

January 22, 2026

Jeff Hamilton
Westside Farmers Coop. Gin
8587 S Contra Costa Rd
Tanquillity, CA 93668

Re: Notice of Preliminary Decision – Emission Reduction Credits
Facility Number: C-1392
Project Number: C-1234614

Dear Mr. Hamilton:

Enclosed for your review and comment is the District's analysis of Westside Farmers Coop. Gin's application for Emission Reduction Credits (ERCs) resulting from the shut down of an existing cotton ginning operation (C-1392-1), at 8587 S Contra Costa Rd, Tranquillity. The quantity of ERCs proposed for banking is 540 lb-NOx/yr, 88 lb-SOx/yr, 13,441 lb-PM10/yr, 2,150 lb-PM2.5/yr, 1,578 lb-CO/yr, and 47 lb-VOC/yr.

The notice of preliminary decision for this project has been posted on the District's website (www.valleyair.org). 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. Christian Machado of Permit Services at (559) 230-6184.

Sincerely,

Brian Clements

Brian Clements
Director of Permit Services

BC:cm

Enclosures

cc: Courtney Graham, CARB (w/ enclosure) via email
EPA Region 9 Air Permitting Manager (w/ enclosure) via EPS
Chris McGlothlin, CCGGA (via email)
Roger Isom, CCGGA (via email)

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San Joaquin Valley Air Pollution Control District

ERC Banking Application Review

Shutdown of Cotton Ginning Operation

Facility Name: Westside Farmers Coop. Gin
Mailing Address: 8587 S Contra Costa Rd
Tranquillity, CA 93668
Contact Person: Jeff Hamilton
Telephone: (559) 223-8815
E-Mail: jhamilton9080@gmail.com
Application Received: December 7, 2023
Deemed Complete: July 29, 2024
Project Number: C-1234614

Date: January 22, 2026

Engineer: Christian Machado

Lead Engineer: Derek Fukuda

ERC Certificate Numbers: C-1583-1, '-2, '-3, '-4, and '-5

I. Summary

Westside Farmers Coop. Gin operated a cotton ginning facility in Tranquillity, CA. On December 7, 2023, the District received an application from the operator who surrendered the Permit to Operate, C-1392-1, for the cotton gin and requested Emission Reduction Credits (ERCs) for VOC, NOx, CO, PM10, and SOx. A copy of the surrendered Permit to Operate (PTO) is attached (Attachment A) and the permit has been cancelled. During the last season of operation in 2022, the facility processed 12,552 bales of cotton.

Based on the historical operating data prior to the shutdown taken from the District's Emission Inventory, the amounts of bankable ERCs (as calculated in Section V of this document) are shown in the table below. The calculations in Section V are according to the provisions of District Rules 2201 and 2301.

Bankable Emissions Reductions Credits (ERCs)					
Pollutant	1 st Qtr ERC (lb/qtr)	2 nd Qtr ERC (lb/qtr)	3 rd Qtr ERC (lb/qtr)	4 th Qtr ERC (lb/qtr)	Total ERCs (lb/year)
NOx	197	0	0	343	540
SOx	32	0	0	56	88
PM10	4,914	0	0	8,527	13,441
PM2.5	786	0	0	1,364	2,150
CO	577	0	0	1,001	1,578
VOC	17	0	0	30	47

II. Applicable Rules

Rule 2201 New and Modified Stationary Source Review Rule (4/20/23)
Rule 2301 Emission Reduction Credit Banking (4/20/23)

III. Project Location

The emissions unit is located at 8587 S Contra Costa Rd in Tranquillity, CA.

IV. Method of Generating Reductions

The AER's were generated by shutting down a cotton gin. The equipment description for the unit is as follows:

C-1392-1-13: COTTON GIN #4 (ROLLER GIN) CONSISTING OF UNLOADING AND MODULE FEEDER SYSTEM, FOUR HOT AIR CLEANERS, EIGHT LINT CLEANERS, 20 LUMMUS ROLLER GIN STANDS, HOT AIR CLEANERS, OVERFLOWS, TWO LINT CLEANERS, TWO CONDENSERS, FIVE 4 MMBTU/HR LPG-FIRED DRYERS AND ONE 3 MMBTU/HR LPG-FIRED DRYER, ONE 1.5 MMBTU/HR LPG-FIRED SAMUEL JACKSON HUMIDAIRE UNIT, AND TRASH/ROBBER SYSTEM SERVED BY 33 1D-3D CYCLONE COLLECTORS

The gin was limited by permit condition to a not exceed 180 tons of baled cotton/day (720 bales/day, corrected to 500 lb bales). PTO C-1392-1-13 was surrendered on June 30, 2023.

V. Calculations

A. Assumptions

Particulate Emissions from Ginning Operation:

- Annual criteria pollutant emissions are rounded to the nearest pound and annual GHG emissions are rounded to the nearest metric ton (District practice).
- Ginning rate not to exceed 180 tons of baled cotton/day (720 bales/day, corrected to 500 lb bales) (permit limit).
- Based on applicant information for the operating seasons prior to the shutdown (from 2018 to 2022), shown below, the typical operating schedule is 24 hours per day, 57 days average per year in the fourth quarter, and 21 days average per year in the first quarter (per applicant).
- PM_{2.5} fraction (% of the PM₁₀ that is also PM_{2.5}) = 16% ("Characterization of Cotton Gin Particulate Matter Emissions". United States Department of Agriculture, Agricultural Research Service)¹.

¹ <https://www.cotton.org/journal/2012-16/2/upload/JCS16-105.pdf>

Cotton Gin Operating Dates					
Season	2018	2019	2020	2021	2022
Start date	November 1, 2018	November 3, 2019	November 2, 2020	November 8, 2021	November 7, 2022
End date	January 22, 2019	February 15, 2020	January 15, 2021	December 31, 2021	January 23, 2023
4 th Quarter days	60	58	59	53	54
1 st Quarter days	22	46	15	0	23
No. of Bales	7,700	28,724	18,919	8,189	12,552

LPG Combustion from Cotton Dryers:

- The cotton gin included five 4.0 MMBtu/hr, one 3.0 MMBtu/hr, and one 1.5 MMBtu/hr burners. All burners were fired on LPG.
- Conversion: 1,000 kg = 1 metric ton.
- Conversion: 0.094 MMBtu/gal (AP-42, Appendix A, pg. 5, dated 9/85).

The applicant provided production and fuel usage records for the last ten years. In instances where the applicant-provided production rate or fuel quantity does not match the emissions inventory submitted for that year, the most conservative (lowest) values will be used in calculations. The following table shows the most conservative (lowest) cotton production and fuel usage data from either the applicant or the emission inventory.

Production and Fuel Use Data		
Year	Roller Gin Production (Bales)	LPG Used (Gallons)
2022	12,552	59,975
2021	8,189	27,018
2020	18,919	45,770
2019	28,724	91,440
2018	7,700	36,280
2017	14,605	21,670
2016	17,327	43,790
2015	16,304	44,680
2014	16,343	44,900
2013	28,800	75,450
Average	16,946	49,097

B. Emission Factors (EF)

Cotton Ginning Emissions

The PTO allowed the operation of a roller-type cotton gin and included emission limits for the ginning. The overall emission limit on the PTO for roller-type gin operation was 1.11 lb-PM10/bale (see Attachment A, permit condition # 6).

District Policy APR 1110 *Use of Revised Generally Accepted Emission Factors* establishes “criteria for the use of emission factors and to address New Source Review (NSR) and Emission Reduction Credits (ERCs) issues when using revised Generally Accepted Emission Factors”. Basically, the policy directs the use of emission factors (EF) that reflect “best data” when estimating emissions. For example, where facility-specific Continuous Emissions Monitoring or source test data is available, it will be used (unless it is in violation of permit conditions or other requirements).

The cotton gin was last source tested in 2004 for the #2 pre-cleaning, overflow, and #2 lint cleaning systems of the roller gin². Although this cotton gin has undergone several modifications since this source test, these systems have not undergone any changes that would invalidate these source test results. As such, the source test data is still valid for these systems and shall be used. However, for equipment where there are no applicable facility-specific source test data, such as the other systems in the roller gin, the most accurate EF information is data from the California Cotton Ginners Association (CCGA) Handbook which is based on a compilation of EFs from source tests on Valley cotton gins.

The EFs from the 2004 source test, CCGA Handbook, and the PTO are shown in the following tables for the gin. The following tables also summarize the best emission factor for use in calculations. Note that no emission factor that is higher than the permit limit will be used for calculating emissions for the operations.

² See Attachment E.

Roller Gin

Comparison of 2010 CCGA Handbook Emission Factors and the Permitted Emissions Factors Roller Gin					
System	Cyclone Design	Source Test Result (lb-PM10/bale)	CCGA EFs (lb-PM10/bale)	PTO EFs (lb-PM10/bale)	EF Used for Calculations (lb-PM10/bale)
Unloading	1D-3D	No Data	0.22	0.22	0.22
#1 Pre-cleaning	1D-3D	No Data	0.22	0.22	0.22
#2 Pre-cleaning	1D-3D	0.2214	0.12	0.244	0.12
Overflow/Gin Stand	1D-3D	0.1279	0.02	0.141	0.02
Feeder Trash	1D-3D	No Data	0.04	0.04	0.04
#1 Lint Cleaning	1D-3D	No Data	0.02	0.02	0.02
#2 Lint Cleaning	1D-3D	0.0782	0.04	0.086	0.04
Lint Trash/Robber	1D-3D	No Data	0.02	0.02	0.02
Lint Cleaner Trash	1D-3D	No Data	0.05	0.05	0.05
Battery Condenser	1D-3D	No Data	0.07	0.07	0.07
Total		0.1425	0.82	1.111	0.82

As shown above, the emissions factor for the roller gin operation is 0.82 lb-PM10/bale, which is based on the comparison of CCGA Handbook and permit condition emission factors. Pursuant to District practice, the lowest emission factor for each system, based on these two sources, was used to determine an overall emission factor for the roller gin.

LPG Combustion:

The cotton gin included burners that provided heated air to control the moisture content of the cotton. These burners were fired on LPG and ERCs are requested from their shutdown. The PTO contains LPG combustion emission factors, so the EFs for LPG combustion shall be referenced from the PTO.

Burner Emission Factors		
Operation	Emission Rate	Source
LPG combustion in the heater	0.1 lb-NOx/MMBtu	Current PTO
	0.0164 lb-SOx/MMBtu	Current PTO
	0*	AP-42, Table 1.5-1 (10/96)
	0.292 lb-CO/MMBtu	Current PTO
	0.0087 lb-VOC/MMBtu	Current PTO

*Since combustion emissions from the dryers are discharged through the cyclones, the dryer PM10 emissions are included with the ginning cyclone emission factors.

C. Baseline Period Determination and Data

Baseline Period Determination

In accordance with District Rule 2201, Section 3.9, the baseline period is the two consecutive years of operation immediately prior to the submission of the complete application, or another 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 operations.

The PTO for the cotton ginning operation was surrendered by the facility on June 30, 2023, and the application to bank the ERCs from the shutdown of the operation was received on December 7, 2023. The applicant provided Ginning Summary records on the Cotton Gins Supplemental Application Form (see Attachment C this document) that show the last production season ended in 2022 (January 23, 2023 was the end of the last production season for this site per the applicant's records).

Since cotton ginning is a seasonal operation, as shown previously in Section V.A of this document in the table "Cotton Gin Operation Dates", the periods in between operating seasons cannot be used to determine normal source operation. Therefore, the period from November 2018 through the end of 2022 will be used as the five year period of normal operation from which the baseline period will be determined.

Baseline Period Determination Data

The ginning operation was seasonal, with the actual annual throughput depending on the size of the cotton harvest. Because the harvest can vary significantly from year to year, a ten-year average will be used to determine the normal source operation (NSO). Cotton throughput and LPG usage was provided by the operator and is shown below. This data matches the information provided in the annual emissions inventory surveys for this period.

The appropriate cotton throughput and fuel usage values are shown in the table below.

The difference between the two-year average and NSO is calculated using the following formula:

$$\text{Difference} = [(\text{Year 1 Rate} + \text{Year 2 Rate}) \div 2] - (10 - \text{year Average Rate})$$

An example calculation of the difference (absolute value) is shown below for the 2018 and 2019 period.

$$\begin{aligned} \text{Difference} &= [(7,700 \text{ bales} + 28,724 \text{ bales}) \div 2] - 16,946 \text{ bales} \\ &= 18,212 \text{ bales} - 16,946 \text{ bales} \\ &= 1,266 \text{ bales/year} \end{aligned}$$

The calculation is repeated in the following table for cotton production and fuel usage for each two-year period in the five year period from 2018 to 2022. Note that, as previously discussed in Section V.A, production records for the past 10 years are shown for the purpose of determining the normal source operation (NSO) are shown on the following table:

Production Data				
Season	Throughput (Bales/year)	LPG (Gallons/year)	Difference between two-year average and NSO (Bales/year)	Difference between two-year average and NSO (Gallons/year)
2022	12,552	59,975	-6,576 [2022-2021]	-5,601 [2022-2021]
2021	8,189	27,018	-3,392 [2021-2020]	-12,703 [2021-2020]
2020	18,919	45,770	6,876 [2020-2019]	19,508 [2020-2019]
2019	28,724	91,440	1,266 [2019-2018]	14,763 [2019-2018]
2018	7,700	36,280	-5,794 [2018-2017]	-20,122 [2018-2017]
2017	14,605	21,670		
2016	17,327	43,790		
2015	16,304	44,680		
2014	16,343	44,900		
2013	28,800	75,450		
10-year Average	16,946	49,097		

For the five years immediately preceding the shutdown (2018-2022), the period matching the normal source operation (NSO) ten-year average is 2018-2019. Therefore, the baseline period is 2018-2019.

- Based on the data shown in the table above, the average annual throughput during the baseline period was 18,212 bales and the average annual LPG consumption was 63,860 gallon per year.
- Annual quantity of bales ginned was limited by a permit condition to 71,428 bale/yr, so the calculated average does not exceed the permitted amount³.
- LPG consumption was limited by a permit condition to 114,754 gal/year, so the calculated average does not exceed the permitted amount.

³ Permit condition #7 in PTO C-1392-1-13 limits annual PM10 emissions from the cotton gin to 79,285 lb/year. Adjusting this limit using the emission factor provided in condition #6 (1.11 lb-PM10/bale) equates to an annual bale limit of 71,428 bale/year as calculated below:

$$79,285 \text{ (lb-PM10/year)} / 1.11 \text{ (lb-PM10/bale)} = 71,428 \text{ (bale/year)}$$

D. Historical Actual Emissions (HAE)

The Historical Actual Emissions (HAE) are calculated using the following formulas and the emission factors and throughputs as discussed above. Results are shown in the following tables:

Cotton Ginning HAE – Roller Gin

$$HAE_{\text{roller ginning, PM10}} = EF, \text{ lb/bale} \times 18,212 \text{ bales/year}$$

Historical Actual Emissions (HAE_{roller ginning})			
Pollutant	EF (lb-PM10/bale)	Throughput (bales/year)	HAE (lb/year)
PM10	0.82	18,212	14,934

$$HAE_{\text{roller ginning, PM2.5}} = \text{PM10 HAE, lb-PM10/year} \times \text{PM2.5 fraction, 16\%}$$

Historical Actual Emissions (HAE_{roller ginning})			
Pollutant	PM10 HAE (lb-PM10/year)	PM2.5 fraction (%)	HAE (lb/year)
Portion of PM10 that is PM2.5	14,934	0.16	2,389

LPG Combustion HAE

$$HAE_{\text{LPG}} = EF, \text{ lb/MMBtu} \times 63,860 \text{ gallon/year} \times 0.094 \text{ MMBtu/gallon}$$

Historical Actual Emissions (HAE_{LPG})				
Pollutant	EF (lb/MMBtu)	Throughput (gallons/year)	Conversion (MMBtu/gallons)	HAE (lb/year)
NOx	0.1	63,860	0.094	600
SOx	0.0164	63,860	0.094	98
PM10	0	63,860	0.094	0
CO	0.292	63,860	0.094	1,753
VOC	0.0087	63,860	0.094	52

E. Adjustment to Historical Actual Emissions (HAE)

Emissions Adjusted for Rule 4204 - Cotton Gins

Rule 4204 (Cotton Gins) requires cotton gins to use 1D-3D cyclones, with emissions equivalent to the emission factors from the latest revision of the CCGA handbook, by July 1, 2008. Pursuant to Section 3.26 of Rule 2201, Historical Actual Emissions must be discounted for any emissions reduction which is: required or encumbered by any laws, rules, regulations, agreements, orders, or, proposed in the District Air Quality Plan for attaining the annual reductions required by the California Clean Air Act. The cotton gin was in compliance with this rule at the time of the ERC application submittal. All the cotton gin's systems were controlled by 1D-3D cyclones. Therefore, no adjustments are needed for these systems.

