SMAQMD BACT CLEARINGHOUSE

| | Ү Туре: | | | RIAL - HA | | |
|------------|----------------------------|-------------|--------------------|---------------------|----------------------|-------------|
| BACT Cate | gory: MINOR SO | JURCE | | | | |
| BACT Det | ermination Numb | er: | 276 | BACT Det | termination Date: | 1/11/202 |
| | | | Equipmen | t Informatio | on | |
| Permit Nu | mber: N/A | Generic BA | CT Determinat | ion | | |
| Equipmer | t Description: | PORTA | BLE GREENW | ASTE/WOOD | WASTE TROMMEL S | SCREEN |
| Unit Size/ | Rating/Capacity: | | | | | |
| Equipmer | t Location: | | | L / | XPIRED | |
| | | | | | | |
| | | BACT | Determin | ation Info | ormation | |
| District | Contact: Felix | Trujillo | Phone No.: (27 | 9)207-1154 | email: ftrujillo@air | quality.org |
| ROCs | Standard: | - | | | | |
| NO03 | Technology | | | | | |
| | Description: | | | | | |
| | Basis: | | | | | |
| NOx | Standard: | | | | | |
| | Technology | | | | | |
| | Description: | | | | | |
| | Basis: | | | | | |
| SOx | Standard: | | | | | |
| | Technology | | | | | |
| | Description: | | | | | |
| | Basis: | FE < or equ | al to 5% Opacity | | | |
| PM10 | Standard: | | / or adequate mois | ture content of pr | ocess materials | |
| | Technology Description: | Water opray | | | | |
| | Basis: | Achieved in | Practice | | | |
| PM2.5 | Standard: | VEE < or ec | ual to 5% Opacity | | | |
| | Technology | Water spray | or adequate mois | ture content of pro | ocess materials. | |
| | Description: | | | | | |
| | Basis: | Achieved in | Practice | | | |
| со | Standard: | | | | | |
| | Technology | | | | | |
| | Description: | | | | | |
| | Basis: | | | | | |
| LEAD | Standard: | | | | | |
| | Technology Description: | | | | | |
| | Basis: | | | | | |



BEST AVAILABLE CONTROL TECHNOLOGY DETERMINATION

| | DETERMINATION NO.: | 276 | |
|-------------------------------------|-------------------------------|---------------------|--|
| EXPIRED | DATE: | 1/11/22 | |
| | ENGINEER: | Felix Trujillo, Jr. | |
| | | | |
| Category/General Equip Description: | Trommel Screen | | |
| Equipment Specific Description: | Portable Greenwaste/Woodwa | aste Trommel Screen | |
| Equipment Size/Rating: | Small Emitter BACT (< 10lb/da | ay)/Minor Source | |
| Previous BACT Det. No.: | 167 | | |

This BACT determination will update Determination #167 (9/12/17) for a portable greenwaste trommel screen. The process involves greenwaste/woodwaste being loaded into a feed hopper and screened by the rotating trommel screen to remove any unwanted materials. The waste is then transferred via associated conveyors to stockpiles. The equipment is all skid mounted and is portable.

A. BACT ANALYSIS:

Pursuant to the District's Draft BACT Guidelines (2016), a review of the EPA, CARB, SCAQMD, SJVAPCD, BAAQMD and SDAPCD BACT Clearinghouses was performed. The District also reviewed any applicable rules from the aforementioned air districts that apply to this type of operation. The review of these sources showed no change in the rules or BACTs that were previously evaluated for minor sources under BACT No. 167. Also, no new technologically feasible control technologies were identified. Therefore, there is no change in requirements as was previously determined under BACT No. 167. BACT No. 167 will be attached as a reference for this BACT determination (see Appendix A).

This BACT will clarify that it applies to woodwaste and greenwaste.

