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**Client:** Inland Empire Regional  
Composting Authority  
Attn: Jeff Ziegenbein  
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Date Sampled: 7/18/2017  
Date Received: 7/25/2017

### COMPOST ANALYTICAL DATA SHEET

Product Description: July Compost				
Sample ID: B5358				
Compost Parameters	Reported as	Test Results		Method
Plant Nutrients:	% Weight Basis, mg/kg	% WWB	% DWB	
Nitrogen	Total N	1.60	3.40	Calculation
Phosphorus	P <sub>2</sub> O <sub>5</sub>	1.70	3.70	TMECC 04.03-A
Potassium (Potash)	K <sub>2</sub> O	0.18	0.39	TMECC 04.04-A
Calcium	Ca	0.91	1.90	TMECC 04.05-Ca
Magnesium	Mg	0.15	0.33	TMECC 04.05-Mg
Moisture Content	% wet weight basis	53.9		TMECC 03.09-A
Dry Matter Content	% wet weight basis	46.1		TMECC 03.09-A
Organic Matter Content	% dry weight basis	68.5		TMECC 05.07-A
pH	units (at 26°C)	8.3		TMECC 04.11-A
Soluble Salts (electrical conductivity EC <sub>5</sub> )	dS/m (mmhos/cm)	7.7		TMECC 04.10-A
Particle Size or Sieve Size	% under 9.5 mm, dw basis	47		TMECC 02.02-B
Stability Indicator (respirometry)				TMECC 05.08-B
CO <sub>2</sub> Evolution	mg CO <sub>2</sub> -C/g OM/day	0.01		STABLE
	mg CO <sub>2</sub> -C/g TS/day	0.02		
Maturity Indicator (bioassay)				
Percent Emergence	average % control	100		TMECC 05.05-A
Relative Seedling Vigor	average % control	92.9		
Trace Metals (Pass/Fail per USEPA Class A standard, 40 CFR 503.13 Tables 1 and 3)				PASS/FAIL
As	mg/kg, dry wt basis	0.82		Pass
Cd		11.0		
Cu		222.9		
Hg		0.4		
Mo		10.6		
Pb		18.49		
Ni		18.49		
Se		7.4		
Zn		446.6		

Select Pathogens	PASS/FAIL: per US EPA Class A standard, 40 CFR 503.32(a) Limits (mg/kg dw basis) Salmonella <3 MPN/4g of TS or Coliform Bacteria <1000 MPN/gram of TS	Organism	Presence or Absence	PASS/FAIL	
		Fecal Coliform	Absence	Pass	TMECC 04.06

Reviewed By:

Laboratory Manager

Date Report Created: 8/25/2017  
Date Report Sent/Emailed: 8/30/17

WDNR Laboratory ID No. 471183460  
WDATCP Lab Certification No. 105-445  
EPA ID No. WI01087  
STA Lab No. 69