

February 5, 2019



# SHREDDED BARK MULCH

## STA Mulch Master - PCRC Mulch Specifications

The **STA Mulch Master – PCRC Mulch** shall consist of whole, virgin and recycled, shredded trees. The mulch provider must be a compost producer and a participant in the United States Composting Council (USCC) Seal of Testing Assurance (STA) program. The material must be certified through US Composting Council’s STA Program.

The **STA Mulch Master – PCRC Mulch** shall be produced by shredding logs and larger branches through a tub or horizontal grinder. The shredding shall produce a mulch material that contains tangle foots with excellent ability to hold onto hill sides of up to 1:1 slope ratio.

Chipped wood mulch shall not be accepted.

The mulch shall be screened twice; once for removal of overs and again for removal of fines. Material must meet the following size specifications.

### **Sizing Specifications:**

**<2 inches: 5%**

**2 inches - 4 inches: 90%**

**4 inches - 5 inches: 5%**

<b>Minimum Carbon to Nitrogen Ratio.....</b>	<b>100</b>
<b>Minimum Organic Matter (Dry Weight).....</b>	<b>95%</b>
<b>Maximum Ash (Dry Weight).....</b>	<b>5%</b>
<b>Sodium (Dry Weight).....</b>	<b>&lt;3.5 dS/m</b>
<b>Minimum Stability of Mulch (Respiration Rate).....</b>	<b>&lt;1 mg CO<sub>2</sub>-C/g OM/Day (&lt;2 Very Stable)</b>

The final mulch shall be free of salt and foreign materials such as non-virgin wood waste (i.e. pallets), clods, course objects, rocks, weeds or weed seeds.

Mulch shall contain no herbicides, pesticides or insecticides. Mulch shall contain no toxic materials.

Before pneumatic blower truck mulch application, submit a copy of the material producer's Mulch Technical Data Sheet and a copy of the compost producer’s STA certification for the mulch. The Compost Technical Data Sheet must include laboratory analytical test results, directions for product use, and a list of product ingredients.

Mulch-Master PCRC Mulch meets all of the following specifications and standards:

1. Caltrans Specification 20-5.03E
2. Caltrans STA Standard
3. US Compost Council Mulch Specification
4. Meets CalRecycle SABRC material purchase annual requirement of the Public Contract Code Sections 12200-12217 for PCRC materials