BACT Determination #276 Portable Greenwaste/Woodwaste Trommel Screen Page 2 of 2

B. <u>SELECTION OF BACT</u>:

BACT for Portable Greenwaste/Woodwaste Trommel Screen operations is the following:

| BA | BACT # 276 for Portable Greenwaste/Woodwaste Trommel Screen | | | | |
|-----------|--|----------------|--|--|--|
| Pollutant | Standard | Source | | | |
| VOC | No Standard | | | | |
| NOx | No Standard | | | | |
| SOx | No Standard | | | | |
| PM10 | VEE < or equal to 5% Opacity; Water spray or adequate moisture of process materials | SMAQMD/SJVAPCD | | | |
| PM2.5 | VEE < or equal to 5% Opacity; Water spray or adequate moisture of process materials | SMAQMD/SJVAPCD | | | |
| со | No Standard | | | | |

APPROVED BY: Brian 7 Krebs

DATE: 01-11-2022

Attachment A BACT No. 167

| • | C 1 | Ν. | 1 | | |
|---|------------|----|---|---|--|
| A | | | | Е | |

| CATEGOR | <i>(</i> : | IC ENGINE | COMPRESSION-PRIME | |
|------------|----------------------------|------------------------------|---|-----------|
| BACT Size: | Minor Source | BACT | IC ENGINE PF | |
| BACT Dete | ermination Numb | er: 167 | BACT Determination Date: | 9/12/2017 |
| | | Equipmen | t Information | |
| Permit Nur | mber: 25332 | | | |
| Equipment | t Description: | IC ENGINE PRIME PO | OWER | |
| | Rating/Capacity: | Portable Greenwaste | | |
| Equipment | t Location: | | OURCE MGMT, LTD DBA FLORIN PERKINS | |
| | | 4201 FLORIN PERKIN | NS RD | |
| | | SACRAMENTO, CA | ation Information | |
| | 1 | BACI Determin | ation Information | |
| ROCs | Standard: | | | |
| | Technology | | | |
| | Description: | | | |
| | Basis: | | | |
| NOx | Standard: | | | |
| | Technology Description: | | | |
| | Basis: | | | |
| 0 | Standard: | | | |
| Ox | Technology | | | |
| | Description: | | | |
| | Basis: | | | |
| PM10 | Standard: | VEE < or equal to 5% Opacity | | |
| | Technology | Water spray or adequate mois | sture content of process materials. | |
| | Description: | Achieved in Practice | | |
| | Basis: Standard: | VEE < or equal to 5% Opacity | | |
| PM2.5 | Technology | | sture content of process materials. | |
| | Description: | | | |
| | Basis: | Achieved in Practice | | |
| CO | Standard: | | | |
| | Technology | | | |
| | Description: | | | |
| | Basis: | | | |
| LEAD | Standard: | | | |
| | Technology Description: | | | |
| | Basis: | | | |
| | | I Emitter BACT (< 10 lb/day) | | |
| Johnnenits | • ······· | | | |
| | | | | |
| | | Frujillo, Jr. Phone No. | : (916) 874 - 7357 email: smosunic@airq | |



BEST AVAILABLE CONTROL TECHNOLOGY DETERMINATION

| DETERMINATION | |
|---------------|---------------------|
| NO.: | 167 |
| DATE: | 9/12/17 |
| ENGINEER: | Felix Trujillo, Jr. |

| Category/General Equip Description: | Screen |
|--|---|
| Equipment Specific Description: | Portable Greenwaste Trommel Screen |
| Equipment Size/Rating: | Small Emitter BACT (< 10 lb/day)/Minor Source |
| Previous BACT Det. No.: | None |

This BACT was determined under the project for A/C's 25331 and 25332 (Zanker Road Resource Management, Ltd.).

