the exhaust from this unit shall not exceed 0.2% by volume as measured on a dry basis over a 15 minute period. To demonstrate compliance with this requirement the operator shall fire the unit only on PUC-regulated natural gas. [Stanislaus County Rule 407] Federally Enforceable Through Title V Permit
28. A non-resettable, totalizing mass or volumetric fuel flow meter to measure the amount of fuel combusted in the unit shall be installed, utilized and maintained. [40 CFR 60.48 (c)(g)] Federally Enforceable Through Title V Permit
29. The permittee shall keep daily records of the amount of natural gas combusted for a period of five years, and shall make records available for inspection upon request. [District Rule 2520, 9.4.2, and 40 CFR 60.48 (c)(g)] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-1787-14-2

EXPIRATION DATE: 07/31/2019

EQUIPMENT DESCRIPTION:

VEGETABLE BRANDING AND ROASTING OPERATION CONSISTING OF A CONVEYORIZED BRANDING/ROASTING CHAMBER SERVED BY ONE 0.576 MMBTU/HR HEAT & CONTROL INC., MODEL RB-48-1, NATURAL GAS FIRED RIBBON BURNER AND FIVE 0.576 MMBTU/HR HEAT & CONTROL INC., MODEL SEAR-3F-2, NATURAL GAS FIRED RIBBON BURNERS

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
3. The vegetable brander/roaster shall be operated on natural gas only. [District NSR Rule] Federally Enforceable Through Title V Permit
4. A non-resettable, totalizing mass or volumetric fuel flow meter to measure the amount of natural gas combusted in the unit shall be installed, utilized and maintained. [District NSR Rule] Federally Enforceable Through Title V Permit
5. The NO_x emissions concentration from the vegetable brander/roaster shall not exceed 30 ppmvd @ 3% O₂. [District NSR Rule] Federally Enforceable Through Title V Permit
6. The CO emissions concentration from the vegetable brander/roaster shall not exceed 20 ppmvd @ 3% O₂. [District NSR Rule] Federally Enforceable Through Title V Permit
7. The PM₁₀ emissions from the vegetable brander/roaster shall not exceed 0.0076 pounds per MMBtu of heat input. [District NSR Rule] Federally Enforceable Through Title V Permit
8. The VOC emissions from the vegetable brander/roaster shall not exceed 0.0055 pounds per MMBtu of heat input. [District NSR Rule] Federally Enforceable Through Title V Permit
9. The SO_x emissions from the vegetable brander/roaster shall not exceed 0.00285 pounds per MMBtu of heat input. [District NSR Rule] Federally Enforceable Through Title V Permit
10. Annual heat input shall not exceed 30,240 MMBtu/year or 30,240,000 cubic feet/year. [District NSR Rule] Federally Enforceable Through Title V Permit
11. The permittee shall maintain a record of the cumulative annual heat input (in MMBtu or cubic feet of natural gas) from this permit unit. The cumulative total heat input shall be updated monthly. [District NSR Rule] Federally Enforceable Through Title V Permit
12. All records shall be retained for a period of at least 5 years and shall be made available for District inspection upon request. [District Rules 1070 and 2520, 9.4.2] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-1787-15-1

EXPIRATION DATE: 07/31/2019

EQUIPMENT DESCRIPTION:

CM2 VEGETABLE BRANDING AND ROASTING OPERATION CONSISTING OF A CONVEYORIZED BRANDING/ROASTING CHAMBER SERVED BY ONE 0.576 MMBTU/HR HEAT & CONTROL INC., MODEL RB-48-1, NATURAL GAS FIRED RIBBON BURNER AND FIVE 0.576 MMBTU/HR HEAT & CONTROL INC., MODEL SEAR-3F-2, NATURAL GAS FIRED RIBBON BURNERS

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
2. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
3. The vegetable brander/roaster shall be operated on natural gas only. [District Rule 2201] Federally Enforceable Through Title V Permit
4. A non-resettable, totalizing mass or volumetric fuel flow meter to measure the amount of natural gas combusted in the unit shall be installed, utilized and maintained. [District Rules 2201] Federally Enforceable Through Title V Permit
5. The NO_x emissions from the vegetable brander/roaster shall not exceed 30 ppmvd @ 3% O₂ or 0.0364 pounds per MMBtu of heat input. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The CO emissions from the vegetable brander/roaster shall not exceed 20 ppmvd @ 3% O₂ or 0.0148 pounds per MMBtu of heat input. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The PM₁₀ emissions from the vegetable brander/roaster shall not exceed 0.0076 pounds per MMBtu of heat input. [District Rule 2201] Federally Enforceable Through Title V Permit
8. The VOC emissions from the vegetable brander/roaster shall not exceed 0.0055 pounds per MMBtu of heat input. [District Rule 2201] Federally Enforceable Through Title V Permit
9. The SO_x emissions from the vegetable brander/roaster shall not exceed 0.00285 pounds per MMBtu of heat input. [District Rule 2201] Federally Enforceable Through Title V Permit
10. Annual heat input shall not exceed 29,860 MMBtu/year or 29,860,000 cubic feet/year. [District Rule 2201] Federally Enforceable Through Title V Permit
11. The permittee shall maintain a record of the cumulative annual heat input (in MMBtu or cubic feet of natural gas) from this permit unit (N-1787-15). The cumulative total heat input shall be updated monthly. [District Rule 2201] Federally Enforceable Through Title V Permit
12. All records shall be retained for a period of at least 5 years and shall be made available for District inspection upon request. [District Rule 1070] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

Appendix II

Quarterly Fuel Use & Product Throughput and Raw Data Provided by Applicant

Tabulation of Fuel Usage (MMBtu) by Unit and Quarter of Each Year

Permit Unit		2013					2014				
		1st qtr	2nd qtr	3rd qtr	4th qtr	Total	1st qtr	2nd qtr	3rd qtr	4th qtr	Total
N-1787-4	21.966 MMBtu/hr Wickes Boiler	4,174.00	7,313.00	7,090.00	8,586.00	27,163.00	3,234.00	8,166.00	11,525.00	12,818.00	35,743.00
N-1787-6	68.5 MMBtu/hr Dryer										
N-1787-7	71.5 MMBtu/hr Dryer										
N-1787-8	38.0 MMBtu/hr Dryer										
N-1787-9	22.0 MMBtu/hr Dryer	10,880.00	32,267.00	85,110.00	40,090.00	168,347.00	16,999.00	51,460.00	81,062.00	46,848.00	196,369.00
N-1787-10	28.0 MMBtu/hr Dryer										
N-1786-13	63.0 MMBtu/hr Boiler	0.00	0.00	27,006.00	5,644.00	32,650.00	6,413.00	0.00	27,697.00	21,293.00	55,403.00
N-1786-14	3.5 MMBtu/hr Roaster	0.23	0.09	0.10	0.22	0.65	0.11	0.15	0.14	1.80	2.20
N-1786-15	3.5 MMBtu/hr Roaster	0.00	0.01	0.00	0.03	0.04	0.00	0.00	0.04	0.75	0.79

Tabulation of Product Throughput (tons)

Permit Unit		2013				2014					
		1st qtr	2nd qtr	3rd qtr	4th qtr	Total	1st qtr	2nd qtr	3rd qtr	4th qtr	Total
N-1787-1	Vegetable Milling/Granulating Op	11.10	17.55	62.02	39.33	130.00	1.69	3.63	8.06	5.94	19.32
N-1786-2	Dehydrated Veg Boxing Equip	47.09	74.49	263.16	166.86	551.60	32.85	70.62	156.56	115.36	375.39
N-1786-12	Air Conveying System	221.54	350.42	1,238.03	875.01	2,685.00	210.29	452.11	1,002.27	738.53	2,403.20

MODESTO UTILITY READINGS			INDIVIDUAL BOILER GAS USAGE				METER ID 38462468			METER ID 45228722		
DATE	Elect. METER	KWH	WICKES METER	GAS MCF	CB	GAS MCF	BOILER GAS			DRYER GAS		TOTAL GAS mcf
					METER		BOILERS	METER	mcf	METER	mcf	
12/31/13	3977		890211		32739		592			851332		0
01/01/14	3981	24000	890211	0	32739	0	592	0		851334	2	0
01/02/14	3983	12000	890211	0	32739	0	592	0		851339	5	2
01/03/14	3983	0	890211	0	32739	0	592	0		851339	0	5
01/04/14	3983	0	890211	0	32739	0	592	0		851339	0	0
01/05/14	3983	0	890211	0	32739	0	592	0		851339	0	0
01/06/14	3990	42000	890211	0	33140	401	1142	550		851370	31	0
01/07/14	3993	18000	890211	0	33639	499	1651	509		851394	24	581
01/08/14	3996	18000	890211	0	34146	507	2154	503		851418	24	533
01/09/14	3999	18000	890211	0	34146	0	2658	504		851441	23	527
01/10/14	4002	18000	890211	0	34648	502	3169	511		851454	13	527
01/11/14	4002	0	890211	0	35150	502	3169	0		851454	0	524
01/12/14	4002	0	890211	0	35150	0	3169	0		851454	0	0
01/13/14	4010	48000	890211	0	35150	0	3765	596		851586	132	0
01/14/14	4015	30000	890211	0	35735	585	4278	513		851744	158	728
01/15/14	4019	24000	890211	0	36258	523	4679	401		851852	108	671
01/16/14	4022	18000	890211	0	36698	440	4963	284		851961	109	509
01/17/14	4024	12000	890211	0	37074	376	5033	70		851972	11	393
01/18/14	4024	0	890211	0	37152	78	5033	0		851972	0	81
01/19/14	4024	0	890211	0	37152	0	5033	0		851972	0	0
01/20/14	4028	24000	890211	0	37152	0	5033	0		851972	0	0
01/21/14	4030	12000	890211	0	37152	0	5189	156		851996	24	0
01/22/14	4033	18000	890211	0	37217	65	5213	24		852022	26	180
01/23/14	4036	18000	890211	0	37326	109	5321	108		852044	22	50
01/24/14	4039	18000	890211	0	37339	13	5327	6		852067	23	130
01/25/14	4039	0	890211	0	37434	95	5327	0		852067	0	29
01/26/14	4039	0	890211	0	37434	0	5327	0		852067	0	0
01/27/14	4045	36000	890211	0	37434	0	5421	94		852077	10	0
01/28/14	4047	12000	890211	0	37534	100	5509	88		852085	8	104
01/29/14	4050	18000	890211	0	37559	25	5599	90		852097	12	96
01/30/14	4055	30000	890211	0	37642	83	6036	437		852273	176	102
01/31/14	4057	12000	890211	0	38013	371	6193	157		852284	11	613
02/01/14	4059	12000	890211	0	38297	284	6193	0		852284	0	168
02/02/14	4061	12000	890211	0	38297	0	6193	0		852284	0	0
02/03/14	4064	18000	890211	0	38682	385	6681	488		852485	201	0
02/04/14	4066	12000	890211	0	38682	0	6681	0		852485	0	689
02/05/14	4068	12000	890211	0	38682	0	6681	0		852485	0	0
02/06/14	4070	12000	890211	0	38682	0	6681	0		852485	0	0
02/07/14	4072	12000	890211	0	38682	0	6681	0		852485	0	0
02/08/14	4073	6000	890211	0	38682	0	6681	0		852485	0	0
02/09/14	4075	12000	890211	0	38682	0	6681	0		852485	0	0
02/10/14	4077	12000	890239	28	39152	470	7091	410		852509	24	0
02/11/14	4079	12000	890265	26	39152	0	7126	35		852510	1	434
02/12/14	4081	12000	890266	1	39152	0	7129	3		852575	65	36
02/13/14	4083	12000	890293	27	39152	0	7166	37		852577	2	68
02/14/14	4085	12000	890293	0	39152	0	7166	0		852485	-92	39
02/15/14	4086	6000	890293	0	39152	0	7166	0		852485	0	-92
02/16/14	4088	12000	890293	0	39152	0	7166	0		852485	0	0
02/17/14	4089	6000	890293	0	39152	0	7166	0		852485	0	0
02/18/14	4090	6000	890293	0	39152	0	7166	0		852485	0	0
02/19/14	4091	6000	890293	0	39152	0	7166	0		852485	0	0
02/20/14	4092	6000	890293	0	39152	0	7166	0		852485	0	0
02/21/14	4094	12000	890345	52	39152	0	7240	74		852518	33	0
02/22/14	4098	24000	890345	0	39152	0	7240	0		852518	0	107
02/23/14	4101	18000	890345	0	39152	0	7240	0		852518	0	0
02/24/14	4105	24000	890478	133	39152	0	7422	182		852729	211	0
02/25/14	4111	36000	890598	120	39152	0	7584	162		853002	273	393
02/26/14	4116	30000	890728	130	39152	0	7757	173		853384	382	435
02/27/14	4121	30000	890773	45	39152	0	7817	60		853466	82	555
02/28/14	4125	24000	890818	45	39152	0	7877	60		853548	82	142
03/01/14	4126	6000	890818	0	39152	0	7877	0		853548	0	142
03/02/14	4127	6000	890818	0	39152	0	7877	0		853548	0	0

MODESTO UTILITY READINGS			INDIVIDUAL BOILER GAS USAGE				METER ID 38462468			METER ID 45228722		
DATE	Elect. METER	KWH	WICKES METER	GAS MCF	CB	GAS	BOILER GAS			DRYER GAS		TOTAL GAS
					METER	MCF	BOILERS	METER	mcf	METER	mcf	mcf
03/03/14	4129	12000	890962	144	39152	0		8077	200	853803	255	0
03/04/14	4134	30000	891077	115	39152	0		8235	158	854001	198	455
03/05/14	4140	36000	891200	123	39152	0		8396	161	854220	219	356
03/06/14	4145	30000	891321	121	39152	0		8559	163	854454	234	380
03/07/14	4151	36000	891459	138	39152	0		8742	183	854699	245	397
03/08/14	4157	36000	891578	119	39152	0		8900	158	854921	222	428
03/09/14	4163	36000	891708	130	39152	0		9072	172	855208	287	380
03/10/14	4167	24000	891820	112	39152	0		9223	151	855328	120	459
03/11/14	4170	18000	891902	82	39152	0		9335	112	855350	22	271
03/12/14	4173	18000	891981	79	39152	0		9465	130	855365	15	134
03/13/14	4176	18000	892057	76	39152	0		9539	74	855380	15	145
03/14/14	4179	18000	892118	61	39152	0		9632	93	855393	13	89
03/15/14	4181	12000	892118	0	39152	0		9632	0	855393	0	106
03/16/14	4183	12000	892118	0	39152	0		9632	0	855393	0	0
03/17/14	4186	18000	892258	140	39152	0		9819	187	855903	510	0
03/18/14	4190	24000	892382	124	39152	0		9983	164	856461	558	697
03/19/14	4195	30000	892511	129	39152	0		10154	171	856992	531	722
03/20/14	4199	24000	892638	127	39152	0		10322	168	857541	549	702
03/21/14	4201	12000	892638	0	39152	0		10322	0	857541	0	717
03/22/14	4203	12000	892638	0	39152	0		10322	0	857541	0	0
03/23/14	4205	12000	892638	0	39152	0		10322	0	857541	0	0
03/24/14	4211	36000	892849	211	39152	0		10611	289	857787	246	0
03/25/14	5217	6036000	893025	176	39152	0		10842	231	857853	66	535
03/26/14	4221	-5976000	893163	138	39152	0		11029	187	857914	61	297
03/27/14	4227	36000	893315	152	39152	0		11236	207	857980	66	248
03/28/14	4232	30000	893422	107	39152	0		11382	146	857541	-439	273
03/29/14	4233	6000	893422	0	39152	0		11382	0	857541	0	-293
03/30/14	4235	12000	893422	0	39152	0		11382	0	857541	0	0
03/31/14	4237	12000	893445	23	39152	0		11415	33	858059	518	0
04/01/14	4238	6000	893465	20	39152	0		11446	31	858066	7	551
04/02/14	4241	18000	893521	56	39152	0		11529	83	858086	20	38
04/03/14	4244	18000	893587	66	39152	0		11623	94	858103	17	103
04/04/14	4246	12000	893652	65	39152	0		11718	95	858123	20	111
04/05/14	4248	12000	893652	0	39152	0		11718	0	858123	0	115
04/06/14	4250	12000	893652	0	39152	0		11718	0	858123	0	0
04/07/14	4252	12000	893715	63	39152	0		11826	108	858135	12	0
04/08/14	4255	18000	893773	58	39152	0		11884	58	855150	-2985	120
04/09/14	4258	18000	893817	44	39152	0		11943	59	858160	3010	-2927
04/10/14	4260	12000	893855	38	39152	0		11991	48	858167	7	3069
04/11/14	4263	18000	893864	9	39152	0		12000	9	858167	0	55
04/12/14	4265	12000	893864	0	39152	0		12000	0	858167	0	9
04/13/14	4267	12000	893864	0	39152	0		12000	0	858167	0	0
04/14/14	4269	12000	893885	21	39152	0		12031	31	858193	26	0
04/15/14	4274	30000	893894	9	39152	0		12166	135	858514	321	57
04/16/14	4280	36000	894083	189	39152	0		12301	135	858818	304	456
04/17/14	4285	30000	894185	102	39152	0		12440	139	859164	346	439
04/18/14	4290	30000	894311	126	39152	0		12609	169	859676	512	485
04/19/14	4295	30000	894437	126	39152	0		12779	170	860216	540	681
04/20/14	4299	24000	894568	131	39152	0		12955	176	860734	518	710
04/21/14	4305	36000	894691	123	39152	0		13127	172	861307	573	694
04/22/14	4311	36000	894819	128	39152	0		13296	169	861901	594	745
04/23/14	4317	36000	894942	123	39152	0		13467	171	862443	542	763
04/24/14	4321	24000	895054	112	39152	0		13622	155	862856	413	713
04/25/14	4327	36000	895216	162	39152	0		13841	219	863255	399	568
04/26/14	4332	30000	895361	145	39152	0		14036	195	863768	513	618
04/27/14	4336	24000	895503	142	39152	0		14235	199	864286	518	708
04/28/14	4342	36000	895687	184	39152	0		14469	234	864780	494	717
04/29/14	4347	30000	895873	186	39152	0		14711	242	865296	516	728
04/30/14	4353	36000	896049	176	39152	0		14938	227	865776	480	758
05/01/14	4359	36000	896240	191	39152	0		15182	244	866269	493	707
05/02/14	4364	30000	896422	182	39152	0		15413	231	866729	460	737
05/03/14	4369	30000	896601	179	39152	0		15649	236	867227	498	691
05/04/14	4374	30000	896739	138	39152	0		15835	186	867712	485	734

MODESTO UTILITY READINGS			INDIVIDUAL BOILER GAS USAGE				METER ID 38462468			METER ID 45228722		
DATE	Elect.		WICKES METER	GAS MCF	CB METER	GAS MCF	BOILER GAS			DRYER GAS		TOTAL GAS mcf
	METER	KWH					BOILERS	METER	mcf	METER	mcf	
05/05/14	4378	24000	896842	103	39152	0		15977	142	867897	185	671
05/06/14	4384	36000	896971	129	39152	0		16148	171	868380	483	327
05/07/14	4392	48000	897174	203	39152	0		16412	264	868899	519	654
05/08/14	4400	48000	897365	191	39152	0		16660	248	869422	523	783
05/09/14	4406	36000	897502	137	39152	0		16843	183	869959	537	771
05/10/14	4411	30000	897648	146	39152	0		17037	194	870507	548	720
05/11/14	4416	30000	897786	138	39152	0		17220	183	871035	528	742
05/12/14	4424	48000	897966	180	39152	0		17453	233	871738	703	711
05/13/14	4432	48000	898139	173	39152	0		17676	223	872380	642	936
05/14/14	4437	30000	898247	108	39152	0		17820	144	872618	238	865
05/15/14	4444	42000	898371	124	39152	0		17983	163	872851	233	382
05/16/14	4450	36000	898484	113	39152	0		18132	149	873114	263	396
05/17/14	4454	24000	898605	121	39152	0		18293	161	873314	200	412
05/18/14	4459	30000	898748	143	39152	0		18483	190	873849	535	361
05/19/14	4465	36000	898856	108	39152	0		18679	196	874391	542	725
05/20/14	4471	36000	899031	175	39152	0		18860	181	874888	497	738
05/21/14	4476	30000	899172	141	39152	0		19047	187	875415	527	678
05/22/14	4482	36000	899313	141	39152	0		19233	186	875949	534	714
05/23/14	4488	36000	899451	138	39152	0		19415	182	876448	499	720
05/24/14	4493	30000	899589	138	39152	0		19604	189	876940	492	681
05/25/14	4497	24000	899734	145	39152	0		19785	181	877420	480	681
05/26/14	4502	30000	899874	140	39152	0		19966	181	877908	488	661
05/27/14	4508	36000	900022	148	39152	0		20160	194	878453	545	669
05/28/14	4513	30000	900167	145	39152	0		20353	193	878987	534	739
05/29/14	4513	0	900167	0	39152	0		20353	0	878987	0	727
05/30/14	4513	0	900167	0	39152	0		20353	0	878987	0	0
05/31/14	4513	0	900167	0	39152	0		20353	0	878987	0	0
06/01/14	4513	0	900167	0	39152	0		20353	0	878987	0	0
06/02/14	4543	180000	900828	661	39152	0		21230	877	880802	1815	0
06/03/14	4549	36000	900997	169	39152	0		21449	219	881418	616	2692
06/04/14	4555	36000	901138	141	39152	0		21631	182	881926	508	835
06/05/14	4561	36000	901290	152	39152	0		21833	202	882480	554	690
06/06/14	4567	36000	901417	127	39152	0		21999	166	883002	522	756
06/07/14	4567	0	901417	0	39152	0		21999	0	883002	0	688
06/08/14	4578	66000	901692	275	39152	0		22362	363	883963	961	0
06/09/14	4587	54000	901906	214	39152	0		22628	266	884589	626	1324
06/10/14	4595	48000	902071	165	39152	0		22843	215	885198	609	892
06/11/14	4601	36000	902210	139	39152	0		23025	182	885690	492	824
06/12/14	4607	36000	902334	124	39152	0		23190	165	886034	344	674
06/13/14	4613	36000	902440	106	39152	0		23334	144	886205	171	509
06/14/14	4619	36000	902555	115	39152	0		23489	155	886449	244	315
06/15/14	4623	24000	902660	105	39152	0		23630	141	886540	91	399
06/16/14	4629	36000	902795	135	39152	0		23811	181	887003	463	232
06/17/14	4635	36000	902942	147	39152	0		24006	195	887572	569	644
06/18/14	4642	42000	903115	173	39152	0		24228	222	888200	628	764
06/19/14	4651	54000	903321	206	39152	0		24489	261	888903	703	850
06/20/14	4658	42000	903476	155	39152	0		24688	199	889457	554	964
06/21/14	4663	30000	903621	145	39152	0		24879	191	890032	575	753
06/22/14	4663	0	903621	0	39152	0		24879	0	890032	0	766
06/23/14	4663	0	903621	0	39152	0		24879	0	890032	0	0
06/24/14	4663	0	903621	0	39152	0		24879	0	890032	0	0
06/25/14	4691	168000	904300	679	39152	0		25756	877	892301	2269	0
06/26/14	4695	24000	904365	65	39152	0		25846	90	892340	39	3146
06/27/14	4701	36000	904510	145	39152	0		26036	190	892872	532	129
06/28/14	4701	0	904510	0	39152	0		26036	0	892872	0	722
06/29/14	4712	66000	904797	287	39152	0		26414	378	893969	1097	0
06/30/14	4718	36000	904970	173	39152	0		26597	183	894505	536	1475
07/01/14	4724	36000	905074	104	39152	0		26770	173	895003	498	719
07/02/14	4731	42000	905218	144	39152	0		26958	188	895539	536	671
07/03/14	4738	42000	905436	218	39152	0		27158	200	896000	461	724
07/04/14	4741	18000	905436	0	39152	0		27158	0	896000	0	661
07/05/14	4744	18000	905436	0	39152	0		27158	0	896000	0	0
07/06/14	4747	18000	905436	0	39152	0		27158	0	896000	0	0

