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Memo

To: _____
From: Katharine Hinson, President/Science, SymSoil, Inc
CC: Elizabeth Pearce, CEO SymSoil
Date: December 7, 2018
Re: Heavy Metals and SymSoil™ Robust Compost Batch One

PROPRIETARY AND CONFIDENTIAL INFORMATION

At the end of this memo is full text of § 17868.2. Maximum Metal Concentrations, Section 14, California's Code of Regulation regarding acceptable heavy metal concentrations. Bottom line is that Batch One of SymSoil™ Robust Compost has almost no heavy metals.

Below is a table which details each element, and contrasts this with in contrast California's Maximum Allowable levels.

The trace amounts average less than 5% of legal allowable limit, and are believed to have originated with the OMRI certified Jepson Prairie used in the manufacturing of SymSoil™ Batch One.

	SymSoil™ Batch One	Maximum Allowable
	Parts/Million (mg/kg) Concentration on a Dry Weight Basis	
Arsenic (As)	5.5	41
Cadmium (Cd)	<1.0	39
Chromium (Cr)	27	No Limit
Copper (Cu)	55	1,500
Lead (Pb)	44	300
Mercury (Hg)	<1.0	17
Nickel (Ni)	26	420
Selenium (Se)	<1.0	100
Zinc (Zn)	200	2,800

Pages 2 & 3 are independent soil chemistry report from Soil Control Labs, which detail the three tests they performed for metals. Pages 4 & 5 include the statute from the State regarding these metals .