BACT ANALYSIS

A: ACHIEVED IN PRACTICE (Rule 202, §205.1a)

The following control technologies are currently employed as BACT for portable greenwaste trommel screen operations:

| District/Agency | Best Ava | Best Available Control Technology (BACT)/Requirements | | | |
|-----------------|---|--|--|--|--|
| US EPA | BACT Source: E Portable VOC NOx SOx PM10 PM2.5 CO | PA RACT/BACT/LAER Clearinghouse Greenwaste Trommel Screen No standard No standard No standard No standard No standard No standard SQUIREMENTS: | | | |
| | <u>RULE RE</u> None | QUIREMENTS | | | |

BACT Determination Portable Greenwaste Trommel Screen September 12, 2017 Page 2 of 7

| District/Agency | Best Ava | Best Available Control Technology (BACT)/Requirements | | | | |
|-----------------|---|---|--|--|--|--|
| | BACT Source: A | ARB BACT Clearinghouse | | | | |
| | Portable | e Greenwaste Trommel Screen | | | | |
| | voc | No standard | | | | |
| | NOx | No standard | | | | |
| rt. | SOx | No standard | | | | |
| | PM10 | No standard | | | | |
| ARB | PM2.5 | No standard | | | | |
| 7.1.10 | со | No standard | | | | |
| | greenwas 1. There equip 2. No al period darke <u>BACT</u> | Article 5 Sections 2450-2465) sets the following requirements for portable ste trommel screen registered in the PERP program. e shall be no visible emissions beyond the property line on which the ment is being operated; ir contaminants shall be discharged into the atmoshphere for a period of ds aggregating more than three minutes in any one hour which is as dark or ir than Ringelmann 1 or equivalent 20 percent opacity: and SMAQMD BACT Clearinghouse | | | | |
| 01 | Portable | Greenwaste Trommel Screen | | | | |
| | voc | No standard | | | | |
| × | NOx | No standard | | | | |
| | SOx | No standard | | | | |
| SMAQMD | PM10 | No standard | | | | |
| | PM2.5 | No standard | | | | |
| 24 | CO | No standard | | | | |
| 6 | <u>RULE RE</u> None | QUIREMENTS | | | | |

BACT Determination Portable Greenwaste Trommel Screen September 12, 2017 Page 3 of 7

| District/Agency | Best Ava | ailable Control Technology (BACT)/Requirements |
|-----------------|---------------------------------|---|
| | <u>BACT</u> Source: <u>S</u> | SCAQMD BACT Guidelines for Non-Major Polluting Facilities, page 13. |
| | Portable | e Greenwaste Trommel Screen |
| | voc | No standard |
| * | NOx | No standard |
| South Coast | SOx | No standard |
| | PM10 | No standard |
| | PM2.5 | No standard |
| 2 | со | No standard |
| | | SR Requirements for BACT, page 27. Greewaste Trommel Screen |
| | voc | No standard |
| | NOx | No standard |
| San Diego | SOx | No standard |
| County APCD | PM10 | No standard |
| | PM2.5 | No standard |
| | со | No standard |
| | | APCD has a BACT trigger level of 10 lb/day. EQUIREMENTS: |

BACT Determination Portable Greenwaste Trommel Screen September 12, 2017 Page 4 of 7

| BacT Source: BAAQMD BACT Guideline Document 180.1 (8/5/91) Wood Processing Equipment VOC No standard NOx No standard SOx No standard PM10 No standard PM2.5 No standard CO No standard The BAAQMD has a BACT trigger level of 10 lb/day. RULE REQUIREMENTS: None. BACT Source: SJVUAPCD BACT Guideline 6.4.1 Composted Materials – Screening, Transportable, Wood Waste Processing VOC No standard Nox No standard Nox No standard Sox No standard Nox VOC No standard PM10 Use of a water sprinkler system or maintaining moisture content of the process materials to prevent visible emissions in excess of 5% opacity. PM2.5 No standard CO No standard CO No standard CO No standard PM2.5 No standard CO No standard | District/Agency | Best Ava | Best Available Control Technology (BACT)/Requirements | | | | |
|---|-----------------|---------------------|---|--|--|--|--|
| Bay Area VOC No standard AQMD No standard SOx PM10 No standard PM10 PM2.5 No standard CO PM2.5 No standard CO CO No standard CO The BAAQMD has a BACT trigger level of 10 lb/day. RULE REQUIREMENTS: None. None. BACT Source: SJVUAPCD BACT Guideline 6.4.1 Composted Materials – Screening, Transportable, Wood Waste Processing VOC VOC No standard Nox No standard Sox No standard Sox No standard PM10 Use of a water sprinkler system or maintaining moisture content of the process materials to prevent visible emissions in excess of 5% opacity. PM10 Use of a water sprinkler system or maintaining moisture content of the process materials to prevent visible emissions in excess of 5% opacity. PM2.5 No standard CO No standard According the the details page of BACT Guideline 6.4.1, the emissions unit for this BACT was a transportable trommel screen (see Attachment A). The SJVAPCD BACT trigger level is 2 lb/day. RULE REQUIREMENTS: | | | | | | | |
| Bay Area NOx No standard SOx No standard PM10 No standard PM2.5 No standard CO No standard The BAAQMD has a BACT trigger level of 10 lb/day. RULE REQUIREMENTS: None. BACT Source: SJVUAPCD BACT Guideline 6.4.1 Composted Materials – Screening, Transportable, Wood Waste Processing VOC No standard Nox No standard Sox No standard Sox No standard PM10 Use of a water sprinkler system or maintaining moisture content of the process materials to prevent visible emissions in excess of 5% opacity. PM2.5 No standard CO No standard According the the details page of BACT Guideline 6.4.1, the emissions unit for this BACT was a transportable trommel screen (see Attachment A). The SJVAPCD BACT trigger level is 2 lb/day. RULE REQUIREMENTS: | | Wood F | Processing Equipment | | | | |
| Bay Area SOx No standard PM10 No standard PM2.5 No standard CO No standard The BAAQMD has a BACT trigger level of 10 lb/day. RULE REQUIREMENTS: None. BACT Source: SJVUAPCD BACT Guideline 6.4.1 Composted Materials – Screening, Transportable, Wood Waste Processing VOC No standard NOx No standard NOx No standard Sox No standard PM10 Use of a water sprinkler system or maintaining moisture content of the process materials to prevent visible emissions in excess of 5% opacity. PM2.5 No standard CO No standard According the the details page of BACT Guideline 6.4.1, the emissions unit for this BACT was a transportable trommel screen (see Attachment A). The SJVAPCD BACT trigger level is 2 lb/day. RULE REQUIREMENTS: | | voc | No standard | | | | |
| Bay Area PM10 No standard PM2.5 No standard CO No standard The BAAQMD has a BACT trigger level of 10 lb/day. RULE REQUIREMENTS: None. Source: SJVUAPCD BACT Guideline 6.4.1 Composted Materials – Screening, Transportable, Wood Waste Processing VOC No standard Nox No standard Sox No standard Sox No standard PM10 Use of a water sprinkler system or maintaining moisture content of the process materials to prevent visible emissions in excess of 5% opacity. PM2.5 No standard CO No standard ACcording the the details page of BACT Guideline 6.4.1, the emissions unit for this BACT was a transportable trommel screen (see Attachment A). The SJVAPCD BACT trigger level is 2 lb/day. RULE REQUIREMENTS: | 5 | NOx | No standard | | | | |
| AQMD PM10 No standard PM2.5 No standard CO No standard The BAAQMD has a BACT trigger level of 10 lb/day. RULE REQUIREMENTS: None. BACT Source: SJVUAPCD BACT Guideline 6.4.1 Composted Materials – Screening, Transportable, Wood Waste Processing VOC No standard NOx No standard Sox No standard PM10 Use of a water sprinkler system or maintaining moisture content of the process materials to prevent visible emissions in excess of 5% opacity. PM2.5 No standard CO No standard According the the details page of BACT Guideline 6.4.1, the emissions unit for this BACT was a transportable trommel screen (see Attachment A). The SJVAPCD BACT trigger level is 2 lb/day. RULE REQUIREMENTS: | Bay Area | SOx | No standard | | | | |
| CO No standard The BAAQMD has a BACT trigger level of 10 lb/day. RULE REQUIREMENTS: None. BACT Source: SJVUAPCD BACT Guideline 6.4.1 Composted Materials – Screening, Transportable, Wood Waste Processing VOC No standard NOx No standard SOX No standard SOX No standard PM10 Use of a water sprinkler system or maintaining moisture content of the process materials to prevent visible emissions in excess of 5% opacity. PM2.5 No standard CO No standard According the the details page of BACT Guideline 6.4.1, the emissions unit for this BACT was a transportable trommel screen (see Attachment A). The SJVAPCD BACT trigger level is 2 lb/day. RULE REQUIREMENTS: | | PM10 | No standard | | | | |
| The BAAQMD has a BACT trigger level of 10 lb/day. RULE REQUIREMENTS: None. BACT Source: SJVUAPCD BACT Guideline 6.4.1 Composted Materials – Screening, Transportable, Wood Waste Processing VOC No standard NOx No standard SOx No standard PM10 Use of a water sprinkler system or maintaining moisture content of the process materials to prevent visible emissions in excess of 5% opacity. PM2.5 No standard CO No standard According the the details page of BACT Guideline 6.4.1, the emissions unit for this BACT was a transportable trommel screen (see Attachment A). The SJVAPCD BACT trigger level is 2 lb/day. RULE REQUIREMENTS: | | PM2.5 | No standard | | | | |
| RULE REQUIREMENTS: None. BACT Source: SJVUAPCD BACT Guideline 6.4.1 Composted Materials – Screening, Transportable, Wood Waste Processing VOC No standard NOx No standard SOx No standard PM10 Use of a water sprinkler system or maintaining moisture content of the process materials to prevent visible emissions in excess of 5% opacity. PM2.5 No standard CO No standard According the the details page of BACT Guideline 6.4.1, the emissions unit for this BACT was a transportable trommel screen (see Attachment A). The SJVAPCD BACT trigger level is 2 lb/day. RULE REQUIREMENTS: | | со | No standard | | | | |
| Source: SJVUAPCD BACT Guideline 6.4.1 Composted Materials – Screening, Transportable, Wood Waste Processing VOC No standard NOx No standard SOx No standard SOx No standard PM10 Use of a water sprinkler system or maintaining moisture content of the process materials to prevent visible emissions in excess of 5% opacity. PM2.5 No standard CO No standard According the the details page of BACT Guideline 6.4.1, the emissions unit for this BACT was a transportable trommel screen (see Attachment A). The SJVAPCD BACT trigger level is 2 lb/day. RULE REQUIREMENTS: | | RULE RE | | | | | |
| VOC No standard NOx No standard SOx No standard SOx No standard PM10 Use of a water sprinkler system or maintaining moisture content of the process materials to prevent visible emissions in excess of 5% opacity. PM2.5 No standard CO No standard According the the details page of BACT Guideline 6.4.1, the emissions unit for this BACT was a transportable trommel screen (see Attachment A). The SJVAPCD BACT trigger level is 2 lb/day. RULE REQUIREMENTS: | 5 | Source: S | | | | | |
| Sox No standard PM10 Use of a water sprinkler system or maintaining moisture content of the process materials to prevent visible emissions in excess of 5% opacity. PM2.5 No standard CO No standard According the the details page of BACT Guideline 6.4.1, the emissions unit for this BACT was a transportable trommel screen (see Attachment A). The SJVAPCD BACT trigger level is 2 lb/day. RULE REQUIREMENTS: | | | | | | | |
| San Joaquin Valley APCD PM10 Use of a water sprinkler system or maintaining moisture content of the process materials to prevent visible emissions in excess of 5% opacity. PM2.5 No standard CO No standard According the the details page of BACT Guideline 6.4.1, the emissions unit for this BACT was a transportable trommel screen (see Attachment A). The SJVAPCD BACT trigger level is 2 lb/day. RULE REQUIREMENTS: | | NOx | No standard | | | | |
| San Joaquin Valley APCD process materials to prevent visible emissions in excess of 5% opacity. PM2.5 No standard CO No standard According the the details page of BACT Guideline 6.4.1, the emissions unit for this BACT was a transportable trommel screen (see Attachment A). The SJVAPCD BACT trigger level is 2 lb/day. RULE REQUIREMENTS: | | SOx | No standard | | | | |
| CO No standard CO No standard According the the details page of BACT Guideline 6.4.1, the emissions unit for this BACT was a transportable trommel screen (see Attachment A). The SJVAPCD BACT trigger level is 2 lb/day. RULE REQUIREMENTS: | | PM10 | | | | | |
| According the the details page of BACT Guideline 6.4.1, the emissions unit for this BACT was a transportable trommel screen (see Attachment A). The SJVAPCD BACT trigger level is 2 lb/day. RULE REQUIREMENTS: | Valley APCD | PM2.5 | No standard | | | | |
| BACT was a transportable trommel screen (see Attachment A). The SJVAPCD BACT trigger level is 2 lb/day. RULE REQUIREMENTS: | | со | No standard | | | | |
| | | BACT wa The SJV/ | as a transportable trommel screen (see Attachment A). APCD BACT trigger level is 2 lb/day. | | | | |

