

# BROOKSIDE LABORATORIES, INC.

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

Diamante Cabo San Lucas  
Diamante Blvd., 23473  
Cabo San Lucas, BCS

File Number: 88340  
Date Received: 8/16/2022  
Date Reported: 8/17/2022

Submitted By: Soil and Water Consulting

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|--------------------|-------------------------|
| Lab Number         | 1770                    |
| Sample Location    | IRRIGATION WATER        |
| Sample Description | EL CARDONAL<br>HOLE #10 |

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|---------------------------------|--------|
| pH                              | 7.28   |
| Hardness (ppm)                  | 105.86 |
| Hardness (grains/gal)           | 6.19   |
| Conductivity (mmhos/cm)         | 1.49   |
| Sodium Adsorp. Ratio            | 10.39  |
| Adjusted SAR                    | 13.98  |
| Adjusted RNa                    | 10.98  |
| pHc                             | 8.05   |
| Residual Sodium Carbonate (RSC) | 0.52   |

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|                    |                      | (ppm)  | meq/l | lbs/ac in |
|--------------------|----------------------|--------|-------|-----------|
| Calcium            | (Ca)                 | 27.39  | 1.37  | 6.21      |
| Magnesium          | (Mg)                 | 9.06   | 0.74  | 2.05      |
| Potassium          | (K)                  | 31.06  | 0.79  | 7.04      |
| Sodium             | (Na)                 | 245.60 | 10.68 | 55.70     |
| Iron               | (Fe)                 | < 0.10 |       |           |
| Total Alkalinity   | (CaCO <sub>3</sub> ) | 131.67 |       | 29.86     |
| Carbonate          | (CO <sub>3</sub> )   | 0.00   |       |           |
| Bicarbonate        | (HCO <sub>3</sub> )  | 160.66 | 2.63  | 36.44     |
| Hydroxide          | (OH)                 | 0.00   |       |           |
| Chloride           | (Cl)                 | 299.40 | 8.44  | 67.90     |
| Sulfur as          | (S04)                | 109.50 | 2.28  | 24.83     |
| Salt Concentration | (TDS)                | 952.45 |       | 216.02    |
| Boron              | (B)                  | 1.23   |       | 0.28      |

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

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|                    |      |
|--------------------|------|
| Cation/Anion Ratio | 1.01 |
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|--------------------------|-------|
| NO <sub>3</sub> -N (ppm) | 5.57  |
| Total P (ppm)            | 13.06 |

Reviewed by:

