

**US COMPOSTING
COUNCIL***Seal of Testing
Assurance***Redwood Landfill Inc.**

Alisha McCutcheon

P.O. Box 793

Novato

CA 94948

Date Sampled/Received: 16 Apr. 20 / 17 Apr. 20

Product Identification

Homegrown Compost 2042, 2043, 2044, 2046, 2059, 2060

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	36.1	
Organic Matter Content	%, dry weight basis	50.6	
pH	units	6.94	
Soluble Salts (electrical conductivity EC ₅)	dS/m (mmhos/cm)	3.7	
Particle Size or Sieve Size	maxium aggregate size, inches	0.38	
Stability Indicator (respirometry)		Stability Rating:	
CO ₂ Evolution	mg CO ₂ -C/g OM/day	6.6	Moderately Un-Stable
	mg CO ₂ -C/g TS/day	3.4	
Maturity Indicator (bioassay)			
Percent Emergence	average % of control	86.7	
Relative Seedling Vigor	average % of control	101.2	
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:

Apr20C

Laboratory Number:

40450-1/2

Analyst: Assaf Sadeh

www.controllabs.com

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<i>Compost Parameters</i>	<i>Reported as (units of measure)</i>	<i>Test Results</i>	<i>Test Results</i>
Plant Nutrients:	%, weight basis	%, wet weight basis	%, dry weight basis
Nitrogen	Total N	1.1	1.7
Phosphorus	P ₂ O ₅	0.45	0.70
Potassium	K ₂ O	0.73	1.1
Calcium	Ca	1.4	2.2
Magnesium	Mg	0.33	0.52
Moisture Content	%, wet weight basis	36.1	
Organic Matter Content	%, dry weight basis	50.6	
pH	units	6.94	
Soluble Salts (electrical conductivity EC ₅)	dS/m (mmhos/cm)	3.7	
Particle Size or Sieve Size	% under 9.5 mm, dw basis	100.0	
Stability Indicator (respirometry)		Stability Rating:	
CO ₂ Evolution	mg CO ₂ -C/g OM/day	6.6	Moderately Un-Stable
	mg CO ₂ -C/g TS/day	3.4	
Maturity Indicator (bioassay)			
Percent Emergence	average % of control	86.7	
Relative Seedling Vigor	average % of control	101.2	
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

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Laboratory Group:

Apr20C

Laboratory Number:

40450-1/2

Analyst: Assaf Sadeh

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**US COMPOSTING
COUNCIL**

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Assurance*

Caltrans

Redwood Landfill Inc.

Alisha McCutcheon

P.O. Box 793

Novato CA 94948

Product Identification:

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Date Sampled/Received: 16 Apr. 20 / 17 Apr. 20

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.controllabs.com

<i>Compost Parameters</i>	<i>Test Results</i>	<i>Reported as (units of measure)</i>	<i>TMECC Test Method</i>
pH	6.94	Unitless	04.11-A 1:5 Slurry pH
Soluble Salts (electrical conductivity)	3.7	dS/m (mmhos/cm)	04.10-A 1:5 Slurry Method Mass Basis
Moisture content	36.1	%, wet weight basis	03.09-A - Total Solids and Moisture
Organic Matter Content	50.6	%, dry weight basis	05.07-A Loss-on-Ignition Organic Matter Method (LOI)
Maturity Indicator (bioassay) Percent Emergence Relative Seedling Vigor	86.7 101.2	average % of control average % of control	05.05-A Germination and vigor
Stability Indicator	6.6	mg CO ₂ -C/g OM/day	05.08-B Carbon Dioxide Evolution Rate
Particle Size	100.0	%, 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 Salmonella
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: Apr20C

Laboratory Number: 40450-1/2

Analyst: Assaf Sadeh

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