

# BROOKSIDE LABORATORIES, INC.

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

Porter Valley Country Club  
19216 Singing Hills Drive  
Northridge, CA 91326

File Number: 91413  
Date Received: 2/20/2024  
Date Reported: 2/21/2024

Submitted By: Soil and Water Consulting

|                    |                  |
|--------------------|------------------|
| Lab Number         | 0267             |
| Sample Location    | IRRIGATION WATER |
| Sample Description | SHOP             |

|                                 |       |
|---------------------------------|-------|
| pH                              | 7.60  |
| Hardness (ppm)                  | 99.27 |
| Hardness (grains/gal)           | 5.81  |
| Conductivity (mmhos/cm)         | 0.39  |
| Sodium Adsorp. Ratio            | 1.92  |
| Adjusted SAR                    | 2.82  |
| Adjusted RNa                    | 2.00  |
| pHc                             | 7.94  |
| Residual Sodium Carbonate (RSC) | 0.57  |

|                          |        | (ppm) | meq/l | lbs/ac in |
|--------------------------|--------|-------|-------|-----------|
| Calcium (Ca)             | 28.92  | 1.44  | 6.56  |           |
| Magnesium (Mg)           | 6.53   | 0.54  | 1.48  |           |
| Potassium (K)            | 4.89   | 0.13  | 1.11  |           |
| Sodium (Na)              | 43.99  | 1.91  | 9.98  |           |
| Iron (Fe)                | < 0.10 |       |       |           |
| Total Alkalinity (CaCO3) | 127.53 |       | 28.92 |           |
| Carbonate (CO3)          | 0.00   |       |       |           |
| Bicarbonate (HCO3)       | 155.61 | 2.55  | 35.29 |           |
| Hydroxide (OH)           | 0.00   |       |       |           |
| Chloride (Cl)            | 29.45  | 0.83  | 6.68  |           |
| Sulfur as (S04)          | 43.38  | 0.90  | 9.84  |           |
| Salt Concentration (TDS) | 251.01 |       | 56.93 |           |
| Boron (B)                | 0.50   |       | 0.11  |           |

|                |         |       |
|----------------|---------|-------|
| Manganese (Mn) | < 0.020 |       |
| Copper (Cu)    | 0.051   | 0.012 |
| Zinc (Zn)      | < 0.040 |       |
| Aluminum (Al)  | < 0.200 |       |

|                    |      |
|--------------------|------|
| Cation/Anion Ratio | 0.94 |
|--------------------|------|

|               |        |
|---------------|--------|
| NO3-N (ppm)   | 0.11   |
| Total P (ppm) | < 0.20 |

Reviewed by: \_\_\_\_\_