MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

Preliminary Determination

NSR Permitting Action

Company:

Western States Wholesale, Inc.

(Co. #1515)

Facility:

California Silica Products LLC

(Fac. #2582)

Facility Address:

12808 Rancho Road Adelanto, CA 92301

Document Date: March 28, 2018 Submittal date to EPA/CARB for review: March 30, 2018 EPA/CARB 30-day Commenting Period ends: May 4, 2018

> Public Notice Posted: April 4, 2018 Public Commenting Period ends: May 4, 2018 Permit Issue date: On or about May 18, 2018

> > Permitting Engineer: Roseana Brasington

14306 PARK AVENUE, VICTORVILLE, CALIFORNIA 92392
PHONE: (760) 245-1661 • FAX: (760) 245-2022 • EMAIL: PERMITTING@MDAQMD.CA.GOV

A. Introduction

1. Application and Setting

California Silica Products LLC is a sand and gravel processing facility. The facility includes several process lines which include crushing, screening, drying, storage, and transporting of materials. The facility location is within the District's Federal Ozone Nonattainment Area (FONA) and is also designated State and Federal nonattainment for PM10.

In June 2017, the facility submitted a permit application for a crushing/screening circuit and a new dust collector. They already have a number of permits for various sand processing operations. California Silica Products LLC has operated at this location for approximately 15 years. The facility emits particulate matter including some toxic air contaminants. There are small burners used for drying of materials in two processes, these are below the 2 MMBtu/hr threshold specified in Rule 219 and while listed on the permit, are exempt from requirements. In August District staff conducted a site visit at the facility in efforts to clarify understanding of the permit units and facility operations.

During the site visit it was determined that the valid permits did not adequately or accurately represent the equipment present on site. District staff has worked with the facility to correct the permitting inadequacies. The facility was required to submit new permit applications for each new or modified process identified during the site visit.

2. Description of Project

The facility submitted permit applications requesting to modify existing permits to align them with the existing facility. The District through the New Source Review process re-evaluated the PTE for all existing equipment, the new crushing equipment and the new dust collector. It was determined that the "new" crushing/screening equipment is actually part of the existing crushing circuit and that the new equipment replaces existing equipment listed on the permit.

The District proposes to impose a 24.9 ton/year emissions limit which will allow for some potential growth and operational flexibility. The proposed emissions limit is above the permitting threshold for offsets which is 15 tons/year for PM10, however the facility has obtained ERCs to satisfy the offset requirement as will be further detailed later in this document. The 24.9 ton/year PM10 emissions cap that will be applied is below the 100 ton/year PM10 Title V threshold and below the 80 ton Synthetic Minor (SM80) threshold, therefore the facility will not require a Title V operating permit and will not be federally reportable since their PM10 emissions are below 80 percent of the Title V permitting threshold.

В. **Analysis**

1. Determination of Emissions

[District Rule 1302(C)(1)]

The facility requests to increase their potential PM10 emissions to 24.9 tons/year which is below the 25 ton/year annual BACT threshold. Emissions changes from the proposed new and modified equipment constitute a Net Emissions Increase and therefore are an NSR Modification. as defined under District Rule 1301. A facility emissions cap for PM10 has been added to each District permit limiting annual PM10 emissions to 24.9 tons/year.

As was previously stated, existing permits did not adequately or accurately represent the equipment present on site. Because there was insufficient information to accurately estimate Historical Actual Emissions, the facility is required to fully offset the entire 24.9 tons/year of PM10.

2. Determination of Nonattainment NSR Requirements

[District Rule 1302(C)(2)]

a. BACT Evaluation

[District Rule 1302(C)(2)(a)]

Pursuant to Rule 1303(A), Best Available Control Technology is triggered if:

- 1. new and modified permit units emit 25 lb/day or more of any Non-attainment air pollutants
- 2. modified facilities which have a PTE of any Non-attainment air pollutants in excess of 25 tons/year

The facility is located in a state and federal PM10 non-attainment area; however the daily PTE for PM10 as shown below is limited to less than the BACT daily thresholds specified in the Rule. As proposed the facility will operate under an annual PM10 emissions cap of 24.9 tons/year, therefore the PTE limit is less than the annual BACT threshold specified in the rule. The facility is in an area designated non-attainment for State and Federal ozone standards however the PTE for NOx and VOC are also below the BACT threshold. BACT is not required for any criteria pollutant for this permitting action.

	TPY	
	PM10	LB/DAY
B008715 CRUSH/SCREEN	1	6
NEW DRYING CIRCUIT	2	19
CRUSH SCREEN DRY CONTROLS	6	43
T008722 STORAGE SILOS	0	0
B010706 PACKAGING SYSTEM	2	16
B010709 SAND PROCESSING	0	0
B010710 POOL SAND PACK	4	22
NEW WHITE PEBBLE PACKAGING	1	4
NEW COLOR SAND DRYING	0.7	6
NEW WASH SYSTEM	1	11
NEW BLENDING SYSTEM	1	8
NEW RADIAL STACKING CONVEYOR	1	5
NEW RADIAL STACKING CONVEYOR	1	5
NEW RADIAL STACKING CONVEYOR	1	5
NEW RADIAL STACKING CONVEYOR	1	5
	22	

b. Offsets Evaluation [District Rule 1302(C)(3)]

Pursuant to District Rule 1305 – Emission Offsets, emission increases from a Modification to a facility shall be offset by the amount equal to the difference between the Proposed Emissions and the Historical Actual Emissions. The Proposed Emissions and the Historical Actual Emissions are calculated pursuant to District Rule 1304 – Emissions Calculations as demonstrated in the Determination of Emissions section above. District Rule 1305 adjusts the amount of offsets required based on the location of the facility obtaining the offsets on a pollutant-specific basis. The facility is located in a federal ozone non-attainment area; therefore, the offset ratio of 1.0 to 1.0 applies to the PM₁₀ emission changes. The facility has purchased sufficient emission reduction credits to fully offset the 24.9 ton/year PM10 emissions cap. The ERCs were purchased from High Desert Power Trust and had been banked in the registry under certificate MD0039. A summary table for the project offsetting, are detailed in the table below.

Offsets for Proposed Equipment					
(All units in pounds per year)					
Proposed Equipment Emissions (PTE)	48,000				
Offset Ratio 1:1					
Total Offsets Required	48,000				
ERC Certificate MD0039	83,840				
ERCs to be consumed as Offsets	48,000				

c. Determination of Additional Federal Requirements [District Rule 1302(C)(4)]

Pursuant to the requirements in District Rule 1302 C(4)(a)(ii), an analysis of Alternative Siting is required as the proposed equipment requires Offsets. The facility has been at its current location for many years and has no plans to move. There are no acceptable alternative sites for location of the facility.

Pursuant to the requirements in District Rule 1302 B(1)(a)(iii), an analysis of any anticipated impacts on visibility is not required as the proposed equipment does not qualify as an application for a new Major Facility, nor is it a Major Modification for NSR purposes.

3. Determination of Requirements for Toxic Air Contaminants

[District Rule 1302(C)(5)]

a. District Rule 1320:

Pursuant to Rule 1320, a Toxic "Hot Spots" Program Analysis was conducted. Because historical actual emissions data available was questionable and to be protective of public health the most conservative assumptions were used and the toxics analysis was based on the proposed facility PTE. The driver of the prioritization score is crystalline silica and there is no cancer potency factor or acute REL associated with this pollutant. The facility and each permit unit are classified low priority and do not trigger an HRA.

The State T-NSR and Federal T-NSR analyses are described below:

1. State T-NSR:

Section (E)(1)(b) of District Rule 1320 requires that if any ATCM applies to the proposed equipment, the requirements of that ATCM shall be added to the District permit. There are no ATCMs that apply to the affected equipment (sand and gravel processing, non-metallic mineral processing).

Pursuant to District Rule 1320, section (E)(2), State T-NSR also requires an Emission Unit Prioritization Score. Section (E)(2) requires prioritization scores to be calculated utilizing the most recently approved CAPCOA Facility Prioritization Guidelines, the most recently approved OEHHA Unit Risk Factor for cancer potency factors, and the most recently approved OEHHA Reference Exposure Levels for non-cancer acute factors, and non-cancer chronic factors. The Emission Unit Prioritization Score was calculated using the proposed facility PTE in HARP2 software, which is consistent with the 2016 CAPCOA Facility Prioritization Guidelines, and is based on a conservative receptor selection of 100 meters (please refer to Appendix B for the Emission Unit Prioritization HARP data). As shown in the table below the Prioritization Scores for the Modified Facility are less than one (1) and therefore, categorizes the facility as 'Low Priority'. Pursuant to District Rule 1320, section (E)(2)(b), no further State T-NSR action is required.

Cancer Priority	Chronic Noncancer Priority	Acute Noncancer Priority
0.00	0.61	0.00

Modified Facility Prioritization Score

2. Federal T-NSR:

Section (F)(1)(b) of District Rule 1320 requires that if any MACT standard applies to the proposed equipment, the requirements of the MACT shall be added to the District permit. The purpose of MACT standards is to would reduce hazardous air pollutant (HAP) emissions from major HAP sources and area HAP sources. There are no MACT that apply to the affected equipment (sand and gravel processing, non-metallic mineral processing) however the facility is subject to 40 CFR 60 Subpart OOO – New Source Performance Standard for Non-metallic Mining Operations. The NSPS reduces PM emissions in general via opacity and/or concentration based emission limits. The reduction in PM also reduces emissions of crystalline silica and other TAC/HAP PM fractions and thus can be considered presumptive MACT.

b. District Rule 1520 – Toxic Hot Spots Analysis:

District Rule 1520 – Control of Toxic Air Contaminants from Existing Sources applies to California Silica Products LLC, as they are an existing facility that has a facility PTE greater than ten (10) tons per year for PM as well as a PTE to emit a TAC (Section (B)(1)(a) and (c)). The analysis required by Rule 1520 was based on the facility's proposed PTE rather than the most recent Comprehensive Emission Inventory Report (CEIR) because the existing facility

permits and previous emission inventories have been determined to be inaccurate. Section (E)(1)(a)(ii) requires prioritization scores to be calculated utilizing the most recently approved CAPCOA Facility Prioritization Guidelines, the most recently approved OEHHA Unit Risk Factor for cancer potency factors, and the most recently approved OEHHA Reference Exposure Levels for non-cancer acute factors, and non-cancer chronic factors. Therefore, the District generated the Facility Prioritization Scores using the July 2016 CAPCOA Facility Prioritization Guidelines which incorporates the 2015 updates to the OEHHA's Risk Assessment Guidance Document. The prioritization score using these parameters are less than (1), and categorize the facility as 'Low Priority'. Based on the requirements of District Rule 1520, section (E)(1)(b), no further analysis is required. The data for the Facility Prioritization Scores can be viewed in Appendix B.

Cancer Priority	Chronic Noncancer Priority	Acute Noncancer Priority
0.00	0.61	0.00

Total Facility Prioritization Score

4. Determination of Requirements for Prevention of Significant Deterioration [District Rule 1302(C)(6)]

a. PSD Analysis

Per the language in the applicability procedures of 40 CFR 52.21 (a)(2)(i) and (ii), PSD applies to "any new major stationary source or the major modification of any existing major stationary source". The proposed modification does not result in a new major stationary source and does not constitute a major modification; hence, the project is not subject to PSD.

7. Rules and Regulations Applicable to the Proposed Project

District Rules

Rule 201/203 – *Permits to Construct/Permit to Operate*. Any equipment which may cause the issuance of air contaminants must obtain authorization for such construction from the Air Pollution Control Officer. California Silica Products LLC is in compliance with this rule as they have appropriately applied for District permits for all new and modified equipment and will maintain District permits for all equipment not exempted by Rule 219.

Rule 204 – *Permit Conditions*. To assure compliance with all applicable regulations, the Air Pollution Control Officer (Executive Director) may impose written conditions on any permit. The District has imposed permit conditions to ensure that the facility complies with all applicable regulations.

Rule 206 - Posting of Permit to Operate. Equipment shall not operate unless the entire permit is affixed upon the equipment or kept at a location for which it is issued and will be made available to the District upon request.

Rule 207 – Altering or Falsifying of Permit. A person shall not willfully deface, alter, forge, or falsify any issued permit.

Rule 209 – *Transfer and Voiding of Permits*. California Silica Products LLC shall not transfer, whether by operation of law or otherwise, either from one location to another, from one piece of equipment to another, or from one person to another. When equipment which has been granted a permit is altered, changes location, or no longer will be operated, the permit shall become void.

Rule 210 – *Applications*. California Silica Products LLC provided all the required information to correctly address the proposed equipment pursuant to this rule, although there were instances in which additional information were required, in which the thirty (30) day clock was restarted.

Rule 212 – Standards for Approving Permits. This rule establishes baseline criteria for approving permits by the District for certain projects. In accordance with these criteria, the proposed modifications and application does not cause issuance of air contaminants in violation of Sections 41700 or 41701 of the State Health and Safety code.

Rule 221 – Federal Operating Permit Requirement. California Silica Products LLC is in compliance with this rule, because the PTE for PM10 and all other criteria pollutants and HAP is below the threshold requiring a Federal Operating Permit.

Rule 301 - Permit Fees. The proposed equipment will increase the facility's annual permit fees by the applicable amounts described in section (E) of this rule.

Rule 401 - Visible Emissions. This rule limits visible emissions opacity to less than 20 percent (or Ringlemann No. 1). In normal operating mode, visible emissions are not expected to exceed 20 percent opacity.

Rule 402 - Nuisance. This rule prohibits facility emissions that cause a public nuisance. The proposed modifications and associated equipment is required by permit condition to employ good engineering and operational principles in order to minimize emissions and the possibility of a nuisance.

Rule 408 - Circumvention. This rule prohibits hidden or secondary rule violations. The proposed modifications as described is not expected to violate Rule 408.

Rule 430 - Breakdown Provisions. Any Breakdown which results in a violation to any rule or regulation as defined by Rule 430 shall be properly addressed pursuant to this rule.

Rule 900 – Standards of Performance for New Stationary Sources (NSPS). Rule 900 adopts all applicable provisions regarding standards of performance for new stationary sources as set forth in 40 CFR 60. The facility has been determined to be subject to 40 CFR 60 Subpart OOO - NSPS for Nonmetallic Mineral Processing Plants and appropriate permit conditions have been added to the District permits to ensure compliance with the NSPS.

Regulation X – *National Emission Standards for Hazardous Air Pollutants*. Pursuant to Regulation X, the facility is required to comply with all applicable ATCMs. There are no ATCM requirements triggered by this permitting action.

Regulation XII – *Title V Permits*. This regulation contains requirements for sources which must have a FOP. The facility PTE is limited such that it is below the thresholds for all pollutants which would require a Title V Permit.

Regulation XIII – New Source Review

Rule 1302 – *Procedure*. This rule applies to all new or Modified Facilities and requires certain requirements to be fulfilled when submitting an application. All applicable requirements of this rule are discussed in this NSR document as part of the Analysis procedure. Certification of compliance with the Federal Clean Air Act, applicable implementation plans, and all applicable District rules and regulations have been addressed. The Authority to Construct (ATC) application package for the proposed equipment includes sufficient documentation to comply with Rule 1302(D)(5)(b)(ii). Permit conditions for the proposed project will require compliance with Rule 1302(D)(5)(b)(iii).

Rule 1303 – *Requirements*. This rule requires BACT and offsets for selected facility modifications. Equipment and facility emissions have been limited such that BACT does not apply. The facility is required to fully offset the proposed PTE. Sufficient offsets have been identified and will be surrendered before District permits are issued to comply with Rule 1303(B)(1).

Rule 1304 - Emissions Calculations. The Proposed Emissions from the proposed permitting action were calculated pursuant to section (B)(1)(a) of this rule.

Rule 1320 – New Source Review for Toxic Air Contaminants. Pursuant to the requirements of District Rule 1302, an applicability analysis of state and federal air toxic regulations was conducted for the proposed modifications (State T-NSR and Federal T-NSR, respectively) and is discussed in further detail in section (B)(3)(a)(1) of this document.

Rule 1520 – Control of Toxic Air Contaminants from Existing Sources. The proposed project is subject to Rule 1520, as the facility has a facility PTE greater than ten (10) tons per year for PM, as well as a PTE to emit a TAC (Section (B)(1)(a) and (c)). A Toxic 'Hot Spots' Program Analysis was conducted pursuant to section (E) of District Rule 1520. Facility Prioritization Scores were calculated pursuant to this rule and the results of the analysis is discussed in further detail in section (B)(6), above.

Regulation XVII – *Prevention of Significant Deterioration*. The purpose of this regulation is to set for requirements for all new Major PSD Facilities and Major PSD Modifications which emit or have the potential to emit a PSD Air Pollutant pursuant to the requirements of 40 CFR 52.21. The proposed permitting action does not result in a new major stationary source and does not constitute a major modification; hence, the project is not subject to PSD.

State Regulations

No state regulations are applicable to the proposed permitting action.

Federal Regulations

40 CFR 60, Subpart A – NSPS General Provisions

40 CFR 60, Subpart OOO – *NSPS for Nonmetallic Mineral Processing Plants*. California Silica Products LLC will comply with this regulation because conditions have been added to the facility permits which address the NSPS requirements.

8. NSR Preliminary Decision - Conclusion

The District has reviewed the proposed modifications and conducted an analysis as required by District Rule 1302, section (D)(1)(b). The District has determined that the proposed modifications and application are in compliance with all applicable District, state, and federal rules and regulations as proposed and when operated in accordance with the specified terms of the District permits.

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D. Comment Period and Notifications

1. Public Comment

This preliminary determination will be publicly noticed on April 4, 2018, allowing for public comment until May 4, 2018. Please see Appendix D for noticing details.

2. Notifications

The preliminary determination was submitted to USEPA and CARB pursuant to District Rule 1302(D)(2) for a thirty (30) day review period on March 30, 2018. The final modified permits shall be issued on or about May 18, 2018.

All correspondence as required by District Rules 1302 and 1207 were forwarded to electronically to the following recipients:

Director, Office of Air Division United States EPA, Region IX 75 Hawthorne Street San Francisco, CA 94105 R9airpermits AV MD@epa.gov Chief, Stationary Source Division
California Air Resources Board
P.O. Box 2815
Sacramento, CA 95812
ttle@arb.ca.gov

Cindy Johnson Western States Wholesale, Inc. P.O. Box 3340 Ontario, CA 91761 cindy.j@wswcorp.com

Appendix A Application

RECEIVED MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT AOMD

14306 Park Avenue, Victorville, CA 92392-2310 (760) 245-1661 Facsimile: (760) 245-2022

17 SEP 11 AM 8: 24

www.mdaqmd.ca.gov **Brad Poiriez Executive Director**

Page 1 of 2: please type or print REMIT \$	\$269.00 WITH THIS DOCUMENT (\$153.00 FOR CHANGE OF OWNER)			
1. Permit To Be Issued To (company name to receive permit):	i): 1a. Federal Tax ID No.:			
2. Mailing/Billing Address (for above company name):	Inc. 33-0667263			
	91761			
3. Facility or Business License Name (for equipment location): California Selica Products L				
4. Facility Address - Location of Equipment (if same as for con	npany, enter "Same"): Location UTM or Lat/Long:			
12808 Rancho Rood, Cidelanto C	1A 92301			
5. Contact Name/Title:	Email Address: Phone/Fax Nos.: ONLY: OUSW 909-947-0028 ph			
6. Application is hereby made for Authority To Construct (ATC	and Permit To Operate (PTO) the following equipment			
TCI Radial Stacker Con	VEYD?			
Air Pollution Control Equipment, if any (note that most APCE r	equire a separate application):			
7. Application is for:	For modification or change of owner:			
New Construction Modification* Change o				
8. Type of Organization (check one):	Current remit Number.			
1 `	ity Local Agency State Agency Federal Agency			
9. General Nature of Business:	Principal Product: SIC Code (if known):			
Building Materials Myr.	Sand 3270			
10. Distances (feet and direction to closest):				
	e <u>300'</u> Business <u>3 <i>mile</i>S</u> School			
11. Facility Annual Throughput by Quarters (percent):	12. Expected Facility Operating Hours:			
% % % %	8 5 52 2080			
Jan-Mar Apr-Jun Jul-Sep Oct-Dec	Hrs/Day Days/Wk Wks/Yr Total Hrs/Yr			
13. Do you claim Confidentiality of Data (if yes, state nat	ure of data on reverse in Remarks)?			
14. Signature of Responsible Official:	Official Title:			
Law I	President			
Typed or Printed Name of Responsible Official:	Phone Number: Date Signed:			
Randall Humphreys	909 947-0028 8/31/17			
	ot Use Only -			
Application Number:Invoice Number:MD 1 ~ 2117448131 MD 1978	Permit Number: Company/Facility Number:			

15. Stack En	nissions Informatio	on:				
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MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT MDAQMD

14306 Park Avenue, Victorville, CA 92392-2310

17 SEP | I AM 8: 2 Executive Director

www.mdaqmd.ca.gov

(760) 245-1661

Facsimile: (760) 245-2022

Page 1 of 2: please type or print REMIT \$	269.00 WITH THIS DOCUMEN	I (\$153.00 FOR CHANGE OF OWNER)			
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2. Mailing/Billing Address (for above company name):					
	91761				
3. Facility or Business License Name (for equipment location):	i at 7				
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4. Facility Address - Location of Equipment (if same as for com	pany, enter "Same"):	Location UTM or Lat/Long:			
12808 Kancho Kood, Cédelanto C	A 92301				
5. Contact Name/Title:	Email Address:	Phone/Fax Nos.: 909-947-002-8 ph			
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6. Application is hereby made for Authority To Construct (ATC)	and Permit To Operate (PT	O) the following equipment:			
TCI Radial Stacker (PAVEUAP				
Air Pollution Control Equipment, if any (note that most APCE re		n):			
7. Application is for:	For modification	on or change of owner:			
New Construction Modification* Change of	f Owner* *Current Perm	nit Number:			
8. Type of Organization (check one):					
☐ Individual Owner ☐ Partnership ☐ Corporation ☐ Utili	ty Local Agency Sta	te Agency Federal Agency			
9. General Nature of Business:	Principal Product:	SIC Code (if known):			
Building Materials Mygr.	Sand	3270			
10. Distances (feet and direction to closest):		•			
	$=$ 300^{\prime} Busin	ness <u>3 miles</u> School			
11. Facility Annual Throughput by Quarters (percent):	12. Expected Facility Op	erating Hours:			
<u>25</u> % <u>25</u> % <u>25</u> % <u>35</u> % Jan-Mar Apr-Jun Jul-Sep Oct-Dec	B 5 Hrs/Day Days/Wk	52 2080 Wks/Yr Total Hrs/Yr			
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14. Signature of Responsible Official:	Official Title:	tomarko): 1700 LINO			
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Typed or Printed Name of Responsible Official: Phone Number: Date Signed:					
Kandall Humphreys 909 947-0028 8/31/17					
/ L - For District Use Only - Application Number: Permit Number: Company/Facility Number:					
Application Number: Invoice Number: MDIV 211W 44813/MD 7978	Permit Number:	Company/Facility Number: 1515 / 2582			
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16. Remarks	(basis for confide	ntiality of data, proc	ess description, m	odification description,	etc.):	
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RECEIVED MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT AGM D 14306 Park Avenue, Victorville, CA 92392-2310

(760) 245-1661

17 SEP 11 AM 8: 24

www.mdaqmd.ca.gov **Brad Poiriez Executive Director**

APPLICATION FOR AUTHORITY TO CONSTRUCT AND PERMIT TO OPERATE

Facsimile: (760) 245-2022

Page 1 of 2: please type or print REMIT \$	REMIT \$269.00 WITH THIS DOCUMENT (\$153.00 FOR CHANGE OF OWNER)				
1. Permit To Be Issued To (company name to receive permit):	ve permit): 1a. Federal Tax ID No.:				
Western States Wholesake Inc. 33-0667263					
2. Mailing/Billing Address (for above company name):					
P.D. Box 3340, Ontario CA	91761				
3. Facility or Business License Name (for equipment location):					
California Selica Products, L	## 1 =				
4. Facility Address - Location of Equipment (if same as for con	1				
12808 Kancho Rood, Cidelanto C					
5. Contact Name/Title:	Email Address: Phone/Fax Nos.: 909-947-0028 ph				
6. Application is hereby made for Authority To Construct (ATC	Cosp. com 909-947-6758 /00				
	and Permit To Operate (PTO) the following equipment:				
TCI Radial Stacker (an UCUAP				
Air Pollution Control Equipment, if any (note that most APCE r	0,1,1,1,0,1				
7. Application is for:	For modification or change of owner:				
New Construction Modification* Change o	f Owner* *Current Permit Number:				
8. Type of Organization (check one):					
☐ Individual Owner ☐ Partnership ☒ Corporation ☐ Util	ity Local Agency State Agency Federal Agency				
9. General Nature of Business:	Principal Product: SIC Code (if known):				
Building Matariala Mla	Sand 3270				
10. Distances (feet and direction to closest):	Sung				
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11. Facility Annual Throughput by Quarters (percent):	12. Expected Facility Operating Hours:				
25 % 25 % 25 % 25 %	8 5 52 2080				
Jan-Mar Apr-Jun Jul-Sep Oct-Dec	Hrs/Day Days/Wk Wks/Yr Total Hrs/Yr				
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14. Signature of Responsible Official:	Official Title:,				
	President				
Typed or Printed Name of Responsible Official: Phone Number: Date Signed:					
Randall Humphreys	909 947-0028 8/31/17				
	t Use Only -				
Application Number: Invoice Number:	Permit Number: Company/Facility Number:				
MDIN 2115 44813/MD7978	1515/2582				

15. Stack Em	nissions Informatio	on:				
Stack No.	Stack Height	Stack Diameter	Exhaust Temp	Exhaust Flow Rate	Exhaust Velocity	
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-		(list additional	stacks on a separa	ite sheet)		
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16. Remarks	(basis for confide	entiality of data, prod	cess description, m	odification description,	etc.):	
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It you wisi The kinds	n to specify proces and rates of emi	ss information as pr issions may not be h	coprietary or confidential; er	ential, space is provided missions are subject to	d for this purpose. public disclosure.	

RECEIVED MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT MDAQMD www.mdaqmd.ca.gov

14306 Park Avenue, Victorville, CA 92392-2310 (760) 245-1661

Facsimile: (760) 245-2022

Brad Poiriez 17 SEP 11 AM 8: Executive Director

Page 1 of 2: please type or print REMIT \$269.00 WITH THIS DOCUMENT (\$153.00 FOR CHANGE OF OWNER
1. Permit To Be Issued To (company name to receive permit): 1a. Federal Tax ID No.:
Western States Whesake Inc. 33-0667263 2. Mailing/Billing Address (for above company name):
P.D. Box 3340, Ontario CA 91761
3. Facility or Business License Name (for equipment location):
California Silica Products, LLC
4. Facility Address - Location of Equipment (if same as for company, enter "Same"): Location UTM or Lat/Long: 12808 Rancho Road, Cidelanto CA 92301
(indy. 10 leste 909-947-0028 pri
6. Application is hereby made for Authority To Construct (ATC) and Permit To Operate (PTO) the following equipment:
TCI Radial Stacker Conveyor
Air Pollution Control Equipment, if any (note that most APCE require a separate application):
7. Application is for: For modification or change of owner:
New Construction Modification* Change of Owner* *Current Permit Number:
8. Type of Organization (check one):
☐ Individual Owner ☐ Partnership ☐ Corporation ☐ Utility ☐ Local Agency ☐ State Agency ☐ Federal Agency
9. General Nature of Business: Principal Product: SIC Code (if known):
Building Materials Mygr. Sand 3270
10. Distances (feet and direction to closest):
100 Fenceline NA Residence 300 Business 3 miles School
11. Facility Annual Throughput by Quarters (percent): 12. Expected Facility Operating Hours:
25 % 25 % 25 % 8 5 52 2080
Jan-Mar Apr-Jun Jul-Sep Oct-Dec Hrs/Day Days/Wk Wks/Yr Total Hrs/Yr
13. Do you claim Confidentiality of Data (if yes, state nature of data on reverse in Remarks)?
14. Signature of Responsible Official: Official Title:,
President
Typed or Printed Name of Responsible Official: Phone Number: Date Signed:
Kandall Humphreys 909 947-0028 8/31/17
/ L - For District Use Only -
Application Number: Invoice Number: Permit Number: Company/Facility Number:

15. Stack Em	issions Information	on:				
Stack No.	Stack Height	Stack Diameter	Exhaust Temp	Exhaust Flow Rate	Exhaust Velocity	
1 _						
2						
3						
		(list additional	stacks on a separa	te sheet)		
Stack Diame I Exhaust Ter Exhaust Flo	Stack Height is the distance above ground level to discharge point (feet) Stack Diameter is the diameter (or equivalent circular diameter) of discharge point (nearest tenth foot) If using cross-sectional area (A in square feet), equivalent diameter is D = (1.273A)^0.5 Exhaust Temp in degrees F, acutal or estimated to nearest 50 deg F Exhaust Flow Rate at discharge point in actual cubic feet per minute (ACFM) Exhaust Velocity in feet per second, design or measured					
16. Remarks	(basis for confide	ntiality of data, proc	cess description, m	odification description,	etc.):	
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1017	<u>an</u>	30n vegot 701244				
Sen	10/#/	701244	7			

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		AND AND A CO.				
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If you wieh	n to specify proce	ss information as n	confidence or confidence	ential, space is provide	d for this purpose	
				nissions are subject to		

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MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT DAGMD

www.mdaqmd.ca.gov

14306 Park Avenue, Victorville, CA 92392-2310 (760) 245-1661 Facsimile: (760) 245-2022

17 MAY 29 AM 2: 19 Executive Director

Brad Poiriez

Page 1 of 2: please type or print REMIT \$	269.00 WITH THIS DOCUMEN	T (\$153.00 FOR CHANGE OF OWNER)				
Permit To Be Issued To (company name to receive permit):		1a. Federal Tax ID No.:				
Western States Wholesale Inc.	Western States Wholesale Inc. 33-0667263					
Mailing/Billing Address (for above company name):						
P.O. Box 3340, Ontario, CA 917	7 61					
3. Facility or Business License Name (for equipment location):						
California Silica Products LLC	· WSW - Ade	elanto				
4. Facility Address - Location of Equipment (if same as for com	pany, enter "Same"):	Location UTM or Lat/Long:				
12808 Rancho Road, Adelanto,	CA 92301					
5. Contact Name/Title:	Email Address:	Phone/Fax Nos.:				
Cindy Jones	Cindy.j@wswcorp.com	909 947-0028 ext 241				
6. Application is hereby made for Authority To Construct (ATC)	and Permit To Operate (PT	O) the following equipment:				
Crusher						
Air Pollution Control Equipment, if any (note that most APCE re	equire a separate application):				
NA						
7. Application is for:	For modification	on or change of owner:				
■New Construction	f Owner* *Current Perm	it Number:				
8. Type of Organization (check one):						
☐ Individual Owner ☐ Partnership ☐ Corporation ☐ Utilit	☐ Individual Owner ☐ Partnership ☐ Corporation ☐ Utility ☐ Local Agency ☐ State Agency ☐ Federal Agency					
9. General Nature of Business:	Principal Product:	SIC Code (if known):				
Building Materials Manufacturer	Sand	3270				
10. Distances (feet and direction to closest):						
100 ' Fenceline NA Residence	300 ' Busin	ess 3 MILES School				
11. Facility Annual Throughput by Quarters (percent):	12. Expected Facility Op	erating Hours:				
20 % 25 % 35 % 20 %	8 5	52 2080				
Jan-Mar Apr-Jun Jul-Sep Oct-Dec	Hrs/Day Days/Wk	Wks/Yr Total Hrs/Yr				
13. Do you claim Confidentiality of Data (if yes, state natu		lemarks)?				
14. Signature of Responsible Official: Official Title:						
President						
Typed or Printed Name of Responsible Official:	Typed or Printed Name of Responsible Official: Phone Number: Date Signed:					
Randall Humphreys	909 947-0028 ext	241 5-30-17				
- For Distric	, T					
Application Number: Invoice Number: MN / ~ 206 / MN 1590 /44 219	Permit Number:	Company/Facility Number:				

15. Stack Em	issions Informatio	n:				
Stack No.	Stack Height	Stack Diameter	Exhaust Temp	Exhaust Flow Rate	Exhaust Velocity	
1 _						
2						
3						
		(list additional	stacks on a separa	te sheet)		
Stack Height is the distance above ground level to discharge point (feet) Stack Diameter is the diameter (or equivalent circular diameter) of discharge point (nearest tenth foot) If using cross-sectional area (A in square feet), equivalent diameter is D = (1.273A)^0.5 Exhaust Temp in degrees F, acutal or estimated to nearest 50 deg F Exhaust Flow Rate at discharge point in actual cubic feet per minute (ACFM) Exhaust Velocity in feet per second, design or measured						
16. Remarks	(basis for confide	ntiality of data, proc	ess description, m	odification description,	etc.):	
		· · · · ·				
 						
						
	·					
If you wish	n to specify proce	ss information as pr	roprietary or confide	ential, space is provide	d for this purpose.	
The kinds	and rates of emi	ssions may not be h	neld confidential; er	missions are subject to	public disclosure.	

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MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

14306 Park Avenue, Victorville, CA 92392-2310

RICT www.mdaqmd.ca.gov 17 SEP 11 AM 8: 24 Brad Poiriez

(760) 245-1661

Facsimile: (760) 245-2022

Executive Director

	3269.00 WITH THIS DOCUMENT (\$153.00 FOR CHANGE OF OWNER)					
1. Permit To Be Issued To (company name to receive permit):	1a. Federal Tax ID No.:					
Western States Wholesake I	Inc. 33-0667263					
2. Mailing/Billing Address (for above company name):						
	91761					
3. Facility or Business License Name (for equipment location):						
California Silica Products, La						
4. Facility Address - Location of Equipment (if same as for com	· · · · · · · · · · · · · · · · · · ·					
12808 Kancho Road, Cédelanto C						
5. Contact Name/Title:	Email Address: Phone/Fax Nos.: 919-947-0028 ph					
Mindra, TAMOC						
6. Application is hereby made for Authority To Construct (ATC)	and Permit To Operate (PTO) the following equipment:					
	, and					
A D W W Country In Cou						
Air Pollution Control Equipment, if any (note that most APCE re	equire a separate application):					
7. Application is for:	For modification or change of owner:					
New Construction Modification* Change of	Descar					
8. Type of Organization (check one):						
Individual Owner Partnership Corporation Utility Local Agency State Agency Federal Agency						
9. General Nature of Business: Principal Product: SIC Code (if known):						
Building Materials Mygr.	Sand 3270					
10. Distances (feet and direction to closest):						
	e $300'$ Business $3ml/es$ School					
11. Facility Annual Throughput by Quarters (percent):	12. Expected Facility Operating Hours:					
25 % 25 % 25 % 25 % Jan-Mar Apr-Jun Jul-Sep Oct-Dec	Hrs/Day Days/Wk Syr Total Hrs/Yr					
13. Do you claim Confidentiality of Data (if yes, state natu						
14. Signature of Responsible Official:	Official Title:					
Kennell	President					
Typed or Printed Name of Responsible Official:	Phone Number: Date Signed:					
Randall Humphreys	909-947-0028 8/31/17					
	t Use Only -					
Application Number: Invoice Number:	Permit Number: Company/Facility Number:					
Paid PCR 94815/MD7980	B008715 1515/2582					

15. Stack Em	nissions Informatio	on:			
Stack No.	Stack Height	Stack Diameter	Exhaust Temp	Exhaust Flow Rate	Exhaust Velocity
1					
2					
3					
		(list additional	stacks on a separa	ite sheet)	
Stack Diam Exhaust Te Exhaust Flo	neter is the diamet If using cross-sec emp in degrees F, ow Rate at dischal		rcular diameter) of o uare feet), equivale I to nearest 50 deg cubic feet per minut	discharge point (neares ent diameter is D = (1.2 F	
16. Remarks	(basis for confide	entiality of data, prod	cess description, m	odification description,	etc.):
DAdd IVOT 200	ted a hyp need to anged t,		1 1 51	the sand, dryer, f the cru	that does sher from
If you wisl	h to specify proce	ess information as pi	roprietary or confid-	ential, space is provided nissions are subject to	d for this purpose.

RECEIVED MDAQMD

MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT 14306 Park Avenue, Victorville, CA 92392-231017 SEP 11 AM 8: 23

(760) 245-1661 Facsimile: (760) 245-2022

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Brad Poiriez

Executive Director

	\$269.00 WITH THIS DOCUMENT (\$153.00 FOR CHANGE OF OWNER)				
1. Permit To Be Issued To (company name to receive permit):	1a. Federal Tax ID No.:				
Western States Whilesak -	Inc. 33-0667263				
2. Mailing/Billing Address (for above company name):					
P.D. By 3340, Ontario CA	91761				
3. Facility or Business License Name (for equipment location):					
California Silica Products, L					
4. Facility Address - Location of Equipment (if same as for con					
12808 Lancho Rood, Odelanto C	l l				
5. Contact Name/Title:	Email Address: Phone/Fax Nos.: 919-947-0028 ph				
Circle Jones	Corp. com 909-947-0758 fox				
6. Application is hereby made for Authority To Construct (ATC)	and Permit To Operate (PTO) the following equipment:				
Blending System					
Air Pollution Control Equipment, if any (note that most APCE re	equire a separate application):				
NA					
7. Application is for:	For modification or change of owner:				
New Construction Modification* Change o	f Owner* *Current Permit Number:				
8. Type of Organization (check one):					
☐ Individual Owner ☐ Partnership ☐ Corporation ☐ Utili	ty Local Agency State Agency Federal Agency				
9. General Nature of Business:	Principal Product: SIC Code (if known):				
Building Materials Mygr.	Sand 3270				
10. Distances (feet and direction to closest):					
	e $300'$ Business $3mles$ School				
11. Facility Annual Throughput by Quarters (percent):	12. Expected Facility Operating Hours:				
10 % 30 % 45 % 15 %	4 3 52 624				
Jan-Mar Apr-Jun Jul-Sep Oct-Dec	Hrs/Day Days/Wk Wks/Yr Total Hrs/Yr				
13. Do you claim Confidentiality of Data (if yes, state natu					
14. Signature of Responsible Official:	Official Title:				
Komment	President				
Typed or Printed Name of Responsible Official:	Phone Number: Date Signed:				
Kundall Humphreys	909-947-0028 8-31-17				
	t Use Only -				
Application Number: Invoice Number: MDI v 2 1 0 7 44813/MD 7978	Permit Number: Company/Facility Number: 1515/2582				
NIU1/V 2.10 / 440101NIU / 1/0	10111141 101217677				

15. Stack Em	issions Informatio	on:			
Stack No.	Stack Height	Stack Diameter	Exhaust Temp	Exhaust Flow Rate	Exhaust Velocity
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2					
3					
_ 		(list additional	stacks on a separa	ate sheet)	
Stack Diame I Exhaust Ter Exhaust Flo	eter is the diamet If using cross-sec mp in degrees F, w Rate at dischar		rcular diameter) of a uare feet), equivale I to nearest 50 deg subic feet per minut	discharge point (neares ent diameter is D = (1.2 F	
16. Remarks	(basis for confide	entiality of data, proc	cess description, m	nodification description,	etc.):
Blend	t wash	ed well	rock to	o Customa	ers specs
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Sacks			/	,	
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If you wish	1 to specify proce	ss information as pr	roprietary or confid	ential, space is provide	d for this purpose.
				missions are subject to	

MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT MDAQMD

www.mdaqmd.ca.gov

14306 Park Avenue, Victorville, CA 92392-2310 (760) 245-1661 Facsimile: (760) 245-2022

17 SEP | | AM 8: 2 Executive Director

Brad Poiriez

Page 1 of 2: please type or print REMIT \$2	269.00 WITH THIS DOCUMENT (\$153.00 FOR CHANGE OF OWNER)
Permit To Be Issued To (company name to receive permit):	1a. Federal Tax ID No.:
Western States Wholesak I	nc. 33-0667263
2. Mailing/Billing Address (for above company name): P.D. B.Dr. 3340 Contacto CA	91761
3. Facility or Business License Name (for equipment location):	2 - 2 04
California Silica Products, LL	C
4. Facility Address - Location of Equipment (if same as for com	
12808 Rancho Road, Cedelanto C	A 92301
5. Contact Name/Title:	Email Address: Phone/Fax Nos.: 909-947-0028 ph
6. Application is hereby made for Authority To Construct (ATC)	
Color Sand Drying Syste	
Air Pollution Control Equipment, if any (note that most APCE re	quire a separate application):
7. Application is for:	For modification or change of owner:
New Construction Modification* Change of	Owner* *Current Permit Number:
8. Type of Organization (check one):	
☐ Individual Owner ☐ Partnership ☒ Corporation ☐ Utilit	y Local Agency State Agency Federal Agency
9. General Nature of Business:	Principal Product: SIC Code (if known):
Building Materials Mygr.	Sand 3270
10. Distances (feet and direction to closest):	•
11. Facility Annual Throughput by Quarters (percent):	12. Expected Facility Operating Hours:
5 % 30 % 60 % 5 %	8 2 45 720
Jan-Mar Apr-Jun Jul-Sep Oct-Dec	Hrs/Day Days/Wk Wks/Yr Total Hrs/Yr
13. Do you claim Confidentiality of Data (if yes, state natu	re of data on reverse in Remarks)?
14. Signature of Responsible Official:	Official Title:,
	President
Typed or Printed Name of Responsible Official:	Phone Number: Date Signed:
Kandall Humphreys	909 947-0028 8-31-17
	t Use Only -
Application Number: Invoice Number: Invoice Number: 44813/MI) 79.78	Permit Number: Company/Facility Number: 1515/2582
■ P 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2	

io. Oldon En	nissions Informatio	on:			
Stack No.	Stack Height	Stack Diameter	Exhaust Temp	Exhaust Flow Rate	Exhaust Velocity
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-		(list additional	stacks on a separa	te sheet)	
Stack Diam Exhaust Te Exhaust Flo	eter is the diamet If using cross-sec mp in degrees F, ow Rate at discha		cular diameter) of o uare feet), equivale to nearest 50 deg ubic feet per minute	discharge point (neares nt diameter is D = (1.27 F	
6. Remarks	(basis for confide	entiality of data, proc	cess description, m	odification description,	etc.):
				ential, space is provided nissions are subject to	

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MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

14306 Park Avenue, Victorville, CA 92392-2310 (760) 245-1661 Facsimile: (760) 245-2022 17 SEP 11 AM 8: 23

www.mdaqmd.ca.gov **Brad Poiriez Executive Director**

Page 1 of 2: please type or print REMIT \$	269.00 WITH THIS DOCUMENT (\$153.00 FOR CHANGE OF OWNER)
1. Permit To Be Issued To (company name to receive permit):	1a. Federal Tax ID No.:
Western States Wholesale - 2. Mailing/Billing Address (for above company name):	Inc. 33-0667263
P.O.Box 3340 Ontago C	A 91761
3. Facility or Business License Name (for equipment location):	
California Selica Products C	'CC
4. Facility Address - Location of Equipment (if same as for con	npany, enter "Same"): Location UTM or Lat/Long:
12808 Kancho Koad ad	elanto CA 92301
5. Contact Name/Title:	Email Address: Phone/Fax Nos.: 909 947-0758 fox
Cindel Jones	Corpo com
6. Application is hereby made for Authority To Construct (ATC)	and Permit To Operate (PTO) the following equipment:
White Rebble Bagging Lin	10
Air Pollution Control Equipment, if any (note that most APCE re	equire a separate application):
NA	
7. Application is for:	For modification or change of owner:
New Construction Modification* Change o	f Owner* *Current Permit Number:
8. Type of Organization (check one):	
☐ Individual Owner ☐ Partnership ☐ Corporation ☐ Utili	ty Local Agency State Agency Federal Agency
9. General Nature of Business:	Principal Product: SIC Code (if known):
Building Materials Mygr.	Sand 3270
10. Distances (feet and direction to closest):	,
	e <u>3t0</u> Business <u>3 mulus</u> School
11. Facility Annual Throughput by Quarters (percent):	12. Expected Facility Operating Hours:
10 % 30 % 40 % 20 % Jan-Mar Apr-Jun Jul-Sep Oct-Dec	Hrs/Day Days/Wk Wks/Yr Total Hrs/Yr
13. Do you claim Confidentiality of Data (if yes, state natu	
14. Signature of Responsible Official:	Official Title:
	Pricident
Typed or Printed Name of Responsible Official:	Phone Number: Out Date Signed:
Pandall Stamphonik	909-947-0028 241 8-31-17
- For Dietric	t Use Only -
Application Number: Invoice Number:	Permit Number: Company/Facility Number:
MDI ~ 2001100 448/3/MD7978	B012965 1515/2582

15. Stack Em	nissions Informatio	on:				
Stack No.	Stack Height	Stack Diameter	Exhaust Temp	Exhaust Flow Rate	Exhaust Velocity	
1 _						
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3						
		(list additional	stacks on a separa	ite sheet)		
(list additional stacks on a separate sheet) Stack Height is the distance above ground level to discharge point (feet) Stack Diameter is the diameter (or equivalent circular diameter) of discharge point (nearest tenth foot) If using cross-sectional area (A in square feet), equivalent diameter is D = (1.273A)^0.5 Exhaust Temp in degrees F, acutal or estimated to nearest 50 deg F Exhaust Flow Rate at discharge point in actual cubic feet per minute (ACFM) Exhaust Velocity in feet per second, design or measured						
16. Remarks			-	odification description,	etc.):	
1509	white	pebble.	Into 50	elt. bags.		
	/	,				
If you wish	n to specify proce	es information as n	roprietary or confide	ential, space is provided	d for this number	
				nissions are subject to		

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MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT 14306 Park Avenue Victorvillo CA 20000 CONTROL TO THE PROPERTY OF THE PROPERTY

14306 Park Avenue, Victorville, CA 92392-2310

www.mdaqmd.ca.gov **Brad Poiriez**

(760) 245-1661

Facsimile: (760) 245-2022

Executive Director

Page 1 of 2: please type or print REMI	T \$269.00 WITH THIS DOCUMENT (\$153.00 FOR CHANGE OF OWNER)				
1. Permit To Be Issued To (company name to receive permi	t): 1a. Federal Tax ID No.:				
2. Mailing/Billing Address (for above company name):	Inc. 33-0667263				
	91761				
3. Facility or Business License Name (for equipment location California Selica Products L	·				
-					
4. Facility Address - Location of Equipment (if same as for a 12808 Rancha Road, Cadelanto	<u>.</u>				
5. Contact Name/Title:	Email Address: Phone/Fax Nos.: 919-947-0028 ph				
Cimbre Toppe	Corp. com 947-0758 fox				
6. Application is hereby made for Authority To Construct (AT	C) and Permit To Operate (PTO) the following equipment:				
Wash System					
Air Pollution Control Equipment, if any (note that most APCE	require a separate application):				
NA					
7. Application is for:	For modification or change of owner:				
New Construction Modification* Change	e of Owner*				
8. Type of Organization (check one):					
☐ Individual Owner ☐ Partnership ☒ Corporation ☐ Utility ☐ Local Agency ☐ State Agency ☐ Federal Agency					
9. General Nature of Business:	Principal Product: SIC Code (if known):				
Building Materials Myr.	Sand 3270				
10. Distances (feet and direction to closest):					
	nce $300'$ Business $3m/8$ School				
11. Facility Annual Throughput by Quarters (percent):	12. Expected Facility Operating Hours:				
Jan-Mar Apr-Jun Jul-Sep Oct-Dec	Hrs/Day Days/Wk Wks/Yr Total Hrs/Yr				
13. Do you claim Confidentiality of Data (if yes, state na					
14. Signature of Responsible Official:	Official Title:				
Kannell	President				
Typed or Printed Name of Responsible Official:	Phone Number: Date Signed:				
Randall Humphreys	909 947-0028 8-31-17				
	trict Use Only -				
Application Number: Invoice Number:	Permit Number: Company/Facility Number:				
MDI V2105 44813/MD 7978	B012964 1515/2582				

15. Stack En	nissions Informati	on:			
Stack No.	Stack Height	Stack Diameter	Exhaust Temp	Exhaust Flow Rate	Exhaust Velocity
1					
2					
3					
-		(list additional	stacks on a separa	te sheet)	
Stack Diam Exhaust Te Exhaust Flo	neter is the diame If using cross-sec emp in degrees F, ow Rate at discha	above ground level ter (or equivalent cir	to discharge point (cular diameter) of c uare feet), equivale to nearest 50 deg ubic feet per minute	feet) discharge point (neares nt diameter is D = (1.2 F	
16. Remarks	(basis for confide	entiality of data, prod	cess description, m	odification description,	etc.):
Washii	ng well	rock to C	lean for	water fil	teration
If you wis	h to specify proce	ess information as pr	roprietary or confide	ential, space is provide	d for this purpose.
The kinds	s and rates of em	issions may not be h	neld confidential; er	nissions are subject to	public disclosure.

MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

www.mdaqmd.ca.gov

14306 Park Avenue, Victorville, CA 92392-2310 (760) 245-1661 Facsimile: (760) 245-2022

17 JUN 13 Brad Poiriez
Executive Director

Page 1 of 2: please type or print REMIT \$	269.00 WITH THIS DOCUMENT	(\$153.00 FOR CHANGE OF OWNER)				
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Western States Wholesale Inc.		33-0667263				
2. Mailing/Billing Address (for above company name):						
P.O. Box 3340, Ontario, CA 917	761					
3. Facility or Business License Name (for equipment location):						
Western States Wholesale, Inc.						
4. Facility Address - Location of Equipment (if same as for company, enter "Same"): Location UTM or Lat/Long:						
12808 Rancho Road, Adelanto, CA 92301						
5. Contact Name/Title:	Email Address:	Phone/Fax Nos.:				
Cindy Jones	Cindy.j@wswcorp.com	909 947-0028 ext 241				
6. Application is hereby made for Authority To Construct (ATC)	and Permit To Operate (PTC	D) the following equipment:				
Dust Collector to Silica Sand Doub	le Nozzle Packe	er permit #B010706				
Air Pollution Control Equipment, if any (note that most APCE re	equire a separate application):				
	·					
7. Application is for:	For modification	on or change of owner:				
■ New Construction						
8. Type of Organization (check one):						
☐ Individual Owner ☐ Partnership ☐ Corporation ☐ Utili	ty Local Agency Stat	e Agency Federal Agency				
9. General Nature of Business:	Principal Product:	SIC Code (if known):				
Building Materials Manufacturer	Sand	3270				
10. Distances (feet and direction to closest):						
175' Fenceline 5 miles Residence	_e 175 ' _{Busin}	ess 3 miles School				
11. Facility Annual Throughput by Quarters (percent):	12. Expected Facility Op	erating Hours:				
% % %	8 5	52 2080				
Jan-Mar Apr-Jun Jul-Sep Oct-Dec	Hrs/Day Days/Wk	Wks/Yr Total Hrs/Yr				
13. Do you claim Confidentiality of Data (if yes, state natu	ıre of data on reverse in R	emarks)?				
14. Signature of Responsible Official: Official Title:						
1/30	President					
Typed or Printed Name of Responsible Official: Phone Number: Date Signed						
Randall Humphreys 909 947-0028 ext 241 06-12-17						
- For District Use Only -						
Application Number: Invoice Number:	Permit Number: Company/Facility Number:					
MDIN2072 44330/MD7629	CO12822	1515/2582				

15. Stack Em	issions Informatio	on:				
Stack No.	Stack Height	Stack Diameter	Exhaust Temp	Exhaust Flow Rate	Exhaust Velocity	
1 _						
2						
3						
(list additional stacks on a separate sheet)						
Stack Height is the distance above ground level to discharge point (feet) Stack Diameter is the diameter (or equivalent circular diameter) of discharge point (nearest tenth foot) If using cross-sectional area (A in square feet), equivalent diameter is D = (1.273A)^0.5 Exhaust Temp in degrees F, acutal or estimated to nearest 50 deg F Exhaust Flow Rate at discharge point in actual cubic feet per minute (ACFM) Exhaust Velocity in feet per second, design or measured						
16. Remarks	(basis for confide	ntiality of data, proc	cess description, m	odification description,	etc.):	

				ential, space is provided missions are subject to		



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

14306 Park Avenue, Victorville, CA 92392-2310 (760) 245-1661 Facsimile: (760) 245-2022

www.mdaqmd.ca.gov Brad Poiriez Executive Director

APPLICATION FOR AIR POLLUTION CONTROL EQUIPMENT ONLY

PLEASE TYPE OR PRINT

REMIT \$269.00 WITH THIS DOCUMENT (\$153.00 FOR CHANGE OF OWNER)

Section 1: Facility/Owner Inform	ation					
a. Permit To Be Issued To (Company Name):	Western State	s Wholesale Inc.	b. Federa	1 Tax ID #: 33-0667263		
c. Mailing/Billing Address (for above company name) P.O. Box 3340, Ontario, CA 91761						
d. Facility or Business License Name (for equi		Vestern .	State	es le holesale		
e. Facility Address - Location of Equipment (i 12808 Rancho Road, Adelanto, CA 92301	f same as for compa	ny, enter "Same"):		Facility UTM or Lat/Long:		
f. Contact Name/Title: Cindy Jones	mail Address: Cind	y.j@wswcorp.com	Phone/Fax	^{v.#.:} 909 947-0028 ext 241		
General Nature of Business: Building Materials Mar	·					
Type of Organization (check one):						
☐ Individual Owner ☐ Partnership ☐ Federal Agency	Corporation	☐ Utility ☐ Lo	ocal Agency	☐ State Agency		
Section 2: Nature of Application						
Application is hereby made for Authority To O Dust Collector to Silica Sand Double Nozzle		Permit To Operate (PTO	the followi	ing equipment:		
Process Equipment Permit # served by propo	sed control:					
Application is for:		For modification or change of owner:				
■ New Construction □ Modification □ C	■ New Construction □ Modification □ Change of Owner		Current Permit Number			
Do you claim Confidentiality of Data? ×	Do you claim Confidentiality of Data? X No Yes (attach explanation; specify which information provided is confidential)					
Section 3: Equipment Informatio	n – complete s	ection A-G as app	licable, e	ach control unit		
requires a separate application	•	• •	•			
A. Adsorption Units:						
· · · · · · · · · · · · · · · · · · ·						
	lodel:	Manufacturer Specifications/Guarantee: □ included Serial Number:				
Adsorbent: Activated Charcoal: type		Other: specify	Number.			
Adsorbate(s):		J Other, specify				
Number of beds:		Weight of absorbent per bed:				
Dimensions of bed: thickness:	surface area:					
Inlet temperature:	_°F	Pressure drop across (ınit:	inches H ₂ O		
Regeneration: Replacement Steam Other, specify:						
Regeneration Method: Shut down alternate use, specify: Other, specify:						
Minimum Control efficiency:						
Describe method to monitor control efficiency and breakthrough:						

Flow diagram of emissions source an	nd control unit: □ included	Manufacturer Spe	ecifications/Guarantee: 🗆 included
Manufacturer:	Model:	Se	erial Number:
Combustion chamber dimensions: le	ength:in. Cross sect	ional area:	_sq. in.
Fuel: ☐ natural gas ☐ propane ☐	CARB diesel ☐ other, specif	ý	
Number and rating of burners:		Operating tempe	rature of combustion chamber:
Inlet temperature:	°F	Pressure drop acr	oss unit: inches H ₂ O
Gas flow rate:SCFM			
Catalyst used: □, please describe:			
Heat exchanger used: □, please des	scribe:		
Minimum Control efficiency:	% ppm	/mg/m ³	
Describe method to monitor control			
C. Condenser Units:			
Flow diagram of emissions source an	d control unit: 🗆 included	Manufacturer Spe	ecifications/Guarantee: 🗆 included
Manufacturer:	Model:		erial Number:
Heat exchange area:	_ft²		
Coolant flow rate: gpm wa	ater air CARB diesel other, s	pecify	
Gas flow rate:scfm	Coolant temperature:		Gas temperature:
	inlet °F outlet	°F	inlet°F outlet°F
Minimum Control efficiency:	% ppmv	/mg/m ³	
Describe method to monitor control	% ppmvefficiency:	/mg/m ³	
Describe method to monitor control D. Electrostatic Precipitato	% ppmvefficiency:		
Describe method to monitor control D. Electrostatic Precipitato Flow diagram of emissions source an	% ppmv efficiency: or Units: d control unit: □ included	Manufacturer Spe	ecifications/Guarantee: □ included
Describe method to monitor control D. Electrostatic Precipitato Flow diagram of emissions source an Manufacturer:	% ppmv efficiency: pr Units: d control unit: □ included Model:	Manufacturer Spe	ecifications/Guarantee: □included erial Number:
Describe method to monitor control D. Electrostatic Precipitato Flow diagram of emissions source an Manufacturer: Collecting electrode area:	% ppmv efficiency: or Units: d control unit: □ included	Manufacturer Spe	
Describe method to monitor control D. Electrostatic Precipitato Flow diagram of emissions source an Manufacturer: Collecting electrode area: Gas flow rate: scfm	% ppmv efficiency: pr Units: d control unit: □ included	Manufacturer Spe	
Describe method to monitor control D. Electrostatic Precipitato Flow diagram of emissions source an Manufacturer: Collecting electrode area: Gas flow rate:	% ppmv efficiency: pr Units: d control unit: □ included	Manufacturer Spe	
Describe method to monitor control D. Electrostatic Precipitato Flow diagram of emissions source an Manufacturer: Collecting electrode area: Gas flow rate:	% ppmv efficiency: pr Units: d control unit: □ included	Manufacturer Spe	
Describe method to monitor control D. Electrostatic Precipitato Flow diagram of emissions source an Manufacturer: Collecting electrode area: Gas flow rate: scfm	% ppmv efficiency: or Units: d control unit: □ included	Manufacturer Spe	
Describe method to monitor control D. Electrostatic Precipitato Flow diagram of emissions source an Manufacturer: Collecting electrode area: Gas flow rate: scfm Describe method to monitor control E. Filter Units:	% ppmv efficiency: or Units: d control unit: □ included	Manufacturer Spe Se Manufacturer Spe	erial Number:
Describe method to monitor control D. Electrostatic Precipitato Flow diagram of emissions source an Manufacturer: Collecting electrode area: Gas flow rate: scfm Describe method to monitor control E. Filter Units: Flow diagram of emissions source an	% ppmv efficiency: or Units: d control unit: □ included	Manufacturer Spe	erial Number:

Gas flow rate: NA	scfm		
Unit equipped with a mar	iometer gauge? 🗏	yes □no	Manufacturer's specified pressure differential range:
			inches H ₂ O
Control efficiency:	%	ppmv	mg/m³
Describe method to moni	tor control efficien	cy:	

_	Scru	B_ (I		
-	Scrii	n	nor	ıın	ITC:
	Juli		vei	U II	ILJ.

Flow diagram of emissions source and control unit: inclu	ded Manufacturer Specifications/Guarantee: □ included
Manufacturer: Model:	Serial Number:
Type of scrubber:	
high energy, gas stream pressure drop: in. H ₂ O	
□ packed: packing type packing size	acking material height
spray: number of nozzles nozzle pressure	PSIG
Other, specify:	
Flow type: concurrent countercurrent crossflo	W
Scrubber dimensions: length in direction of gas flow	
	,
Scrubbant: Scrubbant flow rate:	scfm
Control efficiency:%ppmv	mg/m³
Describe method to monitor control efficiency:	
G. Other types:	
Equipment description:	
Flow diagram of emissions source and control unit: \Box inclu	ded Manufacturer Specifications: □included
Manufacturer: Model:	Serial Number:
Gas flow rate: scfm	
Control efficiency: % ppmv	mg/m³
Describe method to monitor control efficiency:	······································
,	
Section 4: Emissions Data	
Section 4: Emissions Data	
Emission Factor Basis (attach any source specified): Mar	nufacturer Source Test MDAQMD Default USEPA AP-42
Emission Factor Basis (attach any source specified): Other (please specify)	
Emission Factor Basis (attach any source specified): Mar	nufacturer Source Test MDAQMD Default USEPA AP-42 Post Control Max. Emissions Units
Emission Factor Basis (attach any source specified): Other (please specify)	
Emission Factor Basis (attach any source specified): Other (please specify) Pollutant Pre-Control Max. Emissions Units NOx	
Emission Factor Basis (attach any source specified): Other (please specify) Pollutant Pre-Control Max. Emissions Units NOx NMHC	
Emission Factor Basis (attach any source specified): Other (please specify) Pollutant Pre-Control Max. Emissions Units NOx	
Emission Factor Basis (attach any source specified): Other (please specify) Pollutant Pre-Control Max. Emissions Units NOx NMHC SOx	
Emission Factor Basis (attach any source specified): Other (please specify) Pollutant Pre-Control Max. Emissions Units NOx NMHC SOx PM10	
Emission Factor Basis (attach any source specified): Other (please specify) Pollutant Pre-Control Max. Emissions Units NOx NMHC SOx PM10 SOx	
Emission Factor Basis (attach any source specified): Other (please specify) Pollutant Pre-Control Max. Emissions Units NOx NMHC SOx PM10	
Emission Factor Basis (attach any source specified): Other (please specify) Pollutant Pre-Control Max. Emissions Units NOx NMHC SOx PM10 SOx	
Emission Factor Basis (attach any source specified): Other (please specify) Pollutant Pre-Control Max. Emissions Units NOx NMHC SOx PM10 SOx Section 5 Exhaust Stack Information:	Post Control Max. Emissions Units
Emission Factor Basis (attach any source specified): Other (please specify) Pollutant Pre-Control Max. Emissions Units NOx NMHC SOx PM10 SOx Section 5 Exhaust Stack Information: Stack height above grade: ft. Stack diameter: Exhaust gas temperature: °F	Post Control Max. Emissions Units
Emission Factor Basis (attach any source specified): Other (please specify) Pollutant Pre-Control Max. Emissions Units NOx NMHC SOx PM10 SOx Section 5 Exhaust Stack Information: Stack height above grade: ft. Stack diameter:	Post Control Max. Emissions Units
Emission Factor Basis (attach any source specified): Other (please specify) Pollutant Pre-Control Max. Emissions Units NOx NMHC SOx PM10 SOx Section 5 Exhaust Stack Information: Stack height above grade: ft. Stack diameter: Exhaust gas temperature: °F	Post Control Max. Emissions Units
Emission Factor Basis (attach any source specified): Other (please specify) Pollutant Pre-Control Max. Emissions Units NOx NMHC SOx PM10 Sox Section 5 Exhaust Stack Information: Stack height above grade: ft. Stack diameter: Exhaust gas temperature: °F Greatest height of nearby buildings: ft.	Post Control Max. Emissions Units
Emission Factor Basis (attach any source specified): Other (please specify) Pollutant Pre-Control Max. Emissions Units NOx NMHC SOx PM10 SOx Section 5 Exhaust Stack Information: Stack height above grade: ft. Stack diameter: Exhaust gas temperature: °F Greatest height of nearby buildings: ft. Section 6: Operation Information Facility Annual Throughput by Quarters (percent): Uniform OR % Jan-Mar % Apr-Jun	Post Control Max. Emissions Units
Emission Factor Basis (attach any source specified): Other (please specify) Pollutant Pre-Control Max. Emissions Units NOx NMHC SOx PM10 SOx Section 5 Exhaust Stack Information: Stack height above grade: ft. Stack diameter: Exhaust gas temperature: °F Greatest height of nearby buildings: ft. Section 6: Operation Information Facility Annual Throughput by Quarters (percent):	Post Control Max. Emissions Units Units Units Discrete Scenarios Scenarios Units Exhaust Flow Rate: Scenarios Sc
Emission Factor Basis (attach any source specified): Other (please specify) Pollutant Pre-Control Max. Emissions Units NOX NMHC SOX PM10 SOX Section 5 Exhaust Stack Information: Stack height above grade: ft. Stack diameter: Exhaust gas temperature: °F Greatest height of nearby buildings: ft. Section 6: Operation Information Facility Annual Throughput by Quarters (percent): Uniform OR % Jan-Mar % Apr-Jun	Post Control Max. Emissions Units
Emission Factor Basis (attach any source specified): Other (please specify) Pollutant Pre-Control Max. Emissions Units NOx NMHC SOx PM10 SOx Section 5 Exhaust Stack Information: Stack height above grade: ft. Stack diameter: Exhaust gas temperature: °F Greatest height of nearby buildings: ft. Section 6: Operation Information Facility Annual Throughput by Quarters (percent): Uniform OR	Post Control Max. Emissions Units
Emission Factor Basis (attach any source specified): Other (please specify) Pollutant Pre-Control Max. Emissions Units NOX NMHC SOX PM10 SOX Section 5 Exhaust Stack Information: Stack height above grade: ft. Stack diameter: Exhaust gas temperature: °F Greatest height of nearby buildings: ft. Section 6: Operation Information Facility Annual Throughput by Quarters (percent): Uniform OR% Jan-Mar% Apr-Jun% Jul-Sep% Oct-Dec Section 7: Receptor Information Distance (Feet) and direction to the property line of closest:	Post Control Max. Emissions Units
Emission Factor Basis (attach any source specified): Other (please specify) Pollutant Pre-Control Max. Emissions Units NOX NMHC SOx PM10 SOx Section 5 Exhaust Stack Information: Stack height above grade: ft. Stack diameter: Exhaust gas temperature: °F Greatest height of nearby buildings: ft. Section 6: Operation Information Facility Annual Throughput by Quarters (percent): Uniform OR	Post Control Max. Emissions Units

^{*}Please note, District Staff may contact you for further information. Failure to provide additional information as requested in a timely manner may result in delays in the processing of this permit application.

Section 8: Certification

Randall Humphreys	President	Hamilton		
Name of Responsible Official	Official Title	Signature of Responsible	Official	Date Signed
Telephone Number: 909 947-0028 ext 241		Email: Cindy.j@wswcorp.com		
	-For	District Use only-		
Application Number:	Invoice Number:	Permit Number:	Company	//Facility Number

RECEIVED MDAQMDwww.mdaqmd.ca.gov

MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

14306 Park Avenue, Victorville, CA 92392-2310

(760) 245-1661

Facsimile: (760) 245-2022

17 SEP | | AM Brad Poiriez

Brad Poiriez

Additive Director

APPLICATION FOR AUTHORITY TO CONSTRUCT AND PERMIT TO OPERATE

Page 1 of 2: please type or print RE	e or print REMIT \$269.00 WITH THIS DOCUMENT (\$153.00 FOR CHANGE OF OWNER)					
1. Permit To Be Issued To (company name to receive per	ermit): 1a. Federal Tax ID No.:					
2. Mailing/Billing Address (for above company name):	Inc. 33-0667263					
P.O. Bx 3340 Ontario C.	A 91761					
3. Facility or Business License Name (for equipment loca	ation):					
California Selica Products,						
4. Facility Address - Location of Equipment (if same as fo	, and					
12808 Kancho Kood, <i>Cid</i> elanto						
5. Contact Name/Title:	Email Address: Phone/Fax Nos.: 919-947-0028 ph					
Mindre, Trape	1000 cam 919 947-0758 fox					
6. Application is hereby made for Authority To Construct	(ATC) and Permit To Operate (PTO) the following equipment:					
	ı					
Air Pollution Control Equipment, if any (note that most AF	PCE require a separate application):					
7. Application is for: Packaging Syste	For modification or change of owner:					
· · · / / _	nge of Owner* *Current Permit Number: B010706					
8. Type of Organization (check one):						
☐ Individual Owner ☐ Partnership ☐ Corporation ☐						
9. General Nature of Business:	Principal Product: SIC Code (if known):					
Building Materials Mygr.	Sand 3270					
10. Distances (feet and direction to closest):						
	idence <u>300'</u> Business <u>3 mi/es</u> School					
11. Facility Annual Throughput by Quarters (percent)	:): 12. Expected Facility Operating Hours:					
20 % 30 % 30 % 20 %	% 4 3 45 540					
Jan-Mar Apr-Jun Jul-Sep Oct-Dec	Hrs/Day Days/Wk Wks/Yr Total Hrs/Yr					
13. Do you claim Confidentiality of Data (if yes, state	e nature of data on reverse in Remarks)?					
14. Signature of Responsible Official:	Official Title:					
Kenny	President					
Typed or Printed Name of Responsible Official:	Phone Number: Date Signed:					
Kandall Humphreus	909-947-0028 8-31-17					
	District Use Only -					
Application Number: Invoice Number: Paid PCR 448 4/MD 1979	Permit Number: Company/Facility Number: 9 1515 / 2582					
1 [0] [0] [0] [10] [10] [10] [10] [10] [1 1000000					

MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT GENERAL APPLICATION, continued

Page 2 of 2: please type or print

15. Stack Emi	ssions Informatio	n:			
Stack No.	Stack Height	Stack Diameter	Exhaust Temp	Exhaust Flow Rate	Exhaust Velocity
1 _					
2					
3					
		(list additional	stacks on a separa	te sheet)	
Stack Diame li Exhaust Ten Exhaust Flov	eter is the diamet f using cross-sec np in degrees F, w Rate at dischar		cular diameter) of c uare feet), equivale to nearest 50 deg ubic feet per minute	discharge point (neares nt diameter is D = (1.2 F	
16. Remarks	(basis for confide	ntiality of data, proc	ess description, m	odification description,	etc.):
This	line p	roduces	50 lb,	100 lb, and	1 300 St
Supe	er sack	5 -		,	
		V-11			-
			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
			,		
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
				ential, space is provide missions are subject to	



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

14306 Park Avenue, Victorville, CA 92392-2310 (760) 245-1661 Facsimile: (760) 245-2022

www.mdaqmd.ca.gov Brad Poiriez Executive Director

APPLICATION FOR AIR POLLUTION CONTROL EQUIPMENT ONLY

PLEASE TYPE OR PRINT

REMIT \$269.00 WITH THIS DOCUMENT (\$153.00 FOR CHANGE OF OWNER)

a. Permit To Be Issued To (Company Name): Western Sta	tes Wholesale Inc. b	. Federal Tax ID #: 33-0667263
c. Mailing/Billing Address (for above company name) P.O.		
The state of the s	California Silica	TABLE MARKET MARKET OF STATE BY A STORY AND A SAME OF
e. Facility Address - Location of Equipment (if same as for com 12808 Rancho Road, Adelanto, CA 92301		Facility UTM or Lat/Long:
f. Contact Name/Title: Cindy Jones Email Address: Cin	dy.j@wswcorp.com	hone/Fax #.: 909 947-0028 ext 241
General Nature of Business: Sand Manufacturing	eniako ukota eini	
Type of Organization (check one): ☐ Individual Owner ☐ Partnership ■ Corporation☐ Federal Agency	□ Utility □ Loca	ll Agency □ State Agency
Section 2: Nature of Application		
Application is hereby made for Authority To Construct (ATC) an Bag House to Green Sand Production	d Permit To Operate (PTO) th	ne following equipment:
Process Equipment Permit # served by proposed control:		
Application is for:	For modification or change	of owner:
■ New Construction □ Modification □ Change of Owner	Cui	rent Permit Number
Do you claim Confidentiality of Data? No × Yes (at	tach explanation; specify whi	ch information provided is confidential)
Section 3: Equipment Information - complete	section A-G as applic	able, each control unit
requires a separate application		
그녀들이 후에 가는 모습니다. 그 후에 다른 그리는 사람들이 하는 사람들이 모습을 하는 사람들이 다 하는 하는 것이다.		고르르아 그리고를 들었는데 하게 하는 것도 모르게 드립니다. 성도하다 프로젝트 교육하지만 그리고 되는 것이 되었다.
A. Adsorption Units:		
Flow diagram of emissions source and control unit: included	······································	ons/Guarantee: □included
Manufacturer: Model:	Serial Nu	mber:
Adsorbent: Activated Charcoal: type	Other: specify	
Adsorbate(s):		
Number of beds:	Weight of absorbent per	
Dimensions of bed: thickness: surface area:		
Inlet temperature:	Pressure drop across uni	inches H ₂ O
Regeneration: ☐ Replacement ☐ Steam ☐ Other, speci	· · · · · · · · · · · · · · · · · · ·	***
Regeneration: ☐ Replacement ☐ Steam ☐ Other, speci Regeneration Method: ☐ shut down ☐ alternate use, specif	y: □ othe	er, specity:
Regeneration: ☐ Replacement ☐ Steam ☐ Other, specific Regeneration Method: ☐ shut down ☐ alternate use, specific Minimum Control efficiency: % pp		er, specify:
Regeneration Method: \Box shut down \Box alternate use, specifically	mvmg/m³	er, specify:

Inv. 44330 MD100002072 CO13031

-low diagram of emissions sourc	e and control unit: Dincluded	Manufacturer Sp	ecifications/Guarantee: [] incl	uded
Manufacturer:	Model: *** *** ***	s s	erial Number:	
Combustion chamber dimension	s: length: in. Cross sect	tional area:	_sq. in. : All land the second	
Fuel: natural gas propane	e □ CARB diesel □ other, speci	fy		ili, i se territori. "
Number and rating of burners:		Operating tempe	rature of combustion chamber	
Inlet temperature:	edita a esta <mark>e</mark> n espera dicina	Pressure drop ac	ross unit:	nches H ₂ O
	CFM TO PERSONAL PROPERTY OF THE PARTY OF THE		areting in obere haginistin.	
Catalyst used: □, please descrit	oe: 🖟 🕾 🐃		建铁铁铁 医自动脉 的复数医线	H MAL
Heat exchanger used: □, please	e describe:			
Minimum Control efficiency:	<u> </u>	vmg/m³		A Nert
Describe method to monitor con				
C. Condenser Units:				
Flow diagram of emissions sourc	e and control unit: 🗆 included	Manufacturer 5p	ecifications/Guarantee: □incl	uded
Manufacturer:	Model: Model:		erial Number:	
Heat exchange area:	· Property of the company of the co			ujjárb)
Coolant flow rate:gp	m water air CARB diesel other, s	specify		
Gas flow rate: scfm	Coolant temperature:		Gas temperature:	
das now latesciiii		e from the control of the first first		
Minimum Control efficiency:	inlet°F outlet %ppm		inlet °F outlet	
Minimum Control efficiency: Describe method to monitor con	inlet°F outlet			**F
Minimum Control efficiency: Describe method to monitor con D. Electrostatic Precipit Flow diagram of emissions source	inlet°F outlet % ppm itrol efficiency; cator Units: te and control unit: □ included	v mg/m³		
Minimum Control efficiency: Describe method to monitor con D. Electrostatic Precipit Flow diagram of emissions source Manufacturer:	inlet°F outlet	vmg/m ³	inlet °F outlet	
Minimum Control efficiency: Describe method to monitor con D. Electrostatic Precipit Flow diagram of emissions sourc Manufacturer: Collecting electrode area:	inlet°F outlet	vmg/m ³	inlet °F outlet ecifications/Guarantee: □ Incl	
Minimum Control efficiency: Describe method to monitor con D. Electrostatic Precipit Flow diagram of emissions sourc Manufacturer: Collecting electrode area: Gas flow rate:	inlet°F outlet	vmg/m ³	inlet °F outlet ecifications/Guarantee: □ Incl	
Minimum Control efficiency: Describe method to monitor con D. Electrostatic Precipit Flow diagram of emissions source Manufacturer: Collecting electrode area: Gas flow rate: Describe method to monitor con	inlet°F outlet	vmg/m ³	inlet °F outlet ecifications/Guarantee: □ Incl	
Minimum Control efficiency: Describe method to monitor con D. Electrostatic Precipit Flow diagram of emissions source Manufacturer: Collecting electrode area: Gas flow rate: scfm Describe method to monitor con E. Filter Units:	inlet°F outlet	v mg/m³	inlet °F outlet ecifications/Guarantee: □ Incl	uded
Minimum Control efficiency: Describe method to monitor con D. Electrostatic Precipit Flow diagram of emissions source Manufacturer: Collecting electrode area; Gas flow rate: scfm Describe method to monitor con E. Filter Units: Flow diagram of emissions source	inlet°F outlet	v mg/m³ Manufacturer Sp S Manufacturer Sp	inlet	uded
Minimum Control efficiency: Describe method to monitor con D. Electrostatic Precipit Flow diagram of emissions source Manufacturer: Collecting electrode area: Gas flow rate: scfm Describe method to monitor con E. Filter Units: Flow diagram of emissions source Manufacturer: Donaldson Torit Filtering material: Cellulex 80/20 bler	inlet °F outlet	v mg/m³ Manufacturer Sp S Manufacturer Sp	inlet	uded
Minimum Control efficiency: Describe method to monitor con D. Electrostatic Precipit Flow diagram of emissions source Manufacturer: Collecting electrode area: Gas flow rate: scfm Describe method to monitor con E. Filter Units: Flow diagram of emissions source Manufacturer: Donaldson Torit Filtering material: Cellulex 80/20 bler	inlet °F outlet	v mg/m³ Manufacturer Sp S Manufacturer Sp	inlet	uded
Minimum Control efficiency: Describe method to monitor con D. Electrostatic Precipit Flow diagram of emissions source Manufacturer: Collecting electrode area: Gas flow rate: scfm Describe method to monitor con E. Filter Units: Flow diagram of emissions source Manufacturer: Donaldson Torit Filtering material: Cellulex 80/20 bler Number and dimension of filters	inlet°F outlet	vmg/m³ Manufacturer Sp S Filtering area: 113 O.D. x 26 inches long 189	inlet °F outlet ecifications/Guarantee: □ inclierial Number: ecifications/Guarantee: □ inclierial Number: 9 sq it	udeď
Minimum Control efficiency: Describe method to monitor con D. Electrostatic Precipit Flow diagram of emissions source Manufacturer: Collecting electrode area: Gas flow rate: Describe method to monitor con E. Filter Units: Flow diagram of emissions source Manufacturer: Donaldson Torit Filtering material: Cellulox 80/20 bler Number and dimension of filters Cleaning method:	inlet°F outlet	vmg/m³ Manufacturer Sp S Filtering area: 113 O.D. x 26 inches long 188 pulse jet Oth	inlet °F outlet	uded
Minimum Control efficiency: Describe method to monitor con D. Electrostatic Precipit Flow diagram of emissions source Manufacturer: Collecting electrode area: Gas flow rate: Describe method to monitor con E. Filter Units: Flow diagram of emissions source Manufacturer: Donaldson Torit Filtering material: Cellulex 80/20 bler Number and dimension of filters Cleaning method: Shaker	inlet °F outlet % ppm phrol efficiency: cator Units: de and control unit: □ included	vmg/m³ Manufacturer Sp S Filtering area: 113 O.D. x 26 inches long 188 pulse jet Oth	inlet °F outlet ecifications/Guarantee: □ inclierial Number: ecifications/Guarantee: □ inclierial Number: 9 sq it	uded

Manufacturer: Model:	d Manufacturer Specifications/Guarantee: □ included
11107100000	Serial Number:
Type of scrubber:	
☐ high energy, gas stream pressure drop:in. H ₂ O	그렇, 사람들이 되지는 말로 살아가고 그는 모두 하는데 함께 얼마?
□ packed: packing type packing size pack □ spray: number of nozzles nozzle pressure f	ng material height
""""""。"我们们的,我们是有一个人的,我们的,我们的事,我们就是有一个人的,我们就是一个人的,我们就是这些人的。"我们的,我们就是这个人,我们就是这个人	'SIG
Other, specify:	
Flow type: concurrent countercurrent crossflow	
Scrubber dimensions: length in direction of gas flow	III. LIOSS SECUOIALATEA SQ. III.
Scrubbant: Scrubbant flow rate:	scfm
Control efficiency:	mg/m³
Describe method to monitor control efficiency:	의 해 제공하면 문법으로 불통한 경험으로 보는 것으로 흥미를 가장하고 하다.
	(현대) 하기 발표를 하는 경기에 있는 것이 되는 것이 되는 것이 되었다. 특별 : : : 이 발표 전기로 등 전기로 되었다. 그리고 있는 것이 되었다.
G. Other types:	
Equipment description:	
Flow diagram of emissions source and control unit: I include	
Manufacturer: Model:	Serial Number:
Gas flow rate:scfm	
Control efficiency: % ppmv	mg/m ³
Section 4: Emissions Data Emission Factor Basis (attach any source specified): Manuf:	ecturer
□ Other (please specify)	<u> </u>
Pollutant Pre-Control Max. Emissions Units	Post Control Max. Emissions Units
	Post Control Max. Emissions Units
NOX	Post Control Max. Emissions Units
Pollutant Pre-Control Max. Emissions Units NOx	Post Control Max. Emissions Units
NOX NMHC SOX	Post Control Max. Emissions Units
NOX: NMHC SOX PM10	Post Control Max. Emissions Units
NOX: NMHC SOX PM10 SOX	Post Control Max. Emissions Units
NOX NMHC SOX PM10 SOX Section 5 Exhaust Stack Information:	Post Control Max. Emissions Units Units □ vertical □ horizontal
NOX NMHC SOX PM10 SOX Section 5 Exhaust Stack Information: Stack height above grade:ft	
NOX NMHC SOX PM10 SOX Section 5 Exhaust Stack Information: Stack height above grade: ft. Stack diameter: Exhaust gas temperature: °F	
NOX NMHC SOX PM10 Sox Section 5 Exhaust Stack Information: Stack height above grade: ft. Stack diameter: Exhaust gas temperature: °F Greatest height of nearby buildings; ft.	□ vertical □ horizontal
NOX NMHC SOX PM10 SOX Section 5 Exhaust Stack Information: Stack height above grade: ft. Stack diameter: Exhaust gas temperature: °F Greatest height of nearby buildings; ft.	□ vertical □ horizontal
NOX NMHC SOX PM10 SOX Section 5 Exhaust Stack Information: Stack height above grade: Stack diameter: Exhaust gas temperature: Exhaust gas temperature: Greatest height of nearby buildings: Section 6: Operation Information Facility Annual Throughput by Quarters (percent):	□ vertical □ horizontal
NOX NMHC SOX PM10 SOX Section 5 Exhaust Stack Information: Stack height above grade:	□ vertical □ horizontal Exhaust Flow Rate: SCFM Expected Hours of Operation:
NOX NMHC SOX PM10 Sox Section 5 Exhaust Stack Information: Stack height above grade:	□vertical □horizontal Exhaust Flow Rate: SCFM Expected Hours of Operation;
NOX NMHC SOX PM10 SOX Section 5 Exhaust Stack Information: Stack height above grade:	□ vertical □ horizontal Exhaust Flow Rate: SCFM

Name of Closest School (K-12)

If the proposed ICE operates within 1,000 feet of a school site and operation results in the emission of hazardous air pollutants, a public notice will be required at the expense of the applicant (CH&S §42301.6)

^{*}Please note, District Staff may contact you for further information. Failure to provide additional information as requested in a timely manner may result in delays in the processing of this permit application.

Section 8: Certification

Application Number: Invoice Number: Permit Number: Company/Facility Number

Appendix B Emissions Calculations

			TPY			LB/YR	
	NOX	VOC	CO	SOX	PM10	LB/DAY	PM4 - CRYSTALLINE SILICA
B008715 CRUSH/SCREEN	0.305882	0.016212	0.061176	0.001835	1	6	105.8
NEW DRYING CIRCUIT					2	19	8.4
CRUSH SCREEN DRY CONTROLS					6	43	0.0
T008722 STORAGE SILOS					0	0	0.0
B010706 PACKAGING SYSTEM					2	16	32.6
B010709 SAND PROCESSING					0	0	2.5
B010710 POOL SAND PACK					4	22	29.3
NEW WHITE PEBBLE PACKAGING					1	4	2.5
NEW COLOR SAND DRYING	0.170804	0.015714	0.044409	0.034161	0.7	6	6.3
NEW WASH SYSTEM					1	11	17.6
NEW BLENDING SYSTEM					1	8	4.8
NEW RADIAL STACKING CONVEYOR					1	5	5.4
NEW RADIAL STACKING CONVEYOR					1	5	5.4
NEW RADIAL STACKING CONVEYOR					1	5	5.4
NEW RADIAL STACKING CONVEYOR					1	5	5.4
					22		231.6

WSW (1515/02582)		and the second												
	Hours Per Day:	16	365	:Days pe	er year	PM10 E	MISSI	ONS	PM4 EMIS	SIONS					
		Tput	EmFac	Con	itrol	Hrly	Daily								
Permit	Description	ton/hr	lb/ton	type	frac	pound	ds	TPY	PM4 EF lb/ton	PM4 lb/year					
Storage S	Silo														
T008722	SILO FILL, BUCKET ELEVATOR	2.75	0.015	NONE	0.00	0.04	0.66		0.000029	0.46574		:			
	SILO FILL, BUCKET ELEVATOR	2.75	0.015	NONE	0.00	0.04	0.66		0.000029	0.46574	:				
	SILO FILL, BUCKET ELEVATOR	2.75	0.015	NONE	0.00	0.04	0.66		0.000029	0.46574					
	SILO FILL, BUCKET ELEVATOR	2.75	0.015	NONE	0.00	0.04	0.66		0.000029	0.46574					
	SILO FILL, BUCKET ELEVATOR	2.75	0.015	NONE	0.00	0.04	0.66		0.000029	0.46574		:			
	SILO FILL, BUCKET ELEVATOR	2.75	0.015	NONE	0.00	0.04	0.66		0.000029	0.46574					
	SILO FILL, BUCKET ELEVATOR	2.75	0.015	NONE	0.00	0.04	0.66		0.000029	0.46574	:	i			1
	LOADING OPEN TOP TRUCK	2.75	0.016	NONE	0.00	0.04	0.70		0.000029	0.46574					
	LOADING OPEN TOP TRUCK	2.75	0.016	NONE	0.00	0.04	0.70		0.000029	0.46574		1			
	LOADING OPEN TOP TRUCK	2.75	0.016	NONE	0.00	0.04	0.70		0.000029	0.46574					1
	LOADING OPEN TOP TRUCK	2.75	0.016	NONE	0.00	0.04	0.70		0.000029	0.46574		ĺ			
	LOADING OPEN TOP TRUCK	2.75	0.016	NONE	0.00	0.04	0.70		0.000029	0.46574					
	LOADING OPEN TOP TRUCK	2.75	0.016	NONE	0.00	0.04	0.70		0.000029	0.46574			***************************************		
	LOADING OPEN TOP TRUCK	2.75	0.016	NONE	0.00	0.04	0.70		0.000029	0.46574			A THE STATE OF THE PERSON NAMED OF	MATERIA POPULATION AND ADDRESS.	a introduction and a
		38.5					9.55	1.7	,	6.52036				I	

	Hours Per Day	: 24	365	:Days pe	ryear		PM10	EMISSIONS					
		Tput	EmFac	Cont	trol	Hrly	Daily						
	Description	ton/hr	lb/ton	type	frac	pound	is	PM10 TPY	PM4 EF LB/TON	PM4 LB/YR			
	Crushing and Screening System		•								6 5		
	dump from sandpit to conveyor	15	0.014	bhmp	0.95	0.01	0.24		0.000029				
3008715	hopper	15	0.014	bhmp	0.95	0.01	0.24		0.000029	3.8106			
3008715	crusher feed conveyor	15	0.014	bhmp	0.95	0.01	0.24		0.000029			1	
3008715	transfer to crusher	15	0.014	bhmp	0.95	0.01	0.24	200	0.000029	3.8106		1	
	primary crusher	15	0.120	bhmp	0.95	0.09	2.16		0.000083	10.9062			
3008715	transfer to to discharge conveyor	15	0.014	bhmp	0.95	0.01	0.25		0.000029	3.8106			
3008715	transfer 5 deck screen	15	0.014	bhmp	0.95	0.01	0.24		0.000029	3.8106			i i
3008715	screen	15	0.014	bhmp	0.95	0.01	0.24		0.000006	0.7884			
3008715	transfer to cross belt conveyor	15	0.014	bhmp	0.95	0.01	0.24		0.000029	3.8106			
3008715	cross belt conveyor	15	0.014	bhmp	0.95	0.01	0.25		0.000029				
3008715	transfer to cross belt conveyor	15	0.014	bhmp	0.95	0.01	0.24		0.000029	3.8106			
3008715	cross belt conveyor	15	0.014	bhmp	0.95	0.01	0.25		0.000029	3.8106			
3008715	transfer to bucket elevator	15	0.014	bhmp	0.95	0.01	0.24		0.000029	3.8106			
3008715	conveyor	15	0.014	bhmp	0.95	0.01	0.25		0.000029	3.8106			
3008715	transfer to hopper	15	0.014	bhmp	0.95	0.01	0.24		0.000029	3.8106			
3008715	hopper	15	0.014	bhmp	0.95	0.01	0.24		0.000029	3.8106			
otal						0.24	5.9	1.218238534		65.043			
Notes:		1											
ayout an	d Flow from Permits and criteria emission submi	ssions			:								
mission	s assume 1% moisture content										1	1	

	Hours Per			:Days pe				0 EMISSIONS								
		Tput	EmFac	Con	trol	Hrly	Daily	4	DMAEE							.
ermit	Description	ton/hr	lb/ton	type	frac	pound	ds	PM10 TPY	PM4 EF LB/TON	PM4 LB/YR			1			
	stem, formerly part of B008715	torum	ID/ COLL	9,50	- iluo	pouri		1 14/10 11 1	LDITOR	1104 20111		ł				
	dump to hopper	15	0.014	bhmp	0.95	0.01	0.16		0.000029	2,5404		·				
008715		15	0.014	bhmp	0.95	0.01	0.16		0.000029	2.5404		1		ii		900
	transfer to dryer	15	0.014	bhmp	0.95	0.01	0.16	1	0.000029	2.5404		-	-			
008715	dryer	15	0.120	bhmp	0.95	0.09	1.44	1	0.000029	2.5404						1
	transfer to elevator	15	0.014	bhmp	0,95	0.01	0.16	1	0.000029	2.5404		1	1	1	*******	10
	elevator	15	0.014	bhmp	0.95	0.01	0.17	,	0,000029	2,5404						1
008715	transfer to to discharge conveyor	15	0.014	bhmp	0.95	0.01	0.17	,	0.000029	2.5404		1		1		4
008715		15	0,014	bhmp	0.95	0.01	0.16	5	0.000029	2.5404		1	1			
008715	screen	15	0.014	bhmp	0.95	0.01	0.16		0.000006	0.5256		1				
	transfer to hopper	15	0.014	bhmp	0.95	0.01	0.16	5	0.000029	2.5404		†nn		1000		400
008715		15	0.014	bhmp	0.95	0.01	0.17		0.000029	2.5404	i	1	1	1		7
	transfer to hopper	15	0.014	bhmp	0.95	0.01	0.16		0.000029	2.5404		1		1		
008715		15	0.014	bhmp	0.95	0.01	0,17	,	0.000029	2,5404		1				
	conveyor hopper to bucket elevator	15	0.014	bhmp	0.95	0.01	0.16		0.000029	2.5404		1		1		
	transfer to bucket elevator	15	0.014	bhmp	0.95	0,01	0.16	i	0.000029	2,5404	1	1		1		
008715		15	0.014	bhmp	0.95	0.01	0.16		0.000029	2,5404		1				
	finish screen	15	0.014	bhmp	0,95	0.01	0.16		0,000029	2.5404		1		1		
008715		15	0.120	bhmp	0.95	0.09	1.44		0.000006	0.5256	ı	1				
	transfer to finish screen	15	0.014	bhmp	0,95	0.01	0.16		0,000029	2,5404		·				-
	finish screen 2	15	0.120	bhmp	0.95	0.09	1.44		0,000006	0.5256	i					
	transfer to conveyor	15	0.014	bhmp	0.95	0.01	0.16		0.000029	2,5404	i	1				1
	transfer to conveyor	15	0.014	bhmp	0.95	0.01	0.16		0.000029	2.5404	1		1		•	:
008715	transfer to conveyor	15	0.014	bhmp	0.95	0.01	0.17		0.000029	2.5404		·				
		15	0.014	bhmp	0.95	0.01	0.17		0.000029	2.5404	·	. 				
	transfer to conveyor		0.014		0.95	0.01	0.10		0.000029	2.5404	ļ	.j				
	transfer to conveyor	15		bhmp												.ļ
	transfer to conveyor	15	0.014	bhmp	0.95	0.01	0.16		0.000029	2.5404						. ļ
	transfer to conveyor	15	0.014	bhmp	0.95	0.01	0.16		0.000029	2.5404	i				. 1 .	
008715	conveyor	15	0.014	bhmp	0.95	0.01	0.16		0.000029	2,5404		.j				
008715	conveyor	15	0.014	bhmp	0.95	0.01	0.16		0.000029	2.5404						
008715	conveyor	15	0.014	bhmp	0.95	0.01	0.17		0.000029	2.5404		.l				
008715	conveyor	15	0.014	bhmp	0.95	0.01	0.16		0.000029	2,5404		.i				J.,
008715	conveyor	15	0.014	bhmp	0.95	0.01	0.17		0.000029	2.5404	i	1.				1
008715	conveyor	15	0.014	bhmp	0.95	0.01	0.16		0.000029	2.5404		.i				<u>:</u>
008715		15	0.014	bhmp	0.95	0.01	0.16		0.000029	2.5404	İ					
	transfer to elevator	15	0.014	bhmp	0.95	0.01	0.16		0.000029	2.5404	i	.1				1
008715	transfer to elevator	15	0.014	bhmp	0.95	0.01	0.16	8	0.000029	2.5404	i	1				
008715	transfer to elevator	15	0.014	bhmp	0.95	0.01	0.17	1	0.000029	2.5404	i	1				1
008715	transfer to elevator	15	0.014	bhmp	0.95	0.01	0.16	3	0,000029	2.5404		T	1			
008715	transfer to elevator	15	0.014	bhmp	0.95	0.01	0.17	7	0.000029	2.5404		İ				
008715	transfer to elevator	15	0.014	bhmp	0.95	0.01	0.16	3	0.000029	2.5404	i		1			-
008715	transfer to elevator	15	0.014	bhmp	0.95	0.01	0.16	3	0.000029	2.5404	í · · · · · · ·	1	1			1
008715	silo elevator	15	0.014	bhmp	0,95	0.01	0.16	3	0.000029	2.5404	i	1		1000	***************************************	
008715	silo elevator	15	0.014	bhmp	0.95	0.01	0.16		0,000029	2.5404	i .	1	1	1		
	silo elevator	15	0.014	bhmp	0.95	0.01	0.16		0.000029	2.5404						1
	silo elevator	15	0.014	bhmp	0.95	0.01	0.16		0.000029	2.5404	i		· I			
	silo elevator	15	0.014	bhmp	0.95	0.01	0.16		0.000029	2.5404	i	÷				
	silo elevator	15	0.014	bhmp	0.95	0.01	0.16		0.000029	2.5404		deces		4		
	silo elevator	15	0.014	bhmp	0.95	0.01	0.16		0.000029	2.5404			-		- 1	1
	transfer to hopper	15	0.014	bhmp	0,95	0.01	0.16		0.000029	2.5404	ı	†	··[·			1
	hopper	15	0.014	bhmp	0.95	0.01	0.16		0.000029	2.5404						
	transfer to hopper	15	0.014	bhmp	0.95	0.01	0.16		0,000029	2.5404		4				÷
	hopper	15	0.014	bhmp	0.95	0.01	0.16		0.000029	2.5404		·	4			- ļ
	transfer to hopper	15	0.014		0.95	0.01	0.16		0.000029	2.5404		1 .			- <u>†</u>	į
				bhmp												
008715	nopper	15	0.014	bhmp	0.95	0.01	0.16	4	0.000029	2.5404			.	_		
n fo l						0.70	42.5	2 464706534		424 4270	į	ļ				
otal						0.79	12.7	2.464786534		131.1372	i	.j				.J.,
			Ll				L	<u> </u>	ļ		l .	1	1			i
otes:												i				
	nd Flow from Permits and criteria emission su															

						.		
						· 	MMBtu/yr	2
FUEL			ral Gas DISTRICT			annual fuel	13140	12.88
EMISSION FACTORS -UNITS		AP-42 lb/mmcf	lb/mmcf			}		
L	CAS#	ID/IIIIICI	JOHITHO	***************************************	1			
CRITERIA	U/10 #	>		lb/yr	tpy	lb/hr	<u> </u>	:
NOx	42603		100.00					:
CO	42101		20.00					
SOx	42401		0.60	7.729411765	0.003865	0.029728507	,	
PM 10	11101		3.00	38.64705882	0.019324	0.148642534		
TOG	43101		12.05	155.2323529	0.077616			
ROG / VOC			5.30	68.27647059		0.26260181		
Methane	74828		2.30	29.62941176	0.014815	0.113959276	1	
TOXIC SUBSTANCES		\nearrow	\searrow					
Acenaphthene	83329		1.800E-06			5.5741E-09	And a second control of the control of	
Acenaphthylene	208968		1.800E-06			5.5741E-09	Ç	
Anthracene	120127		2.400E-06	A REAL PROPERTY AND ADMINISTRAL ON AND ADMINISTRAL PROPERTY AND ADMINISTRATION ADMINISTRATION ADMINISTRATION ADMINISTRATION ADMINISTRATION ADMINISTRATION ADMINISTRATION ADMINISTRATION ADMINISTRATION ADMINISTRATION ADMINISTRATION ADMINISTRATION ADMINISTRATION ADMINISTRATION ADMINISTRATION ADMINISTRAL PROPERTY ADMINISTRATION A	i Ossassianas areas areas areas	7.43213E-09	Bus reconstruction of the contract of the con-	
Arsenic	7440382		2.000E-04	Account and and a second section of the second second second	Samuel on woman	6.19344E-07		
Barium	7440393		4.400E-03	and the State Section 4 are not a few and the State Section 4.	LEGGERAL STREET, STREE	1.36256E-05	*	
Benzaldehyde	100527		1.640E-02	0.211270588		5.07862E-05	. (
Benzene	71432 56553		4.400E-01	5.668235294		0.001362557		
Benzo(a)anthracene	50328		1.800E-06 1.600E-06			5.5741E-09 4.95475E-09		
Benzo(a)pyrene Benzo(b)fluoranthene	205992		1.800E-06			5.5741E-09		
Benzo(g,h,l)perylene	191242		1.600E-06	and a series of the contract of the series o		4.95475E-09	A	<u> </u>
Benzo(k)fluoranthene	205823	.	1.800E-06			5.5741E-09	£	i
Berizo(k)ildoraritiene	7440417		1.200E-05			3.71606E-08	A	
Butane	106978		2.100E+00		**************	0.006503111		
Cadmium	7440439		1.100E-03	0.014170588		3.40639E-06	. ;	
Chromium (total)	7440473		1.400E-03	0.018035294		4.33541E-06)	
Chrysene	218019		1.800E-06	2.31882E-05	·	5.5741E-09)	
Cobalt	7440484		8.400E-05	0.001082118	Ś	2.60124E-07	': :	
Copper	7440508		8.500E-04			2.63221E-06	3	
Dibenzo(a,h)anthracene	53703		1.600E-06	Market 1 (1981) 1 1 1 1 1 1 1 1 1		4.95475E-09		
Dichlorobenzene	25321226		1.200E-03			3.71606E-06	45. * * * * * * * * * * * * * * * * * * *	
7,12-Dimethylbenz(a)anthracene	57976		1.600E-05			4.95475E-08		
Ethane	74840		3.100E+00	THE CASE OF A 12 A SHOP A CASE OF A 2 A CONTRACT.		0.00959983	refrance a constant a constant a constant	[
Fluoranthene	206440		3.000E-06	.		9.29016E-09	de a composition	
Fluorene	86737		2.800E-06			8.67081E-09		
Formaldehyde	50000 110543		8.800E-01 1.100E-01	11.33647059 1.417058824		0.002725113		: }
Hexane Indeno(1,2,3-cd)pyrene	193395		1.800E-06			0.000340639 5.5741E-09		
Lead	7439921		5.000E-04		****************	1.54836E-06		:
Manganese	7439965		3.800E-04			1.17675E-06	of a contract of the contract	
Mercury	7439976		2.600E-04			8.05147E-07		l
3-methylchloranthrene	56495		1.800E-06			5.5741E-09	Chiana and a series and an area	 !
2-Methylnaphthalene	91576		2.400E-05			7.43213E-08		
Molybdenum	7439987		1.100E-03			3.40639E-06	ه م م م سام م م م م م م م م م موري م أم .	}
Naphthalene	91203		6.100E-04	 A second of the s		1.889E-06	S.	
Nickel	7440020		2.100E-03	0.027052941		6.50311E-06	S	<u>.</u>
Pentane	109660		2.600E+00			0.008051471		
Phenanathrene	85018		1.700E-05			5.26442E-08		
Propane	74986		1.600E+00	a transfer of the second		0.004954751		
Pyrene	129000		5.000E-06	CARROL CONTRACTOR CARROL CONTRACTOR		1.54836E-08	· · · · · · · · · · · · · · · · · · ·	y Sakasta kalentaa
Selenium	7782492		2.400E-05			7.43213E-08	5) A. S. P. P. P. S. P. S. P. S. P. S.	
Toluene	108883		2.200E-01	2.834117647		0.000681278	. (
Vanadium	7440622		2.300E-03		e e europea e e e e en en en en en en en en en en e	7.12245E-06	ajrenne rerner renesa en re	
Zinc	7440666		2.900E-02	0.373588235		8.98049E-05);	

	Hours Per D	av: 12	350	:Days per yea	ar								1	
		Tput	EmFac	Contro		Hrly	Daily					1		
				ŀ					PM4 EF					
	Description	ton/hr	lb/ton	type	frac	poun	ds	TPY	LB/TON	PM4 LB/YR				
POOL SA	AND PACKAGING													
	transfer to feed hopper	15	0.014	bhmp	0.95	0.01	0		0.000029	1.827				
	feed hopper	15	0.014	none	0.00	0.20	2		0.000029	1.827				
	dump to conveyor	15	0.014	none	0.00	0.20	2		0.000029	1.827				
	conveyor	15	0.014	none	0.00	0.20	2		0.000029	1.827				
	transfer to screen	15	0.014	none	0.00	0.20	2		0.000029	1.827				
	screen	15	0.120	bhmp	0.95	0.09	1		0.000006	0.378				
	transfer to elevator	15	0.014	bhmp	0.95	0.01	0		0.000029	1.827				
	transfer to hopper	15	0.014	bhmp	0.95	. 0.01	0		0.000029	1.827				
	hopper	15	0.014	bhmp	0.95	0.01	0		0.000029	1.827		1		
	transfer to open mouth filler	15	0.014	none	0.00	0.20	2		0.000029	1.827		1		
,	filler	15	0.014	none	0.00	0.20	2		0.000029	1.827				
	transfer to packaging	15	0.014	none	0.00	0.20	2		0.000029	1.827				
	transfer to conveyor	15	0.014	conv.75	0.70	0.06	1		0.000029	1.827	:			
	conveyor	15	0.014	conv.75	0.70	0.06	1		0.000029	1.827				
	transfer to conveyor	15	0.014	conv.75	0.70	0.06	1		0.000029	1.827				
	transfer to destination	. 15	0.014	conv.75	0.70	0.06	1		0.000029	1.827		1		
	conveyor	15	0.014	conv.75	0.70	0.06	1		0.000029	1.827				
aghouse	9													:
010711	Baghouse 3hp 2,000 scfm					0.17	2							
Γota I						1.56	22.4	3.92		29.61				

	Hours Per Da	ay: 16	350	:Days pe	er year 🗄	PM10 EMIS	SIONS	PM4 EMIS	SIONS	4		
		Tput	EmFac	Con		Hrly Dai	ily					
ermit	Description	ton/hr	lb/ton	type	frac	pounds	PM16	D PM4 EF LB/TON	PM4 LB/YR			
BALL MI	LL SYSTEM) SAND PROCESSING SYSTEM I	3010709									 	
	drop from silo to screw 1	2	0.014	bhmp	0.95	0.00	0	0.000029	0.3248	· ·		
	screw 1	2	0.014	bhmp	0.95	0.00	0	0.000029	0.3248			
	transfer to screw 2	2	0.014	bhmp	0.95	0.00	0	0.000029	0.3248	1		
	screw 2	2	0.014	bhmp	0.95	0.00	0	0.000029	0.3248	1		
	transfer to screen	2	0.014	bhmp	0.95	0.00	0	0.000029	0.3248			
	screen	2	0.120	bhmp	0.95	0.01	0	0.000006	0.0672			
	transfer to overs elevator	2	0.014	bhmp	0.95	0.00	0	0.000029				
	transfer to overs elevator	2	0.014	bhmp	0.95	0.00	0	0.000029				
	overs elevator	2	0.014	bhmp		0.00	0	0.000029				
	transfer to overs hopper	2	0.014	bhmp			0	0.000029				
	transfer hopper to overs draw screw	2	0.014	bhmp		0.00		0.000029				
	transfer to unders elevator	2	0.014	bhmp	0.95	0.00	0	0.000029				
	unders elevator	2	0.014	bhmp		0.00	0	0.000029				
	transfer to unders hopper	2	0.014	bhmp		0.00	0	0.000029				
	transfer to unders draw screw	2	0.014	bhmp	0.95	0.00	0	0.000029	0.3248			
otal B0						0.02	0					
Baghouse	C010708										 	Ji
	Baghouse 3hp 2,020 scfm					0.17	3				 	
otal C0	0708					0.17	3					
OTAL						0.22	3	1	3.3152			

transfer to feed transfer to feed transfer to feed transfer to feed feed conveyor transfer to screv screw conveyor transfer to eleva elevator transfer to dry n hopper transfer to doub transfer to mixe mixer feed screv transfer to batch mixer transfer to desti Total B010706	Hours Per Day					PM10 EM			PM4 EMIS	010110				
Packaging System B0107 transfer to feed transfer to feed transfer to feed transfer to feed transfer to feed feed conveyor transfer to screw screw conveyor transfer to eleva elevator transfer to dry m hopper transfer to doub transfer to mixe mixer feed screw transfer to batch mixer transfer to desti Fotal B010706 Baghouse C010707		Tput	EmFac	:Days pe		Hrly [1		
Packaging System B0107 transfer to feed transfer to feed transfer to feed transfer to feed transfer to feed feed conveyor transfer to screw screw conveyor transfer to eleva elevator transfer to dry in hopper transfer to doub transfer to mixe mixer feed screw transfer to batch mixer transfer to desti Total B010706 Baghouse C010707	otion	ton/hr	lb/ton	type	frac	pounds	- 1		PM4 EF LB/TON	PM4 LB/YR			M. (1994) 18 (1994)	
transfer to feed transfer to feed transfer to feed transfer to feed transfer to feed feed conveyor transfer to screw screw conveyor transfer to eleva elevator transfer to dry n hopper transfer to doub transfer to mixe mixer feed screw transfer to batch mixer transfer to desti Fotal B010706														
transfer to feed transfer to feed feed conveyor transfer to screv screw conveyor transfer to eleva elevator transfer to dry n hopper transfer to pack transfer to mixe mixer feed screv transfer to batch mixer transfer to desti Total B010706 Raghouse C010707	to feed conveyor	15	0.014	water	0.75	0.05	1		0.000029	3.654				i
transfer to feed feed conveyor transfer to screv screw conveyor transfer to eleva elevator transfer to dry n hopper transfer to pack transfer to mixe mixer feed screv transfer to batch mixer transfer to desti Total B010706 Feed conveyor transfer to desti	to feed conveyor	15	0.014	water	0.75	0.05	1		0.000029	3.654	<u> </u>			 1
feed conveyor transfer to screw screw conveyor transfer to eleva elevator transfer to dry n hopper transfer to doub transfer to pack transfer to mixe mixer feed screw transfer to desti Fotal B010706 Baghouse C010707	to feed conveyor	15	0.014	water	0.75	0.05	1		0.000029	3.654				
transfer to screw screw conveyor transfer to eleva elevator transfer to dry manager to doub transfer to pack transfer to mixe mixer feed screw transfer to batch mixer transfer to desti Total B010706 transfer to desti Total B010706	to feed conveyor	15	0.014	water	0.75	0.05	1		0.000029	3.654				 rețe I
screw conveyor transfer to eleva elevator transfer to dry m hopper transfer to doub transfer to pack transfer to mixe mixer feed scree transfer to batch mixer transfer to desti Total B010706 Baghouse C010707	nveyor	15	0.014	water	0.75	0.05	1		0.000029	3.654				
transfer to eleva elevator transfer to dry m hopper transfer to doub transfer to pack transfer to mixe mixer feed scree transfer to batch mixer transfer to desti Total B010706 Baghouse C010707	to screw conveyor	15	0.014	water	0.75	0.05	1		0.000029	3.654				1
elevator transfer to dry m hopper transfer to doub transfer to pack transfer to mixe mixer feed scree transfer to batch mixer transfer to desti Total B010706 Baghouse C010707	conveyor	15	0.014	bhenci	0.99	0.00	0		0.000029	3.654	ī l			
transfer to dry m hopper transfer to doub transfer to pack transfer to mixe mixer feed scree transfer to batch mixer transfer to desti Fotal B010706 Baghouse C010707	to elevator	15	0.014	bhenci	0.99	0.00	0		0.000029	3.654	[]			
hopper transfer to doub transfer to pack transfer to mixe mixer feed scree transfer to batch mixer transfer to desti Fotal B010706 Baghouse C010707	-	15	0.014	bhencl	0.99	0.00	0		0.000029	3.654				
transfer to doub transfer to pack transfer to mixe mixer feed scree transfer to batch mixer transfer to desti Fotal B010706 Baghouse C010707	to dry material hopper	15	0.014	bhencl	0.99	0.00	0		0.000029	3.654				
transfer to pack transfer to mixe mixer feed scree transfer to batch mixer transfer to desti Fotal B010706 Baghouse C010707	· ·	15	0.014	bhencl	0.99	0.00	0		0.000029	3.654				
transfer to mixe mixer feed scree transfer to batch mixer transfer to desti Total B010706 Baghouse C010707	to double nozzle packer	15	0.014	bhencl	0.99	0.00	0		0.000029	3.654				
mixer feed scree transfer to batch mixer transfer to desti Fotal B010706 Baghouse C010707	to packaging	15	0.014	bhmp	0.95	0.01	0		0.000029	3.654				
transfer to batch mixer transfer to desti Fotal B010706 Baghouse C010707	to mixer feed screw conveyor	15	0.014	chema	0.85	0.03	1		0.000029	3.654				- 1
mixer transfer to desti Total B010706 Baghouse C010707	eed screw conveyor	15	0.014	chemd	0.80	0.04	1		0.000029	3.654				
transfer to desti	to batch ribbon mixer	15	0.014	chemd	0.75	0.05	1		0.000029	3.654				
Total B010706 Baghouse C010707		15	0.014	chemd	0.70	0.06	1		0.000029	3.654				
Total B010706 Baghouse C010707 Baghouse 3hp 2	to destination	15	0.014	chemd	0.65	0.07	2		0.000029	3.654				
						0.15	4	0.67						
	77										-			 į.
						0.17	4				4			 ÷
, , ,	ise 15 BHP 6300 scfm	1 1				0.17	4				1			
Total B010706	30 10 0111 0000 30811				1	0.34	4	1			1			
								•						
				Tota	ıls (lbs):	1.42	30	2.1		65.772				
Notes:	rom Permits and criteria emission submi						<u></u>							

WSW (1515/02582)													
	Hours Per Day			:Days pe	r year			PM4 EMIS	SIONS		i			
		Tput	EmFac	Con	rol	Hrly Da	aily							.,
Permit	Description	ton/hr	lb/ton	type	frac	pounds	1	PM4 EF LB/TON	PM4 LB/YR		temberand () & as come & second			
IEW WH	HITE PEBBLE BAGGING LINE													
	transfer to feed hopper	3	0.014	water	0.75	0.01	0	0.000029	0.50808					
	feed hopper	3	0.014	none	0.00	0.04	1	0.000029	0.50808					
	dump to conveyor	3	0.014	water	0.75	0.01	0	0.000029	0.50808					
	conveyor	3	0.014	water	0.75	0.01	0	0.000029	0.50808					
	transfer to value packer	3	0.014	none	0.00	0.04	1	0.000029	0.50808					
	value packer	3	0.014	none	0.00	0.04	1	0.000029	0.50808					
	transfer to packaging	3	0.014	none	0.00	0.04	1	0.000029	0.50808					
]			.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			:			1		
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「otal						0.19	3 0.57		3.55656	ı				

				:					10	h	
			*******					mmbtu/hr			mgal/yr
FUEL					i Paragraphia		annual fuel use	1	11	5840	64
FUEL		AP-42	ropane DISTRICT				! !			<u> </u>	
EMISSION FACTORS -UNITS		lb/mgal	lb/mgal								
POLLUTANT	CAS#	D/IIIgur				<u> </u>	L				i
CRITERIA	0,10 ,,	>		lb/yr	ton/yr	lb/hr					
NOx	42603		7.5	479.563794							
CO	42101		1.95	124,6865864					•		
SOx	42401		1.5	95.91275881	0.047956						
PM 10	11101		1.85	118.2924025	0.059146						
CO2			12500	799272.99	399,6365				**************		
TOG	43101		0.69	44.11986905							
ROG / VOC			0.63	40.2833587	0.020142						
TOXIC SUBSTANCES	\setminus	\mathbb{X}	M								
Acenaphthene	83329		1.647E-07	1.05312E-05		1.80329E-09					
Acenaphthylene	208968		1.647E-07	1.05312E-05		1.80329E-09				i	
Acetaldehyde	75070		8.235E-05	0.00526561		9.01646E-07				l	
Acrolein	107028		7.320E-05	0.004680543		8.01463E-07				ļ	İ
Anthracene	120127		2.196E-07	1.40416E-05		2.40439E-09					
Arsenic	7440382		1.830E-05	0.001170136		2.00366E-07			*******		ļ
Barium	7440393		4.026E-04	0.025742984		4.40805E-06				ļ	ļ
Benzaldehyde	100527		1.501E-03	0.095951124		1.643E-05					İ
Benzene	71432		1.556E-04	0.009946153		1.70311E-06				ļ	ļ
Benzo(a)anthracene	56553	-	1.647E-07	1.05312E-05		1.80329E-09					
Benzo(a)pyrene Benzo(b)fluoranthene	50328 205992		1.464E-07 1.647E-07	9.36109E-06 1.05312E-05		1.60293E-09 1.80329E-09					ļ
Benzo(g,h,l)perylene	191242		1.464E-07	9.36109E-06		1.60293E-09				! 	İ
Benzo(k)fluoranthene	205823		1.647E-07	1.05312E-05		1.80329E-09				ļ	ļ
Beryllium	7440417		1.098E-06	7.02081E-05		1.20219E-08					‡
Butane	106978		1.922E-01	12,2864244		0.00210384			. •	ļ	
Cadmium	7440439		1.007E-04	0.006435746	d	1.10201E-06					
Chromium (total)	7440473		1.281E-04	0.00819095		1.40256E-06	L				
Chrysene	218019		1.647E-07	1.05312E-05		1.80329E-09	50 (00000000000000000000000000000000000	**********	y	ļ	·····
Cobalt	7440484		7,686E-06	0.000491457		8,41536E-08			75 - 7		
Соррег	7440508		7.778E-05	0.004973077	· · · · · · · · · · · · · · · · · · ·	8.51554E-07					
Dibenzo(a,h)anthracene	53703		1.464E-07	9.36109E-06		1.60293E-09					ļ
Dichlorobenzene	25321226		1.098E-04	0.007020814		1.20219E-06					
7,12-Dimethylbenz(a)anthracene	57976		1.464E-06	9.36109E-05		1.60293E-08					İ
Ethane	74840		2.837E-01	18.13710269		0.003105668	· · · · · · · · · · · · · · · · · · ·				F
Ethyl Benzene	100414		1.830E-04	0.011701357		2.00366E-06				ļ	
Fluoranthene	206440		2.745E-07	1.7552E-05		3.00549E-09					
Fluorene	86737		2.562E-07	1.63819E-05		2.80512E-09					
Formaldehyde Hexane	50000 110543		3.294E-04 1.190E-04	0.021062442 0.007605882	de en en en en en en en en en	3,60658E-06 1,30238E-06	Large are come a second con-			ļ	ļ
Indeno(1,2,3-cd)pyrene	193395		1.190E-04 1.647E-07	1.05312E-05		1.80329E-09			*********	 	ļ
Lead	7439921		4.575E-05	0.002925339		5.00914E-07					
Manganese	7439965		3.477E-05	0.002923359		3.80695E-07	!				ļ
Mercury	7439976		2.379E-05	0.002223230		2.60475E-07				: 	į į
3-methylchloranthrene	56495		1.647E-07	1.05312E-05		1.80329E-09				:	<u> </u>
2-Methylnaphthalene	91576		2.196E-06	0,000140416		2.40439E-08					i
Molybdenum	7439987		1.007E-04	0.006435746		1.10201E-06				<u> </u>	
Naphthalene	91203		2.745E-05	0.001755203		3.00549E-07		:		(İ
Nickel	7440020		1.922E-04	0.012286424		2.10384E-06					
PAH's	1150		3.660E-05	0.002340271		4.00731E-07					Ī
Pentane			2.379E-01	15.21176355	1	0.002604754					i
Phenanathrene			1.556E-06			1.70311E-08					
Propane	74986		1.464E-01	9.361085259		0.001602926		i o manana			
Propylene		L	1.403E-03	0.089690898		1.5358E-05				L	
Pyrene	129000		4.575E-07			5.00914E-09					<u> </u>
Selenium	7782492		2.196E-06			2.40439E-08				ļ	Į
Toluene	108883		7.137E-04			7.81426E-06				<u> </u>	<u>!</u>
Vanadium	7440622	ļ	2.105E-04			2.30421E-06				ļ	
Xylenes	1210		5.307E-04			5.81061E-06			,	<u>,,,</u>	
Zinc	7440666		2.654E-03	0.16966967	<u>:</u>	2.9053E-05	<u> </u>			<u> </u>	1

wsw (1515/02582)					***************************************			re en en en en en en en en en en en en		e grande i grand		
	Hours F	Per Day: 16		:Days pe		PM10 EI		ONS	PM4 EMIS	SIONS			
		Tput	EmFac	Con	trol	Hrly	Daily			\$1000(Q (10 pm) 2000 (1000 pm)			
	Description	ton/hr	lb/ton	type	frac	pound			PM4 EF LB/TON	PM4 LB/YR			
IEW W	ASH SYSTEM					•							
	dump to feed hopper	5	0.014	water	0.75	0.02	0		0.000029	0.8468			
	feed hopper	5	0.014	water	0.75	0.02	0		0.000029	0.8468			
	dump to conveyor	5	0.014	water	0.75	0.02	0		0.000029	0.8468			
	conveyor	5	0.014	water	0.75	0.02	0		0.000029	0.8468			
	dump to conveyor	5	0.014	water	0.75	0.02	0		0.000029	0.8468			
	conveyor	5	0.014	water	0.75	0.02	0		0.000029	0.8468			-
	screen	5	0.000	none	0.00	0.00	0		0.000006	0.1752			
	dump to conveyor	5	0.014	water	0.75	0.02	0		0.000029	0.8468			i
•	conveyor	5	0.014	water	0.75	0.02	0		0.000029	0.8468			
	dump to pile	5	0.014	water	0.75	0.02	0		0.000029	0.8468			Î
	dump to conveyor	5	0.014	water	0.75	0.02	0		0.000029	0.8468			1
	conveyor	5	0.014	water	0.75	0.02	0		0.000029	0.8468			1
	dump to pile	5	0.014	water	0.75	0.02	0		0.000029	0.8468			1
	dump to conveyor	5	0.014	water	0.75	0.02	0		0.000029	0.8468			T
	conveyor	5	0.014	water	0.75	0.02	0		0.000029	0.8468			1
	dump to pile	5	0.014	water	0.75	0.02	0		0.000029	0.8468			1
	conveyor	5	0.014	water	0.75	0.02	0		0.000029	0.8468			1
	dump to pile	5	0.014	water	0.75	0.02	0		0.000029	0.8468			1
	transfer to conveyor	5	0.014	water	0.75	0.02	0		0.000029	0.8468			-
	conveyor	5	0.014	water	0.75	0.02	0		0.000029	0.8468			
	transfer from conveyor	5	0.014	water	0.75	0.02	0		0.000029	0.8468	1		ï
	transfer to conveyor	5	0.014	water	0.75	0.02	0		0.000029	0.8468			
	conveyor	5	0.014	water	0.75	0.02	0		0.000029	0.8468			
	transfer from conveyor	5	0.014	water	0.75	0.02	0		0.000029	0.8468		,	Ť
	transfer to conveyor	5	0.014	water	0.75	0.02	0		0.000029	0.8468			1
	conveyor	5	0.014	water	0.75	0.02	0		0.000029	0.8468			1
	transfer from conveyor	5	0.014	water	0.75	0.02	0		0.000029	0.8468			
	transfer to conveyor	5	0.014	water	0.75	0.02	0		.0.000029	0.8468			Ť
	conveyor	5	0.014	water	0.75	0.02	0		0.000029	0.8468			i
	transfer from conveyor	5	0.014	water	0.75	0.02	0		0.000029	0.8468			i
otal					į	0.49	8	1.44		24.7324			

WSW (1515/02582)												
	Hours Per Da	ıy: 16	365	:Days pe	er year	PM10 E	MISSI	ONS	PM4 EMIS	SIONS			1
		Tput	EmFac	Con	trol	Hrly	Daily					 	
Permit	Description	ton/hr	lb/ton	type	frac	pound		1	PM4 EF LB/TON	PM4 LB/YR	en den den den den en		
NEW BL	ENDING SYSTEM											 	
	dump to loading hopper	5	0.014	water	0.75	0.02	0		0.000029	0.8468			
	loading hopper	5	0.014	water	0.75	0.02	0		0.000029	0.8468			
	dump to conveyor	5	0.014	water	0.75	0.02	0		0.000029	0.8468			
	conveyor	5	0.014	water	0.75	0.02	0		0.000029	0.8468			
	dump to value packer hopper	5	0.014	none	0.00	0.07	1		0.000029	0.8468			
	dump value pack	5	0.014	none	0.00	0.07	1		0.000029	0.8468			
	dump to super sacker hopper	5	0.014	none	0.00	0.07	1		0.000029	0.8468			
	dump to super sack	5	0.014	none	0.00	0.07	1		0.000029	0.8468			
Total						0.34	5	0.99		6.7744	1		1
												 **********	 1

WSW (1515/02582)		:										
		Hours Per Day: 24	365	:Days pe	er year	PM10 E	VIISSI	ONS	PM4 EMIS	SIONS			1
		Tput	EmFac			Hrly					 		İ
Permit	Description	ton/hr	lb/ton	type	frac	pound			PM4 EF LB/TON	PM4 LB/YR			
RADIAL .	STACKING CONVEYOR												
	transfer to conveyor	15	0.014	none	0.00	0.20	5		0.000029	3.8106	 		
	conveyor	15	0.014	none	0.00	0.20	5		0.000029	3.8106			
	transfer from conveyor	-15	0.014	none	0.00	0.20	5		0.000029	3.8106	 		
Total EA	CH					0.61	15	2.68		11.4318	 		
	49 1 1 1 44 17 17 17 11 11 11 11 11 11 11 11 11 11							1					

Appendix C HARP Prioritization Score/CEIR Data

File name: \NASO2\Public Docs\Permit Engineering\Individual Permitting Projects\WSW\ps 020518.rtf

HARP Facility Prioritization Report

HARP EIM Version: 2.1.1

Reporting Year: -2 Project Path: \\NASO2\Public Docs\Permit Engineering\Emission Inventory\2014 CEIP&CEIR\Facilities\RNB tra files files\2016Inventory211.mdb CEIDARS Utility Database: C:\HARP2\Tables\CEIDARSTables022016.mdb HARP Health Talbe: HEALTH201708 Sorting Order: DIS, AB, CO, TS, FACID, POLABBREV Date Created: 2/5/2018 3:52:55 PM Operator: RNB · ********* POLLUTANT HEALTH VALUES FROM HARP HEALTH DATABASE: POLLUTANT ID POLLUTANT CANCERURF (INH) ACUTEREL CHRONICREL (INH) (ug/m^3)^-1 ug/m^3 ug/m^3 Silica, Crystln N/A N/A 3.00E+00 ********** PRIORITIZATION SCORE SUMMARY: Facility Name Proximity Method Optional Factors Emission and Potency Procedure Dispersion Adjustment Procedure CO AB DIS FACID Cancer Acute Chronic NonCancer Cancer Acute Chronic NonCancer Score WESTERN STATES WHOLESALE PERMITTING SCREEN Proximity Method: Annual Operating Hours 8760 151502582 36 MD MOJ 0.00E+00 0.00E+00 0.61 0.61 0.00E+00 0.00E+00 0.61 0.61 ···· ******** PRIORITIZATION SCORES AND POLLUTANTS: (For proximity method or optional factors information, please see section above.) Note: 1. Annual Emissions units: LBS/YR for toxics, TONS/YR for criteria pollutants, CURIES/YR for radionuclides. 2. Hourly Maximum Emissions units: LBS/HR for toxics, MILLICURIES/HR for radionuclides. 3. * GHGs, non-regulatory pollutants, and user defined pollutants are marked by an asterisk with the pollutant ID. These pollutants are not included in the prioritization score calculation. Facility Name Emission and Potency Procedure Dispersion Adjustment Procedure Highest FACID CO AB DIS Chronic NonCancer Cancer Acute Cancer Acute Chronic NonCancer Score WESTERN STATES WHOLESALE PERMITTING SCREEN Annual Operating Hours: 8760 151502582 36 MD MOJ 0.00E+00 0.00E+00 0.61 0.61 0.00E+00 0.00E+00 0.61 0.61 0.61 POL ID POLLUTANT ANNUAL EMS HR MAX EMS Pollutant 1175 Silica, Cr 428,100 7,000E-02

Appendix D Public Notice

Noticing Methods include the following, per District Rule 1302(D)(2)and(3):

- Published in newspapers of general circulation *Riverside Press Enterprise* (Riverside County) and the *Daily Press* (San Bernardino County) on Wednesday, April 4, 2018.
- Mailed and/or emailed to MDAQMD contact list of persons requesting notice of actions (see the contact list following the Public Notice in this Appendix) on Friday, March 30, 2018.
- Posted on the MDAQMD Website at the following link: http://www.mdaqmd.ca.gov/permitting/public-notices-advisories/public-notices-permitting-regulated-industry

NOTICE OF PRELIMINARY DETERMINATION

NOTICE IS HEREBY GIVEN THAT California Silica Products LLC, operating their facility at 12808 Rancho Road in Adelanto, California has submitted permit applications for new equipment and to modify existing permits which will result in a Potential to Emit for Particulate Matter less than 10 microns in size (PM10) which exceeds the offset threshold pursuant to the provisions of Mojave Desert Air Quality Management District (MDAQMD or District) Regulation XIII. The District has reviewed the applications and determined that the facility PM10 emissions must be fully offset. PM10 emissions will be limited to 24.9 tons/year while emissions for all other criteria pollutants and hazardous air pollutants/toxic air contaminants will be limited to below the major source thresholds. The MDAQMD has prepared a Preliminary Determination (PDOC) for the proposed permitting pursuant to MDAQMD Rule 1303. The PDOC finds that, subject to specified permit conditions, the proposed project will comply with all applicable MDAQMD rules and regulations.

REQUEST FOR COMMENTS: Interested persons are invited to submit written comments and/or other documents regarding the Preliminary Determination. If you submit written comments, you may also request a public hearing on the action. To be considered, comments, documents and requests for public hearing written comments must be received at the above address no later than thirty days after the date this notice is published. A Final Determination should be issued by May 18, 2018.

AVAILABILITY OF DOCUMENTS: Copies of the Permit Applications, New Source Review Preliminary Decision and other supporting documentation are available from the MDAQMD by mail, in person, via the following link on the MDAQMD website:

http://mdaqmd.ca.gov/permitting/public-notices-advisories/public-notices-permitting-regulated-industry

or by contacting Roseana Navarro-Brasington, Mojave Desert Air Quality Management District, 14306 Park Avenue, Victorville, CA 92392, Phone: (760) 245-1661, extension 5706, Facsimile: (760) 245-2022 or at rnbrasington@mdaqmd.ca.gov.