

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

El Dorado Golf and Beach Club
23410 San Jose del Cabo
BCS, MEX

File Number: 87790
Date Received: 9/26/2022
Date Reported: 9/27/2022

Submitted By: Soil and Water Consulting

| | |
|--------------------|------------------|
| Lab Number | 2178 |
| Sample Location | IRRIGATION WATER |
| Sample Description | HOLE #18 |

| | | |
|---------------------------------|--------------|--------|
| pH | | 7.41 |
| Hardness | (ppm) | 133.42 |
| Hardness | (grains/gal) | 7.80 |
| Conductivity | (mmhos/cm) | 0.87 |
| Sodium Adsorp. Ratio | | 4.72 |
| Adjusted SAR | | 7.58 |
| Adjusted RNa | | 5.33 |
| pHc | | 7.79 |
| Residual Sodium Carbonate (RSC) | | 0.48 |

| | | (ppm) | meq/l | lbs/ac in |
|--------------------|---------|---------|-------|-----------|
| Calcium | (Ca) | 37.24 | 1.86 | 8.45 |
| Magnesium | (Mg) | 9.78 | 0.80 | 2.22 |
| Potassium | (K) | 15.32 | 0.39 | 3.47 |
| Sodium | (Na) | 125.30 | 5.45 | 28.42 |
| Iron | (Fe) | < 0.10 | | |
| Total Alkalinity | (CaCO3) | 157.32 | | 35.68 |
| Carbonate | (CO3) | 0.00 | | |
| Bicarbonate | (HCO3) | 191.96 | 3.15 | 43.54 |
| Hydroxide | (OH) | 0.00 | | |
| Chloride | (Cl) | 148.25 | 4.18 | 33.62 |
| Sulfur as | (S04) | 64.44 | 1.34 | 14.61 |
| Salt Concentration | (TDS) | 554.69 | | 125.80 |
| Boron | (B) | 0.30 | | 0.07 |
| Manganese | (Mn) | < 0.020 | | |
| Copper | (Cu) | < 0.020 | | |
| Zinc | (Zn) | < 0.040 | | |
| Aluminum | (Al) | < 0.200 | | |

Cation/Anion Ratio 0.98

| | |
|---------------|------|
| NO3-N (ppm) | 1.90 |
| Total P (ppm) | 5.57 |

Reviewed by:

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

El Dorado Golf and Beach Club
23410 San Jose del Cabo
BCS, MEX

File Number: 87790
Date Received: 9/26/2022
Date Reported: 9/27/2022

Submitted By: Soil and Water Consulting

| | |
|--------------------|-----------|
| Lab Number | 2179 |
| Sample Location | CABO RAIN |
| Sample Description | WATER |

| | | |
|---------------------------------|--------------|-------|
| pH | | 6.79 |
| Hardness | (ppm) | 6.85 |
| Hardness | (grains/gal) | 0.40 |
| Conductivity | (mmhos/cm) | 0.02 |
| Sodium Adsorp. Ratio | | 0.35 |
| Adjusted SAR | | 0.00 |
| Adjusted RNa | | 0.12 |
| pHc | | 10.01 |
| Residual Sodium Carbonate (RSC) | | 0.07 |

| | | (ppm) | meq/l | lbs/ac in |
|--------------------|---------|---------|-------|-----------|
| Calcium | (Ca) | 2.06 | 0.10 | 0.47 |
| Magnesium | (Mg) | 0.37 | 0.03 | 0.08 |
| Potassium | (K) | < 0.60 | | |
| Sodium | (Na) | 2.05 | 0.09 | 0.47 |
| Iron | (Fe) | < 0.10 | | |
| Total Alkalinity | (CaCO3) | 10.26 | | 2.33 |
| Carbonate | (CO3) | 0.00 | | |
| Bicarbonate | (HCO3) | 12.52 | 0.21 | 2.84 |
| Hydroxide | (OH) | 0.00 | | |
| Chloride | (Cl) | < 2.00 | | |
| Sulfur as | (S04) | 0.84 | 0.02 | 0.19 |
| Salt Concentration | (TDS) | 14.66 | | 3.32 |
| Boron | (B) | < 0.05 | | |
| Manganese | (Mn) | < 0.020 | | |
| Copper | (Cu) | < 0.020 | | |
| Zinc | (Zn) | 0.043 | | 0.010 |
| Aluminum | (Al) | < 0.200 | | |
| Cation/Anion Ratio | | | 0.98 | |
| NO3-N (ppm) | | < 0.10 | | |
| Total P (ppm) | | < 0.20 | | |

Reviewed by: 