

# BROOKSIDE LABORATORIES, INC.

## SATURATED SOIL ANALYSIS

Western Golf Properties  
1 Spectrum Pointe Dr #310  
Lake Forest, CA 92630

File Number: 80046  
Date Received: 6/16/2022  
Date Reported: 6/20/2022

Submitted By: Soil and Water Consulting

|                  |                   |       |       |                   |       |       |  |
|------------------|-------------------|-------|-------|-------------------|-------|-------|--|
| Lab Number       | 0001              |       |       | 0002              |       |       |  |
| Description      | YUCAIPA VALLEY GC |       |       | YUCAIPA VALLEY GC |       |       |  |
|                  | TEE               |       |       | FAIRWAY           |       |       |  |
|                  | 6                 |       |       | 6                 |       |       |  |
| pH               | 7.5               |       |       | 8.0               |       |       |  |
|                  | (ppm)             | meq/l | %     | (ppm)             | meq/l | %     |  |
| Soluble Salts *  | 243               |       |       | 648               |       |       |  |
| Chloride         | 41                |       |       | 86                |       |       |  |
| Nitrate (NO3-N)  | < 0.5             |       |       | < 0.5             |       |       |  |
| Bicarbonate      | 47.71             |       |       | 115.14            |       |       |  |
| Sulfur           | 26.60             |       |       | 105.22            |       |       |  |
| Phosphorus       | 1.47              |       |       | 0.35              |       |       |  |
| Calcium          | 16.71             | 0.83  | 19.24 | 51.76             | 2.58  | 22.47 |  |
| Magnesium        | 6.26              | 0.52  | 11.89 | 16.30             | 1.34  | 11.66 |  |
| Potassium        | 10.40             | 0.27  | 6.14  | 5.25              | 0.13  | 1.17  |  |
| Sodium           | 62.52             | 2.72  | 62.73 | 171.10            | 7.44  | 64.71 |  |
| TOTAL            |                   | 4.33  | 100   |                   | 11.50 | 100   |  |
| Boron            | 0.23              |       |       | 0.31              |       |       |  |
| Iron             | 7.76              |       |       | 1.40              |       |       |  |
| Manganese        | 0.14              |       |       | 0.12              |       |       |  |
| Copper           | 0.10              |       |       | 0.07              |       |       |  |
| Zinc             | 0.04              |       |       | 0.02              |       |       |  |
| Aluminum         | 8.20              |       |       | 1.40              |       |       |  |
| Ammonium (NH4-N) | < 0.5             |       |       | < 0.5             |       |       |  |
| ESP (calculated) | 3.50              |       |       | 6.17              |       |       |  |
| SAR (calculated) | 3.31              |       |       | 5.31              |       |       |  |

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

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|------------------|-------------------|-------|-------|-------------------|-------|-------|--|
| Lab Number       | 0003              |       |       | 0004              |       |       |  |
| Description      | YUCAIPA VALLEY GC |       |       | YUCAIPA VALLEY GC |       |       |  |
|                  | GREEN             |       |       | GREEN             |       |       |  |
|                  | 6                 |       |       | 8                 |       |       |  |
| pH               | 7.6               |       |       | 7.5               |       |       |  |
|                  | (ppm)             | meq/l | %     | (ppm)             | meq/l | %     |  |
| Soluble Salts *  | 503               |       |       | 673               |       |       |  |
| Chloride         | 68                |       |       | 87                |       |       |  |
| Nitrate (NO3-N)  | 4.8               |       |       | 3.1               |       |       |  |
| Bicarbonate      | 34.53             |       |       | 42.13             |       |       |  |
| Sulfur           | 92.42             |       |       | 127.60            |       |       |  |
| Phosphorus       | 1.02              |       |       | 0.94              |       |       |  |
| Calcium          | 52.74             | 2.63  | 30.47 | 75.11             | 3.75  | 32.23 |  |
| Magnesium        | 11.38             | 0.94  | 10.83 | 16.95             | 1.39  | 11.99 |  |
| Potassium        | 33.72             | 0.86  | 9.98  | 44.18             | 1.13  | 9.72  |  |
| Sodium           | 96.78             | 4.21  | 48.71 | 123.20            | 5.36  | 46.06 |  |
| TOTAL            |                   | 8.64  | 100   |                   | 11.63 | 100   |  |
| Boron            | 0.37              |       |       | 0.50              |       |       |  |
| Iron             | 0.80              |       |       | 0.65              |       |       |  |
| Manganese        | 0.06              |       |       | 0.07              |       |       |  |
| Copper           | 0.04              |       |       | 0.04              |       |       |  |
| Zinc             | 0.02              |       |       | 0.02              |       |       |  |
| Aluminum         | 0.87              |       |       | 0.78              |       |       |  |
| Ammonium (NH4-N) | < 0.5             |       |       | < 0.5             |       |       |  |
| ESP (calculated) | 3.28              |       |       | 3.54              |       |       |  |
| SAR (calculated) | 3.15              |       |       | 3.34              |       |       |  |

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