Emissions Adjusted for Rule 4309 - Dryers, Dehydrators, and Ovens

District Rule 4309 (Dryers, Dehydrators, and Ovens), Section 4.1.6 specifically exempts units used to dry lint cotton or cotton at cotton gins. The dryers at this facility are used to dry cotton; therefore, the dryers in this operation are exempt from requirements of this rule and no adjustment is necessary.

Total Adjusted Historical Actual Emissions (HAE)

The total adjustment is equal to the sum of the adjusted parts. There were no adjustments made to the Historical Actual Emissions for NO_x, SO_x, PM₁₀, CO, or VOC. Therefore the HAE will be equal to the values calculated in Section V.C of this evaluation.

F. Post Project Potential to Emit (PE2)

As discussed above, the subject equipment has been permanently shut down and the PTO was surrendered to the District. Therefore, the PE2 = 0 for all emissions.

G. Air Quality Improvement Deduction

The air quality improvement deduction (AQID), per Rule 2201, Section 3.6, is 10% of the Actual Emission Reductions (AER), before the AER is eligible for banking. The criteria pollutant AER are adjusted for the AQID in the following table:

$$\text{AQID} = \text{AER} \times 10\%$$

AER Calculations		
Pollutant	AER (lb/year)	AQID (lb/year)
NOx	600	60
SOx	98	10
PM10	14,934	1,493
Portion of PM10 that is PM2.5	2,389	239
CO	1,753	175
VOC	52	5

H. Emission Reductions Eligible for Banking

As shown previously in Section V.A of this evaluation, for the 2018 and 2019 operating seasons, the facility operated for 60 days in the 4th quarter 2018 and 22 days in the 1st quarter 2019 and 58 days in the 4th quarter 2019 and 46 days in the 1st quarter 2020. Since there were actual emissions in the 1st and 4th quarters of the baseline period, the AER will be split between the two operating quarters. Since the facility does not have operating records of bales and fuel used per quarter, the following formula will be used to determine the quantity of 1st quarter AER as a percentage of the total AER. Calculations are shown in the table below.

$$1^{\text{st}} \text{ Qtr AER} = (\# \text{ of } 1^{\text{st}} \text{ Qtr Days} \div \text{Total \# of days}) \times 100$$

Determine 1st Quarter % of Total Operation			
Operating Season	1 st Qtr Days	Total Days	% Operation of Total in the 1 st Qtr
2018	22	82	26.83
2019	46	104	44.23
Average	34	93	36.56

As calculated in the table above, 36.56% of the bankable AER will be distributed to the first quarter and the remaining 63.44% (100% - 36.56% = 63.44%) will be distributed to the fourth quarter. The bankable ERCs for criteria pollutants are presented in lb/quarter in the following tables while the bankable ERCs for GHG are expressed in metric-tons/year.

First Quarter (Criteria Pollutants)

Bankable AER 1st Quarter				
Pollutant	AER (lb/year)	AQID (lb/year)	1 st Qtr Operation (%)	Bankable AER 1 st Qtr (lb/quarter)
NOx	600	60	36.56	197
SOx	98	10	36.56	32
PM10	14,934	1,493	36.56	4,914
Portion of PM10 that is PM2.5	2,389	239	36.56	786
CO	1,753	175	36.56	577
VOC	52	5	36.56	17

* Bankable AER = (AER – AQID) x 1st Qtr Operation %

Fourth Quarter (Criteria Pollutants)

Bankable ERCs 4th Quarter				
Pollutant	AER (lb/year)	AQID (lb/year)	4 th Qtr Operation (%)	Bankable AER 4 th Qtr (lb/quarter)
NOx	600	60	63.44	343
SOx	98	10	63.44	56
PM10	14,934	1,493	63.44	8,527
Portion of PM10 that is PM2.5	2,389	239	63.44	1,364
CO	1,753	175	63.44	1,001
VOC	52	5	63.44	30

* Bankable AER = (AER – AQID) x 4th Qtr Operation %

VI. Compliance

To comply with the definition of Actual Emissions Reductions (AER) (Rule 2201, Section 3.2), the emissions reduction must be:

A. Real

The emissions reductions were generated by the shutdown of a cotton gin. The emissions were calculated from historic actual production data, average cotton bale and LPG throughput as well as generally recognized emission factors. The associated equipment has been removed from service and the permits have been surrendered to the District.

As part of the District’s assessment of whether the emission reductions from a banking action relying on a shutdown or curtailment qualify as *real*, the District also evaluates whether or

not the business activity and the emissions associated with the activity have a reasonable probability of being shifted to another facility (source shifting). It is expected that there will be no source shifting, based on the following discussion.

Reduction in Available Water for Cotton Farming in the Area

Twenty years ago Fresno County used to be the #1 cotton-producing county in the entire United States of America. Today, only a small fraction of the cotton farming acreage remains. A primary contributor to this decline is the lack of water.

Biological Opinions

The shutdown cotton gin processed cotton grown in its surrounding area in western Fresno County within the Westlands Water District (Westlands). Westlands farms have two primary water sources, groundwater pumping and the federal Central Valley Project (CVP) via the U.S. Bureau of Reclamation. However, two biological opinions protecting delta smelt and salmon went into effect requiring limits on the amount of water transported in the CVP. These opinions are part of the long-term governance on how the state water project and the CVP operate, which have been upheld by courts and remain in place today.

The reduction in water exports have significantly contributed to the state of farming in the Westlands area due to the significant reduction in surface water deliveries. These biological opinions effectively took 500,000 acre-feet of surface water away from western Fresno County. Consequently, with the reduction in surface water supply, cotton acreage declined significantly with many farms converting to fallow (uncultivated) land in the area, causing 20 of the 26 gins operating in 2005 to shutdown by 2009. This left groundwater pumping as the only remaining major source of water for the cotton crops.

Subsidence

Subsidence is the gradual sinking of the Earth's surface. In many agricultural regions, including the Westlands, the most common driver of subsidence is excessive groundwater pumping. When enough subsurface water is removed, the sediment compacts and the land above it settles downward. When there is not enough surface water (e.g., due to drought and/or regulatory decisions), farmers pump more groundwater to irrigate crops. This lowers subsurface water levels and can cause subsidence, which is attributed to a loss of 35,000 acres of cotton in the Westlands. Subsidence also causes drainage issues, further resulting in the permanent loss of farming acreage. Once subsidence occurs and aquifers are compacted, they lose water storage capacity permanently.

Sustainable Groundwater Management Act (SGMA)

Subsequently, groundwater pumping/usage within the state of California has become heavily regulated. With the historic passage of the Sustainable Groundwater Management Act (SGMA) in 2014, which set forth a statewide framework to help protect groundwater resources over the long-term; restrictions on the pumping of groundwater resources were placed throughout the state. It is estimated that SGMA restrictions may

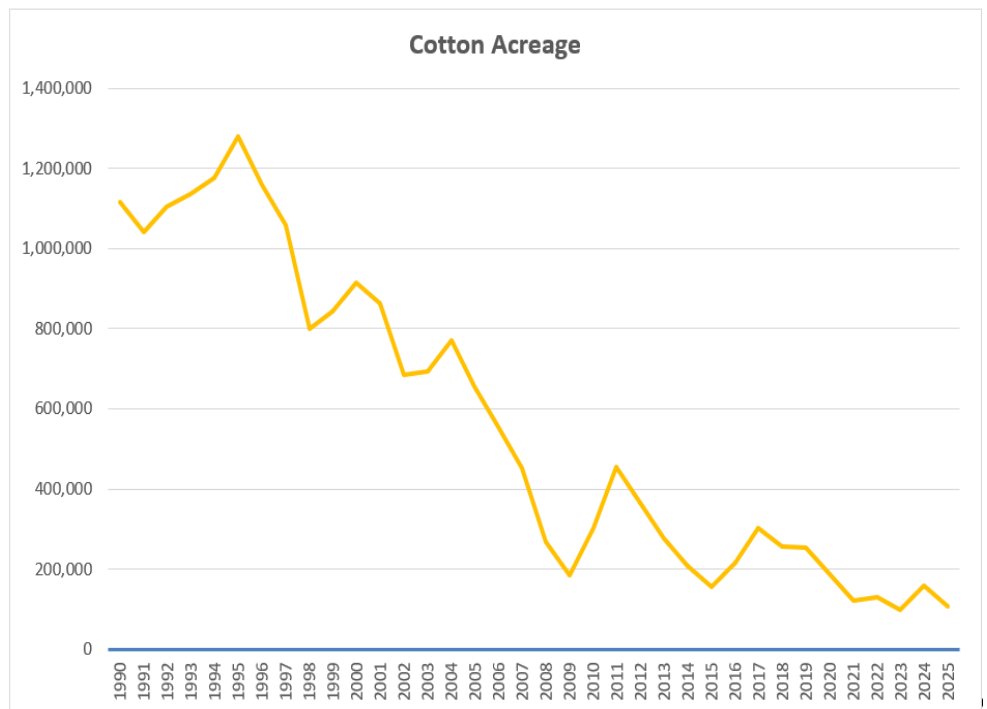
take out as much as 900,000 to one million acres of existing farmland in the valley. Cotton growers in the Westlands area continue to fallow cotton acreage due to lack of water and SGMA restrictions.

Due to these water-related issues, farms in the area of the shutdown gin have gone fallow. The previous cotton production that supplied the shutdown gin will not be shifted to another gin since it will no longer be grown.

Decline of Cotton Industry

In addition to the Westlands area, cotton acreage in the Valley and California as a whole has been on the decline for several decades. Cotton acreage in California in 2025 was the second lowest on record, and it was the lowest ever in Fresno County resulting in the shutdown of this gin. According to the 35-year period data provided by the California Cotton Ginners and Growers Association (CCGGA), cotton production has dropped significantly over this time period, with an estimate decrease of 90% in California. The table and graph below show the California cotton acreage decrease from 1990 to 2025:

Historical Cotton Acreage in California (1990-2025)	
Year	Total (acres)
1990	1,115,500
1991	1,041,000
1992	1,105,000
1993	1,136,000
1994	1,175,800
1995	1,280,000
1996	1,159,000
1997	1,059,000
1998	800,000
1999	844,000
2000	914,000
2001	864,000
2002	686,000
2003	694,000
2004	771,000
2005	657,000
2006	557,000
2007	451,000
2008	268,000
2009	186,000
2010	303,000
2011	454,000
2012	365,000
2013	278,000
2014	207,975
2015	157,652
2016	216,000
2017	302,000



2018	257,000
2019	254,000
2020	187,027
2021	121,127
2022	131,801
2023	99,579
2024	158,709
2025	106,980

Additional data provided from the USDA National Ag Statistics Service shows the significant decline in cotton acreage in Fresno County specifically from 141,000 acres in 2011 to just 21,613 acres in 2025. The table below shows the Fresno County cotton acreage:

Fresno County Cotton Acreage			
Year	Upland	Pima	Total
2011	35,000	106,000	141,000
2012	19,500	83,000	102,500
2013	13,600	48,700	62,300
2014	7,320	40,400	47,720
2015	6,840	33,250	40,090
2016	8,480	39,800	48,280
2017	5,210	69,845	75,055
2018	3,350	65,740	69,090
2019	2,420	77,200	79,620
2020	2,400	32,200	34,600
2021	1,370	23,200	24,570
2022	1,950	31,000	32,950
2023	727	30,038	30,765
2024	25	40,303	40,328
2025	1,621	19,992	21,613

As shown in the tables above both Fresno County and California as a whole have seen a significant decline in cotton acreage being planted. This trend suggests that future cotton acreage will continue to decline which will further constraint cotton gin operations within the District.

Based on the discussion above, the existing cotton acreage and associated cotton production for the gin will no longer exist. In addition, the cotton industry's production continues to decline in the Valley. For these reasons, no source shifting is expected, and the few remaining gins in the Valley are not expected to see an increase in cotton processing as a result of this shutdown. Therefore, the emission reductions from this banking action are real.

B. Enforceable

The PTO for this facility has been surrendered and the gins cannot be operated without a valid PTO. Due to the size and complexity of the operation, the large bulk of the material processed, and the amount of lint, seeds, and waste material generated, it would be readily apparent if it were to be operated in the future. Therefore, the emission reductions satisfy the enforceable requirement.

C. Quantifiable

Actual Emission Reductions (AER) amounts were calculated from historic process throughput data, source test results from similar operations, California Cotton Ginners Association emission factors, and methods according to District Rule 2201. Therefore, the reductions are quantifiable. Therefore, the emission reductions satisfy the quantifiable requirement.

D. Permanent

The cotton gin has been removed from service and the PTO has been surrendered. Operation of the equipment without a valid PTO is subject to enforcement action. Construction of equipment that would replace the equipment removed at this facility, regardless if constructed at the same or different location, must be authorized by the District after evaluation under all applicable rules, including District Rule 2201 (New and Modified Stationary Source Review Rule), under which any increase in emissions over the applicable threshold(s) must be offset.

Therefore, the emission reductions are permanent within the boundaries of the District.

E. Surplus

There are no laws, rules, regulations, agreements, orders, or permits requiring any of the emission reductions which generated the ERC:

- Shutdown of the gin was voluntary and not required by any law, rule, agreement, or regulation.
- These ERCs are not needed for their current or proposed operations.
- The emission factors are not subject to additional adjustments and are therefore surplus to the requirements of any laws, rules, regulations, agreements, orders, or permits.
- According to the attached records, the gin did not exceed the permitted baling and LPG consumption rates, so no adjustments are necessary on that basis.
- The emission reductions are not the result of an action taken by the permittee to comply with any requirement of Rule 4204 Cotton Gins.

Therefore, the emission reductions satisfy the surplus requirement.

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

The ERCs generated by permanent shutdown of the cotton gin 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 4.2.3, in order to deem emissions reductions eligible for banking, an application for ERC must be filed no later than 180 days after the *AER* occurred. Rule 2301, Section 5.5 addresses when the start date of the 180 day clock begins. For *AER* resulting from the cessation of operation of an emissions unit with a Permit to Operate, the date of emission reduction is the date of *shutdown* (Section 5.5). For permitted sources, the date of *shutdown* is (generally) the date of surrender of the Permit to Operate (Section 3.14.2).

Westside Farmers Coop. Gin surrendered its Permit to Operate on June 30, 2023. Thus, June 30, 2023 is the shutdown date, and the date the *AER* occurred. The emissions reduction banking application was received on December 7, 2023. Thus the application was received within 180 days of the date the *AER* occurred. Therefore, the ERC application was filed in a timely manner.

VII. Recommendation

Pending a successful Public Noticing period, issue Emission Reduction Credit (ERC) certificate to Westside Farmers Coop. Gin in accordance with the amounts specified on the draft ERC certificates in Attachment D.

Attachments:

- Attachment A: Surrendered PTO C-1392-1-13
- Attachment B: ERC Application
- Attachment C: Cotton Ginning Throughput and LPG Usage Records
- Attachment D: Draft ERC Certificates
- Attachment E: Source Test Results

APPENDIX A
Surrendered PTO C-1392-1-13

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-1392-1-13

EXPIRATION DATE: 10/31/2027

EQUIPMENT DESCRIPTION:

COTTON GIN #4 (ROLLER GIN) CONSISTING OF UNLOADING AND MODULE FEEDER SYSTEM, FOUR HOT AIR CLEANERS, EIGHT LINT CLEANERS, 20 LUMMUS ROLLER GIN STANDS, HOT AIR CLEANERS, OVERFLOWS, TWO LINT CLEANERS, TWO CONDENSERS, FIVE 4 MMBTU/HR LPG-FIRED DRYERS AND ONE 3 MMBTU/HR LPG-FIRED DRYER, ONE 1.5 MMBTU/HR LPG-FIRED SAMUEL JACKSON HUMIDAIRE UNIT, AND TRASH/ROBBER SYSTEM SERVED BY 33 1D-3D CYCLONE COLLECTORS

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
3. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
4. 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]
5. Maximum daily ginning rate of the cotton gin shall not exceed 180 tons of baled cotton per day (720 bales per day, corrected to 500-pound bales). [District Rule 2201]
6. Total PM10 emissions from the cotton gin shall not exceed 4.44 pounds per ton of baled cotton (1.11 pounds per bale, corrected to 500-pound bales). [District Rule 2201]
7. Total annual facility-wide PM10 emissions from the cotton gin shall not exceed 79,285 lb/year to validate the Emission Reduction Credit issued for the shutdown of Gin #5 (C-1392-2). [District Rule 2201]
8. The burners for the dryers and humidifier serving the cotton gin shall only be fired on commercial grade liquefied petroleum gas (LPG)/propane with a sulfur content not exceeding 15 grains per 100 standard cubic foot (scf). [District Rules 2201 and 4801]
9. Emissions from the LPG-fired burners for the dryers shall not exceed any of the following limits: 0.1 lb-NOx/MMBtu, 0.0164 lb-SOx/MMBtu, 0.292 lb-CO/MMBtu, or 0.0087 lb-VOC/MMBtu. [District Rule 2201]
10. Emissions from the LPG-fired burner for the humidifier shall not exceed any of the following limits: 0.1 lb-NOx/MMBtu, 0.0164 lb-SOx/MMBtu, 0.292 lb-CO/MMBtu, or 0.0087 lb-VOC/MMBtu. [District Rule 2201]
11. Each of the five 4 MMBtu/hr LPG-fired dryer burners serving the cotton gin shall be equipped with a non-resettable, totalizing mass or volumetric fuel flow meter or other District-approved device to measure fuel input. [District Rule 2201]
12. The total annual heat input of each of the 4 MMBtu/hr LPG-fired dryers shall not exceed 10,500 MMBtu/year (equivalent to 114,754 gal/year). [District Rule 2201]
13. PM10 emissions from the cyclone system serving the unloading/module system for the cotton gin shall not exceed 0.22 pounds per bale, corrected to 500-pound bales. [District Rule 2201]
14. PM10 emissions from the cyclone system serving the #1 pre-cleaning system for the cotton gin shall not exceed 0.22 pounds per bale, corrected to 500-pound bales. [District Rule 2201]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

15. PM10 emissions from the cyclone system serving the #2 pre-cleaning system for the cotton gin shall not exceed 0.244 pounds per bale, corrected to 500-pound bales. [District Rule 2201]
16. PM10 emissions from the cyclone system serving the overflow system for the cotton gin shall not exceed 0.141 pounds per bale, corrected to 500-pound bales. [District Rule 2201]
17. PM10 emissions from the cyclone system serving the feeder trash system for the cotton gin shall not exceed 0.04 pounds per bale, corrected to 500-pound bales. [District Rule 2201]
18. PM10 emissions from the cyclone system serving the #1 lint cleaner system for the cotton gin shall not exceed 0.02 pounds per bale, corrected to 500-pound bales. [District Rule 2201]
19. PM10 emissions from the cyclone system serving the #2 lint cleaner system for the cotton gin shall not exceed 0.086 pounds per bale, corrected to 500-pound bales. [District Rule 2201]
20. PM10 emissions from the cyclone system serving the lint trash/robber system for the cotton gin shall not exceed 0.02 pounds per bale, corrected to 500-pound bales. [District Rule 2201]
21. PM10 emissions from the cyclone system serving the lint cleaner trash system for the cotton gin shall not exceed 0.05 pounds per bale, corrected to 500-pound bales. [District Rule 2201]
22. PM10 emissions from the cyclone system serving the battery condenser system for the cotton gin shall not exceed 0.07 pounds per bale, corrected to 500-pound bales. [District Rule 2201]
23. The cotton unloading system shall be controlled by three 40" 1D-3D cyclones, operating at a cyclone inlet air velocity of 3200 ± 400 ft/min. [District Rule 2201]
24. #1 Drying and pre-cleaning system for the cotton gin shall be controlled by four 40" 1D-3D cyclones, operating at a cyclone inlet air velocity of 3200 ± 400 ft/min. [District Rule 2201]
25. #2 Drying and pre-cleaning system for the cotton gin shall be controlled by four 40" 1D-3D cyclones, operating at a cyclone inlet air velocity of 3200 ± 400 ft/min. [District Rule 2201]
26. Overflow system for the cotton gin shall be controlled by four 44" 1D-3D cyclones, operating at a cyclone inlet air velocity of 3200 ± 400 ft/min. [District Rule 2201]
27. Feeder trash system for the cotton gin shall be controlled by two 42" 1D-3D cyclones, operating at a cyclone inlet air velocity of 3200 ± 400 ft/min. [District Rule 2201]
28. #1 Lint cleaner system for the cotton gin shall be controlled by four 60" 1D-3D cyclones, operating at a cyclone inlet air velocity of 3200 ± 400 ft/min. [District Rule 2201]
29. #2 Lint cleaner system for the cotton gin shall be controlled by four 60" 1D-3D cyclones, operating at a cyclone inlet air velocity of 3200 ± 400 ft/min. [District Rule 2201]
30. Lint trash robber system for the cotton gin shall be controlled by two 50" 1D-3D cyclones, operating at a cyclone inlet air velocity of 3200 ± 400 ft/min. [District Rule 2201]
31. Lint cleaner trash system for the cotton gin shall be controlled by four 44" 1D-3D cyclones, operating at a cyclone inlet air velocity of 3200 ± 400 ft/min. [District Rule 2201]
32. Battery condenser system for the cotton gin shall be controlled by three 62" 1D-3D cyclones, operating at a cyclone inlet air velocity of 3200 ± 400 ft/min. [District Rule 2201]
33. The trash loading area shall be enclosed with four sides that are higher than the trash auger. Two sides shall be solid. The remaining sides shall have flexible wind barriers that extend below the top of the trash trailer sides. [District Rule 4204]
34. Permittee shall conduct daily visual inspections of the material handling systems for leaks, breaks, or other visible signs of equipment malfunctions. [District Rule 4204]
35. Permittee shall maintain a record of the daily inspections of the material handling systems, including any equipment malfunctions discovered and corrective action taken to repair the malfunction, and any source test results. [District Rule 4204]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

36. Permittee shall maintain daily and annual records of number and weight of bales produced, corrected to 500 pound bales, and the calculated amount of PM10 emissions generated. [District Rule 2201]
37. Monthly and annual records of the fuel input of each of the 4 MMBtu/hr LPG-fired dryers serving the cotton gin shall be maintained in gallons of LPG/propane used and total MMBtu. [District Rule 2201]
38. 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, 2201, and 4204]
39. A summary report shall be submitted to the District within 30 days of the end of each cotton ginning season indicating total PM10 emissions from this ginning operation. [District Rule 2201]

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

APPENDIX B
ERC Application

San Joaquin Valley Air Pollution Control District

Application for

EMISSION REDUCTION CREDIT (ERC)

CONSOLIDATION OF ERC CERTIFICATES

1. ERC TO BE ISSUED TO: <u>Westside Farmers Coop Gin</u>		Facility ID: <u>C - 1392</u> (if known)				
2. MAILING ADDRESS: Street/P.O. Box: <u>8587 S. Contra Costa Road</u>						
City: <u>Tranquility</u> State: <u>CA</u> Zip Code: <u>93668</u>						
3. LOCATION OF REDUCTION: Street: _____ City: _____ _____/4 SECTION _____ TOWNSHIP _____ RANGE _____	4. DATE OF REDUCTION:					
5. PERMIT NO(S): <u>C-1392-1-13</u>		EXISTING ERC NO(S):				
6. METHOD RESULTING IN EMISSION REDUCTION: <input checked="" type="checkbox"/> SHUTDOWN <input type="checkbox"/> RETROFIT <input type="checkbox"/> PROCESS CHANGE <input type="checkbox"/> OTHER DESCRIPTION: _____ <div style="text-align: right; font-size: small;">(Use additional sheets if necessary)</div>						
7. REQUESTED ERCs: (In pounds per calendar quarter except CO ₂ e)						
	VOC	NO _x	CO	PM ₁₀	SO _x	Other
1 st Qtr	277.75	3,193	2,011.6	10,107.65	523.65	0
2 nd Qtr	0	0	0	0	0	0
3 rd Qtr	0	0	0	0	0	0
4 th Qtr	277.75	3,193	2,011.6	10,107.65	523.65	0
CO ₂ e 2.01 metric ton/yr						
8. SIGNATURE OF APPLICANT: 			TYPE OR PRINT TITLE OF APPLICANT: Manager			
9. TYPE OR PRINT NAME OF APPLICANT: Jeff Hamilton			DATE: <u>1/31/2024</u>	PHONE #: 559 - 223-8815 CELL PHONE #: FAX #: E-MAIL:		

FOR APCD USE ONLY:

DATE STAMP	FILING FEE RECEIVED: \$ _____
	DATE PAID: _____
	PROJECT NO.: _____ FACILITY ID.: _____

Westside Farmers Cooperative Gin					
		Most closely matches 5 yr. average -			
ERCs Today					
Year	Bales	2 yr. Ave.	3 yr ave	4 yr ave	5 yr ave
2013	28,799.86				
2014	16,342.72				
2015	16,303.54				
2016	17,327.00				
2017	14,605.00				
2018	7,700.00				
2019	28,724.00	18212.0			
2020	18,919.00	23821.5	18447.7		
2021	8,189.00	13554.0	18610.7	15883.0	
2022	12,552.00	10370.5	13220.0	17096.0	15216.8
Average =	16946.2				
ERC Calculations					
Baseline Period					
	18212.0	bales/yr			
Permit Emission Limit					
PM10 =	1.11	lb PM10/bale			
Historical Actual Emissions					
HAE=	baseline bales x emission factor				
HAE=	20,215.3	lb PM10/yr			
Actual Emission Reductions					
AER =	HAE				
AER =	20,215.3	lb PM10/yr			
Emissions Reduction Credits					
ERCs =	AER - AQID				
ERCs =	18,193.8	lb/PM10/yr			

**Proposal for Emission Reduction Credits (ERCs) for
the Shutdown of Westside Farmers Cooperative Gin (C-1392)
located at 8587 S. Contra Costa Road, Tranquility, CA 93668**

January 30, 2024

Historical Production Data (Bales Ginned and therms of Natural Gas Consumed) -

PRODUCTION DATA		
Year	Bales Ginned	Gallons Propane Gas Consumed
2018	7,700	36,280
2019	28,724	91,440
2020	18,919	45,770
2021	8,189	27,018
2022	12,552	59,975

Baseline Period –

Two consecutive years = 2018 and 2019

[Note: This two year average most closely reflects the 10 year average bale production for this gin – see attached]

Bales = $(7,700 + 28,724)/2$

Bales = 18,212.0

Gallons Propane consumed = $(36,280 + 91,440)/2$

Gallons Propane consumed = 63,860

Historical Actual Emissions (HAE) -

Cotton Gin Emission Factor -

As listed in permit conditions, emissions from this gin are equal to 1.11 lbs. PM10/bale.

Cotton Gin Emissions -

HAE = Emission Factor (lb PM10/Bale) x Baseline Period Production History (bales/yr)

HAE = 1.11 lb PM10/bale x 18,212.0 bales/yr

HAE = 20,215.3 lb PM10/yr

Propane Combustion Emission Factors –

Propane Emission Factors	
Pollutant	Emission Factor (lb/1000 gal)
NOx	0.1
Sox	0.0164
CO	0.292
VOC	0.0087
CO2e	0.063

Propane Combustion Emissions -

HAE = Emission Factor (lb/1000 gal) x 1000 gal burned

Propane Emission Calculations (HAE)			
Pollutant	Emission Factor (lb/1000 gals)	Propane Usage (gals)	Emissions (lb/yr)
NOx	0.1	63,860	6,386
SOx	0.0164	63,860	1,047.3
CO	0.292	63,860	18,647.12
VOC	0.0087	63,860	555.58
CO2e	0.063	63,860	4,023.2

Actual Emission Reductions (AER) -

For shutdowns, AER = HAE

Actual Emission Reduction Calculations	
Pollutant	AER (lb/yr)
PM10	20,215.3
NOx	6,386
SOx	1,047.3
CO	18,647.12
VOC	555.58
CO2e	4,023.2

Air Quality Improvement Deduction (AQID) -

AQID = 10% AER

Air Quality Improvement Deduction Calculations		
Pollutant	AER (lb/yr)	AQID (lb/yr)
PM10	20,215.3	2,021.5
NOx	6,386	638.6
SOx	1,047.3	104.7
CO	18,647.12	1,864.7
VOC	555.58	55.5
CO2e	4,023.2	402.3

Emission Reduction Credits (ERCs) -

Emission Reduction Credits (ERCs) =

Emission Reduction Credits (ERCs) = AER - AQID

ERCs = AER - AQID

Emission Reduction Credit Calculations			
Pollutant	AER (lb/yr)	AQID (lb/yr)	ERCs (lb/yr)
PM10	20,215.3	2,021.5	18,193.8
NOx	6,386	638.6	5,747.4
SOx	1,047.3	104.7	942.6
CO	18,647.12	1,864.7	16,782.4
VOC	555.58	55.5	500.8
CO2e	4,023.2	402.3	3,620.9

WESTSIDE FARMERS COOPERATIVE GIN, INC.
 COTTON BALE PRODUCTION
 PROPANE USAGE

YEAR	GIN	BALES (500#)	PROPANE (GAL)	START DATE	END DATE
2013-2014	4	14,575.56	35,078		
2014-2015	4	16,342.72	43,210		
2015-2016	4	16,303.54	44,682		
2016-2017	4	18,762.00	89,132		
2017-2018	4	14,605.00	36,371		
2018-2019	4	7,700.00	36,280	11/1/18	1/22/19
2019-2020	4	28,724.00	91,440	11/3/19	2/15/20
2020-2021	4	18,919.00	45,770	11/2/20	1/15/21
2021-2022	4	8,189.00	27,018	11/8/21	12/31/21
2022-2023	4	12,552.00	59,975	11/7/22	1/23/23
TOTAL		156,672.82	508,956		

APPENDIX C
Cotton Ginning Throughput and LPG Usage Records

Date./ Time Printed 6/7/2013
8:01:43 AM

Emission Statement - Calendar Year 2012 Emissions

UTM Zone : 10
UTM East: 745.752
UTM North: 4054.85

Please Sign and Return to:
San Joaquin Valley Unified APCD
1990 East Gettysburg Avenue
Fresno, CA 93726

Facility ID # C - 1392
TAD # 10 - 1392
SIC 724 NAICS 115111
Facility Name WESTSIDE FARMERS COOP. GIN
TOXID # 473

Planning Inventory: / Electronic
Update Summary

CHECK BOX IF PROCESS RATES ARE CONFIDENTIAL :

N

Please Note: Emissions for NH3 are reported in Lbs / Year.

Device ID #	Process #	Equipment Type	Yearly Process Rate	Units	NOX Lb / Unit	VOC Lb / Unit	SOX Lb / Unit	CO Lb / Unit	PM10 Lb / Unit	NH3 Lb / Unit	
				Source Classification Code							
1	1	COTTON GIN #4 - saw	2017	BALES OF COTTON	.0	.0	.0	.0	.75	.0	
				30200410	.0	.0	.0	.0	.76	.0	(Tons/Yr)
1	2	PROPANE COMBUSTION - COTTON GIN DRY	120.12	1000 GALLONS BURNED	9.4	.47	.75	1.88	.0	.0	
				30290005	.56	.03	.05	.11	.0	.0	(Tons/Yr)
1	3	cotton gin #5 - roller	41994	BALES OF COTTON	.0	.0	.0	.0	1.21	.0	
				30200410	.0	.0	.0	.0	25.41	.0	(Tons/Yr)

This data was taken from last year's emissions inventory data. Please make any correction to this document in red ink.

Date / Time Printed 6/7/2013
8:01:43 AM

Emission Statement - Calendar Year 2012 Emissions

UTM Zone : 10
UTM East: 745.752
UTM North: 4054.85

Please Sign and Return to:
San Joaquin Valley Unified APCD
1990 East Gettysburg Avenue
Fresno, CA 93726

Facility ID # C - 1392
TAD # 10 - 1392
SIC 724 NAICS 115111
Facility Name WESTSIDE FARMERS COOP. GIN
TOXID # 473
Planning Inventory: / Electronic
Update Summary

CHECK BOX IF PROCESS RATES ARE CONFIDENTIAL :

N

Device ID #	Process #	Equipment Type	Yearly Process Rate	Units		NOX Lb / Unit	VOC Lb / Unit	SOX Lb / Unit	CO Lb / Unit	PM10 Lb / Unit	NH3 Lb / Unit
				Source Classification Code							
Totals For the Facility (TONS / YEAR)						.56	.03	.05	.11	26.16	.0

Please Note: Emissions for NH3 are reported in Lbs / Year.

Contact	Louie Colombini	Name and Title of Responsible Official	I certify that the information contained in the Emission Statement is accurate to the best of my knowledge.
Company	WESTSIDE FARMERS COOP GIN		
Address	P O BOX 558	_____	_____
City, State, Zip	SAN JOAQUIN CA 93660		
Telephone	(559) 698 - 7221	_____	_____
Email:	_____		
Location of facility if different from above	WESTSIDE FARMERS COOP. GIN 8587 S CONTRA COSTA AVE	_____	
	_____	Signature of Responsible Official and Date	

This data was taken from last year's emissions inventory data. Please make any correction to this document in red ink.

Emission Statement - Calendar Year 2012 Emissions

C-1131432

Date 1/15/2013
Time 10:08:13 AM

UTM
Zone : 10
East : 745.75233
North : 4054.8451

Please return to:
San Joaquin Valley Unified APCD
1990 East Gettysburg Avenue
Fresno, CA 93726
or FAX: (559) 230 - 6061

Facility ID # : C-1392
TAD # : 10-1392
SIC : 724
Facility Name : WESTSIDE FARMERS COOP. GIN
Toxic ID # : 0

Check Box If Process Rates are Confidential :

Device ID #	Process Number	Equipment Type	Yearly Process Rate	Units		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.
				Source Classification Code								
1	1	COTTON GIN #4 - saw	2017.00	BALES OF COTTON	0.00	0.00	0.00	0.00	0.00	0.75	0.00	Tons /Yr.
				30200410	0.00	0.00	0.00	0.00	1.66	0.00		
1	2	PROPANE COMBUSTION - COTTON GIN DRY	120.12	1000 GALLONS BURNED	9.40	0.47	0.75	1.88	0.00	0.00	0.00	Tons /Yr.
				30290005	0.44	0.02	0.04	0.09	0.00	0.00		
1	3	cotton gin #5 - roller	41994.00	BALES OF COTTON	0.00	0.00	0.00	0.00	1.21	0.00	Tons /Yr.	
				30200410	0.00	0.00	0.00	0.00	15.54	0.00		
Totals For the Facility (Tons/Year)						0.44025	0.02201	0.03522	0.09	17.21	0.00	

Contact	Louie Colombini
Company	WESTSIDE FARMERS COOP GIN
Address	P O BOX 558
City, State, Zip	SAN JOAQUIN, CA 93660
Telephone	(559) 6987221
Email Address	
Location of facility	8587 S CONTRA COSTA AVE
if different from above	TRANQUILITY

FACILITY WIDE RELATIVE MONTHLY ACTIVITY

If the facility has the same operating schedule year round, then check the Default Monthly Activity box.

Otherwise, provide the percentage and months the facility operates. Note: The total percentage for the year must add up to 100%.

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
RELATIVE MONTHLY ACTIVITY	21.58	6.62	0	0	0	0	0	0	0	13.65	30.28	27.87

Daily Activity
Please indicate normal operating schedule:

Number of hours worked each day:

23	Sunday
23	Monday
23	Tuesday
23	Wednesday
23	Thursday
23	Friday
23	Saturday

Date / Time Printed 2/13/2014
1:35:01 PM

Emission Statement - Calendar Year 2013 Emissions

UTM Zone : 10
UTM East: 745.752
UTM North: 4054.85

Please Sign and Return to:
San Joaquin Valley Unified APCD
1990 East Gettysburg Avenue
Fresno, CA 93726

Facility ID # C - 1392
TAD # 10 - 1392
SIC 724 NAICS 115111
Facility Name WESTSIDE FARMERS COOP. GIN
TOXID # 473
Planning Inventory: / Electronic
Update Summary

CHECK BOX IF PROCESS RATES ARE CONFIDENTIAL :

N

Please Note: Emissions for NH3 are reported in Lbs / Year.

Device ID #	Process #	Equipment Type	Yearly Process Rate	Units	NOX Lb / Unit	VOC Lb / Unit	SOX Lb / Unit	CO Lb / Unit	PM10 Lb / Unit	NH3 Lb / Unit	
				Source Classification Code							
1	1	COTTON GIN #4 - saw	0	BALES OF COTTON	.0	.0	.0	.0	.75	.0	
				30200410	.0	.0	.0	.0	.0	.0	(Tons/Yr)
1	2	PROPANE COMBUSTION - COTTON GIN DRY	75.45	1000 GALLONS BURNED	9.4	.47	.75	1.88	.0	.0	
				30290005	.35	.02	.03	.07	.0	.0	(Tons/Yr)
1	3	cotton gin #5 - roller	28799.86	BALES OF COTTON	.0	.0	.0	.0	1.21	.0	
				30200410	.0	.0	.0	.0	17.42	.0	(Tons/Yr)

Date / Time Printed 2/13/2014
1:35:02 PM

Emission Statement - Calendar Year 2013 Emissions

UTM Zone : 10
UTM East: 745.752
UTM North: 4054.85

Please Sign and Return to:
San Joaquin Valley Unified APCD
1990 East Gettysburg Avenue
Fresno, CA 93726

Facility ID # C - 1392
TAD # 10 - 1392
SIC 724 NAICS 115111
Facility Name WESTSIDE FARMERS COOP. GIN
TOXID # 473
Planning Inventory: / Electronic
Update Summary

CHECK BOX IF PROCESS RATES ARE CONFIDENTIAL :

N

Device ID #	Process #	Equipment Type	Yearly Process Rate	Units		NOX Lb / Unit	VOC Lb / Unit	SOX Lb / Unit	CO Lb / Unit	PM10 Lb / Unit	NH3 Lb / Unit
				Source Classification Code							
Totals For the Facility (TONS / YEAR)						.35	.02	.03	.07	17.42	.0

Please Note: Emissions for NH3 are reported in Lbs / Year.

Contact	Louie Colombini	Name and Title of Responsible Official	I certify that the information contained in the Emission Statement is accurate to the best of my knowledge.
Company	WESTSIDE FARMERS COOP GIN		
Address	8587 S CONTRA COSTA AVE	_____	_____
City, State, Zip	SAN JOAQUIN CA 93668		
Telephone	(559) 698 - 7221	_____	_____
Email:	_____		
Location of facility if different from above	WESTSIDE FARMERS COOP. GIN 8587 S CONTRA COSTA AVE	_____	
	_____	Signature of Responsible Official and Date	

C-1140303

Emission Statement - Calendar Year 2013 Emissions

Date 1/30/2014
Time 8:18:20 AM

UTM
Zone : 10
East : 745.75233
North : 4054.8451

Please return to:
San Joaquin Valley Unified APCD
1990 East Gettysburg Avenue
Fresno, CA 93726
or FAX: (559) 230 - 6061

Facility ID # : C-1392
TAD # : 10-1392
SIC : 724
Facility Name : WESTSIDE FARMERS COOP. GIN
Toxic ID # : 0

Check Box If Process Rates are Confidential :

Device ID #	Process Number	Equipment Type	Yearly Process Rate	Units	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.
				Source Classification Code							
1	1	COTTON GIN #4 - saw	0.00	BALES OF COTTON	0.00	0.00	0.00	0.00	0.75	0.00	Tons /Yr.
				30200410	0.00	0.00	0.00	0.00	0.76	0.00	
1	2	PROPANE COMBUSTION - COTTON GIN DRY	75.45	1000 GALLONS BURNED	9.40	0.47	0.75	1.88	0.00	0.00	Tons /Yr.
				30290005	0.56	0.03	0.05	0.11	0.00	0.00	
1	3	cotton gin #5 - roller	28799.86	BALES OF COTTON	0.00	0.00	0.00	0.00	1.21	0.00	Tons /Yr.
				30200410	0.00	0.00	0.00	0.00	25.41	0.00	
Totals For the Facility (Tons/Year)					0.56456	0.02823	0.04517	0.11	26.16	0.00	

Contact	Louie Colombini
Company	WESTSIDE FARMERS COOP GIN
Address	8587 S. Contra Costa Ave.
City, State, Zip	Tranquillity, CA 93668
Telephone	(559) 6987221
Email Address	
Location of facility	8587 S CONTRA COSTA AVE
if different from above	TRANQUILITY

FACILITY WIDE RELATIVE MONTHLY ACTIVITY

If the facility has the same operating schedule year round, then check the Default Monthly Activity box.
Otherwise, provide the percentage and months the facility operates. Note: The total percentage for the year must add up to 100%.

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
DEFAULT MONTHLY	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33
RELATIVE MONTHLY	0.398	0.095	0	0	0	0	0	0	0	0.099	0.316	0.092

Daily Activity
Please indicate normal operating schedule:

Number of hours worked each day:

23	Sunday
23	Monday
23	Tuesday
23	Wednesday
23	Thursday
23	Friday
23	Saturday

Date / Time Printed 5/4/2015
2:57:25 PM

Emission Statement - Calendar Year 2014 Emissions

UTM Zone : 10
UTM East: 745.752
UTM North: 4054.85

Please Sign and Return to:
San Joaquin Valley Unified APCD
1990 East Gettysburg Avenue
Fresno, CA 93726

Facility ID # C - 1392
TAD # 10 - 1392
SIC 724 NAICS 115111
Facility Name WESTSIDE FARMERS COOP. GIN
TOXID # 473

Planning Inventory: / Electronic
Update Summary

CHECK BOX IF PROCESS RATES ARE CONFIDENTIAL :

N

Note: NH3 emissions are in lbs / yr

Device ID #	Process #	Equipment Type	Yearly Process Rate	Units	NOX Lb / Unit	VOC Lb / Unit	SOX Lb / Unit	CO Lb / Unit	PM10 Lb / Unit	NH3 Lb / Unit	
				Source Classification Code							
1	1	Cotton Gin #4 - Saw	0	BALES OF COTTON	.0	.0	.0	.0	.75	.0	
				30200410	.0	.0	.0	.0	.0	.0	(Tons/Yr)
1	2	Propane Combustion - Cotton Gin Dryer	44.9	1000 GALLONS BURNED	9.4	.47	.75	1.88	.0	.0	
				30290005	.21	.01	.02	.04	.0	.0	(Tons/Yr)
1	3	Cotton Gin #5 - Roller	16342.72	BALES OF COTTON	.0	.0	.0	.0	1.21	.0	
				30200410	.0	.0	.0	.0	9.89	.0	(Tons/Yr)

Date / Time Printed 5/4/2015
2:57:25 PM

Emission Statement - Calendar Year 2014 Emissions

UTM Zone : 10
UTM East: 745.752
UTM North: 4054.85

Please Sign and Return to:
San Joaquin Valley Unified APCD
1990 East Gettysburg Avenue
Fresno, CA 93726

Facility ID # C - 1392
TAD # 10 - 1392
SIC 724 NAICS 115111
Facility Name WESTSIDE FARMERS COOP. GIN
TOXID # 473
Planning Inventory: / Electronic
Update Summary

CHECK BOX IF PROCESS RATES ARE CONFIDENTIAL : N

Note: NH3 emissions are in lbs / yr

Device ID #	Process #	Equipment Type	Yearly Process Rate	Units	NOX Lb / Unit	VOC Lb / Unit	SOX Lb / Unit	CO Lb / Unit	PM10 Lb / Unit	NH3 Lb / Unit
				Source Classification Code						
Totals For the Facility (TONS / YEAR):					.21	.01	.02	.04	9.89	.0

Contact	Louie Colombini	Name and Title of Responsible Official	I certify that the information contained in the Emission Statement is accurate to the best of my knowledge.
Company	WESTSIDE FARMERS COOP GIN		
Address	8587 S CONTRA COSTA AVE	_____	_____
City, State, Zip	SAN JOAQUIN CA 93668		
Telephone	(559) 698 - 7221	_____	_____
Email:	_____	_____ Signature of Responsible Official and Date	
Location of facility if different from above	WESTSIDE FARMERS COOP. GIN		
	8587 S CONTRA COSTA AVE		

Emission Statement - Calendar Year 2014 Emissions

C-1150093

Date 1/22/2015
Time 12:07:26 PM

UTM
Zone : 10
East : 745.75233
North : 4054.8451

Please return to:
San Joaquin Valley Unified APCD
1990 East Gettysburg Avenue
Fresno, CA 93726
or FAX: (559) 230 - 6061

Facility ID # : C-1392
TAD # : 10-1392
SIC : 724
Facility Name : WESTSIDE FARMERS COOP. GIN #4 & #5
Toxic ID # : 473

Check Box If Process Rates are Confidential :

Device ID #	Process Number	Equipment Type	Yearly Process Rate	Units	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.
				Source Classification Code							
1	1	Cotton Gin #4 - Saw	0.00	BALES OF COTTON	0.00	0.00	0.00	0.00	0.00	0.00	Tons/Yr.
				30200410	0.00	0.00	0.00	0.00	0.00		
1	2	Propane Combustion - Cotton Gin Dryer	44.90	1000 GALLONS BURNED	9.40	0.47	0.75	1.88	0.00	0.00	Tons/Yr.
				30290005	0.21	0.01	0.02	0.04	0.00		
1	3	Cotton Gin #5 - Roller	16342.72	BALES OF COTTON	0.00	0.00	0.00	0.00	1.21	0.00	Tons/Yr.
				30200410	0.00	0.00	0.00	0.00	9.89		
Totals For the Facility (Tons/Year)					0.21	0.01	0.02	0.04	9.89	0.00	

Contact	Louie Colombini
Company	WESTSIDE FARMERS COOP GIN
Address	8587 S CONTRA COSTA AVE
City, State, Zip	SAN JOAQUIN, CA 93668
Telephone	(559) 698-7221
Email Address	
Location of facility	8587 S CONTRA COSTA AVE
if different from above	TRANQUILITY

FACILITY WIDE RELATIVE MONTHLY ACTIVITY

If the facility has the same operating schedule year round, then check the Default Monthly Activity box. Otherwise, provide the percentage and months the facility operates. Note: The total percentage for the year must add up to 100%.

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
<input checked="" type="checkbox"/> DEFAULT MONTHLY	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33
RELATIVE MONTHLY	0	0	0	0	0	0	0	0	0	28.16	53.2	18.64

Daily Activity

Please indicate normal operating schedule:

Number of hours worked each day:

24	Sunday
24	Monday
24	Tuesday
24	Wednesday
24	Thursday
24	Friday
24	Saturday

Date / Time Printed 02/24/2016
9:42:09 AM

Emission Statement - Calendar Year 2015 Emissions

UTM Zone : 10
UTM East: 745.752
UTM North: 4054.85

Please Sign and Return to:
San Joaquin Valley Unified APCD
1990 East Gettysburg Avenue
Fresno, CA 93726

Facility ID # C - 1392
TAD # 10 - 1392
SIC 724 NAICS 115111
Facility Name WESTSIDE FARMERS COOP. GIN
TOXID # 473
Planning Inventory: / Electronic
Update Summary

CHECK BOX IF PROCESS RATES ARE CONFIDENTIAL :

N

Note: NH3 emissions are in lbs / yr

Device ID #	Process #	Equipment Type	Yearly Process Rate	Units		NOX Lb / Unit	VOC Lb / Unit	SOX Lb / Unit	CO Lb / Unit	PM10 Lb / Unit	NH3 Lb / Unit	
				Source Classification Code								
1	1	Cotton Gin #4 - Saw	0	BALES OF COTTON		.0	.0	.0	.0	.75	.0	
				30200410		.0	.0	.0	.0	.0	.0	(Tons/Yr)
1	2	Propane Combustion - Cotton Gin Dryer	44.68	1000 GALLONS BURNED		9.4	.47	.75	1.88	.0	.0	
				30290005		.21	.01	.02	.04	.0	.0	(Tons/Yr)
1	3	Cotton Gin #5 - Roller	16303.54	BALES OF COTTON		.0	.0	.0	.0	1.21	.0	
				30200410		.0	.0	.0	.0	9.86	.0	(Tons/Yr)

Date / Time Printed 02/24/2016
9:42:09 AM

Emission Statement - Calendar Year 2015 Emissions

UTM Zone : 10
UTM East: 745.752
UTM North: 4054.85

Please Sign and Return to:
San Joaquin Valley Unified APCD
1990 East Gettysburg Avenue
Fresno, CA 93726

Facility ID # C - 1392
TAD # 10 - 1392
SIC 724 NAICS 115111
Facility Name WESTSIDE FARMERS COOP. GIN
TOXID # 473
Planning Inventory: / Electronic
Update Summary

CHECK BOX IF PROCESS RATES ARE CONFIDENTIAL :

N

Note: NH3 emissions are in lbs / yr

Device ID #	Process #	Equipment Type	Yearly Process Rate	Units	NOX Lb / Unit	VOC Lb / Unit	SOX Lb / Unit	CO Lb / Unit	PM10 Lb / Unit	NH3 Lb / Unit
				Source Classification Code						
Totals For the Facility (TONS / YEAR):					.21	.01	.02	.04	9.86	.0

Contact	Louie Colombini	Name and Title of Responsible Official	I certify that the information contained in the Emission Statement is accurate to the best of my knowledge.
Company	WESTSIDE FARMERS COOP GIN		
Address	8587 S CONTRA COSTA AVE	_____	Signature of Responsible Official and Date
City, State, Zip	SAN JOAQUIN CA 93668	_____	
Telephone	(559) 698 - 7221	_____	
Email:	_____	_____	
Location of facility if different from above	WESTSIDE FARMERS COOP. GIN 8587 S CONTRA COSTA AVE	_____	

C-1160504

Emission Statement - Calendar Year 2015 Emissions

Date 01/27/2016
Time 1:07:31 PM

UTM
Zone : 10
East : 745.75233
North : 4054.8451

Please return to:
San Joaquin Valley Unified APCD
1990 East Gettysburg Avenue
Fresno, CA 93726
or FAX: (559) 230 - 6061

Facility ID #: C-1392
TAD #: 10-1392
SIC : 724
Facility Name : WESTSIDE FARMERS COOP. GIN
Toxic ID #: 0

Check Box If Process Rates are Confidential :

Device ID #	Process Number	Equipment Type	Yearly Process Rate	Units	NOX lb / Unit	VOC Lb / Unit	SOX lb / Unit	CO lb / Unit	PM10 Lb / Unit	NH3* Lb / Unit	
				Source Classification Code							
1	1	Cotton Gin #4 - Saw	0.00	BALES OF COTTON	0.00	0.00	0.00	0.00	0.75	0.00	
				30200410	0.00	0.00	0.00	0.00	0.00	0.00	Tons /Yr.
1	2	Propane Combustion - Cotton Gin Dryer	44.68	1000 GALLONS BURNED	9.40	0.47	0.75	1.88	0.00	0.00	
				30290005	0.21	0.01	0.02	0.04	0.00	0.00	Tons /Yr.
1	3	Cotton Gin #5 - Roller	16303.54	BALES OF COTTON	0.00	0.00	0.00	0.00	1.21	0.00	
				30200410	0.00	0.00	0.00	0.00	9.89	0.00	Tons /Yr.
Totals For the Facility (Tons/Year)					0.211	0.0106	0.0169	0.04	9.89	0.00	

* Please Note: Emissions for NH3 are reported in Lbs / Year.

Contact	Louie Colombini
Company	WESTSIDE FARMERS COOP GIN
Address	8587 S CONTRA COSTA AVE
City,State,Zip	SAN JOAQUIN, CA 93668
Telephone	(559) 6987221
Email Address	
Location of facility	8587 S CONTRA COSTA AVE
if different from above	TRANQUILITY

FACILITY WIDE RELATIVE MONTHLY ACTIVITY

If the facility has the same operating schedule year round, then check the Default Monthly Activity box.

Otherwise, provide the percentage and months the facility operates. Note: The total percentage for the year must add up to 100%.

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
DEFAULT MONTHLY	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33
RELATIVE MONTHLY	0	0	0	0	0	0	0	0	0	30.9	52.2	16.9

Daily Activity
Please indicate normal operating schedule:

Number of hours worked each day:

24	Sunday
24	Monday
24	Tuesday
24	Wednesday
24	Thursday
24	Friday
24	Saturday

Date / Time Printed 04/20/2017
6:47:41 AM

Emission Statement - Calendar Year 2016 Emissions

UTM Zone : 10
UTM East: 745.752
UTM North: 4054.85

Please Sign and Return to:
San Joaquin Valley APCD
1990 East Gettysburg Avenue
Fresno, CA 93726

Facility ID # C - 1392
TAD # 10 - 1392
SIC # 724 NAICS 115111
Facility Name WESTSIDE FARMERS COOP. GIN
TOXID # 473
Planning Inventory: / Electronic

CHECK BOX IF PROCESS RATES ARE CONFIDENTIAL :

N

Note: NH3 emissions are in lbs / yr

Device ID #	Process #	Equipment Type	Yearly Process Rate	Units	NOX Lb / Unit	VOC Lb / Unit	SOX Lb / Unit	CO Lb / Unit	PM10 Lb / Unit	NH3 Lb / Unit	
				Source Classification Code							
1	1	Cotton Gin #4 - Saw - Bales of Cotton	0	BALES OF COTTON	.0	.0	.0	.0	.75	.0	
				30200410	.0	.0	.0	.0	.0	.0	(Tons/Yr)
1	2	Total 22.5 MMBtu/hr Dryer/Humidifier - Propane	43.79	1000 GALLONS BURNED	9.4	.47	.75	1.88	.0	.0	
				30290005	21	01	02	04	10	0	(Tons/Yr)
1	3	Cotton Gin #5 - Rolelr = Bales of Cotton	17327	BALES OF COTTON	.0	.0	.0	.0	1.21	.0	
				30200410	.0	.0	.0	.0	10.48	.0	(Tons/Yr)

Date / Time Printed 04/20/2017
6:47:41 AM

Emission Statement - Calendar Year 2016 Emissions

UTM Zone : 10
UTM East: 745.752
UTM North: 4054.85

Please Sign and Return to:
San Joaquin Valley APCD
1990 East Gettysburg Avenue
Fresno, CA 93726

Facility ID # C - 1392
TAD # 10 - 1392
SIC # 724 NAICS 115111
Facility Name WESTSIDE FARMERS COOP. GIN
TOXID # 473
Planning Inventory: / Electronic

CHECK BOX IF PROCESS RATES ARE CONFIDENTIAL :

N

Note: NH3 emissions are in lbs / yr

Device ID #	Process #	Equipment Type	Yearly Process Rate	Units	NOX Lb / Unit	VOC Lb / Unit	SOX Lb / Unit	CO Lb / Unit	PM10 Lb / Unit	NH3 Lb / Unit
				Source Classification Code						
Totals For the Facility (TONS / YEAR):					.21	.01	.02	.04	10.48	.0

Contact Matt Toste
Company WESTSIDE FARMERS COOP GIN
Address 8587 S CONTRA COSTA AVE
City,State,Zip SAN JOAQUIN CA 93688
Telephone (559) 698 - 7221
Email:
Location of facility if different from above WESTSIDE FARMERS COOP. GIN
8587 S CONTRA COSTA AVE

Name and Title of Responsible Official

I certify that the information contained in the Emission Statement is accurate to the best of my knowledge.

Signature of Responsible Official and Date

Facility Totals

CAS	Pollutant Name	Emissions			
42101	Carbon Monoxide	4.12E-02	TONS-YR	2.30E-04	TONS-HR
42603	Oxides of Nitrogen	2.06E-01	TONS-YR	1.15E-03	TONS-HR
85101	Particulate Matter 10	1.05E+01	TONS-YR	0.00E+00	TONS-HR
16113	Reactive Organic Gas	1.03E-02	TONS-YR	5.76E-05	TONS-HR
42401	Sulfur Dioxide	1.65E-02	TONS-YR	9.21E-05	TONS-HR

MT = Metric Ton = 2,204.6 pounds

C-1171314

Emission Statement - Calendar Year 2016 Emissions

Date / Time Printed 02/06/2017 / 6:09:29 AM

Please Sign and Return to:
 San Joaquin Valley APCD
 1990 E. Gettysburg Ave.
 Fresno, CA 93726

Facility ID # C - 1392
 TAD # 10 - 1392
 SIC # 724
 Facility Name WESTSIDE FARMERS COOP. GIN
 TOXID # 473
 Planning Inventory / Electronic

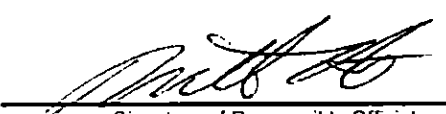
UTM Zone: 10
 UTM East: 745.752
 UTM North: 4054.85

CHECK BOX IF PROCESS RATES ARE CONFIDENTIAL :

N

Note: NH3 emissions are in lbs / yr

Device ID #	Process Number	Equipment Type	Yearly Process Rate	Units Source Classification Code	NOX Lb / Unit	VOC Lb / Unit	SOX Lb / Unit	CO Lb / Unit	PM10 Lb / Unit	NH3* Lb / Unit	(Tons/Yr)
1	1	COTTON GIN #4 - SAW - BALES OF COTTON	0	BALES OF COTTON	.0	.0	.0	.0	.75	.0	
				30200410	.0	.0	.0	.0	.0	.0	
1	2	TOTAL 22.5 MMBTU/HR DRYER/HUMIDIFIER - PROPANE	44.88 43.79	1000 GALLONS BURNED	9.4	.47	.75	1.88	.0	.0	
				30290005	.21	.01	.02	.04	.0	.0	
1	3	COTTON GIN #5 - ROLELR = BALES OF COTTON	16303.54 17327	BALES OF COTTON	.0	.0	.0	.0	1.21	.0	
				30200410	.0	.0	.0	.0	9.86	.0	
Totals For the Facility (Tons / Year)					0.21	0.01	0.02	0.04	9.86	0.0	

Contact	Louie Colombini	Name and Title of Responsible Official <u>Matt Toste - Gin Manager</u>	I certify that the information contained in the Emission Statement is accurate to the best of my knowledge.  Signature of Responsible Official and Date
Company	WESTSIDE FARMERS COOP. GIN		
Address	8587 S CONTRA COSTA AVE		
City, State, Zip	TRANQUILLITY, CA 93668		
Telephone	(559) 698 - 7221		
Email:			
Location of facility if different from above	WESTSIDE FARMERS COOP. GIN 8587 S CONTRA COSTA AVE TRANQUILLITY, CA 93668		

Note: This data was taken from last year's emissions inventory data. Please update this sheet with this year's data.

Facility Totals

CAS	Pollutant Name	Emissions			
42101	Carbon Monoxide	2.04E-02	TONS-YR	2.30E-04	TONS-HR
42603	Oxides of Nitrogen	1.02E-01	TONS-YR	1.15E-03	TONS-HR
85101	Particulate Matter 10	8.84E+00	TONS-YR	3.75E-03	TONS-HR
16113	Reactive Organic Gas	5.09E-03	TONS-YR	5.76E-05	TONS-HR
42401	Sulfur Dioxide	8.15E-03	TONS-YR	9.21E-05	TONS-HR

MT = Metric Ton = 2,204.6 pounds

Emission Statement - Calendar Year 2017 Emissions

Date / Time Printed 07/19/2018 / 12:11:52 PM

UTM Zone: 10
 UTM East: 745.752
 UTM North: 4054.85

Please Sign and Return to:
 San Joaquin Valley APCD
 1990 E. Gettysburg Ave.
 Fresno, CA 93726

Facility ID # C - 1392
 TAD # 10 - 1392
 SIC # 724
 Facility Name WESTSIDE FARMERS COOP. GIN
 TOXID # 473
 Planning Inventory / Electronic

CHECK BOX IF PROCESS RATES ARE CONFIDENTIAL :

N

Device ID #	Process Number	Equipment Type	Yearly Process Rate	Units	NOX Lb / Unit	VOC Lb / Unit	SOX Lb / Unit	CO Lb / Unit	PM10 Lb / Unit	NH3* Lb / Unit	Note: NH3 emissions are in lbs / yr
				Source Classification Code							
1	1	COTTON GIN #4 - SAW - BALES OF COTTON	0	BALES OF COTTON	.0	.0	.0	.0	.93	.0	
				30200410	.0	.0	.0	.0	.0	.0	(Tons/Yr)
1	2	TOTAL 22.5 MMBTU/HR DRYER/HUMIDIFIER - PROPANE	21.67	1000 GALLONS BURNED	9.4	.47	.75	1.88	.0	.0	
				30290005	.1	.01	.01	.02	.0	.0	(Tons/Yr)
1	3	COTTON GIN #5 - ROLELR = BALES OF COTTON	14605	BALES OF COTTON	.0	.0	.0	.0	1.21	.0	
				30200410	.0	.0	.0	.0	8.84	.0	(Tons/Yr)
Totals For the Facility (Tons / Year)					0.1	0.01	0.01	0.02	8.84	0.0	

Contact	Matt Toste	Name and Title of Responsible Official	I certify that the information contained in the Emission Statement is accurate to the best of my knowledge.
Company	WESTSIDE FARMERS COOP. GIN		
Address	8587 S CONTRA COSTA AVE	_____ Signature of Responsible Official and Date	
City, State, Zip	TRANQUILLITY, CA 93668		
Telephone	(559) 698 - 7221		
Email:	stairless@wsfcinc.com		
Location of facility if different from above	WESTSIDE FARMERS COOP. GIN 8587 S. CONTRA COSTA AVE TRANQUILLITY, CA 93668		

Note: This data was taken from last year's emissions inventory data. Please update this sheet with this year's data.

C-1392364

Emission Statement - Calendar Year 2017 Emissions

Date 4/19/2018
Time 12:59:11 PM

UTM
Zone : 10
East : 745.75233
North : 4054.8451

Please return to:
San Joaquin Valley Unified APCD
1990 East Gettysburg Avenue
Fresno, CA 93726
or FAX: (559) 230 - 6061

Facility ID # : C-1392
TAD # : 10-1392
SIC : 724
Facility Name : WESTSID
Toxic ID # : 473

Check Box If Process Rates are Confidential :

Device ID #	Process Number	Equipment Type	Yearly Process Rate	Units		NOX lb / Unit	VOC Lb / Unit	SOX lb / Unit	CO lb / Unit	PM10 Lb / Unit	NH3* Lb / Unit	
				Source Classification Code								
1	1	Cotton Gin #4 - Saw - Bales of Cotton	0.00	BALES OF COTTON		0.00	0.00	0.00	0.00	0.93	0.00	Tons/Yr.
				30200410		0.00	0.00	0.00	0.00	0.00	0.00	
1	2	Total 22.5 MMBtu/hr Dryer/Humidifier - Propane	21.67	1000 GALLONS BURNED		9.40	0.47	0.75	1.88	0.00	0.00	Tons/Yr.
			43.79	30290005		0.21	0.01	0.02	0.04	0.00	0.00	
1	3	Cotton Gin #5 - Rolelr = Bales of Cotton	4.605	BALES OF COTTON		0.00	0.00	0.00	0.00	1.21	0.00	Tons/Yr.
			47327.00	30200410		0.00	0.00	0.00	0.00	10.48	0.00	
Totals For the Facility (Tons/Year)						0.21	0.01	0.02	0.04	10.48	0.00	

* Please Note: Emissions for NH3 are reported in Lbs / Year.

Contact	Louie Colombini - Matt TOSTE
Company	WESTSIDE FARMERS COOP GIN
Address	8587 S CONTRA COSTA AVE
City, State, Zip	SAN JOAQUIN, CA 93668 Tranquillity, CA 93268
Telephone	(559) 698-7221
Email Address	sfairless@wsfcinc.com
Location of facility	8587 S CONTRA COSTA AVE
if different from above	TRANQUILITY

FACILITY WIDE RELATIVE MONTHLY ACTIVITY

If the facility has the same operating schedule year round, then check the Default Monthly Activity box.
Otherwise, provide the percentage and months the facility operates. Note: The total percentage for the year must add up to 100%.

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
<input checked="" type="checkbox"/> DEFAULT MONTHLY	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33
<input type="checkbox"/> RELATIVE MONTHLY	0	0	0	0	0	0	0	0	0	0

C-1392

Facility Totals

CAS	Pollutant Name	Emissions			
42101	Carbon Monoxide	3.41E-02	TONS-YR	2.30E-04	TONS-HR
42603	Oxides of Nitrogen	1.71E-01	TONS-YR	1.15E-03	TONS-HR
42401	Oxides of sulfur	1.36E-02	TONS-YR	9.21E-05	TONS-HR
85101	Particulate Matter (10 Microns or Less)	4.66E+00	TONS-YR	3.75E-03	TONS-HR
16113	Reactive Organic Gas	8.53E-03	TONS-YR	5.76E-05	TONS-HR

MT = Metric Ton = 2,204.6 pounds

Date / Time Printed 4/17/2019
1:50:44 PM

Emission Statement - Calendar Year 2018 Emissions

UTM Zone : 10
UTM East: 745.752
UTM North: 4054.85

Please Sign and Return to:
San Joaquin Valley APCD
1990 East Gettysburg Avenue
Fresno, CA 93726

Facility ID # C - 1392
TAD # 10 - 1392
SIC # 724 NAICS 115111
Facility Name WESTSIDE FARMERS COOP. GIN
TOXID # 473
Planning Inventory: / Electronic

CHECK BOX IF PROCESS RATES ARE CONFIDENTIAL :

N

Note: NH3 emissions are in lbs / yr

Device ID #	Process #	Equipment Type	Yearly Process Rate	Units	NOX Lb / Unit	VOC Lb / Unit	SOX Lb / Unit	CO Lb / Unit	PM10 Lb / Unit	NH3 Lb / Unit	
				Source Classification Code							
1	1	Cotton Gin #4 - Saw - Bales of Cotton	0	BALES OF COTTON	.0	.0	.0	.0	.93	.0	
				30200410	.0	.0	.0	.0	.0	.0	(Tons/Yr)
1	2	Total 22.5 MMBtu/hr Dryer/Humidifier - Propane	36.28	1000 GALLONS BURNED	9.4	.47	.75	1.88	.0	.0	
				30290005	.17	.01	.01	.03	.0	.0	(Tons/Yr)
1	3	Cotton Gin #5 - Roller = Bales of Cotton	7700	BALES OF COTTON	.0	.0	.0	.0	1.21	.0	
				30200410	.0	.0	.0	.0	4.66	.0	(Tons/Yr)

Date / Time Printed 4/17/2019
1:50:44 PM

Emission Statement - Calendar Year 2018 Emissions

UTM Zone : 10
UTM East: 745.752
UTM North: 4054.85

Please Sign and Return to:
San Joaquin Valley APCD
1990 East Gettysburg Avenue
Fresno, CA 93726

Facility ID # C - 1392
TAD # 10 - 1392
SIC # 724 NAICS 115111
Facility Name WESTSIDE FARMERS COOP. GIN
TOXID # 473
Planning Inventory: / Electronic

CHECK BOX IF PROCESS RATES ARE CONFIDENTIAL :

N

Note: NH3 emissions are in lbs / yr

Device ID #	Process #	Equipment Type	Yearly Process Rate	Units	NOX Lb / Unit	VOC Lb / Unit	SOX Lb / Unit	CO Lb / Unit	PM10 Lb / Unit	NH3 Lb / Unit
				Source Classification Code						
Totals For the Facility (TONS / YEAR):					.17	.01	.01	.03	4.66	.0

<p>Contact Matt Toste</p> <p>Company WESTSIDE FARMERS COOP GIN</p> <p>Address 8587 S CONTRA COSTA AVE</p> <p>City, State, Zip TRANQUILITY CA 93668</p> <p>Telephone (559) 698 - 7221</p> <p>Email: stairless@wsfcinc.com</p> <p>Location of facility if different from above WESTSIDE FARMERS COOP. GIN 8587 S CONTRA COSTA AVE</p>	<p>Name and Title of Responsible Official</p> <p>_____</p> <p>_____</p>	<p>I certify that the information contained in the Emission Statement is accurate to the best of my knowledge.</p> <p style="text-align: center;">_____</p> <p style="text-align: center;">Signature of Responsible Official and Date</p>
--	--	---

Emission Statement - Calendar Year 2018 Emissions

Date / Time Printed 1/15/2019 / 12:30:08 PM

Please Sign and Return to:
 San Joaquin Valley APCD
 1990 E. Gettysburg Ave.
 Fresno, CA 93726

Facility ID # C - 1392
 TAD # 10 - 1392
 SIC # 724
 Facility Name WESTSIDE FAR
 TOXID # 473
 Planning Inventory / Electronic

UTM Zone: 10
 UTM East: 745.752
 UTM North: 4054.85

CHECK BOX IF PROCESS RATES ARE CONFIDENTIAL :

N

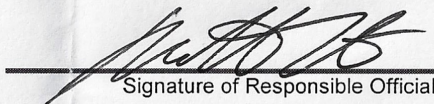
Device ID #	Process Number	Equipment Type	Yearly Process Rate	Units Source Classification Code	NOX Lb / Unit	VOC Lb / Unit	SOX Lb / Unit	CO Lb / Unit	PM10 Lb / Unit	NH3* Lb / Unit
1	1	COTTON GIN #4 - SAW - BALES OF COTTON	0	BALES OF COTTON	.0	.0	.0	.0	.93	.0
				30200410	.0	.0	.0	.0	.0	.0
1	2	TOTAL 22.5 MMBTU/HR DRYER/HUMIDIFIER - PROPANE	21.87 36.28	1000 GALLONS BURNED	9.4	.47	.75	1.88	.0	.0
				30290005	.1	.01	.01	.02	.0	.0
1	3	COTTON GIN #5 - ROLELR = BALES OF COTTON	14805 7,700	BALES OF COTTON	.0	.0	.0	.0	1.21	.0
				30200410	.0	.0	.0	.0	8.84	.0
Totals For the Facility (Tons / Year)					0.1	0.01	0.01	0.02	8.84	0.

Contact	Matt Toste
Company	WESTSIDE FARMERS COOP. GIN
Address	8587 S CONTRA COSTA AVE
City, State, Zip	TRANQUILLITY, CA 93668
Telephone	(559) 698 - 7221
Email:	stairless@wsfcinc.com
Location of facility if different from above	WESTSIDE FARMERS COOP. GIN 8587 S CONTRA COSTA AVE TRANQUILLITY, CA 93668

Name and Title of Responsible Official

Matt Toste, Gin Manager

I certify that the information contained in the Emission Statement is accurate to the best of my knowledge.


 Signature of Responsible Official and Date

Facility Totals

CAS	Pollutant Name	Emissions			
42101	Carbon Monoxide	8.60E-02	TONS-YR	2.31E-04	TONS-HR
42603	Oxides of Nitrogen	4.30E-01	TONS-YR	1.16E-03	TONS-HR
42401	Oxides of sulfur	3.44E-02	TONS-YR	9.25E-05	TONS-HR
85101	Particulate Matter (10 Microns or Less)	1.74E+01	TONS-YR	7.38E-03	TONS-HR
16113	Reactive Organic Gas	2.15E-02	TONS-YR	5.78E-05	TONS-HR
75070	Acetaldehyde	3.70E-02	LB-YR	9.94E-05	LB-HR
107028	Acrolein	2.32E-02	LB-YR	6.24E-05	LB-HR
7440382	Arsenic	1.98E-01	LB-YR	8.41E-05	LB-HR
71432	Benzene	6.88E-02	LB-YR	1.85E-04	LB-HR
7440439	Cadmium	3.48E-02	LB-YR	1.48E-05	LB-HR
18540299	Chromium, hexavalent (& compounds)	1.18E-02	LB-YR	5.00E-06	LB-HR
7440508	Copper	7.30E-01	LB-YR	3.10E-04	LB-HR
100414	Ethyl benzene	8.17E-02	LB-YR	2.20E-04	LB-HR
50000	Formaldehyde	1.46E-01	LB-YR	3.93E-04	LB-HR
110543	Hexane	5.42E-02	LB-YR	1.46E-04	LB-HR
7439921	Lead	5.56E-01	LB-YR	2.36E-04	LB-HR
7439965	Manganese	3.48E+00	LB-YR	1.48E-03	LB-HR
91203	Naphthalene	2.58E-03	LB-YR	6.94E-06	LB-HR
7440020	Nickel	2.43E-01	LB-YR	1.03E-04	LB-HR
1151	PAHs, total, w/o individ. components reported [Treated a	8.60E-04	LB-YR	2.31E-06	LB-HR
115071	Propylene	6.28E+00	LB-YR	1.69E-02	LB-HR
7782492	Selenium	3.48E-01	LB-YR	1.48E-04	LB-HR
108883	Toluene	3.15E-01	LB-YR	8.46E-04	LB-HR
1330207	Xylenes (mixed)	2.34E-01	LB-YR	6.29E-04	LB-HR
7440666	Zinc	1.63E+00	LB-YR	6.94E-04	LB-HR

MT = Metric Ton = 2,204.6 pounds

C1701 249

Emission Statement - Calendar Year 2019 Emissions

Date / Time Printed: 1/8/2020 12:02:11 PM

UTM Zone: 10
UTM East: 745732
UTM North: 4055

Please Sign and Return to:
San Joaquin Valley APCD
1990 E. Galtysburg Ave.
Fresno, CA 93725

RECEIVED

MAR 19 2020

Facility ID #: C - 1392
TAD #: 10 - 1392
SIC #: 724
Facility Name: WESTSIDE FARMERS COOP, GIN
TOXID #: 473
Planning Inventory: / Electronic

CHECK BOX IF PROCESS RATES ARE CONFIDENTIAL: N

Permit Services
SIVAPCD

Device ID #	Process Number	Equipment Type	Yearly Process Rate	Units	Source Characterization Code	NOX lb / Unit	VOC lb / Unit	SOX lb / Unit	CO lb / Unit	PM10 lb / Unit	MHCs* lb / Unit	Note: MHS emissions are in lbs / yr
1	1	COTTON GIN #4 - SAW - BALES OF COTTON	0	BALES OF COTTON	30200410	.0	.0	.0	.0	.75	.0	(Tons/Yr)
1	2	TOTAL 22.5 MMBTUHR DRYER/BLANDIFIER - PROPANE	6660	30230005	30230005	9.4	.47	.75	1.95	.0	.0	(Tons/Yr)
1	3	COTTON GIN #5 - ROUELR - BALES OF COTTON	7999	BALES OF COTTON	30230040	.17	.04	.04	.03	1.21	.0	(Tons/Yr)
Totals For the Facility (Tons / Year)						0.17	0.01	0.01	0.03	4.56	0.0	(Tons/Yr)

I certify that the information contained in the Emission Statement is accurate to the best of my knowledge.

Name and Title of Responsible Official
Math Toste, Manager

Signature of Responsible Official and Date
Math Toste 3-18-2020

Contact: ~~Leanne~~ *Math Toste*
Company: WESTSIDE FARMERS COOP, GIN
Address: 8567 S CONTRA COSTA RD
City/State/Zip: TRANQUILITY, CA 93665
Telephone: (559) 698 - 7221
Email: WESTSIDE FARMERS COOP, GIN
Location of facility if different from above: 8567 S CONTRA COSTA RD TRANQUILITY, CA 93665

Note: This data was taken from last year's emissions inventory data. Please update this sheet with this year's data.

