A & L WESTERN AGRICULTURAL LABORATORIES

1311 WOODLAND AVE #1 • MODESTO, CALIFORNIA 95351 • (209) 529-4080 • FAX (209) 529-4736

REPORT NUMBER: 19-295-012 **CLIENT NO:** 5441-D

SEND TO: TERRA RENEWAL DBA DENALI WATER
3031 FRANKLIN AVE
RIVERSIDE, CA 92507

SUBMITTED BY:

CUSTOMER: MERCED

LAB NO: 20442 **DATE:** 10/31/2019

ORGANIC FERTILIZER REPORT

SAMPLE ID	REPORT OF ANALYSIS IN PERCENT									REPORT OF ANALYSIS IN PARTS PER MILLION						
	Nitrogen N	Phosphorus P	Phosphate P_2O_5	Potassium K	Potash K_2O	Sulfur S	Magnesium Mg	Calcium Ca	Sodium Na	Iron Fe	Aluminum Al	Manganese Mn	Copper Cu	Zinc Zn	B	
SANTA CRUZ	4.96	2.51	5.75	0.090	0.108	1.840	0.300	3.810	0.120	25030	18850	978	416	1216	10.0	

SAMPLE ID	POUNDS OF NUTRIENTS / TON															
	Nitrogen N	Phosphorus P	Phosphate P_2O_5	Potassium K	Potash K_2O	Sulfur S	Magnesium Mg	Calcium Ca	Sodium Na	Iron Fe	Aluminum Al	Manganese Mn	Copper Cu	Zinc Zn	B	
SANTA CRUZ	99.2	50.2	115.0	1.8	2.2	36.8	6.0	76.2	2.4	50.1	37.7	2.0	0.8	2.4	<0.1	

☐ **Reported on an as-received basis** **Moisture =**

☒ **Reported on a dry basis** **Moisture =** 77.11%

Remarks: To convert to pounds of nutrients/ton as received, multiply pounds of nutrients/ton as reported by (100 - moisture %)/100.

pH = 7.3
C:N Ratio = 7:1
Soluble Salts = 7.2 dS/m
Organic Matter = 65.43 %
Ammonia Nitrogen = 0.276 %
Nitrate Nitrogen = <0.003 %
Chloride = 0.19 %
Organic Nitrogen = 4.68 %
Volatile Solids = 65.43 %

Our reports and letters are for the exclusive and confidential use of our clients, and may not be reproduced in whole or in part, nor may any reference be made to the work, the result or the company in any advertising, news release, or other public announcements without obtaining our prior written authorization.

This report applies only to the sample(s) tested. Samples are retained a maximum of thirty days after testing.

Robert Butterfield
A & L WESTERN LABORATORIES, INC.