

# BROOKSIDE LABORATORIES, INC.

## \*\* WATER ANALYSIS REPORT \*\*

Tucson Country Club  
2950 N. Camino Principal  
Tucson, AZ 85715

File Number: 34998  
Date Received: 7/10/2024  
Date Reported: 7/11/2024

Submitted By: Soil and Water Consulting

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| Lab Number         | 1656             |
| Sample Location    | IRRIGATION WATER |
| Sample Description | HOLE #3          |

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|---------------------------------|-------|
| pH                              | 7.57  |
| Hardness (ppm)                  | 67.97 |
| Hardness (grains/gal)           | 3.97  |
| Conductivity (mmhos/cm)         | 0.31  |
| Sodium Adsorp. Ratio            | 1.69  |
| Adjusted SAR                    | 2.18  |
| Adjusted RNa                    | 1.60  |
| pHc                             | 8.11  |
| Residual Sodium Carbonate (RSC) | 0.62  |

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|                    |         | (ppm)  | meq/l | lbs/ac in |
|--------------------|---------|--------|-------|-----------|
| Calcium            | (Ca)    | 23.97  | 1.20  | 5.44      |
| Magnesium          | (Mg)    | 1.92   | 0.16  | 0.43      |
| Potassium          | (K)     | 3.20   | 0.08  | 0.73      |
| Sodium             | (Na)    | 31.98  | 1.39  | 7.25      |
| Iron               | (Fe)    | 0.12   |       | 0.03      |
| Total Alkalinity   | (CaCO3) | 98.53  |       | 22.35     |
| Carbonate          | (CO3)   | 0.00   |       |           |
| Bicarbonate        | (HCO3)  | 120.23 | 1.97  | 27.27     |
| Hydroxide          | (OH)    | 0.00   |       |           |
| Chloride           | (Cl)    | 19.57  | 0.55  | 4.44      |
| Sulfur as          | (S04)   | 22.54  | 0.47  | 5.11      |
| Salt Concentration | (TDS)   | 197.12 |       | 44.71     |
| Boron              | (B)     | < 0.05 |       |           |

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| Cation/Anion Ratio | 0.94 |
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Reviewed by: \_\_\_\_\_