Date / Time Printed 5/4/2020
9:00:45 AM

Emission Statement - Calendar Year 2019 Emissions

UTM Zone : 10
UTM East: 745.752
UTM North: 4055

Please Sign and Return to:
San Joaquin Valley APCD
1990 East Gettysburg Avenue
Fresno, CA 93726

Facility ID # C - 1392
TAD # 10 - 1392
SIC # 724 NAICS 115111
Facility Name WESTSIDE FARMERS COOP. GIN
TOXID # 473
Planning Inventory: / Electronic

CHECK BOX IF PROCESS RATES ARE CONFIDENTIAL :

N

Note: NH3 emissions are in lbs / yr

Device ID #	Process #	Equipment Type	Yearly Process Rate	Units	NOX Lb / Unit	VOC Lb / Unit	SOX Lb / Unit	CO Lb / Unit	PM10 Lb / Unit	NH3 Lb / Unit	
				Source Classification Code							
1	1	Cotton Gin #4 - Saw - Bales of Cotton	0	BALES OF COTTON	.0	.0	.0	.0	.75	.0	
				30200410	.0	.0	.0	.0	.0	.0	(Tons/Yr)
1	2	Total 22.5 MMBtu/hr Dryer/Humidifier - Propane	91.44	1000 GALLONS BURNED	9.4	.47	.75	1.88	.0	.0	
				30290005	.43	.02	.03	.09	.0	.0	(Tons/Yr)
1	3	Cotton Gin #5 - Rolelr = Bales of Cotton	28724	BALES OF COTTON	.0	.0	.0	.0	1.21	.0	
				30200410	.0	.0	.0	.0	17.38	.0	(Tons/Yr)

Date / Time Printed 5/4/2020
9:00:45 AM

Emission Statement - Calendar Year 2019 Emissions

UTM Zone : 10
UTM East: 745.752
UTM North: 4055

Please Sign and Return to:
San Joaquin Valley APCD
1990 East Gettysburg Avenue
Fresno, CA 93726

Facility ID # C - 1392
TAD # 10 - 1392
SIC # 724 NAICS 115111
Facility Name WESTSIDE FARMERS COOP. GIN
TOXID # 473
Planning Inventory: / Electronic

CHECK BOX IF PROCESS RATES ARE CONFIDENTIAL : **N**

Note: NH3 emissions are in lbs / yr

Device ID #	Process #	Equipment Type	Yearly Process Rate	Units	NOX Lb / Unit	VOC Lb / Unit	SOX Lb / Unit	CO Lb / Unit	PM10 Lb / Unit	NH3 Lb / Unit
				Source Classification Code						
Totals For the Facility (TONS / YEAR):					.43	.02	.03	.09	17.38	.0

Contact Matt Toste	Name and Title of Responsible Official	I certify that the information contained in the Emission Statement is accurate to the best of my knowledge.
Company WESTSIDE FARMERS COOP GIN		
Address 8587 S CONTRA COSTA AVE	_____	Signature of Responsible Official and Date
City, State, Zip SAN JOAQUIN CA 93668	_____	
Telephone (559) 698 - 7221	_____	
Email:	_____	
Location of facility if different from above WESTSIDE FARMERS COOP. GIN 8587 S CONTRA COSTA AVE	_____	

Facility Totals

CAS	Pollutant Name	Emissions			
42101	Carbon Monoxide	4.30E-02	TONS-YR	2.31E-04	TONS-HR
42603	Oxides of Nitrogen	2.15E-01	TONS-YR	1.16E-03	TONS-HR
42401	Oxides of sulfur	1.72E-02	TONS-YR	9.25E-05	TONS-HR
85101	Particulate Matter (10 Microns or Less)	1.14E+01	TONS-YR	7.38E-03	TONS-HR
16113	Reactive Organic Gas	1.08E-02	TONS-YR	5.78E-05	TONS-HR
75070	Acetaldehyde	1.85E-02	LB-YR	9.94E-05	LB-HR
107028	Acrolein	1.16E-02	LB-YR	6.24E-05	LB-HR
7440382	Arsenic	1.30E-01	LB-YR	8.41E-05	LB-HR
71432	Benzene	3.44E-02	LB-YR	1.85E-04	LB-HR
7440439	Cadmium	2.29E-02	LB-YR	1.48E-05	LB-HR
18540299	Chromium, hexavalent (& compounds)	7.76E-03	LB-YR	5.00E-06	LB-HR
7440508	Copper	4.81E-01	LB-YR	3.10E-04	LB-HR
100414	Ethyl benzene	4.09E-02	LB-YR	2.20E-04	LB-HR
50000	Formaldehyde	7.31E-02	LB-YR	3.93E-04	LB-HR
110543	Hexane	2.71E-02	LB-YR	1.46E-04	LB-HR
7439921	Lead	3.66E-01	LB-YR	2.36E-04	LB-HR
7439965	Manganese	2.29E+00	LB-YR	1.48E-03	LB-HR
91203	Naphthalene	1.29E-03	LB-YR	6.94E-06	LB-HR
7440020	Nickel	1.60E-01	LB-YR	1.03E-04	LB-HR
1151	PAHs, total, w/o individ. components reported [Treated a	4.30E-04	LB-YR	2.31E-06	LB-HR
115071	Propylene	3.15E+00	LB-YR	1.69E-02	LB-HR
7782492	Selenium	2.29E-01	LB-YR	1.48E-04	LB-HR
108883	Toluene	1.57E-01	LB-YR	8.46E-04	LB-HR
1330207	Xylenes (mixed)	1.17E-01	LB-YR	6.29E-04	LB-HR
7440666	Zinc	1.08E+00	LB-YR	6.94E-04	LB-HR

MT = Metric Ton = 2,204.6 pounds

Emission Statement - Calendar Year 2020 Emissions

Date / Time Printed 1/27/2021 / 2:37:32 PM

UTM Zone: 10
 UTM East: 745.752
 UTM North: 4055

Please Sign and Return to:
 San Joaquin Valley APCD
 1990 E. Gettysburg Ave.
 Fresno, CA 93726

Facility ID # C - 1392
 TAD # 10 - 1392
 SIC # 724
 Facility Name WESTSIDE FARMERS COOP. GIN
 TOXID # 473
 Planning Inventory / Electronic
 Update Summary CTR

Device ID #	Process Number	Equipment Type	Yearly Process Rate	Units		NOX Lb / Unit	VOC Lb / Unit	SOX Lb / Unit	CO Lb / Unit	PM10 Lb / Unit	NH3* Lb / Unit	Note: NH3 emissions are in lbs / yr
				Source Classification Code								
1	1	COTTON GIN #4 - SAW - BALES OF COTTON	0	BALES OF COTTON		.0	.0	.0	.0	.75	.0	
				30200410		.0	.0	.0	.0	.0	.0	(Tons/Yr)
1	2	TOTAL 22.5 MMBTU/HR DRYER/HUMIDIFIER - PROPANE	91.44 45.77	1000 GALLONS BURNED		9.4	.47	.75	1.88	.0	.0	
				30290005		.43	.02	.03	.09	.0	.0	(Tons/Yr)
1	3	COTTON GIN #5 - ROLELR = BALES OF COTTON	28724 18,919	BALES OF COTTON		.0	.0	.0	.0	1.21	.0	
				30200410		.0	.0	.0	.0	17.38	.0	(Tons/Yr)
Totals For the Facility (Tons / Year)						0.43	0.02	0.03	0.09	17.38	0.0	

<p>Contact Matt Teste <u>Sylvia Fairless</u></p> <p>Company <u>WESTSIDE FARMERS COOP. GIN</u></p> <p>Address <u>8587 S CONTRA COSTA RD</u></p> <p>City, State, Zip <u>TRANQUILLITY, CA 93668</u></p> <p>Telephone <u>(559) 698 - 7221</u></p> <p>Email: _____</p> <p>Location of facility if different from above <u>WESTSIDE FARMERS COOP. GIN</u> <u>8587 S CONTRA COSTA RD</u> <u>TRANQUILLITY, CA 93668</u></p>	<p>Name and Title of Responsible Official</p> <p><u>Sylvia Fairless</u> <u>Administrative Assistant</u></p>	<p>I certify that I am authorized by the owner or operator of the facility to submit the annual emissions report, and that to the best of my knowledge, all information submitted is true, complete, and correct. Additionally, if the CTR box above is checked, this information will be transmitted to the California Air Resources Board on my behalf pursuant to the Regulation for the Reporting of Criteria Air Pollutants and Toxic Air Contaminants (17 CCR Section 93400-93410)(CTR).</p> <p style="text-align: center;"><u>Sylvia Fairless</u> Signature of Responsible Official and Date</p>
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To submit a request to the District to designate information as confidential, please forward a completed "Request for Confidential Classification of Source Data" to the District, which can be found online at www.valleyair.org. Upon receiving the form, District staff will assess the request and determine whether the information can be classified as confidential under District Rule 1030.

Note: This data was taken from last year's emissions inventory data. Please update this sheet with this year's data.

Facility Stack Data

County ID: 10 Facility ID: 1392

<i>Unit ID</i>	<i>Stack Name</i>	<i>Unit Type</i>	<i>Ht. (ft)</i>	<i>Dia. (ft)</i>	<i>Exh. Temp. (F)</i>	<i>CFM</i>	<i>X Length (ft)</i>	<i>Y Length (ft)</i>	<i>Ht. (ft)</i>
1	Cotton Gin w/Total 22.5 MMBtu/hr Dryer/Humidifier	POINT	28	3	67	4444	0	0	

Date / Time Printed 3/15/2021
9:00:45 AM

Emission Statement - Calendar Year 2020 Emissions

UTM Zone : 10
UTM East: 745.752
UTM North: 4055

Please Sign and Return to:
San Joaquin Valley APCD
1990 East Gettysburg Avenue
Fresno, CA 93726

Facility ID # C - 1392
TAD # 10 - 1392
SIC # 724 NAICS 115111
Facility Name WESTSIDE FARMERS COOP. GIN
TOXID # 473
Planning Inventory: / Electronic

CHECK BOX IF PROCESS RATES ARE CONFIDENTIAL :

N

Note: NH3 emissions are in lbs / yr

Device ID #	Process #	Equipment Type	Yearly Process Rate	Units	NOX Lb / Unit	VOC Lb / Unit	SOX Lb / Unit	CO Lb / Unit	PM10 Lb / Unit	NH3 Lb / Unit	
				Source Classification Code							
1	1	Cotton Gin #4 - Saw - Bales of Cotton	0	BALES OF COTTON	.0	.0	.0	.0	.75	.0	
				30200410	.0	.0	.0	.0	.0	.0	(Tons/Yr)
1	2	Total 22.5 MMBtu/hr Dryer/Humidifier - Propane	45.77	1000 GALLONS BURNED	9.4	.47	.75	1.88	.0	.0	
				30290005	.22	.01	.02	.04	.0	.0	(Tons/Yr)
1	3	Cotton Gin #5 - Rolelr = Bales of Cotton	18919	BALES OF COTTON	.0	.0	.0	.0	1.21	.0	
				30200410	.0	.0	.0	.0	11.45	.0	(Tons/Yr)

Date / Time Printed 3/15/2021
9:00:45 AM

Emission Statement - Calendar Year 2020 Emissions

UTM Zone : 10
UTM East: 745.752
UTM North: 4055

Please Sign and Return to:
San Joaquin Valley APCD
1990 East Gettysburg Avenue
Fresno, CA 93726

Facility ID # C - 1392
TAD # 10 - 1392
SIC # 724 NAICS 115111
Facility Name WESTSIDE FARMERS COOP. GIN
TOXID # 473
Planning Inventory: / Electronic

CHECK BOX IF PROCESS RATES ARE CONFIDENTIAL :

N

Note: NH3 emissions are in lbs / yr

Device ID #	Process #	Equipment Type	Yearly Process Rate	Units	NOX Lb / Unit	VOC Lb / Unit	SOX Lb / Unit	CO Lb / Unit	PM10 Lb / Unit	NH3 Lb / Unit
				Source Classification Code						
Totals For the Facility (TONS / YEAR):					.22	.01	.02	.04	11.45	.0

Contact	Matt Toste	Name and Title of Responsible Official _____ _____	I certify that the information contained in the Emission Statement is accurate to the best of my knowledge.
Company	WESTSIDE FARMERS COOP GIN		
Address	8587 S CONTRA COSTA AVE		
City, State, Zip	SAN JOAQUIN CA 93668		
Telephone	(559) 698 - 7221		
Email:			
Location of facility if different from above	WESTSIDE FARMERS COOP. GIN 8587 S CONTRA COSTA AVE _____ _____		_____ Signature of Responsible Official and Date

Facility Totals

CAS	Pollutant Name	Emissions			
42101	Carbon Monoxide	2.54E-02	TONS-YR	2.31E-04	TONS-HR
42603	Oxides of Nitrogen	1.27E-01	TONS-YR	1.16E-03	TONS-HR
42401	Oxides of sulfur	1.02E-02	TONS-YR	9.25E-05	TONS-HR
85101	Particulate Matter (10 Microns or Less)	4.95E+00	TONS-YR	7.38E-03	TONS-HR
16113	Reactive Organic Gas	6.35E-03	TONS-YR	5.78E-05	TONS-HR
75070	Acetaldehyde	1.09E-02	LB-YR	9.94E-05	LB-HR
107028	Acrolein	6.86E-03	LB-YR	6.24E-05	LB-HR
7440382	Arsenic	5.65E-02	LB-YR	8.41E-05	LB-HR
71432	Benzene	2.03E-02	LB-YR	1.85E-04	LB-HR
7440439	Cadmium	9.91E-03	LB-YR	1.48E-05	LB-HR
18540299	Chromium, hexavalent (& compounds)	3.36E-03	LB-YR	5.00E-06	LB-HR
7440508	Copper	2.08E-01	LB-YR	3.10E-04	LB-HR
100414	Ethyl benzene	2.41E-02	LB-YR	2.20E-04	LB-HR
50000	Formaldehyde	4.32E-02	LB-YR	3.93E-04	LB-HR
110543	Hexane	1.60E-02	LB-YR	1.46E-04	LB-HR
7439921	Lead	1.59E-01	LB-YR	2.36E-04	LB-HR
7439965	Manganese	9.91E-01	LB-YR	1.48E-03	LB-HR
91203	Naphthalene	7.62E-04	LB-YR	6.94E-06	LB-HR
7440020	Nickel	6.94E-02	LB-YR	1.03E-04	LB-HR
1151	PAHs, total, w/o individ. components reported [Treated	2.54E-04	LB-YR	2.31E-06	LB-HR
115071	Propylene	1.86E+00	LB-YR	1.69E-02	LB-HR
7782492	Selenium	9.91E-02	LB-YR	1.48E-04	LB-HR
108883	Toluene	9.30E-02	LB-YR	8.46E-04	LB-HR
1330207	Xylenes (mixed)	6.91E-02	LB-YR	6.29E-04	LB-HR
7440666	Zinc	4.66E-01	LB-YR	6.94E-04	LB-HR

MT = Metric Ton = 2,204.6 pounds

Date / Time Printed 2/15/2022
4:26:04 PM

Emission Statement - Calendar Year 2021 Emissions

UTM Zone : 10
UTM East: 745.752
UTM North: 4055

Please Sign and Return to:
San Joaquin Valley APCD
1990 East Gettysburg Avenue
Fresno, CA 93726

Facility ID # C - 1392
TAD # 10 - 1392
SIC # 724 NAICS 115111
Facility Name WESTSIDE FARMERS COOP. GIN
TOXID # 473
Planning Inventory: / Electronic

CHECK BOX IF PROCESS RATES ARE CONFIDENTIAL :