BACT Determination Portable Greenwaste Trommel Screen September 12, 2017 Page 5 of 7

| | SUMMARY OF ACHIEVED IN PRACTICE CONTROL TECHNOLOGIES | | | | | | | |
|-----------|--|---------|-----|--|--|--|--|--|
| Pollutant | Source | | | | | | | |
| voc | No Standard | | | | | | | |
| NOx | No Standard | | | | | | | |
| SOx | No Standard | | | | | | | |
| PM10 | 1. VEE < or equal to 5% Opacity; Water spray or adequate moisture of process materials | SJVAPCD | | | | | | |
| | 2. Water Spray w/ > 50% control efficiency | BAAQMD | | | | | | |
| PM2.5 | No Standard | | · . | | | | | |
| со | No Standard | | | | | | | |

The following control technologies have been identified and are ranked based on stringency:

The following control technologies have been identified as the most stringent, achieved in practice control technologies:

| BEST CONTROL TECHNOLOGIES ACHIEVED | | | |
|------------------------------------|---|---------|--|
| Pollutant | Standard | Source | |
| voc | No Standard | | |
| NOx | No Standard | | |
| SOx | No Standard | · · | |
| PM10 | VEE < or equal to 5% Opacity; Water spray or adequate moisture of process materials | SJVAPCD | |
| PM2.5 | No standard | | |
| со | No Standard | · · | |

B. TECHNOLOGICALLY FEASIBLE AND COST EFFECTIVE (Rule 202, §205.1.b.)

Technologically Feasible Alternatives:

Any alternative basic equipment, fuel, process, emission control device or technique, singly or in combination, determined to be technologically feasible by the Air Pollution Control Officer. The table below shows the technologically feasible alternatives identified as capable of reducing emissions beyond the levels determined to be "Achieved in Practice" as per Rule 202, §205.1.a.

BACT Determination Portable Greenwaste Trommel Screen September 12, 2017 Page 6 of 7

| Pollutant | Technologically Feasible Alternatives | |
|-----------|---------------------------------------|--|
| voc | None identified | |
| NOx | None identified | |
| SOx | None identified | |
| PM10 | Baghouse | |
| PM2.5 | Baghouse | |
| CO | None identified | |

This operation is a portable greenwaste trommel screen that will be moved throughout the processing area. The use of a baghouse requires electrical power. The engines on these types of equipment can only power the equipment that is associated with the manufactured unit and cannot power additional equipment such as baghouses (as explained in BACT 166 for a wood waste grinder). This BACT will also apply to facilities that don't own their own equipment. These facilities would be issued flex permits, that will allow them to use equipment from various third party contractors. The requirement of a baghouse. The greenwaste grinder is on wheels and can be easily moved from one location to another. The use of a baghouse would reduce the mobility of the equipment. There would also be a variation in the hp rating of the equipment, which may require a specific baghouse to be used with specific equipment. Therefore, it is not technologically feasible to use a baghouse with this type of portable equipment.

Using the PM10 BACT standard for PM2.5:

Since both, PM10 and PM2.5 trigger BACT at >0 lb/day and PM2.5 is a subset of PM10, BACT for PM2.5 will be triggered whenever BACT is triggered for PM10. Therefore, BACT for PM2.5 will be set to be the same as for PM10.

BACT Determination Portable Greenwaste Trommel Screen September 12, 2017 Page 7 of 7

C. SELECTION OF BACT

Small emitter BACT (< 10 lb/day) & Minor Source BACT for a portable greenwaste trommel screen is the following:

| BACT FOR PORTABLE GREENWASTE TROMMEL SCREEN | | | |
|---|---|---------|--|
| Pollutant | Standard | Source | |
| VOC | No standard | | |
| NOx | No standard | | |
| SOx | No standard | | |
| PM10 | VEE < or equal to 5% Opacity; Water spray or adequate moisture of process materials | SJVAPCD | |
| PM2.5 | VEE < or equal to 5% Opacity; Water spray or adequate moisture of process materials | SJVAPCD | |
| CO | No standard | | |

REVIEWED BY:

DATE:

APPROVED BY:

9/12/17 DATE:

Attachment A Review of BACT Determinations

San Joaquin Valley Unified Air Pollution Control District

Best Available Control Technology (BACT) Guideline 6.4.1*

Last Update: 04/03/1998

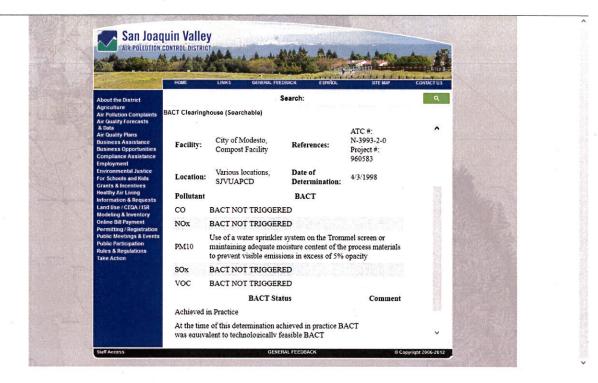
Composted Materials - Screening, Transportable, Wood Waste Processing

| Pollutant | Achieved in Practice or | Technologically | Alternate Basic |
|-----------|---|---------------------------------------|-----------------|
| | contained in the SIP | Feasible | Equipment |
| PM10 | Use of a water sprinkler system or maintaining adequate moisture content of the process materials to prevent visible emissions in excess of 5% opacity | · · · · · · · · · · · · · · · · · · · | |

BACT is the most stringent control technique for the emissions unit and class of source. Control techniques that are not achieved in practice or contained in s a state implementation plan must be cost effective as well as feasible. Economic analysis to demonstrate cost effectiveness is required for all determinations that are not achieved in practice or contained in an EPA approved State Implementation Plan.

*This is a Summary Page for this Class of Source

6.4.1



BAY AREA AIR QUALITY MANAGEMENT DISTRICT Best Available Control Technology (BACT) Guideline

Source Category

| Source: Wood Processing Equipment Revision: Document / | 1 180.1 |
|--|------------|
| Class: All Date: | 08/05/91 |

Determination

| POLLUTANT | BACT J. Technologically Feasible/ Cost Effective 2. Achieved in Practice | TYPICAL TECHNOLOGY |
|------------------|--|--|
| POC | 1: n/a 2: n/a | 1. <i>nia</i> 2. nia |
| NOx | 1. n/a 2. n/a | 1. Na 2. Na |
| SO ₂ | 1. n/a 2. n/a | 1. n/a 2. n/a |
| CO | 1. n/a 2. n/a | 1. wa 2. wa |
| PM ₁₆ | 1. Enclsoure and vent to a baghouse w/ ≤0.01 gr/dscf ⁴ 2. Water mist spray w/ ≥50% control efficiency ⁶ | 1. BAAQMD Approved Design and Operation ⁴ 2. BAAQMD Approved Design and Operation ⁴ |
| NPOC | 1. n/a 2. n/a | 1. n/a 2. n/a |

References

a BAAQMD

BACT Template Version 071315