MODESTO UTILITY READINGS			INDIVIDUAL BOILER GAS USAGE				METER ID 38462468			METER ID 45228722		
DATE	Elect. METER	KWH	WICKES METER	GAS MCF	CB	GAS	BOILER GAS			DRYER GAS		TOTAL GAS
					METER	MCF	BOILERS	METER	mcf	METER	mcf	mcf
07/07/14	4750	18000	905436	0	39152	0		27158	0	896000	0	0
07/08/14	4757	42000	905741	305	39152	0		27630	472	896884	884	0
07/09/14	4766	54000	905964	223	39152	0		27912	282	897600	716	1356
07/10/14	4773	42000	906135	171	39152	0		28133	221	898168	568	998
07/11/14	4779	36000	906296	161	39152	0		28342	209	898748	580	789
07/12/14	4784	30000	906466	170	39152	0		28561	219	899268	520	789
07/13/14	4789	30000	906632	166	39152	0		28800	239	899268	0	739
07/14/14	4802	78000	906937	305	39152	0		29151	351	900473	1205	239
07/15/14	4814	72000	907223	286	39152	0		29507	356	901145	672	1556
07/16/14	4826	72000	907486	263	39152	0		29839	332	901889	744	1028
07/17/14	4834	48000	907653	167	39152	0		30058	219	902272	383	1076
07/18/14	4841	42000	907840	187	39152	0		30298	240	902320	48	602
07/19/14	4847	36000	907992	152	39152	0		30496	198	902346	26	288
07/20/14	4853	36000	908152	160	39152	0		30703	207	902398	52	224
07/21/14	4861	48000	908324	172	39152	0		30926	223	902468	70	259
07/22/14	4869	48000	908491	167	39152	0		31143	217	902688	220	293
07/23/14	4879	60000	908706	215	39152	0		31418	275	903357	669	437
07/24/14	4888	54000	908909	203	39152	0		31676	258	903935	578	944
07/25/14	4899	66000	909165	256	39152	0		31993	317	904458	523	836
07/26/14	4908	54000	909405	240	39152	0		32292	299	905000	542	840
07/27/14	4917	54000	909617	212	39152	0		32557	265	905502	502	841
07/28/14	4927	60000	909844	227	39152	0		32840	283	906071	569	767
07/29/14	4936	54000	910058	214	39152	0		33109	269	906602	531	852
07/30/14	4945	54000	910256	198	39152	0		33402	293	907155	553	800
07/31/14	4953	48000	910496	240	39152	0		33638	236	907418	263	846
08/01/14	4962	54000	910725	229	39152	0		33939	301	908055	637	499
08/02/14	4971	54000	910960	235	39152	0		34232	293	908736	681	938
08/03/14	4980	54000	911203	243	39152	0		34544	312	909459	723	974
08/04/14	4988	48000	911417	214	39152	0		34814	270	910159	700	1035
08/05/14	4999	66000	911672	255	39152	0		35135	321	910949	790	970
08/06/14	5007	48000	911883	211	39152	0		35403	268	911553	604	1111
08/07/14	5015	48000	912052	169	39152	0		35619	216	911834	281	872
08/08/14	5023	48000	912212	160	39152	0		35824	205	912084	250	497
08/09/14	5028	30000	912349	137	39152	0		36006	182	912205	121	455
08/10/14	5035	42000	912526	177	39152	0		36235	229	912304	99	303
08/11/14	5044	54000	912755	229	39152	0		36523	288	912576	272	328
08/12/14	5052	48000	912755	0	39152	0		36523	0	912876	300	560
08/13/14	5060	48000	913115	360	39329	177		36823	300	913276	400	300
08/14/14	5074	84000	913123	8	39753	424		37741	918	914574	1298	700
08/15/14	5082	48000	913128	5	40323	570		38317	576	915131	557	2216
08/16/14	5090	48000	913128	0	40855	532		38855	538	915689	558	1133
08/17/14	5099	54000	913128	0	41420	565		39438	583	916241	552	1096
08/18/14	5108	54000	913128	0	41964	544		39975	537	916424	183	1135
08/19/14	5125	102000	913128	0	42988	1024		41011	1036	916689	265	720
08/20/14	5135	60000	913128	0	43575	587		41565	554	916726	37	1301
08/21/14	5143	48000	913128	0	44088	513		42110	545	916746	20	591
08/22/14	5152	54000	913128	0	44604	516		42682	572	916791	45	565
08/23/14	5161	54000	913128	0	45768	1164		43236	554	916863	72	617
08/24/14	5164	18000	913128	0	45768	0		43236	0	916863	0	626
08/25/14	5173	54000	913128	0	45768	0		43886	650	917466	603	0
08/26/14	5183	60000	913128	0	46358	590		44479	593	918040	574	1253
08/27/14	5194	66000	913128	0	46976	618		45106	627	918514	474	1167
08/28/14	5206	72000	913128	0	47624	648		45751	645	918985	471	1101
08/29/14	5214	48000	913128	0	48132	508		46274	523	919079	94	1116
08/30/14	5223	54000	913128	0	48686	554		46834	560	919238	159	617
08/31/14	5229	36000	913128	0	49165	479		47312	478	919317	79	719
09/01/14	5234	30000	913128	0	50702	1537		47929	617	919901	584	557
09/02/14	5245	66000	913128	0	50715	13		48377	448	920295	394	1201
09/03/14	5254	54000	913128	0	50742	27		48948	571	921199	904	842
09/04/14	5264	60000	913128	0	51314	572		49533	585	922165	966	1475
09/05/14	5272	48000	913128	0	51884	570		50134	601	922950	785	1551
09/06/14	5281	54000	913128	0	52458	574		50708	574	923929	979	1386
09/07/14	5291	60000	913128	0	53031	573		51298	590	924948	1019	1553

MODESTO UTILITY READINGS			INDIVIDUAL BOILER GAS USAGE				METER ID 38462468			METER ID 45228722		
DATE	Elect. METER	KWH	WICKES METER	GAS MCF	CB	GAS	BOILER GAS			DRYER GAS		TOTAL GAS
					METER	MCF	BOILERS	METER	mcf	METER	mcf	mcf
09/08/14	5301	60000	913128	0	53624	593		51901	603	925906	958	1609
09/09/14	5314	78000	913128	0	54228	604		52542	641	927165	1259	1561
09/10/14	5326	72000	913128	0	54865	637		53233	691	928208	1043	1900
09/11/14	5337	66000	913128	0	55552	687		53902	669	928939	731	1734
09/12/14	5345	48000	913128	0	56165	613		54529	627	929260	321	1400
09/13/14	5354	54000	913128	0	56716	551		55061	532	929786	526	948
09/14/14	5364	60000	913128	0	57241	525		55591	530	930446	660	1058
09/15/14	5375	66000	913128	0	57787	546		56202	611	931329	883	1190
09/16/14	5386	66000	913128	0	58779	992		56789	587	932369	1040	1494
09/17/14	5398	72000	913128	0	58985	206		57417	628	933571	1202	1627
09/18/14	5410	72000	913128	0	59589	604		58036	619	934614	1043	1830
09/19/14	5418	48000	913136	8	60112	523		58566	530	934994	380	1662
09/20/14	5426	48000	913136	0	60739	627		59126	560	935197	203	910
09/21/14	5435	54000	913136	0	61198	459		59679	553	935337	140	763
09/22/14	5444	54000	913136	0	61808	610		60302	623	935471	134	693
09/23/14	5453	54000	913136	0	62421	613		60941	639	935593	122	757
09/24/14	5462	54000	913136	0	63062	641		61605	664	935713	120	761
09/25/14	5470	48000	913136	0	63662	600		62205	600	935813	100	784
09/26/14	5479	54000	913136	0	64312	650		62883	678	935978	165	700
09/27/14	5487	48000	913136	0	64996	684		63619	736	936153	175	843
09/28/14	5493	36000	913136	0	65572	576		64165	546	936231	78	911
09/29/14	5502	54000	913136	0	66234	662		64904	739	936541	310	624
09/30/14	5511	54000	913136	0	66849	615		65522	618	936697	156	1049
10/01/14	5520	54000	913136	0	67490	641		66180	658	936826	129	774
10/02/14	5520	0	913136	0	67490	0		66180	0	936826	0	787
10/03/14	5520	0	913136	0	67490	0		66180	0	936826	0	0
10/04/14	5550	180000	913136	0	69310	1820		68025	1845	938732	1906	0
10/05/14	5562	72000	913136	0	69938	628		68679	654	939672	940	3751
10/06/14	5573	66000	913136	0	70581	643		69327	648	940397	725	1594
10/07/14	5584	66000	913136	0	71214	633		69983	656	941080	683	1373
10/08/14	5595	66000	913136	0	71896	682		70696	713	941829	749	1339
10/09/14	5607	72000	913136	0	72566	670		71664	968	942546	717	1462
10/10/14	5619	72000	913136	0	73218	652		72071	407	943360	814	1685
10/11/14	5629	60000	913136	0	73885	667		72726	655	944021	661	1221
10/12/14	5636	42000	913136	0	74450	565		73282	556	944605	584	1316
10/13/14	5647	66000	913136	0	75102	652		73979	697	945186	581	1140
10/14/14	5659	72000	913142	6	75722	620		74680	701	946005	819	1278
10/15/14	5670	66000	913165	23	76447	725		75466	786	946775	770	1520
10/16/14	5680	60000	913165	0	77191	744		76214	748	947354	579	1556
10/17/14	5685	30000	913165	0	77819	628		76853	639	947520	166	1327
10/18/14	5691	36000	913165	0	78456	637		77499	646	947662	142	805
10/19/14	5696	30000	913165	0	79049	593		78118	619	947759	97	788
10/20/14	5704	48000	913165	0	79726	677		78855	737	948339	580	716
10/21/14	5712	48000	913165	0	80385	659		79531	676	948886	547	1317
10/22/14	5720	48000	913165	0	81035	650		80230	699	949497	611	1223
10/23/14	5728	48000	913165	0	81722	687		80934	704	950080	583	1310
10/24/14	5733	30000	913165	0	82342	620		81546	612	950611	531	1287
10/25/14	5738	30000	913165	0	82951	609		82177	631	951108	497	1143
10/26/14	5738	0	913165	0	82951	0		82177	0	951108	0	1128
10/27/14	5748	60000	913165	0	83647	696		82934	757	951171	63	0
10/28/14	5755	42000	913165	0	84258	611		83607	673	951225	54	820
10/29/14	5763	48000	913165	0	84902	644		84289	682	951274	49	727
10/30/14	5772	54000	913165	0	85561	659		84984	695	951327	53	731
10/31/14	5780	48000	913165	0	86256	695		85747	763	951380	53	748
11/01/14	5789	54000	913165	0	86919	663		86473	726	951522	142	816
11/02/14	5789	0	913165	0	86919	0		86473	0	951522	0	868
11/03/14	5796	42000	913194	29	87464	545		86903	430	951574	52	0
11/04/14	5803	42000	913361	167	87464	0		87128	225	951712	138	482
11/05/14	5809	36000	913549	188	87464	0		87377	249	951852	140	363
11/06/14	5817	48000	913755	206	87464	0		87648	271	951978	126	389
11/07/14	5822	30000	913947	192	87464	0		87890	242	952138	160	397
11/08/14	5822	0	913947	0	87464	0		87890	0	952138	0	402
11/09/14	5822	0	913947	0	87464	0		87890	0	952138	0	0

MODESTO UTILITY READINGS			INDIVIDUAL BOILER GAS USAGE				METER ID 38462468			METER ID 45228722		
DATE	Elect. METER	KWH	WICKES METER	GAS MCF	CB	GAS MCF	BOILER GAS			DRYER GAS		TOTAL GAS mcf
					METER		BOILERS	METER	mcf	METER	mcf	
11/10/14	5830	48000	914030	83	87464	0		88009	119	952179	41	0
11/11/14	5833	18000	914152	122	87464	0		88178	169	952179	0	160
11/12/14	5836	18000	914263	111	87464	0		88330	152	952179	0	169
11/13/14	5839	18000	914369	106	87464	0		88473	143	952179	0	152
11/14/14	5842	18000	914449	80	87464	0		88583	110	952183	4	143
11/15/14	5842	0	914449	0	87464	0		88583	0	952183	0	114
11/16/14	5842	0	914449	0	87464	0		88583	0	952183	0	0
11/17/14	5847	30000	914455	6	87464	0		88688	105	952183	0	0
11/18/14	5853	36000	914503	48	87947	483		89188	500	952349	166	105
11/19/14	5859	36000	914663	160	88000	53		89432	244	952465	116	666
11/20/14	5865	36000	914849	186	88137	137		89808	376	952555	90	360
11/21/14	5872	42000	915093	244	88142	5		90130	322	952647	92	466
11/22/14	5878	36000	915305	212	88142	0		90405	275	952713	66	414
11/23/14	5879	6000	915305	0	88142	0		90405	0	952713	0	341
11/24/14	5880	6000	915305	0	88142	0		90405	0	952713	0	0
11/25/14	5881	6000	915305	0	88142	0		90405	0	952713	0	0
11/26/14	5882	6000	915305	0	88142	0		90405	0	952713	0	0
11/27/14	5883	6000	915305	0	88142	0		90405	0	952713	0	0
11/28/14	5884	6000	915305	0	88142	0		90405	0	952713	0	0
11/29/14	5885	6000	915305	0	88142	0		90405	0	952713	0	0
11/30/14	5886	6000	915305	0	88142	0		90405	0	952713	0	0
12/01/14	5892	36000	915448	143	88142	0		90604	199	952734	21	0
12/02/14	5899	42000	915615	167	88142	0		90827	223	952906	172	220
12/03/14	5905	36000	915700	85	88142	0		91053	226	953041	135	395
12/04/14	5912	42000	916042	342	88142	0		91388	335	953151	110	361
12/05/14	5917	30000	916250	208	88142	0		91654	266	953199	48	445
12/06/14	5917	0	916250	0	88142	0		91654	0	953199	0	314
12/07/14	5917	0	916250	0	88142	0		91654	0	953199	0	0
12/08/14	5927	60000	916460	210	88142	0		91936	282	953340	141	0
12/09/14	5932	30000	916649	189	88142	0		92180	244	953444	104	423
12/10/14	5939	42000	916828	179	88142	0		92423	243	953593	149	348
12/11/14	5944	30000	917005	177	88142	0		92646	223	953703	110	392
12/12/14	5950	36000	917244	239	88142	0		92967	321	953803	100	333
12/13/14	5950	0	917244	0	88142	0		92967	0	953803	0	421
12/14/14	5950	0	917244	0	88142	0		92967	0	953803	0	0
12/15/14	5961	66000	917551	307	88142	0		93382	415	954080	277	0
12/16/14	5964	18000	917707	156	88142	0		93590	208	954372	292	692
12/17/14	5972	48000	917882	175	88142	0		93827	237	954456	84	500
12/18/14	5974	12000	917892	10	88142	0		93837	10	954456	0	321
12/19/14	5974	0	917892	0	88142	0		93837	0	954456	0	10
12/20/14	5974	0	917892	0	88142	0		93837	0	954456	0	0
12/21/14	5974	0	917892	0	88142	0		93837	0	954456	0	0
12/22/14	5974	0	917892	0	88142	0		93837	0	954456	0	0
12/23/14	5974	0	917892	0	88142	0		93837	0	954456	0	0
12/24/14	5974	0	917892	0	88142	0		93837	0	954456	0	0
12/25/14	5974	0	917892	0	88142	0		93837	0	954456	0	0
12/26/14	5974	0	917892	0	88142	0		93837	0	954456	0	0
12/27/14	5974	0	917892	0	88142	0		93837	0	954456	0	0
12/28/14	5974	0	917892	0	88142	0		93837	0	954456	0	0
12/29/14	5974	0	917892	0	88142	0		93837	0	954456	0	0
12/30/14	5974	0	917892	0	88142	0		93837	0	954456	0	0
12/31/14	5974	0	917892	0	88142	0		93837	0	954456	0	0
01/01/15	5974	0	917892	0	88142	0		93837	0	954456	0	0
			mcf	27681		55403			93245		103124	196369
			MMBtu/yr	27681		55403			93245		103124	196369

MODESTO UTILITY READINGS			INDIVIDUAL BOILER GAS USAGE				METER ID 38462468			METER ID 45228722		
DATE	Elect. METER	KWH	WICKES METER	GAS MCF	CB	GAS MCF	BOILER GAS			DRYER GAS		TOTAL GAS mcf
					METER		BOILERS	METER	mcf	METER	mcf	
12/31/12	2009		863048		36944			934093		749484		0
01/01/13	2009	0	863048	0	36944	0		934093	0	749484	0	0
01/02/13	2009	0	863049	1	36944	0		934093	0	749484	0	0
01/03/13	2009	0	863049	0	36944	0		934093	0	749484	0	0
01/04/13	2017	48000	863049	0	36944	0		934093	0	749484	0	0
01/05/13	2017	0	863049	0	36944	0		934093	0	749484	0	0
01/06/13	2017	0	863049	0	36944	0		934093	0	749484	0	0
01/07/13	2017	0	863049	0	36944	0		934093	0	749484	0	0
01/08/13	2017	0	863049	0	36944	0		934093	0	749484	0	0
01/09/13	2023	36000	863049	0	36944	0		934093	0	749498	14	0
01/10/13	2024	6000	863067	18	36944	0		934122	29	749511	13	14
01/11/13	2026	12000	863094	27	36944	0		934155	33	749522	11	42
01/12/13	2026	0	863094	0	36944	0		934155	0	749522	0	44
01/13/13	2026	0	863094	0	36944	0		934155	0	749522	0	0
01/14/13	2026	0	863094	0	36944	0		934155	0	749522	0	0
01/15/13	2031	30000	863185	91	36944	0		934283	128	749552	30	0
01/16/13	2034	18000	863252	67	36944	0		934369	86	749571	19	158
01/17/13	2036	12000	863315	63	36944	0		934453	84	749592	21	105
01/18/13	2038	12000	863375	60	36944	0		934533	80	749609	17	105
01/19/13	2040	12000	863431	56	36944	0		934604	71	749633	24	97
01/20/13	2040	0	863431	0	36944	0		934604	0	749633	0	95
01/21/13	2040	0	863431	0	36944	0		934604	0	749633	0	0
01/22/13	2048	48000	863571	140	36944	0		934783	179	749834	201	0
01/23/13	2052	24000	863698	127	36944	0		934952	169	749959	125	380
01/24/13	2054	12000	863746	48	36944	0		935013	61	749987	28	294
01/25/13	2056	12000	863804	58	36944	0		935089	76	749997	10	89
01/26/13	2059	18000	863862	58	36944	0		935163	74	750003	6	86
01/27/13	2059	0	863862	0	36944	0		935163	0	750003	0	80
01/28/13	2062	18000	863862	0	36944	0		935163	0	750005	2	0
01/29/13	2063	6000	863862	0	36944	0		935163	0	750014	9	2
01/30/13	2063	0	863862	0	36944	0		935163	0	750014	0	9
01/31/13	2066	18000	863862	0	36944	0		935163	0	750027	13	0
02/01/13	2068	12000	863876	14	36944	0		935180	17	750037	10	13
02/02/13	2068	0	863876	0	36944	0		935180	0	750037	0	27
02/03/13	2068	0	863876	0	36944	0		935180	0	750037	0	0
02/04/13	2068	0	863876	0	36944	0		935180	0	750037	0	0
02/05/13	2077	54000	864005	129	36944	0		935353	173	750258	221	0
02/06/13	2081	24000	864093	88	36944	0		935468	115	750433	175	394
02/07/13	2085	24000	864161	68	36944	0		935560	92	750537	104	290
02/08/13	2087	12000	864170	9	36944	0		935571	11	750551	14	196
02/09/13	2090	18000	864224	54	36944	0		935643	72	750565	14	25
02/10/13	2090	0	864224	0	36944	0		935643	0	750565	0	86
02/11/13	2090	0	864224	0	36944	0		935643	0	750565	0	0
02/12/13	2097	42000	864324	100	36944	0		935774	131	750760	195	0
02/13/13	2102	30000	864430	106	36944	0		935883	109	750980	220	326
02/14/13	2104	12000	864460	30	36944	0		935958	75	751009	29	329
02/15/13	2109	30000	864578	118	36944	0		936111	153	751154	145	104
02/16/13	2109	0	864578	0	36944	0		936111	0	751154	0	298
02/17/13	2109	0	864578	0	36944	0		936111	0	751154	0	0
02/18/13	2109	0	864578	0	36944	0		936111	0	751154	0	0
02/19/13	2109	0	864578	0	36944	0		936111	0	751154	0	0
02/20/13	2119	60000	864730	152	36944	0		936316	205	751233	79	0
02/21/13	2121	12000	864730	0	36944	0		936338	22	751248	15	284
02/22/13	2124	18000	864842	112	36944	0		936462	124	751305	57	37
02/23/13	2130	36000	865017	175	36944	0		936694	232	751437	132	181
02/24/13	2130	0	865017	0	36944	0		936694	0	751437	0	364
02/25/13	2130	0	865017	0	36944	0		936694	0	751437	0	0
02/26/13	2135	30000	865048	31	36944	0		936738	44	751450	13	0
02/27/13	2137	12000	865115	67	36944	0		936824	86	751461	11	57
02/28/13	2143	36000	865321	206	36944	0		937092	268	751613	152	97
03/01/13	2148	30000	865440	119	36944	0		937243	151	751681	68	420
03/02/13	2148	0	865440	0	36944	0		937243	0	751681	0	219

MODESTO UTILITY READINGS			INDIVIDUAL BOILER GAS USAGE				METER ID 38462468			METER ID 45228722		
DATE	Elect. METER	KWH	WICKES METER	GAS MCF	CB	GAS	BOILER GAS			DRYER GAS		TOTAL GAS
					METER	MCF	BOILERS	METER	mcf	METER	mcf	mcf
03/03/13	2148	0	865440	0	36944	0		937243	0	751681	0	0
03/04/13	2148	0	865440	0	36944	0		937243	0	751681	0	0
03/05/13	2155	42000	865511	71	36944	0		937338	95	751849	168	0
03/06/13	2159	24000	865607	96	36944	0		937461	123	752433	584	263
03/07/13	2163	24000	865691	84	36944	0		937579	118	752761	328	707
03/08/13	2170	42000	865859	168	36944	0		937811	232	752914	153	446
03/09/13	2175	30000	865859	0	36944	0		937998	187	753022	108	385
03/10/13	2175	0	865859	0	36944	0		937998	0	753022	0	295
03/11/13	2175	0	865859	0	36944	0		937998	0	753022	0	0
03/12/13	2183	48000	866117	258	36944	0		938136	138	753194	172	0
03/13/13	2188	30000	866254	137	36944	0		938312	176	753281	87	310
03/14/13	2191	18000	866327	73	36944	0		938410	98	753296	15	263
03/15/13	2197	36000	866538	211	36944	0		938669	259	753423	127	113
03/16/13	2201	24000	866609	71	36944	0		938780	111	753465	42	386
03/17/13	2201	0	866609	0	36944	0		938780	0	753465	0	153
03/18/13	2201	0	866609	0	36944	0		938780	0	753465	0	0
03/19/13	2207	36000	866675	66	36944	0		938864	84	753465	0	0
03/20/13	2209	12000	866785	110	36944	0		938950	86	753464	-1	84
03/21/13	2212	18000	866879	94	36944	0		939031	81	753473	9	85
03/22/13	2214	12000	866884	5	36944	0		939110	79	753479	6	90
03/23/13	2217	18000	866919	35	36944	0		939202	92	753498	19	85
03/24/13	2217	0	866919	0	36944	0		939202	0	753498	0	111
03/25/13	2217	0	866919	0	36944	0		939202	0	753498	0	0
03/26/13	2224	42000	867044	125	36944	0		939364	162	754068	570	0
03/27/13	2229	30000	867155	111	36944	0		939506	142	754667	599	732
03/28/13	2233	24000	867222	67	36944	0		939603	97	754854	187	741
03/29/13	2233	0	867222	0	36944	0		939603	0	754854	0	284
03/30/13	2233	0	867222	0	36944	0		939603	0	754854	0	0
03/31/13	2233	0	867222	0	36944	0		939603	0	754854	0	0
04/01/13	2233	0	867222	0	36944	0		939603	0	754854	0	0
04/02/13	2242	54000	867341	119	36944	0		939761	158	754947	93	0
04/03/13	2245	18000	867395	54	36944	0		939835	74	754948	1	251
04/04/13	2247	12000	867449	54	36944	0		939910	75	754948	0	75
04/05/13	2249	12000	867459	10	36944	0		939921	11	754948	0	75
04/06/13	2249	0	867459	0	36944	0		939921	0	754948	0	11
04/07/13	2249	0	867459	0	36944	0		939921	0	754948	0	0
04/08/13	2249	0	867459	0	36944	0		939921	0	754948	0	0
04/09/13	2259	60000	867583	124	36944	0		940087	166	755111	163	0
04/10/13	2264	30000	867699	116	36944	0		940237	150	755242	131	329
04/11/13	2268	24000	867769	70	36944	0		940334	97	755316	74	281
04/12/13	2271	18000	867825	56	36944	0		940408	74	755316	0	171
04/13/13	2273	12000	867885	60	36944	0		940487	79	755316	0	74
04/14/13	2273	0	867885	0	36944	0		940487	0	755316	0	79
04/15/13	2273	0	867885	0	36944	0		940487	0	755316	0	0
04/16/13	2278	30000	867956	71	36944	0		940586	99	755319	3	0
04/17/13	2280	12000	868019	63	36944	0		940659	73	755325	6	102
04/18/13	2283	18000	868069	50	36944	0		940735	76	755327	2	79
04/19/13	2285	12000	868128	59	36944	0		940809	74	755327	0	78
04/20/13	2287	12000	868175	47	36944	0		940877	68	755327	0	74
04/21/13	2287	0	868175	0	36944	0		940877	0	755327	0	68
04/22/13	2287	0	868175	0	36944	0		940877	0	755327	0	0
04/23/13	2292	30000	868243	68	36944	0		940966	89	755327	0	0
04/24/13	2295	18000	868304	61	36944	0		941042	76	755327	0	89
04/25/13	2297	12000	868363	59	36944	0		941116	74	755327	0	76
04/26/13	2301	24000	868471	108	36944	0		941254	138	755362	35	74
04/27/13	2307	36000	868638	167	36944	0		941464	210	755402	40	173
04/28/13	2307	0	868638	0	36944	0		941464	0	755402	0	250
04/29/13	2307	0	868638	0	36944	0		941464	0	755402	0	0
04/30/13	2306	-6000	868784	146	36944	0		941648	184	756046	644	0
05/01/13	2321	90000	868923	139	36944	0		941800	152	756610	564	828
05/02/13	2326	30000	869014	91	36944	0		941932	132	757121	511	716
05/03/13	2331	30000	869124	110	36944	0		942074	142	757665	544	643
05/04/13	2336	30000	869227	103	36944	0		942200	126	758166	501	686