N

Note: NH3 emissions are in lbs / yr

Device ID #	Process #	Equipment Type	Yearly Process Rate	Units	NOX Lb / Unit	VOC Lb / Unit	SOX Lb / Unit	CO Lb / Unit	PM10 Lb / Unit	NH3 Lb / Unit	
				Source Classification Code							
1	1	Cotton Gin #4 - Saw - Bales of Cotton	0	BALES OF COTTON	.0	.0	.0	.0	.75	.0	
				30200410	.0	.0	.0	.0	.0	.0	(Tons/Yr)
1	2	Total 22.5 MMBtu/hr Dryer/Humidifier - Propane	27.018	1000 GALLONS BURNED	9.4	.47	.75	1.88	.0	.0	
				30290005	.13	.01	.01	.03	.0	.0	(Tons/Yr)
1	3	Cotton Gin #5 - Rolelr = Bales of Cotton	8189	BALES OF COTTON	.0	.0	.0	.0	1.21	.0	
				30200410	.0	.0	.0	.0	4.95	.0	(Tons/Yr)

Date / Time Printed 2/15/2022
4:26:04 PM

Emission Statement - Calendar Year 2021 Emissions

UTM Zone : 10
UTM East: 745.752
UTM North: 4055

Please Sign and Return to:
San Joaquin Valley APCD
1990 East Gettysburg Avenue
Fresno, CA 93726

Facility ID # C - 1392
TAD # 10 - 1392
SIC # 724 NAICS 115111
Facility Name WESTSIDE FARMERS COOP. GIN
TOXID # 473
Planning Inventory: / Electronic

CHECK BOX IF PROCESS RATES ARE CONFIDENTIAL :

N

Note: NH3 emissions are in lbs / yr

Device ID #	Process #	Equipment Type	Yearly Process Rate	Units	NOX Lb / Unit	VOC Lb / Unit	SOX Lb / Unit	CO Lb / Unit	PM10 Lb / Unit	NH3 Lb / Unit
				Source Classification Code						
Totals For the Facility (TONS / YEAR):					.13	.01	.01	.03	4.95	.0

Contact Sylvia Fairless	Name and Title of Responsible Official _____ _____	I certify that the information contained in the Emission Statement is accurate to the best of my knowledge.
Company WESTSIDE FARMERS COOP GIN		
Address 8587 S CONTRA COSTA AVE		
City.State.Zip SAN JOAQUIN CA 93668		
Telephone (559) 698 - 7221		
Email:		
Location of facility if different from above WESTSIDE FARMERS COOP. GIN 8587 S CONTRA COSTA AVE _____ _____		
		_____ Signature of Responsible Official and Date

Facility Stack Data

County ID: 10 Facility ID: 1392

<i>Unit ID</i>	<i>Stack Name</i>	<i>Unit Type</i>	<i>Ht. (ft)</i>	<i>Dia. (ft)</i>	<i>Exh. Temp.</i>	<i>CFM</i>	<i>X Length (ft)</i>	<i>Y Length (ft)</i>	<i>Ht. (ft)</i>
1	Cotton Gin w/Total 22.5 MMBtu/hr Dryer/Humidifier	POINT	28	3	67	4444	0	0	

Emission Statement - Calendar Year 2021 Emissions

Facility ID # C - 1392
 TAD # 10 - 1392
 SIC # 724

Facility Name WESTSIDE FARMERS COOP. GIN
 TOXID # 473

Planning Inventory / Electronic

Update Summary CTR

Please Sign and Return to:
 San Joaquin Valley APCD
 1990 E. Gettysburg Ave.
 Fresno, CA 93726

Date / Time Printed 1/24/2022 / 9:13:46 AM

UTM Zone: 10
 UTM East: 745.752
 UTM North: 4055

Device ID #	Process Number	Equipment Type	Yearly Process Rate	Units Source Classification Code	NOX Lb / Unit	VOC Lb / Unit	SOX Lb / Unit	CO Lb / Unit	PM10 Lb / Unit	NH3* Lb / Unit	Note: NH3 emissions are in lbs / yr
1	1	COTTON GIN #4 - SAW - BALES OF COTTON	0	BALES OF COTTON 30200410	.0	.0	.0	.0	.75	.0	(Tons/Yr)
1	2	TOTAL 22.5 MMBTU/HR DRYER/HUMIDIFIER - PROPANE	45.77 27.018	1000 GALLONS BURNED 30290005	9.4	.47	.75	1.88	.0	.0	(Tons/Yr)
1	3	COTTON GIN #5 - ROLELR = BALES OF COTTON	48919 8,189	BALES OF COTTON 30200410	.0	.0	.0	.0	1.21	.0	(Tons/Yr)
Totals For the Facility (Tons / Year)					0.22	0.01	0.02	0.04	11.45	0.0	

I certify that I am authorized by the owner or operator of the facility to submit the annual emissions report, and that to the best of my knowledge, all information submitted is true, complete, and correct. Additionally, if the CTR box above is checked, this information will be transmitted to the California Air Resources Board on my behalf pursuant to the Regulation for the Reporting of Criteria Air Pollutants and Toxic Air Contaminants (17 CCR Section 93400-93410)(CTR).

Name and Title of Responsible Official
Sylvia Fairless
Office Manager

Sylvia Fairless 2/08/2022
 Signature of Responsible Official and Date

Contact Sylvia Fairless
 Company WESTSIDE FARMERS COOP. GIN
 Address 8587 S CONTRA COSTA RD
 City, State, Zip TRANQUILLITY, CA 93668
 Telephone (559) 698 - 7221
 Email:
 Location of facility if different WESTSIDE FARMERS COOP. GIN
 from above 8587 S CONTRA COSTA RD
 TRANQUILLITY, CA 93668

To submit a request to the District to designate information as confidential, please forward a completed "Request for Confidential Classification of Source Data" to the District, which can be found online at www.valleyair.org. Upon receiving the form, District staff will assess the request and determine whether the information can be classified as confidential under District Rule 1030.

Note: This data was taken from last year's emissions inventory data. Please update this sheet with this year's data.

Emission Statement - Calendar Year 2022 Emissions

Date / Time Printed 1/18/2023 / 11:58:16 AM

UTM Zone: 10
 UTM East: 745.752
 UTM North: 4055

Please Sign and Return to:
 San Joaquin Valley APCD
 1990 E. Gettysburg Ave.
 Fresno, CA 93726

Facility ID # C - 1392
 TAD # 10 - 1392
 SIC # 724
 Facility Name WESTSIDE FARMERS COOP. GIN
 TOXID # 473

Planning Inventory / Electronic

Update Summary CTR

Device ID #	Process Number	Equipment Type	Yearly Process Rate	Units Source Classification Code	NOX Lb / Unit	VOC Lb / Unit	SOX Lb / Unit	CO Lb / Unit	PM10 Lb / Unit	NH3* Lb / Unit	Note: NH3 emissions are in lbs / yr
1	1	COTTON GIN #4 - SAW - BALES OF COTTON	0	BALES OF COTTON 30200410	.0	.0	.0	.0	.75	.0	(Tons/Nr)
1	2	TOTAL 22.5 MMBTU/HR DRYER/HUMIDIFIER - PROPANE	-27.048 59,975	1000 GALLONS BURNED 30290005	9.4	.47	.75	1.88	.0	.0	(Tons/Nr)
1	3	COTTON GIN #5 - ROLELR = BALES OF COTTON	-8169 12,552	BALES OF COTTON 30200410	.13	.01	.01	.03	.0	.0	(Tons/Nr)
Totals For the Facility (Tons / Year)					0.13	0.01	0.01	0.03	4.95	0.0	(Tons/Nr)

Contact Sylvia Fairless
 Company WESTSIDE FARMERS COOP. GIN
 Address 8887 S CONTRA COSTA RD
 City, State, Zip TRANQUILLITY, CA 93668
 Telephone (559) 698 - 7221
 Email:
 Location of facility if different from above WESTSIDE FARMERS COOP. GIN
 8887 S CONTRA COSTA RD
 TRANQUILLITY, CA 93668

Name and Title of Responsible Official
 Sylvia Fairless
 Office Manager

I certify that I am authorized by the owner or operator of the facility to submit the annual emissions report, and that to the best of my knowledge, all information submitted is true, complete, and correct. Additionally, if the CTR box above is checked, this information will be transmitted to the California Air Resources Board on my behalf pursuant to the Regulation for the Reporting of Criteria Air Pollutants and Toxic Air Contaminants (17 CCR Section 93400-93410)(CTR).

Sylvia Fairless
 Signature of Responsible Official and Date 1/18/23

To submit a request to the District to designate information as confidential, please forward a completed "Request for Confidential Classification of Source Data" to the District, which can be found online at www.valleyair.org. Upon receiving the form, District staff will assess the request and determine whether the information can be classified as confidential under District Rule 1030.

Note: This data was taken from last year's emissions inventory data. Please update this sheet with this year's data.

APPENDIX D
Draft ERC Certificates

San Joaquin Valley
Air Pollution Control District

Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726

Emission Reduction Credit Certificate

C-1583-1

DRAFT

ISSUED TO: WESTSIDE FARMERS COOP. GIN

ISSUED DATE: <DRAFT>

LOCATION OF REDUCTION: 8587 S CONTRA COSTA RD
TRANQUILLITY, CA 93668

For VOC Reductions In The Amount Of:

Quarter 1	Quarter 2	Quarter 3	Quarter 4
17 lbs	None	None	30 lbs

Method Of Reduction

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

Shutdown of cotton ginning operation (permit unit C-1392-1).

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.

Samir Sheikh, Executive Director / APCO

DRAFT

Brian Clements, Director of Permit Services

San Joaquin Valley
Air Pollution Control District

Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726

Emission Reduction Credit Certificate

C-1583-2

DRAFT

ISSUED TO: WESTSIDE FARMERS COOP. GIN

ISSUED DATE: <DRAFT>

LOCATION OF REDUCTION: 8587 S CONTRA COSTA RD
TRANQUILLITY, CA 93668

For NOx Reductions In The Amount Of:

Quarter 1	Quarter 2	Quarter 3	Quarter 4
197 lbs	None	None	343 lbs

Method Of Reduction

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

Shutdown of cotton ginning operation (permit unit C-1392-1).

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.

Samir Sheikh, Executive Director / APCO

DRAFT

Brian Clements, Director of Permit Services

San Joaquin Valley
Air Pollution Control District

Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726

Emission Reduction Credit Certificate

C-1583-3

ISSUED TO: WESTSIDE FARMERS COOP. GIN

ISSUED DATE: <DRAFT>

LOCATION OF REDUCTION: 8587 S CONTRA COSTA RD
TRANQUILLITY, CA 93668

For CO Reductions In The Amount Of:

Quarter 1	Quarter 2	Quarter 3	Quarter 4
577 lbs	None	None	1,001 lbs

Method Of Reduction

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

Shutdown of cotton ginning operation (permit unit C-1392-1).

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.

Samir Sheikh, Executive Director / APCO

Brian Clements, Director of Permit Services

San Joaquin Valley
Air Pollution Control District

Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726

Emission Reduction Credit Certificate

C-1583-4

ISSUED TO: WESTSIDE FARMERS COOP. GIN

ISSUED DATE: <DRAFT>

LOCATION OF REDUCTION: 8587 S CONTRA COSTA RD
TRANQUILLITY, CA 93668

For PM10 Reductions In The Amount Of:

Quarter 1	Quarter 2	Quarter 3	Quarter 4
4,914 lbs	None	None	8,527 lbs

Portion of above PM10 Reductions that is PM2.5:

Quarter 1	Quarter 2	Quarter 3	Quarter 4
16.0%	0.0%	0.0%	16.0%
786 lbs	None	None	1,364 lbs

Method Of Reduction

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

Shutdown of cotton ginning operation (permit unit C-1392-1).

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.

Samir Sheikh, Executive Director / APCO

Brian Clements, Director of Permit Services

San Joaquin Valley
Air Pollution Control District

Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726

Emission Reduction Credit Certificate

C-1583-5

DRAFT

ISSUED TO: WESTSIDE FARMERS COOP. GIN

ISSUED DATE: <DRAFT>

LOCATION OF REDUCTION: 8587 S CONTRA COSTA RD
TRANQUILLITY, CA 93668

For SOx Reductions In The Amount Of:

Quarter 1	Quarter 2	Quarter 3	Quarter 4
32 lbs	None	None	56 lbs

Method Of Reduction

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

Shutdown of cotton ginning operation (permit unit C-1392-1).

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.

Samir Sheikh, Executive Director / APCO

DRAFT

Brian Clements, Director of Permit Services

APPENDIX E
Source Test Results

**SAN JOAQUIN VALLEY UNIFIED
AIR POLLUTION CONTROL DISTRICT**

MEMORANDUM

DATE: January 13, 2005
TO: Source Test File
CC: Daniel Martinez
SUBJECT: Review of Source Test for Westside Farmers Coop Gin
November 8-9, 2004
ATC #C-1392-1-5

AIR_x Testing was retained by Westside Farmers Coop Gin (Westside) to conduct compliance emission testing of a roller-type cotton gin served by 1D3-D cyclones. The following cyclones and systems were tested: one 40" 1D-3D cyclone serving the #2 Precleaner system; one 60" 1D-3D cyclone serving the #2 Lint Cleaner system; and one 44" 1D-3D cyclone serving the Overflow system. The cyclone units were tested under normal operating conditions.

District compliance staff found notification, reporting, and source test protocols employed during this test to be satisfactory.

The data and calculations included in the report submittal were evaluated to ensure accuracy.

A review of the report submitted by AIR_x Testing on behalf of Westside indicates that the 40", 60", and 44" 1D-3D cyclones serving the #2 Precleaner system, #2 Lint Cleaner system, and Overflow system were all unsuccessful in meeting the emission limitations specified in the ATC. NOV #28046 issued for the violation of District Rule 2010.

One 40" 1D-3D cyclone serving the #2 Precleaner System

➤ Per Cyclone

PM₁₀	0.0278 gr/dscf	1.02 lb/hr	0.0553 lb/bale*
Flow_(Outlet)	4,620.8 acfm		
Velocity_(Inlet)	3,327.0 ft/min**		

➤ Per System

PM₁₀	0.1112 gr/dscf	4.09 lb/hr	0.2214 lb/bale* (Limit: 0.14)
------------------------	-----------------------	-------------------	--------------------------------------

One 60" 1D-3D cyclone serving the #2 Lint Cleaner System

➤ Per Cyclone

PM₁₀	0.0050 gr/dscf	0.37 lb/hr	0.0195 lb/bale*
Flow_(Outlet)	9,038.0 acfm		
Velocity_(Inlet)	4,648.8 ft/min***		

* All lb/bale values reported as 500 lb bales

** Inlet cyclone velocity calculated using formula as follows: $V = 8Q/D^2$

Where Q = volumetric airflow (acfm), and

D = cyclone diameter (ft)

*** Inlet cyclone velocity measured prior to source test and provided in source test report

➤ Per System

PM₁₀ 0.0200 gr/dscf 1.50 lb/hr 0.0782 lb/bale* (Limit: 0.05)

One 44" 1D-3D cyclone serving the Overflow System

➤ Per Cyclone

PM₁₀ 0.0141 gr/dscf 0.62 lb/hr 0.0320 lb/bale*
Flow (Outlet) 5,451.5 acfm
Velocity (Inlet) 3,243.9 ft/min**

➤ Per System

PM₁₀ 0.0564 gr/dscf 2.49 lb/hr 0.1279 lb/bale* (Limit: 0.10)

Steve Bacom
AQI-II

* All lb/bale values reported as 500 lb bales

** Inlet cyclone velocity calculated using formula as follows: $V = 8Q/D^2$

Where Q = volumetric airflow (acfm), and
D = cyclone diameter (ft)

*** Inlet cyclone velocity measured prior to source test and provided in source test report