

# BROOKSIDE LABORATORIES, INC.

## SATURATED SOIL ANALYSIS

Los Robles Greens Golf Course  
299 South Moorpark Road  
91361

File Number: 80417  
Date Received: 10/4/2021  
Date Reported: 10/6/2021

Submitted By: Soil and Water Consulting

|                               |         |       |       |         |       |       |  |
|-------------------------------|---------|-------|-------|---------|-------|-------|--|
| Lab Number                    | 0038    |       |       | 0039    |       |       |  |
| Description                   | FAIRWAY |       |       | FAIRWAY |       |       |  |
|                               | 9       |       |       | 17      |       |       |  |
| pH                            | 8.2     |       |       | 8.3     |       |       |  |
|                               | (ppm)   | meq/l | %     | (ppm)   | meq/l | %     |  |
| Soluble Salts *               | 2157    |       |       | 917     |       |       |  |
| Chloride                      | 667     |       |       | 243     |       |       |  |
| Nitrate (NO <sub>3</sub> -N)  | < 0.5   |       |       | 6.8     |       |       |  |
| Bicarbonate                   | 190.13  |       |       | 142.88  |       |       |  |
| Sulfur                        | 348.79  |       |       | 83.15   |       |       |  |
| Phosphorus                    | 2.28    |       |       | 1.34    |       |       |  |
| Calcium                       | 283.29  | 14.14 | 31.17 | 75.58   | 3.77  | 24.95 |  |
| Magnesium                     | 168.65  | 13.87 | 30.58 | 36.12   | 2.97  | 19.66 |  |
| Potassium                     | 66.76   | 1.71  | 3.76  | 71.38   | 1.83  | 12.08 |  |
| Sodium                        | 359.81  | 15.64 | 34.49 | 150.55  | 6.55  | 43.31 |  |
| TOTAL                         |         | 45.36 | 100   |         | 15.11 | 100   |  |
| Boron                         | 0.57    |       |       | 0.49    |       |       |  |
| Iron                          | 0.60    |       |       | 1.20    |       |       |  |
| Manganese                     | 0.26    |       |       | 0.06    |       |       |  |
| Copper                        | 0.04    |       |       | 0.07    |       |       |  |
| Zinc                          | 0.03    |       |       | 0.03    |       |       |  |
| Aluminum                      | 0.50    |       |       | 1.34    |       |       |  |
| Ammonium (NH <sub>4</sub> -N) | 5.3     |       |       | 2.8     |       |       |  |
| ESP (calculated)              | 4.68    |       |       | 3.84    |       |       |  |
| SAR (calculated)              | 4.18    |       |       | 3.57    |       |       |  |

\* Soluble Salts: mmhos/cm = ppm / 640

# BROOKSIDE LABORATORIES, INC.

## SATURATED SOIL ANALYSIS

Los Robles Greens Golf Course  
299 South Moorpark Road  
91361

File Number: 80417  
Date Received: 10/4/2021  
Date Reported: 10/6/2021

Submitted By: Soil and Water Consulting

|                               |       |       |       |        |       |       |  |
|-------------------------------|-------|-------|-------|--------|-------|-------|--|
| Lab Number                    | 0040  |       |       | 0041   |       |       |  |
| Description                   | GREEN |       |       | GREEN  |       |       |  |
|                               | 3     |       |       | 14     |       |       |  |
| pH                            | 8.1   |       |       | 8.1    |       |       |  |
|                               | (ppm) | meq/l | %     | (ppm)  | meq/l | %     |  |
| Soluble Salts *               | 271   |       |       | 245    |       |       |  |
| Chloride                      | 40    |       |       | 35     |       |       |  |
| Nitrate (NO <sub>3</sub> -N)  | 1.0   |       |       | 3.5    |       |       |  |
| Bicarbonate                   | 65.16 |       |       | 131.96 |       |       |  |
| Sulfur                        | 17.36 |       |       | 16.27  |       |       |  |
| Phosphorus                    | 2.85  |       |       | 3.02   |       |       |  |
| Calcium                       | 18.79 | 0.94  | 27.50 | 23.36  | 1.17  | 30.28 |  |
| Magnesium                     | 5.44  | 0.45  | 13.12 | 6.55   | 0.54  | 13.99 |  |
| Potassium                     | 12.84 | 0.33  | 9.63  | 9.22   | 0.24  | 6.12  |  |
| Sodium                        | 39.01 | 1.70  | 49.74 | 43.93  | 1.91  | 49.61 |  |
| TOTAL                         |       | 3.41  | 100   |        | 3.85  | 100   |  |
| Boron                         | 0.13  |       |       | 0.13   |       |       |  |
| Iron                          | 1.31  |       |       | 1.59   |       |       |  |
| Manganese                     | 0.04  |       |       | 0.07   |       |       |  |
| Copper                        | 0.03  |       |       | 0.04   |       |       |  |
| Zinc                          | 0.02  |       |       | 0.03   |       |       |  |
| Aluminum                      | 1.37  |       |       | 1.89   |       |       |  |
| Ammonium (NH <sub>4</sub> -N) | < 0.5 |       |       | < 0.5  |       |       |  |
| ESP (calculated)              | 1.72  |       |       | 1.76   |       |       |  |
| SAR (calculated)              | 2.04  |       |       | 2.07   |       |       |  |

\* Soluble Salts: mmhos/cm = ppm / 640

# BROOKSIDE LABORATORIES, INC.

## SATURATED SOIL ANALYSIS

Los Robles Greens Golf Course  
299 South Moorpark Road  
91361

File Number: 80417  
Date Received: 10/4/2021  
Date Reported: 10/6/2021

Submitted By: Soil and Water Consulting

---

|             |       |
|-------------|-------|
| Lab Number  | 0042  |
| Description | GREEN |
|             | 17    |

---

|    |     |
|----|-----|
| pH | 8.1 |
|----|-----|

---

|                              | (ppm) | meq/l | % | (ppm) | meq/l | % |
|------------------------------|-------|-------|---|-------|-------|---|
| Soluble Salts *              | 216   |       |   |       |       |   |
| Chloride                     | 25    |       |   |       |       |   |
| Nitrate (NO <sub>3</sub> -N) | 3.6   |       |   |       |       |   |
| Bicarbonate                  | 60.57 |       |   |       |       |   |

---

|            |       |      |       |  |  |  |
|------------|-------|------|-------|--|--|--|
| Sulfur     | 11.90 |      |       |  |  |  |
| Phosphorus | 2.24  |      |       |  |  |  |
| Calcium    | 18.20 | 0.91 | 30.27 |  |  |  |
| Magnesium  | 4.93  | 0.41 | 13.51 |  |  |  |
| Potassium  | 6.73  | 0.17 | 5.74  |  |  |  |
| Sodium     | 34.85 | 1.52 | 50.49 |  |  |  |
| TOTAL      |       | 3.00 | 100   |  |  |  |

---

|                               |      |  |  |  |  |  |
|-------------------------------|------|--|--|--|--|--|
| Boron                         | 0.11 |  |  |  |  |  |
| Iron                          | 1.18 |  |  |  |  |  |
| Manganese                     | 0.05 |  |  |  |  |  |
| Copper                        | 0.03 |  |  |  |  |  |
| Zinc                          | 0.03 |  |  |  |  |  |
| Aluminum                      | 1.48 |  |  |  |  |  |
| Ammonium (NH <sub>4</sub> -N) | 0.5  |  |  |  |  |  |

---

|                  |      |
|------------------|------|
| ESP (calculated) | 1.48 |
| SAR (calculated) | 1.87 |

---

\* Soluble Salts: mmhos/cm = ppm / 640