

# BROOKSIDE LABORATORIES, INC.

## \*\* WATER ANALYSIS

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

File Number: 34998  
Date Received: 09/22/2025  
Date Reported: 09/23/2025

Submitted By: Soil and Water Consulting

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|--------------------|------------------|
| Lab Number         | 2307             |
| Sample Location    | TUCSON CC        |
| Sample Description | IRRIGATION WATER |
|                    | HOLE #7          |

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|                                 |       |
|---------------------------------|-------|
| pH                              | 6.82  |
| Hardness (ppm)                  | 54.50 |
| Hardness (grains/gal)           | 3.19  |
| Conductivity (mmhos/cm)         | 0.43  |
| Sodium Adsorp. Ratio            | 3.99  |
| Adjusted SAR                    | 5.27  |
| Adjusted RNa                    | 3.60  |
| pHc                             | 8.08  |
| Residual Sodium Carbonate (RSC) | 0.75  |

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|                                       | (ppm)  | meq/l | lbs/ac in |
|---------------------------------------|--------|-------|-----------|
| Calcium (Ca)                          | 19.48  | 0.97  | 4.42      |
| Magnesium (Mg)                        | 1.38   | 0.11  | 0.31      |
| Potassium (K)                         | < 0.60 |       |           |
| Sodium (Na)                           | 67.54  | 2.94  | 15.32     |
| Iron (Fe)                             | < 0.10 |       |           |
| Total Alkalinity (CaCO <sub>3</sub> ) | 95.18  |       | 21.59     |
| Carbonate (CO <sub>3</sub> )          | 0.00   |       |           |
| Bicarbonate (HCO <sub>3</sub> )       | 112.21 | 1.84  | 25.45     |
| Hydroxide (OH)                        | 0.00   |       |           |
| Chloride (Cl)                         | 45.96  | 1.30  | 10.42     |
| Sulfur as (SO <sub>4</sub> )          | 35.43  | 0.74  | 8.04      |
| Salt Concentration (TDS)              | 276.48 |       | 62.71     |
| Boron (B)                             | < 0.05 |       |           |

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|                |         |
|----------------|---------|
| Manganese (Mn) | < 0.020 |
| Copper (Cu)    | < 0.020 |
| Zinc (Zn)      | < 0.040 |
| Aluminum (Al)  | < 0.200 |

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|                          |        |
|--------------------------|--------|
| NO <sub>3</sub> -N (ppm) | < 0.10 |
| Total P (ppm)            | < 0.20 |

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Reviewed by:

