



US COMPOSTING COUNCIL

Seal of Testing Assurance

Redwood Landfill Inc.

Alisha McCutcheon
P.O. Box 793
Novato
CA 94948

Date Sampled/Received: 27 Apr. 17 / 28 Apr. 17

Product Identification Compost 408
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COMPOST TECHNICAL DATA SHEET

LABORATORY: Soil Control Lab; 42 Hangar Way; Watsonville, CA 95076 tel: 831.724.5422 fax: 831.724.3188			
Compost Parameters	Reported as (units of measure)	Test Results	Test Results
Plant Nutrients:	%, weight basis	Not reported	Not reported
Moisture Content	%, wet weight basis	44.7	
Organic Matter Content	%, dry weight basis	49.4	
pH	units	8.42	
Soluble Salts <i>(electrical conductivity EC₃)</i>	dS/m (mmhos/cm)	4.6	
Particle Size or Sieve Size	maxium aggregate size, inches	0.64	
Stability Indicator (<i>respirometry</i>)		Stability Rating:	
CO ₂ Evolution	mg CO ₂ -C/g OM/day	2.6	Stable
	mg CO ₂ -C/g TS/day	1.3	
Maturity Indicator (bioassay)			
Percent Emergence	average % of control	93.3	
Relative Seedling Vigor	average % of control	110.4	
Select Pathogens	PASS/FAIL: per US EPA Class A standard, 40 CFR § 503.32(a)	Pass	Fecal coliform
		Pass	Salmonella
Trace Metals	PASS/FAIL: per US EPA Class A standard, 40 CFR § 503.13, Tables 1 and 3.	Pass	As, Cd, Cr, Cu, Pb, Hg Mo, Ni, Se, Zn

Participants in the US Composting Council's Seal of Testing Assurance Program have shown the commitment to test their compost products on a prescribed basis and provide this data, along with compost end use instructions, as a means to better serve the needs of their compost customers.

Laboratory Group: Apr17D Laboratory Number: 7040877-1/1

Analyst: Assaf Sadeh

www.compostlab.com



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Compost Parameters	Reported as (units of measure)	Test Results	Test Results
Plant Nutrients:	%, weight basis	%, wet weight basis	%, dry weight basis
Nitrogen	Total N	0.95	1.7
Phosphorus	P ₂ O ₅	0.39	0.68
Potassium	K ₂ O	0.67	1.2
Calcium	Ca	1.2	2.2
Magnesium	Mg	0.38	0.68
Moisture Content	%, wet weight basis	44.7	
Organic Matter Content	%, dry weight basis	49.4	
pH	units	8.42	
Soluble Salts <i>(electrical conductivity EC_s)</i>	dS/m (mmhos/cm)	4.6	
Particle Size or Sieve Size	% under 9.5 mm, dw basis	99.9	
Stability Indicator (<i>respirometry</i>)		Stability Rating:	
CO ₂ Evolution	mg CO ₂ -C/g OM/day	2.6	Stable
	mg CO ₂ -C/g TS/day	1.3	
Maturity Indicator (bioassay)			
Percent Emergence	average % of control	93.3	
Relative Seedling Vigor	average % of control	110.4	
Select Pathogens	PASS/FAIL: per US EPA Class A standard, 40 CFR § 503.32(a)	Pass	<i>Fecal coliform</i>
		Pass	<i>Salmonella</i>
Trace Metals	PASS/FAIL: per US EPA Class A standard, 40 CFR § 503.13, Tables 1 and 3.	Pass	<i>As, Cd, Cr, Cu, Pb, Hg</i>
			<i>Mo, Ni, Se, Zn</i>

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Laboratory Group:

Apr17D

Laboratory Number:

7040877-1/1

Analyst: Assaf Sadeh

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Caltrans

Redwood Landfill Inc.
Alisha McCutcheon
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Novato CA 94948

Product Identification:

408

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COMPOST TECHNICAL DATA SHEET for Caltrans

LABORATORY: Soil Control Lab, 42 Hangar Way, Watsonville, CA 95076 tel (831) 724-5422 fax (831) 724-3188 www.compostlab.com

<i>Compost Parameters</i>	<i>Test Results</i>	<i>Reported as (units of measure)</i>	<i>TMECC Test Method</i>
pH	8.42	Unitless	04.11-A 1:5 Slurry pH
Soluble Salts (electrical conductivity)	4.6	dS/m (mmhos/cm)	04.10-A 1:5 Slurry Method Mass Basis
Moisture content	44.7	%, wet weight basis	03.09-A - Total Solids and Moisture
Organic Matter Content	49.4	%, dry weight basis	05.07-A Loss-on-Ignition Organic Matter Method (LOI)
Maturity Indicator (bioassay) Percent Emergence	93.3	average % of control	05.05-A Germination and vigor
Relative Seedling Vigor	110.4	average % of control	
Stability Indicator	2.6	mg CO ₂ -C/g OM/day	05.08-B Carbon Dioxide Evolution Rate
Particle Size	99.9	%, dry weight passing through 9.5 mm	02.02-B Sample Sieving for Aggregate Size Classification
Pathogens	Pass	PASS/FAIL: Per US EPA Class A standard, 40 CFR 503.32(a)	07.01-B Fecal coliforms
Pathogens	Pass	PASS/FAIL: Per US EPA Class A standard, 40 CFR 503.32(a)	07.02 Samonella
Physical Contaminants	None Detected	%, dry weight basis	02.02-C - Man-Made Inerts Total content
Physical Contaminants	None Detected	%, dry weight basis	02.02-C - Man-Made Inerts Sharps content
Heavy Metals Content	Pass	PASS/FAIL: Per US EPA Class A 40 CFR 503.13, tables 1 and 3.	04.06-Heavy Metals standard, and Hazardous Elements

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For additional information pertaining to compost use, the specific compost parameters tested for within the Seal of Testing assurance Program, or the program in general, log on to the US Composting Council's TMECC web-site at <http://www.tmecc.org>.

This compost product has been sampled and tested as required by the Seal of Testing assurance Program on the United States Composting Council (USCC), using certain methods from the "Test Methods for the Examination of Compost and Composting" manual. Test results are available upon request by contacting the compost producer (address at top of page). The USCC makes no warranties regarding this product or its content, quality, or suitability for any particular use.

Laboratory Group: Apr17D Laboratory Number: 7040877-1/1

Analyst: Assaf Sadeh

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