MODESTO UTILITY READINGS			INDIVIDUAL BOILER GAS USAGE				METER ID 38462468			METER ID 45228722		
DATE	Elect.	KWH	WICKES METER	GAS MCF	CB	GAS MCF	BOILER GAS			DRYER GAS		TOTAL GAS mcf
	METER				METER		BOILERS	METER	mcf	METER	mcf	
05/05/13	2336	0	869227	0	36944	0		942200	0	758166	0	627
05/06/13	2336	0	869227	0	36944	0		942200	0	758166	0	0
05/07/13	2350	84000	869581	354	36944	0		942645	445	759454	1288	0
05/08/13	2355	30000	869718	137	36944	0		942819	174	760003	549	1733
05/09/13	2360	30000	869853	135	36944	0		942989	170	760520	517	723
05/10/13	2365	30000	869976	123	36944	0		943142	153	761006	486	687
05/11/13	2371	36000	870104	128	36944	0		943306	164	761547	541	639
05/12/13	2376	30000	870224	120	36944	0		943456	150	762040	493	705
05/13/13	2381	30000	870339	115	36944	0		943596	140	762540	500	643
05/14/13	2386	30000	870444	105	36944	0		943729	133	763040	500	640
05/15/13	2391	30000	870572	128	36944	0		943885	156	763561	521	633
05/16/13	2396	30000	870572	0	36944	0		944044	159	764084	523	677
05/17/13	2402	36000	870823	251	36944	0		944199	155	764624	540	682
05/18/13	2407	30000	870960	137	36944	0		944349	150	765210	586	695
05/19/13	2407	0	870960	0	36944	0		944349	0	765210	0	736
05/20/13	2407	0	870960	0	36944	0		944349	0	765210	0	0
05/21/13	2416	54000	871134	174	36944	0		944599	250	765545	335	0
05/22/13	2419	18000	871197	63	36944	0		944680	81	765546	1	585
05/23/13	2421	12000	871262	65	36944	0		944761	81	765548	2	82
05/24/13	2423	12000	871325	63	36944	0		944843	82	765548	0	83
05/25/13	2423	0	871325	0	36944	0		944843	0	765548	0	82
05/26/13	2423	0	871325	0	36944	0		944843	0	765548	0	0
05/27/13	2423	0	871325	0	36944	0		944843	0	765548	0	0
05/28/13	2423	0	871325	0	36944	0		944843	0	765548	0	0
05/29/13	2432	54000	871378	53	36944	0		944906	63	765548	0	0
05/30/13	2434	12000	871378	0	36944	0		944906	0	765548	0	63
05/31/13	2435	6000	871378	0	36944	0		944906	0	765548	0	0
06/01/13	2435	0	871378	0	36944	0		944906	0	765548	0	0
06/02/13	2435	0	871378	0	36944	0		944906	0	765548	0	0
06/03/13	2435	0	871378	0	36944	0		944906	0	765548	0	0
06/04/13	2445	60000	871510	132	36944	0		945062	156	766000	452	0
06/05/13	2449	24000	871620	110	36944	0		945195	133	766466	466	608
06/06/13	2454	30000	871735	115	36944	0		945342	147	767012	546	599
06/07/13	2460	36000	871850	115	36944	0		945498	156	767549	537	693
06/08/13	2465	30000	871971	121	36944	0		945648	150	768053	504	693
06/09/13	2469	24000	872086	115	36944	0		945791	143	768505	452	654
06/10/13	2474	30000	872196	110	36944	0		945925	134	768958	453	595
06/11/13	2482	48000	872391	195	36944	0		946157	232	769550	592	587
06/12/13	2490	48000	872572	181	36944	0		946294	137	770155	605	824
06/13/13	2495	30000	872652	80	36944	0		946495	201	770381	226	742
06/14/13	2500	30000	872773	121	36944	0		946656	161	770933	552	427
06/15/13	2506	36000	872930	157	36944	0		946846	190	771502	569	713
06/16/13	2512	36000	873057	127	36944	0		947016	170	772056	554	759
06/17/13	2517	30000	873189	132	36944	0		947173	157	772578	522	724
06/18/13	2523	36000	873325	136	36944	0		947346	173	773124	546	679
06/19/13	2528	30000	873455	130	36944	0		947507	161	773670	546	719
06/20/13	2533	30000	873579	124	36944	0		947670	163	774202	532	707
06/21/13	2538	30000	873698	119	36944	0		947822	152	774707	505	695
06/22/13	2543	30000	873825	127	36944	0		947928	106	775229	522	657
06/23/13	2548	30000	873936	111	36944	0		948122	194	775748	519	628
06/24/13	2553	30000	874056	120	36944	0		948266	144	776263	515	713
06/25/13	2559	36000	874167	111	36944	0		948417	151	776784	521	659
06/26/13	2564	30000	874292	125	36944	0		948561	144	777283	499	672
06/27/13	2569	30000	874401	109	36944	0		948711	150	777741	458	643
06/28/13	2573	24000	874469	68	36944	0		948791	80	777759	18	608
06/29/13	2576	18000	874535	66	36944	0		948872	81	777852	93	98
06/30/13	2576	0	874535	0	36944	0		948872	0	777852	0	174
07/01/13	2576	0	874535	0	36944	0		948872	0	777852	0	0
07/02/13	2585	54000	874640	105	36944	0		948994	122	778041	189	0
07/03/13	2593	48000	874803	163	36944	0		949204	210	778593	552	311
07/04/13	2603	60000	874951	148	36944	0		949373	169	779285	692	762
07/05/13	2612	54000	875055	104	36944	0		949511	138	779800	515	861
07/06/13	2619	42000	875158	103	36944	0		949644	133	780013	213	653

MODESTO UTILITY READINGS			INDIVIDUAL BOILER GAS USAGE				METER ID 38462468			METER ID 45228722		
DATE	Elect. METER	KWH	WICKES METER	GAS MCF	CB	GAS	BOILER GAS			DRYER GAS		TOTAL GAS
					METER	MCF	BOILERS	METER	mcf	METER	mcf	mcf
07/07/13	2625	36000	875275	117	36944	0		949778	134	780406	393	346
07/08/13	2625	0	875275	0	36944	0		949778	0	780406	0	527
07/09/13	2640	90000	875536	261	36944	0		950112	334	781514	1108	0
07/10/13	2650	60000	875725	189	36944	0		950348	236	782456	942	1442
07/11/13	2660	60000	875898	173	36944	0		950561	213	783252	796	1178
07/12/13	2668	48000	876015	117	36944	0		950788	227	784007	755	1009
07/13/13	2679	66000	876133	118	36944	0		951076	288	784833	826	982
07/14/13	2689	60000	876133	0	36944	0		951250	174	785339	506	1114
07/15/13	2694	30000	876369	236	36944	0		951369	119	785440	101	680
07/16/13	2705	66000	876566	197	36944	0		951618	249	785857	417	220
07/17/13	2717	72000	876570	4	89	0		952025	407	786360	503	666
07/18/13	2728	66000	876570	0	1077	988		952448	423	786739	379	910
07/19/13	2740	72000	876570	0	1604	527		952942	494	787207	468	802
07/20/13	2754	84000	876570	0	2184	580		953500	558	787745	538	962
07/21/13	2765	66000	876570	0	2626	442		953929	429	788182	437	1096
07/22/13	2777	72000	876570	0	3166	540		954429	500	788714	532	866
07/23/13	2789	72000	876570	0	3708	542		954971	542	789428	714	1032
07/24/13	2801	72000	876570	0	4250	542		955513	542	790142	714	1256
07/25/13	2813	72000	876570	0	4792	542		956055	542	790856	714	1256
07/26/13	2825	72000	876570	0	5334	542		956597	542	791570	714	1256
07/27/13	2837	72000	876570	0	5876	542		957139	542	792284	714	1256
07/28/13	2849	72000	876570	0	6418	542		957681	542	792998	714	1256
07/29/13	2861	72000	876570	0	6960	542		958223	542	793712	714	1256
07/30/13	2873	72000	876570	0	7502	542		958765	542	794426	714	1256
07/31/13	2885	72000	876570	0	8044	542		959307	542	795140	714	1256
08/01/13	2899	84000	876570	0	8590	546		959667	360	795863	723	1256
08/02/13	2905	36000	876570	0	8998	408		959920	253	796261	398	1083
08/03/13	2916	66000	876570	0	9565	567		960453	533	796724	463	651
08/04/13	2926	60000	876570	0	10106	541		960972	519	797041	317	996
08/05/13	2934	48000	876570	0	10567	461		961413	441	797191	150	836
08/06/13	2943	54000	876570	0	11089	522		961974	561	797285	94	591
08/07/13	2952	54000	876570	0	11660	571		962540	566	797417	132	655
08/08/13	2962	60000	876570	0	12148	488		963053	513	797811	394	698
08/09/13	2974	72000	876570	0	12743	595		963645	592	798577	766	907
08/10/13	2986	72000	876570	0	13343	600		964301	656	799422	845	1358
08/11/13	2999	78000	876570	0	13995	652		964948	647	800324	902	1501
08/12/13	3011	72000	876570	0	14601	606		965596	648	801241	917	1549
08/13/13	3016	30000	876570	0	14847	246		965678	82	801384	143	1565
08/14/13	3023	42000	876698	128	14847	0		965835	157	801669	285	225
08/15/13	3034	66000	876886	188	14847	0		966069	234	802090	421	442
08/16/13	3044	60000	877124	238	14847	0		966358	289	802800	710	655
08/17/13	3053	54000	877274	150	14847	0		966554	196	803565	765	999
08/18/13	3064	66000	877435	161	14847	0		966747	193	804528	963	961
08/19/13	3074	60000	877582	147	14847	0		966935	188	805462	934	1156
08/20/13	3085	66000	877724	142	14847	0		967103	168	806190	728	1122
08/21/13	3093	48000	877824	100	14847	0		967227	124	806505	315	896
08/22/13	3100	42000	877908	84	14847	0		967330	103	806832	327	439
08/23/13	3111	66000	878076	168	14847	0		967543	213	807515	683	430
08/24/13	3120	54000	878206	130	14847	0		967712	169	808044	529	896
08/25/13	3130	60000	878350	144	14847	0		967898	186	808645	601	698
08/26/13	3141	66000	878542	192	14847	0		968068	170	809285	640	787
08/27/13	3151	60000	878677	135	14847	0		968319	251	810205	920	810
08/28/13	3163	72000	878724	47	15080	233		968754	435	811138	933	1171
08/29/13	3176	78000	878724	0	15584	504		969264	510	812321	1183	1368
08/30/13	3189	78000	878724	0	16109	525		969741	477	813393	1072	1693
08/31/13	3201	72000	878724	0	16539	430		970206	465	814285	892	1549
09/01/13	3214	78000	878724	0	17015	476		970662	456	815334	1049	1357
09/02/13	3228	84000	878724	0	17466	451		971128	466	816454	1120	1505
09/03/13	3238	60000	878724	0	17885	419		971512	384	816914	460	1586
09/04/13	3249	66000	878724	0	18278	393		971889	377	817596	682	844
09/05/13	3260	66000	878724	0	18704	426		972318	429	818179	583	1059
09/06/13	3270	60000	878724	0	19190	486		972803	485	818603	424	1012
09/07/13	3280	60000	878724	0	19787	597		973386	583	819148	545	909

MODESTO UTILITY READINGS			INDIVIDUAL BOILER GAS USAGE				METER ID 38462468			METER ID 45228722		
DATE	Elect. METER	KWH	WICKES METER	GAS MCF	CB	GAS	BOILER GAS			DRYER GAS		TOTAL GAS
					METER	MCF	BOILERS	METER	mcf	METER	mcf	mcf
09/08/13	3291	66000	878724	0	20453	666		974044	658	819717	569	1128
09/09/13	3302	66000	878724	0	21127	674		974669	625	820192	475	1227
09/10/13	3311	54000	878724	0	21773	646		975261	592	820530	338	1100
09/11/13	3322	66000	878724	0	22443	670		975900	639	821024	494	930
09/12/13	3333	66000	878724	0	23136	693		976541	641	821382	358	1133
09/13/13	3341	48000	878728	4	23716	580		977120	579	821450	68	999
09/14/13	3351	60000	878728	0	24389	673		977758	638	821582	132	647
09/15/13	3362	66000	878728	0	25094	705		978430	672	821753	171	770
09/16/13	3370	48000	878730	2	25800	706		979048	618	821885	132	843
09/17/13	3381	66000	878743	13	26401	601		979675	627	822544	659	750
09/18/13	3393	72000	878777	34	26931	530		980200	525	823275	731	1286
09/19/13	3406	78000	879057	280	27095	164		980578	378	824163	888	1256
09/20/13	3418	72000	879304	247	27095	0		980887	309	824844	681	1266
09/21/13	3430	72000	879584	280	27095	0		981235	348	825637	793	990
09/22/13	3430	0	879794	210	27095	0		981545	310	826380	743	1141
09/23/13	3430	0	880024	230	27095	0		981865	320	826965	585	1053
09/24/13	3459	174000	880246	222	27095	0		982078	213	827505	540	905
09/25/13	3470	66000	880472	226	27095	0		982370	292	827661	156	753
09/26/13	3480	60000	880761	289	27095	0		982733	363	827830	169	448
09/27/13	3489	54000	881009	248	27095	0		983047	314	827947	117	532
09/28/13	3498	54000	881224	215	27095	0		983313	266	828044	97	431
09/29/13	3508	60000	881434	210	27095	0		983581	268	828253	209	363
09/30/13	3518	60000	881625	191	27095	0		983829	248	828562	309	477
10/01/13	3527	54000	881786	161	27095	0		984034	205	828882	320	557
10/02/13	3538	66000	881987	201	27095	0		984281	247	829403	521	525
10/03/13	3547	54000	882155	168	27095	0		984501	220	829808	405	768
10/04/13	3557	60000	882347	192	27095	0		984743	242	830089	281	625
10/05/13	3566	54000	882534	187	27095	0		984981	238	830272	183	523
10/06/13	3576	60000	882760	226	27095	0		985276	295	830409	137	421
10/07/13	3584	48000	882920	160	27095	0		985469	193	830564	155	432
10/08/13	3595	66000	883190	270	27095	0		985807	338	831313	749	348
10/09/13	3608	78000	883773	583	27095	0		986205	398	832338	1025	1087
10/10/13	3619	66000	884030	257	27095	0		986525	320	833356	1018	1423
10/11/13	3632	78000	884307	277	27095	0		986872	347	834357	1001	1338
10/12/13	3644	72000	884562	255	27095	0		987206	334	835242	885	1348
10/13/13	3655	66000	884854	292	27095	0		987547	341	836030	788	1219
10/14/13	3668	78000	885127	273	27095	0		987914	367	837009	979	1129
10/15/13	3680	72000	885396	269	27095	0		988261	347	838007	998	1346
10/16/13	3691	66000	885579	183	27095	0		988597	336	8E+06	8E+06	1345
10/17/13	3699	48000	885848	269	27095	0		988826	229	839531	-8E+06	7551376
10/18/13	3713	84000	885957	109	27095	0		989176	350	839825	294	-7549287
10/19/13	3718	30000	886172	215	27095	0		989319	143	839835	10	644
10/20/13	3729	66000	886237	65	27095	0		989605	286	839842	7	153
10/21/13	3733	24000	886237	0	27095	0		989691	86	839851	9	293
10/22/13	3735	12000	886237	0	27095	0		989691	0	839851	0	95
10/23/13	3736	6000	886237	0	27095	0		989691	0	839853	2	0
10/24/13	3737	6000	886237	0	27095	0		989691	0	839855	2	2
10/25/13	3739	12000	886237	0	27095	0		989691	0	839855	0	2
10/26/13	3739	0	886237	0	27095	0		989691	0	839855	0	0
10/27/13	3739	0	886237	0	27095	0		989691	0	839855	0	0
10/28/13	3746	42000	886404	167	27095	0		989907	216	840411	556	0
10/29/13	3751	30000	886548	144	27095	0		990094	187	840960	549	772
10/30/13	3756	30000	886689	141	27095	0		990280	186	841560	600	736
10/31/13	3761	30000	886836	147	27095	0		990471	191	842163	603	786
11/01/13	3766	30000	887000	164	27095	0		990688	217	842757	594	794
11/02/13	3771	30000	887152	152	27095	0		990887	199	843374	617	811
11/03/13	3776	30000	887293	141	27095	0		991074	187	846913	3539	816
11/04/13	3779	18000	887369	76	27095	0		991178	104	843932	-2981	3726
11/05/13	3785	36000	887466	97	27095	0		991311	133	844076	144	-2877
11/06/13	3791	36000	887563	97	27095	0		991442	131	844204	128	277
11/07/13	3796	30000	887661	98	27095	0		991575	133	844403	199	259
11/08/13	3802	36000	887752	91	27095	0		991693	118	844605	202	332
11/09/13	3802	0	887752	0	27095	0		991693	0	844605	0	320

