

# BROOKSIDE LABORATORIES, INC.

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

The Summit  
Las Vegas, NV

File Number: 73668  
Date Received: 3/30/2021  
Date Reported: 3/31/2021

Submitted By: Soil and Water Consulting

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|--------------------|------------------|
| Lab Number         | 0604             |
| Sample Location    | IRRIGATION WATER |
| Sample Description | HOLE #9          |

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|---------------------------------|--------|
| pH                              | 8.18   |
| Hardness (ppm)                  | 257.19 |
| Hardness (grains/gal)           | 15.04  |
| Conductivity (mmhos/cm)         | 0.83   |
| Sodium Adsorp. Ratio            | 2.29   |
| Adjusted SAR                    | 3.94   |
| Adjusted RNa                    | 2.44   |
| pHc                             | 7.68   |
| Residual Sodium Carbonate (RSC) | -2.57  |

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|                    |                      | (ppm)  | meq/l | lbs/ac in |
|--------------------|----------------------|--------|-------|-----------|
| Calcium            | (Ca)                 | 59.31  | 2.96  | 13.45     |
| Magnesium          | (Mg)                 | 26.46  | 2.18  | 6.00      |
| Potassium          | (K)                  | 4.69   | 0.12  | 1.06      |
| Sodium             | (Na)                 | 84.47  | 3.67  | 19.16     |
| Iron               | (Fe)                 | < 0.10 |       |           |
| Total Alkalinity   | (CaCO <sub>3</sub> ) | 128.12 |       | 29.06     |
| Carbonate          | (CO <sub>3</sub> )   | 15.45  | 0.51  | 3.50      |
| Bicarbonate        | (HCO <sub>3</sub> )  | 124.92 | 2.05  | 28.33     |
| Hydroxide          | (OH)                 | 0.00   |       |           |
| Chloride           | (Cl)                 | 83.57  | 2.36  | 18.95     |
| Sulfur as          | (S04)                | 201.33 | 4.19  | 45.66     |
| Salt Concentration | (TDS)                | 532.29 |       | 120.72    |
| Boron              | (B)                  | 0.11   |       | 0.02      |

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|--------------------|------|
| Cation/Anion Ratio | 0.98 |
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Reviewed by:

