# A & L WESTERN AGRICULTURAL LABORATORIES

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

**REPORT NUMBER:** 19-179-072 **CLIENT NO:** 5441-D

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

**SUBMITTED BY:**

**CUSTOMER:** MERCED

**LAB NO:** 26592 **DATE:** 07/12/2019

## 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 | |
| SAN MATEO | 5.33 | 2.29 | 5.25 | 0.130 | 0.157 | 1.290 | 0.770 | 2.220 | 0.130 | 33670 | 6084 | 563 | 320 | 979 | 5.0 | |

| 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 | |
| SAN MATEO | 106.6 | 45.8 | 104.9 | 2.6 | 3.1 | 25.8 | 15.4 | 44.4 | 2.6 | 67.3 | 12.2 | 1.1 | 0.6 | 2.0 | <0.1 | |

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

☒ **Reported on a dry basis** **Moisture =** 78.37%

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

pH = 8.6
C:N Ratio = 7:1
Soluble Salts = 2.0 dS/m
Organic Matter = 66.84 %
Ammonia Nitrogen = 0.292 %
Nitrate Nitrogen = <.003 %
Chloride = 0.52 %
Organic Nitrogen = 5.04 %
Volatile Solids = 66.84 %

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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.**