MODESTO UTILITY READINGS			INDIVIDUAL BOILER GAS USAGE				METER ID 38462468			METER ID 45228722		
DATE	Elect. METER	KWH	WICKES METER	GAS MCF	CB METER	GAS MCF	BOILER GAS			DRYER GAS		TOTAL GAS
							BOILERS	METER	mcf	METER	mcf	
11/10/13	3802	0	887752	0	27095	0		991693	0	844605	0	0
11/11/13	3817	90000	888031	279	27095	0		992075	382	844948	343	0
11/12/13	3822	30000	888128	97	27095	0		992239	164	844940	-8	725
11/13/13	3828	36000	888283	155	27095	0		992431	192	845154	214	156
11/14/13	3830	12000	888381	98	27095	0		992518	87	845175	21	406
11/15/13	3833	18000	888456	75	27095	0		992637	119	845176	1	108
11/16/13	3833	0	888456	0	27095	0		992637	0	845176	0	120
11/17/13	3833	0	888456	0	27095	0		992637	0	845176	0	0
11/18/13	3836	18000	888456	0	27095	0		992641	4	845176	0	0
11/19/13	3836	0	888456	0	27095	0		992641	0	845176	0	4
11/20/13	3844	48000	888584	128	27095	0		992818	177	845642	466	0
11/21/13	3848	24000	888672	88	27095	0		992935	117	845871	229	643
11/22/13	3850	12000	888741	69	27095	0		993032	97	845896	25	346
11/23/13	3850	0	888741	0	27095	0		993032	0	845896	0	122
11/24/13	3850	0	888741	0	27095	0		993032	0	845896	0	0
11/25/13	3859	54000	888865	124	27095	0		993210	178	846510	614	0
11/26/13	3864	30000	888987	122	27095	0		993373	163	847063	553	792
11/27/13	3868	24000	889077	90	27095	0		993497	124	847212	149	716
11/28/13	3868	0	889077	0	27095	0		993497	0	847212	0	273
11/29/13	3868	0	889077	0	27095	0		993497	0	847212	0	0
11/30/13	3868	0	889077	0	27095	0		993497	0	847212	0	0
12/01/13	3868	0	889077	0	27095	0		993497	0	847212	0	0
12/02/13	3879	66000	889245	168	27095	0		993716	219	847828	616	0
12/03/13	3884	30000	889397	152	27095	0		993912	196	848415	587	835
12/04/13	3890	36000	889553	156	27095	0		994121	209	849046	631	783
12/05/13	2897	-5958000	889741	188	27095	0		994378	257	849700	654	840
12/06/13	3901	6024000	889847	106	27095	0		994520	142	849785	85	911
12/07/13	3901	0	889847	0	27095	0		994520	0	849785	0	227
12/08/13	3901	0	889847	0	27095	0		994520	0	849785	0	0
12/09/13	3909	48000	889974	127	27095	0		994698	178	849941	156	0
12/10/13	3915	36000	890094	120	27095	0		994863	165	850065	124	334
12/11/13	3920	30000	890187	93	27321	226		995342	479	850170	105	289
12/12/13	3925	30000	890211	24	27821	500		995897	555	850267	97	584
12/13/13	3930	30000	890211	0	28423	602		996487	590	850367	100	652
12/14/13	3934	24000	890211	0	29021	598		996983	496	850413	46	690
12/15/13	3934	0	890211	0	29021	0			-996983	850413	0	542
12/16/13	3938	24000	890211	0	29547	526		997598	997598	850426	13	-996983
12/17/13	3943	30000	890211	0	30125	578		998202	604	850873	447	997611
12/18/13	3949	36000	890211	0	30770	645		998775	573	850716	-157	1051
12/19/13	3954	30000	890211	0	31388	618		999398	623	850856	140	416
12/20/13	3959	30000	890211	0	31965	577		999987	589	857023	6167	763
12/21/13	3964	30000	890211	0	32550	585		539	552	857289	266	6756
12/22/13	3964	0	890211	0	32550	0		539	0	857289	0	818
12/23/13	3964	0	890211	0	32550	0		539	0	857289	0	0
12/24/13	3964	0	890211	0	32550	0		539	0	857289	0	0
12/25/13	3964	0	890211	0	32550	0		539	0	857289	0	0
12/26/13	3964	0	890211	0	32550	0		539	0	857289	0	0
12/27/13	3973	54000	890211	0	32739	189		592	53	851328	-5961	0
12/28/13	3973	0	890211	0	32739	0		592	0	851328	0	-5908
12/29/13	3977	24000	890211	0	32739	0		592	0	851332	4	0
12/30/13	3977	0	890211	0	32739	0		592	0	851332	0	4
12/31/13	3977	0	890211	0	32739	0		592	0	851332	0	0
			mcf	27163		32650			66499		101848	168347
			MMBtu/yr	27163		32650			66499		101848	168347

Month	Total Roaster Read	Roaster 2 Read	Roaster 1 Usage	Roaster 2 Usage
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CY 2013

Jan	1742185	5188343	125,066	0
Feb	1822939	5188343	80,754	0
Mar	1852050	5188383	29,111	40
Apr	2398.52	5190476	2,399	2,093
May	2398.52	191	0	191
Jun	83100	7509	83,017	7,318
Jul	83100	7509	0	0
Aug	163163	8469	80,063	960
Sep	187276	8915	24,113	446
Oct	295828	850523	108,552	0
Nov	357690	876797	61,862	26,274
Dec	411091	877034	53,401	237
			0.65	0.04

CY 2014

Jan	424996	877034	13,905	0
Feb	425693	877034	697	0
Mar	524000	877034	98,307	0
Apr	613610	877034	89,610	0
May	647174	877034	33,564	0
Jun	677636	877036	30,462	2
Jul	704444	877036	26,808	0
Aug	747506	920098	43,062	43,062
Sep	818770	920098	71,264	0
Oct	1584985	1668894	766,215	748,796
Nov	2614058	1668894	1,029,073	0
Dec	2614058	1668894	0	0
			2.20	0.79

Emission Statement - Calendar Year 2013 Emissions

Date
Time

UTM

Zone: 10

East: 677.66647

North: 4162.8961

Please return to:

San Joaquin Valley Unified APCD

1990 East Gettysburg Avenue

Fresno, CA 93726

or FAX: (559) 230 - 6061

Facility ID #: N-1787
TAD #: 50-1787
SIC: 723
Facility Name: OLAM
Toxic ID #: 10188

Check Box If Process Rates are Confidential :

Device ID #	Process Number	Equipment Type	Yearly Process Rate	Q1	Q2	Q3	Q4	Units Source Classification Code	NOX lb / Unit	VOC Lb / Unit	SOX lb / Unit	CO lb / Unit	PM10 Lb / Unit	NH3* Lb / Unit	* Please Note: Emissions for NH3 are reported in Lbs / Year.
1	1	Vegetable Milling & Granulating Opr	130.00	11.10	17.55	62.02	39.33	TONS PROCESSED (INPUT) 30299998	0.00	0.00	0.00	0.00	0.05	0.00	Tons/Yr.
2	1	Dehydrated Vegetable Boxing Equipment	551.60	47.09	74.49	263.16	166.86	TONS PROCESSED (INPUT) 30299998	0.00	0.00	0.00	0.00	0.69	0.00	Tons/Yr.
12	1	Air Conveying System	2595.00	221.54	350.42	1238.03	785.01	TONS PROCESSED (INPUT) 30299998	0.00	0.00	0.00	0.00	0.21	0.00	Tons/Yr.
				Totals For the Facility (Tons/Year)					7.53	0.50	0.09	2.40	0.87	0.00	

Contact	Mike Storey
Company	OLAM
Address	705 E WHITMORE AVE
City, State, Zip	MODESTO, CA 95358
Telephone	(209) 538-5512
Email Address	mike.storey@olamnet.com
Location of facility if different from above	705 E WHITMORE AVE MODESTO

Emission Statement - Calendar Year 2014 Emissions

Date
Time

UTM

Zone : 10

East : 677.66647

North : 4162.89607

Please return to:

San Joaquin Valley Unified APCD

1990 East Gettysburg Avenue

Fresno, CA 93726

or FAX: (559) 230 - 6061

Facility ID #: N-1787
TAD #: 50-1787
SIC : 723
Facility Name : OLAM
Toxic ID #: 10188



Check Box If Process Rates are Confidential :

Device ID #	Process Number	Equipment Type	Yearly Process Rate	Q1	Q2	Q3	Q4	Units Source Classification Code	NOX lb / Unit	VOC Lb / Unit	SOX lb / Unit	CO lb / Unit	PM10 Lb / Unit	NH3* Lb / Unit	* Please Note: Emissions for NH3 are reported in Lbs / Year.
1	1	Vegetable Milling & Granulating Opr	19.32	1.69	3.63	8.06	5.94	TONS PROCESSED (INPUT) 30299998	0.00	0.00	0.00	0.00	0.05	0.00	Tons/Yr.
2	1	Dehydrated Vegetable Boxing Equipment	375.39	32.85	70.62	156.56	115.36	TONS PROCESSED (INPUT) 30299998	0.00	0.00	0.00	0.00	0.69	0.00	Tons/Yr.
12	1	Air Conveying System	2403.20	210.29	452.11	1002.27	738.53	TONS PROCESSED (INPUT) 30299998	0.00	0.00	0.00	0.00	0.21	0.00	Tons/Yr.
				Totals For the Facility (Tons/Year)					15.22	0.90	0.11	4.36	1.06	0.00	

Contact	Mike Storey
Company	OLAM
Address	705 E WHITMORE AVE
City, State, Zip	MODESTO, CA 95358
Telephone	(209) 538-5512
Email Address	mike.storey@olamnet.com
Location of facility if different from above	705 E WHITMORE AVE MODESTO

Appendix III

Historical Actual Emissions Calculations

Historical Actual Emission (HAE) for Permit N-1787-1

$HAE_{PM10} = \text{Emission Factor (lb-PM10/ton)} \times \text{Throughput (tons/qtr)}$

Typical calculation is shown below:

2013 1st qtr = 0.0462 lb-PM10/ton x 11.10 tons/qtr = 0.5 lb-PM10/qtr

The remaining calculations are summarized in the following tables for years 2013 and 2014:

2013 HAE (lb-PM10/qtr)			
1 st qtr	2 nd qtr	3 rd qtr	4 th qtr
0.5	0.8	2.9	1.8
2014 HAE (lb-PM10/qtr)			
1 st qtr	2 nd qtr	3 rd qtr	4 th qtr
0.1	0.2	0.4	0.3
Average HAE (lb-PM10/qtr)			
1 st qtr	2 nd qtr	3 rd qtr	4 th qtr
0.3	0.5	1.7	1.1

Historical Actual Emission (HAE) for Permit N-1787-2

$HAE_{PM10} = \text{Emission Factor (lb-PM10/ton)} \times \text{Throughput (tons/qtr)}$

Typical calculation is shown below:

2013 1st qtr = 0.69 lb-PM10/ton x 47.09 tons/qtr = 32.5 lb-PM10/qtr

The remaining calculations are summarized in the following tables for years 2013 and 2014:

2013 HAE (lb-PM10/qtr)			
1 st qtr	2 nd qtr	3 rd qtr	4 th qtr
32.5	51.4	181.6	115.1
2014 HAE (lb-PM10/qtr)			
1 st qtr	2 nd qtr	3 rd qtr	4 th qtr
22.7	48.7	108.0	79.6
Average HAE (lb-PM10/qtr)			
1 st qtr	2 nd qtr	3 rd qtr	4 th qtr
27.6	50.1	144.8	97.4

Historical Actual Emission (HAE) for Permit N-1787-4

$HAE = \text{Emission Factor (lb-PM10/ton)} \times \text{Fuel Usage (MMBtu/qtr)}$

Typical calculation is shown below:

2013 1st qtr for NOx = 0.008 lb/MMBtu x 4,174.00 MMBtu/qtr = 33.4 lb-PM10/qtr

The remaining calculations are summarized in the following tables for years 2013 and 2014:

Pollutant	HAE for 2013 1st Qtr		
	EF (lb/MMBtu)	Heat Input (MMBtu/qtr)	HAE (lb/qtr)
NO _x	0.008	4,174.00	33.4
SO _x	0.00285	4,174.00	11.9
PM ₁₀	0.0076	4,174.00	31.7
CO	0.01415	4,174.00	59.1
VOC	0.0055	4,174.00	23.0

Pollutant	HAE for 2013 2nd Qtr		
	EF (lb/MMBtu)	Heat Input (MMBtu/qtr)	HAE (lb/qtr)
NO _x	0.008	7,313.00	58.5
SO _x	0.00285	7,313.00	20.8
PM ₁₀	0.0076	7,313.00	55.6
CO	0.01415	7,313.00	103.5
VOC	0.0055	7,313.00	40.2

Pollutant	HAE for 2013 3rd Qtr		
	EF (lb/MMBtu)	Heat Input (MMBtu/qtr)	HAE (lb/qtr)
NO _x	0.008	7,090.00	56.7
SO _x	0.00285	7,090.00	20.2
PM ₁₀	0.0076	7,090.00	53.9
CO	0.01415	7,090.00	100.3
VOC	0.0055	7,090.00	39.0

Pollutant	HAE for 2013 4th Qtr		
	EF (lb/MMBtu)	Heat Input (MMBtu/qtr)	HAE (lb/qtr)
NO _x	0.008	8,586.00	68.7
SO _x	0.00285	8,586.00	24.5
PM ₁₀	0.0076	8,586.00	65.3
CO	0.01415	8,586.00	121.5
VOC	0.0055	8,586.00	47.2

Pollutant	HAE for 2014 1st Qtr		
	EF (lb/MMBtu)	Heat Input (MMBtu/qtr)	HAE (lb/qtr)
NO_x	0.008	3,234.00	25.9
SO_x	0.00285	3,234.00	9.2
PM₁₀	0.0076	3,234.00	24.6
CO	0.01415	3,234.00	45.8
VOC	0.0055	3,234.00	17.8

Pollutant	HAE for 2014 2nd Qtr		
	EF (lb/MMBtu)	Heat Input (MMBtu/qtr)	HAE (lb/qtr)
NO_x	0.008	8,166.00	65.3
SO_x	0.00285	8,166.00	23.3
PM₁₀	0.0076	8,166.00	62.1
CO	0.01415	8,166.00	115.5
VOC	0.0055	8,166.00	44.9

Pollutant	HAE for 2014 3rd Qtr		
	EF (lb/MMBtu)	Heat Input (MMBtu/qtr)	HAE (lb/qtr)
NO_x	0.008	11,525.00	92.2
SO_x	0.00285	11,525.00	32.8
PM₁₀	0.0076	11,525.00	87.6
CO	0.01415	11,525.00	163.1
VOC	0.0055	11,525.00	63.4

Pollutant	HAE for 2014 4th Qtr		
	EF (lb/MMBtu)	Heat Input (MMBtu/qtr)	HAE (lb/qtr)
NO_x	0.008	12,818.00	102.5
SO_x	0.00285	12,818.00	36.5
PM₁₀	0.0076	12,818.00	97.4
CO	0.01415	12,818.00	181.4
VOC	0.0055	12,818.00	70.5

HAE (lb-PM10/qtr)								
	2013 1 st qtr	2014 1 st qtr	2013 2 nd qtr	2014 2 nd qtr	2013 3 rd qtr	2014 3 rd qtr	2013 4 th qtr	2014 4 th qtr
NO _x	33.4	25.9	58.5	65.3	56.7	92.2	68.7	102.5
Avg NO_x	29.7		61.9		74.5		85.6	
SO _x	11.9	9.2	20.8	23.3	20.2	32.8	24.5	36.5
Avg SO_x	10.6		22.1		26.5		30.5	
PM ₁₀	31.7	24.6	55.6	62.1	53.9	87.6	65.3	97.4
Avg PM₁₀	28.2		58.9		70.8		81.4	
CO	59.1	45.8	103.5	115.5	100.3	163.1	121.5	181.4
Avg CO	52.5		109.5		131.7		151.5	
VOC	23.0	17.8	40.2	44.9	39.0	63.4	47.2	70.5
Avg VOC	20.4		42.6		51.2		58.9	

Historical Actual Emission (HAE) for Permit N-1787-6 through -10

HAE = Emission Factor (lb-PM10/ton) x Fuel Usage (MMBtu/qtr)

Typical calculation is shown below:

2013 1st qtr for NO_x = 0.135 lb/MMBtu x 10,880.00 MMBtu/qtr = 1,468.8 lb-PM10/qtr

The remaining calculations are summarized in the following tables for years 2013 and 2014:

Pollutant	HAE for 2013 1st Qtr		
	EF (lb/MMBtu)	Heat Input (MMBtu/qtr)	HAE (lb/qtr)
NO_x	0.135	10,880.00	1,468.8
SO_x	0.00285	10,880.00	31.0
PM₁₀	0.0076	10,880.00	82.7
CO	0.084	10,880.00	913.9
VOC	0.0055	10,880.00	59.8

Pollutant	HAE for 2013 2nd Qtr		
	EF (lb/MMBtu)	Heat Input (MMBtu/qtr)	HAE (lb/qtr)
NO_x	0.135	32,267.00	4,356.0
SO_x	0.00285	32,267.00	92.0
PM₁₀	0.0076	32,267.00	245.2
CO	0.084	32,267.00	2,710.4
VOC	0.0055	32,267.00	177.5

Pollutant	HAE for 2013 3rd Qtr		
	EF (lb/MMBtu)	Heat Input (MMBtu/qtr)	HAE (lb/qtr)
NO_x	0.135	85,110.00	11,489.9
SO_x	0.00285	85,110.00	242.6
PM₁₀	0.0076	85,110.00	646.8
CO	0.084	85,110.00	7,149.2
VOC	0.0055	85,110.00	468.1

Pollutant	HAE for 2013 4th Qtr		
	EF (lb/MMBtu)	Heat Input (MMBtu/qtr)	HAE (lb/qtr)
NO_x	0.135	40,090.00	5,412.2
SO_x	0.00285	40,090.00	114.3
PM₁₀	0.0076	40,090.00	304.7
CO	0.084	40,090.00	3,367.6
VOC	0.0055	40,090.00	220.5

Pollutant	HAE for 2014 1st Qtr		
	EF (lb/MMBtu)	Heat Input (MMBtu/qtr)	HAE (lb/qtr)
NO_x	0.135	16,999.00	2,294.9
SO_x	0.00285	16,999.00	48.4
PM₁₀	0.0076	16,999.00	129.2
CO	0.084	16,999.00	1,427.9
VOC	0.0055	16,999.00	93.5

Pollutant	HAE for 2014 2nd Qtr		
	EF (lb/MMBtu)	Heat Input (MMBtu/qtr)	HAE (lb/qtr)
NO_x	0.135	51,460.00	6,947.1
SO_x	0.00285	51,460.00	146.7
PM₁₀	0.0076	51,460.00	391.1
CO	0.084	51,460.00	4,322.6
VOC	0.0055	51,460.00	283.0

Pollutant	HAE for 2014 3rd Qtr		
	EF (lb/MMBtu)	Heat Input (MMBtu/qtr)	HAE (lb/qtr)
NO_x	0.135	81,032.00	10,939.3
SO_x	0.00285	81,032.00	230.9
PM₁₀	0.0076	81,032.00	615.8
CO	0.084	81,032.00	6,806.7
VOC	0.0055	81,032.00	445.7

Pollutant	HAE for 2014 4th Qtr		
	EF (lb/MMBtu)	Heat Input (MMBtu/qtr)	HAE (lb/qtr)
NO_x	0.135	46,848.00	6,324.5
SO_x	0.00285	46,848.00	133.5
PM₁₀	0.0076	46,848.00	356.0
CO	0.084	46,848.00	3,935.2
VOC	0.0055	46,848.00	257.7

HAE (lb-PM10/qtr)								
	2013 1 st qtr	2014 1 st qtr	2013 2 nd qtr	2014 2 nd qtr	2013 3 rd qtr	2014 3 rd qtr	2013 4 th qtr	2014 4 th qtr
NO _x	1,468.8	2,294.9	4,356.0	6,947.1	11,489.9	10,939.3	5,412.2	6,324.5
Avg NO_x	1,881.9		5,651.6		11,214.6		5,868.4	
SO _x	31.0	48.4	92.0	146.7	242.6	230.9	114.3	133.5
Avg SO_x	39.7		119.4		236.8		123.9	
PM10	82.0	129.2	245.2	391.1	646.8	615.8	304.7	356.0
Avg PM10	105.6		318.2		631.3		330.4	
CO	913.9	1,427.9	2,710.4	4,322.6	7,149.2	6,806.7	3,367.6	3,935.2
Avg CO	1,170.9		3,516.5		6,978.0		3,651.4	
VOC	59.8	93.5	177.5	283.0	468.1	445.7	220.5	257.7
Avg VOC	76.7		230.3		456.9		239.1	

Historical Actual Emission (HAE) for Permit N-1787-12

$HAE_{PM10} = \text{Emission Factor (lb-PM10/ton)} \times \text{Throughput (tons/qtr)}$

Typical calculation is shown below:

2013 1st qtr = 0.206 lb-PM10/ton x 221.54 tons/qtr = 45.6 lb-PM10/qtr

The remaining calculations are summarized in the following tables for years 2013 and 2014:

2013 HAE (lb-PM10/qtr)			
1st qtr	2nd qtr	3rd qtr	4th qtr
45.6	72.2	255.0	180.3
2014 HAE (lb-PM10/qtr)			
1st qtr	2nd qtr	3rd qtr	4th qtr
43.3	93.1	206.5	152.1
Average HAE (lb-PM10/qtr)			
1st qtr	2nd qtr	3rd qtr	4th qtr
44.5	82.7	230.8	166.2

Historical Actual Emission (HAE) for Permit N-1787-13

$HAE = \text{Emission Factor (lb-PM10/ton)} \times \text{Fuel Usage (MMBtu/qtr)}$

Typical calculation is shown below:

2013 3rd qtr for NO_x = 0.00785 lb/MMBtu x 27,006.00 MMBtu/qtr = 212.0 lb-NO_x/qtr

The remaining calculations are summarized in the following tables for years 2013 and 2014:

Pollutant	HAE for 2013 1st and 2nd Qtr		
	EF (lb/MMBtu)	Heat Input (MMBtu/qtr)	HAE (lb/qtr)
NO_x	0.00785	0.00	0.0
SO_x	0.00070	0.00	0.0
PM₁₀	0.0060	0.00	0.0
CO	0.00555	0.00	0.0
VOC	0.0040	0.00	0.0

Pollutant	HAE for 2013 3rd Qtr		
	EF (lb/MMBtu)	Heat Input (MMBtu/qtr)	HAE (lb/qtr)
NO_x	0.00785	27,006.00	212.0
SO_x	0.00070	27,006.00	18.9
PM₁₀	0.0060	27,006.00	162.0
CO	0.00555	27,006.00	149.9
VOC	0.0040	27,006.00	108.0

Pollutant	HAE for 2013 4th Qtr		
	EF (lb/MMBtu)	Heat Input (MMBtu/qtr)	HAE (lb/qtr)
NO_x	0.00785	40,090.00	314.7
SO_x	0.00070	40,090.00	28.1
PM₁₀	0.0060	40,090.00	240.5
CO	0.00555	40,090.00	222.5
VOC	0.0040	40,090.00	160.4

Pollutant	HAE for 2014 1st Qtr		
	EF (lb/MMBtu)	Heat Input (MMBtu/qtr)	HAE (lb/qtr)
NO_x	0.00785	16,999.00	133.4
SO_x	0.00070	16,999.00	11.9
PM₁₀	0.0060	16,999.00	102.0
CO	0.00555	16,999.00	94.3
VOC	0.0040	16,999.00	68.0

Pollutant	HAE for 2014 2nd Qtr		
	EF (lb/MMBtu)	Heat Input (MMBtu/qtr)	HAE (lb/qtr)
NO_x	0.00785	51,460.00	404.0
SO_x	0.00070	51,460.00	36.0
PM₁₀	0.0060	51,460.00	308.8
CO	0.00555	51,460.00	285.6
VOC	0.0040	51,460.00	205.8

Pollutant	HAE for 2014 3rd Qtr		
	EF (lb/MMBtu)	Heat Input (MMBtu/qtr)	HAE (lb/qtr)
NO_x	0.00785	81,062.00	636.3
SO_x	0.00070	81,062.00	56.7
PM₁₀	0.0060	81,062.00	486.4
CO	0.00555	81,062.00	449.9
VOC	0.0040	81,062.00	324.2

Pollutant	HAE for 2014 4th Qtr		
	EF (lb/MMBtu)	Heat Input (MMBtu/qtr)	HAE (lb/qtr)
NO_x	0.00785	46,848.00	367.8
SO_x	0.00070	46,848.00	32.8
PM₁₀	0.0060	46,848.00	281.1
CO	0.00555	46,848.00	260.0
VOC	0.0040	46,848.00	187.4

HAE (lb-PM10/qtr)								
	2013 1 st qtr	2014 1 st qtr	2013 2 nd qtr	2014 2 nd qtr	2013 3 rd qtr	2014 3 rd qtr	2013 4 th qtr	2014 4 th qtr
NO _x	0.0	133.4	0.0	404.0	212.0	636.3	314.7	367.8
Avg NO_x	66.7		202.0		424.2		341.3	
SO _x	0.0	11.9	0.0	36.0	18.9	56.7	28.1	32.8
Avg SO_x	6.0		18.0		37.8		30.5	
PM ₁₀	0.0	102.0	0.0	308.8	162.0	486.4	240.5	281.1
Avg PM₁₀	51.0		154.4		324.2		260.8	
CO	0.0	94.3	0.0	285.6	149.9	449.9	222.5	260.0
Avg CO	47.2		142.8		299.9		241.3	
VOC	0.0	68.0	0.0	205.8	108.0	324.2	160.4	187.4
Avg VOC	34.0		102.9		216.1		173.9	

Historical Actual Emission (HAE) for Permit N-1787-14 & -15

Since the emission factors for units -14 and -15 are the same, the calculation for both units will be done in this one section.

HAE = Emission Factor (lb-PM10/ton) x Fuel Usage (MMBtu/qtr)

Typical calculation is shown below:

2013 2nd qtr for NO_x = 0.011 lb/MMBtu x 0.10 MMBtu/qtr = 0.0 lb-NO_x/qtr

The remaining calculations are summarized in the following tables for years 2013 and 2014:

Pollutant	HAE for 2013 1st Qtr		
	EF (lb/MMBtu)	Heat Input (MMBtu/qtr)	HAE (lb/qtr)
NO_x	0.011	0.23	0.0
SO_x	0.00285	0.23	0.0
PM₁₀	0.0076	0.23	0.0
CO	0.084	0.23	0.0
VOC	0.0055	0.23	0.0

Pollutant	HAE for 2013 2nd Qtr		
	EF (lb/MMBtu)	Heat Input (MMBtu/qtr)	HAE (lb/qtr)
NO_x	0.011	0.10	0.0
SO_x	0.00285	0.10	0.0
PM₁₀	0.0076	0.10	0.0
CO	0.084	0.10	0.0
VOC	0.0055	0.10	0.0

Pollutant	HAE for 2013 3rd Qtr		
	EF (lb/MMBtu)	Heat Input (MMBtu/qtr)	HAE (lb/qtr)
NO_x	0.011	0.10	0.0
SO_x	0.00285	0.10	0.0
PM₁₀	0.0076	0.10	0.0
CO	0.084	0.10	0.0
VOC	0.0055	0.10	0.0

Pollutant	HAE for 2013 4th Qtr		
	EF (lb/MMBtu)	Heat Input (MMBtu/qtr)	HAE (lb/qtr)
NO_x	0.011	0.25	0.0
SO_x	0.00285	0.25	0.0
PM₁₀	0.0076	0.25	0.0
CO	0.084	0.25	0.0
VOC	0.0055	0.25	0.0

Pollutant	HAE for 2014 1st Qtr		
	EF (lb/MMBtu)	Heat Input (MMBtu/qtr)	HAE (lb/qtr)
NO_x	0.011	0.11	0.0
SO_x	0.00285	0.11	0.0
PM₁₀	0.0076	0.11	0.0
CO	0.084	0.11	0.0
VOC	0.0055	0.11	0.0

Pollutant	HAE for 2014 2nd Qtr		
	EF (lb/MMBtu)	Heat Input (MMBtu/qtr)	HAE (lb/qtr)
NO_x	0.011	0.15	0.0
SO_x	0.00285	0.15	0.0
PM₁₀	0.0076	0.15	0.0
CO	0.084	0.15	0.0
VOC	0.0055	0.15	0.0

Pollutant	HAE for 2014 3rd Qtr		
	EF (lb/MMBtu)	Heat Input (MMBtu/qtr)	HAE (lb/qtr)
NO_x	0.011	0.18	0.0
SO_x	0.00285	0.18	0.0
PM₁₀	0.0076	0.18	0.0
CO	0.084	0.18	0.0
VOC	0.0055	0.18	0.0

Pollutant	HAE for 2014 4th Qtr		
	EF (lb/MMBtu)	Heat Input (MMBtu/qtr)	HAE (lb/qtr)
NO_x	0.011	2.55	0.0
SO_x	0.00285	2.55	0.0
PM₁₀	0.0076	2.55	0.0
CO	0.084	2.55	0.2
VOC	0.0055	2.55	0.0

HAE (lb-PM10/qtr)								
	2013 1 st qtr	2014 1 st qtr	2013 2 nd qtr	2014 2 nd qtr	2013 3 rd qtr	2014 3 rd qtr	2013 4 th qtr	2014 4 th qtr
NOx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Avg NOx	0.0		0.0		0.0		0.0	
SOx	0.0	0.0	0.0	0.0	18.9	0.0	0.0	0.0
Avg SOx	0.0		0.0		0.0		0.0	
PM10	0.0	0.0	0.0	0.0	162.0	0.0	0.0	0.0
Avg PM10	0.0		0.0		0.0		0.0	
CO	0.0	0.0	0.0	0.0	149.9	0.0	0.0	0.2
Avg CO	0.0		0.0		0.0		0.1	
VOC	0.0	0.0	0.0	0.0	108.0	0.0	0.0	0.0
Avg VOC	0.0		0.0		0.0		0.0	

Historical Actual Emission (HAE) for NOx for All Units

HAE NOx (lb/qtr)				
Permit Unit	1 st Quarter	2 nd Quarter	3 rd Quarter	4 th Quarter
N-1787-4	29.7	61.9	74.5	85.6
N-1787-6 thru -10	1,881.9	5,651.6	11,214.6	5,868.4
N-1787-13	66.7	202.0	424.2	341.3
N-1787-14 & -15	0.0	0.0	0.0	0.0
Total NOx	1,978	5,916	11,713	6,295

Historical Actual Emission (HAE) for SOx for All Units

HAE SOx (lb/qtr)				
Permit Unit	1 st Quarter	2 nd Quarter	3 rd Quarter	4 th Quarter
N-1787-4	10.6	22.1	26.5	30.5
N-1787-6 thru -10	39.7	119.4	236.8	123.9
N-1787-13	6.0	18.0	37.8	30.5
N-1787-14 & -15	0.0	0.0	0.0	0.0
Total SOx	56	160	301	185

Historical Actual Emission (HAE) for PM for All Units

HAE PM10 (lb/qtr)					
Permit Unit	PM2.5/PM10 Fraction ²	1 st Quarter	2 nd Quarter	3 rd Quarter	4 th Quarter
N-1787-1	6.96%	0.3	0.5	1.7	1.1
N-1787-2	6.96%	27.6	50.1	144.8	37.4
N-1787-4	98.64%	28.2	58.9	70.8	81.4
N-1787-6 thru -10	98.64%	105.6	318.2	631.3	330.4
N-1787-12	6.96%	44.5	82.7	230.8	166.2
N-1787-13	98.64%	51.0	154.4	324.2	260.8
N-1787-14 & -15	98.64%	0.0	0.0	0.0	0.0
Total PM10		257	665	1,404	877

HAE PM2.5 (lb/qtr)					
Permit Unit	PM2.5/PM10 Fraction	1 st Quarter	2 nd Quarter	3 rd Quarter	4 th Quarter
N-1787-1	6.96%	0.0	0.0	0.1	0.1
N-1787-2	6.96%	1.9	3.5	10.1	2.6
N-1787-4	98.64%	27.8	58.1	69.8	80.3
N-1787-6 thru -10	98.64%	104.2	313.9	622.7	325.9
N-1787-12	6.96%	3.1	5.8	16.1	11.6
N-1787-13	98.64%	50.3	152.3	319.8	257.3
N-1787-14 & -15	98.64%	0.0	0.0	0.0	0.0
Total PM2.5		187	534	1,039	678

² Pursuant to 2016 Ozone SIP Planning Inventory v1.01

Historical Actual Emission (HAE) for CO for All Units

HAE CO (lb/qtr)				
Permit Unit	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
N-1787-4	52.5	109.5	131.7	151.5
N-1787-6 thru -10	1,170.9	3,516.5	6,978.0	3,651.4
N-1787-13	47.2	142.8	299.9	241.3
N-1787-14 & -15	0.0	0.0	0.0	0.1
Total CO	1,271	3,769	7,410	4,044

Historical Actual Emission (HAE) for VOC for All Units

HAE VOC (lb/qtr)				
Permit Unit	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
N-1787-4	20.4	42.6	51.2	58.9
N-1787-6 thru -10	76.7	230.3	456.9	239.1
N-1787-13	34.0	102.9	216.1	173.9
N-1787-14 & -15	0.0	0.0	0.0	0.0
Total VOC	131	376	724	472

Appendix IV

Draft Emissions Reductions Credit Certificates

San Joaquin Valley
Air Pollution Control District

Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718

Emission Reduction Credit Certificate

N-1359-1

ISSUED TO: OLAM
ISSUED DATE: <DRAFT>
LOCATION OF REDUCTION: 705 E WHITMORE AVE
MODESTO, CA 95358-9408

For VOC Reduction In The Amount Of:

Quarter 1	Quarter 2	Quarter 3	Quarter 4
118 lbs	338 lbs	652 lbs	425 lbs

☐ Conditions Attached

Method Of Reduction

- ☐ Shutdown of Entire Stationary Source
☒ Shutdown of Emissions Units
☐ Other

Shutdown of vegetable drying and processing facility

Use of these credits outside the San Joaquin Valley Unified Air Pollution Control District (SJVUAPCD) is not allowed without express written authorization by the SJVUAPCD.

Seyed Sadredin, Executive Director / APCO

Arnaud Marjollet, Director of Permit Services

San Joaquin Valley
Air Pollution Control District

Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718

Emission Reduction Credit Certificate

N-1359-2

ISSUED TO: OLAM
ISSUED DATE: <DRAFT>
LOCATION OF REDUCTION: 705 E WHITMORE AVE
MODESTO, CA 95358-9408

For NOx Reduction In The Amount Of:

Quarter 1	Quarter 2	Quarter 3	Quarter 4
1,780 lbs	5,324 lbs	10,542 lbs	5,665 lbs

☐ Conditions Attached

Method Of Reduction

- ☐ Shutdown of Entire Stationary Source
☒ Shutdown of Emissions Units
☐ Other

Shutdown of vegetable drying and processing facility

Use of these credits outside the San Joaquin Valley Unified Air Pollution Control District (SJVUAPCD) is not allowed without express written authorization by the SJVUAPCD.

Seyed Sadredin, Executive Director / APCO

Arnaud Marjollet, Director of Permit Services

San Joaquin Valley
Air Pollution Control District

Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718

Emission Reduction Credit Certificate

N-1359-3

ISSUED TO: OLAM
ISSUED DATE: <DRAFT>
LOCATION OF REDUCTION: 705 E WHITMORE AVE
MODESTO, CA 95358-9408

For CO Reduction In The Amount Of:

Quarter 1	Quarter 2	Quarter 3	Quarter 4
1,144 lbs	3,392 lbs	6,669 lbs	3,640 lbs

☐ Conditions Attached

Method Of Reduction

- ☐ Shutdown of Entire Stationary Source
☒ Shutdown of Emissions Units
☐ Other

Shutdown of vegetable drying and processing facility

Use of these credits outside the San Joaquin Valley Unified Air Pollution Control District (SJVUAPCD) is not allowed without express written authorization by the SJVUAPCD.

Seyed Sadredin, Executive Director / APCO

Arnaud Marjollet, Director of Permit Services

San Joaquin Valley
Air Pollution Control District

Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718

Emission Reduction Credit Certificate

N-1359-4

ISSUED TO: OLAM
ISSUED DATE: <DRAFT>
LOCATION OF REDUCTION: 705 E WHITMORE AVE
MODESTO, CA 95358-9408

For PM10 Reduction In The Amount Of:

Quarter 1	Quarter 2	Quarter 3	Quarter 4
231 lbs	598 lbs	1,264 lbs	789 lbs

☐ Conditions Attached

Method Of Reduction

- ☐ Shutdown of Entire Stationary Source
☒ Shutdown of Emissions Units
☐ Other

Shutdown of vegetable drying and processing facility

Use of these credits outside the San Joaquin Valley Unified Air Pollution Control District (SJVUAPCD) is not allowed without express written authorization by the SJVUAPCD.

Seyed Sadredin, Executive Director / APCO

Arnaud Marjollet, Director of Permit Services

San Joaquin Valley
Air Pollution Control District

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Emission Reduction Credit Certificate

N-1359-5

ISSUED TO: OLAM
ISSUED DATE: <DRAFT>
LOCATION OF REDUCTION: 705 E WHITMORE AVE
MODESTO, CA 95358-9408

For SOx Reduction In The Amount Of:

Quarter 1	Quarter 2	Quarter 3	Quarter 4
50 lbs	144 lbs	271 lbs	166 lbs

☐ Conditions Attached

Method Of Reduction

- ☐ Shutdown of Entire Stationary Source
☒ Shutdown of Emissions Units
☐ Other

Shutdown of vegetable drying and processing facility

Use of these credits outside the San Joaquin Valley Unified Air Pollution Control District (SJVUAPCD) is not allowed without express written authorization by the SJVUAPCD.

Seyed Sadredin, Executive Director / APCO

Arnaud Marjollet, Director of Permit Services