

# BROOKSIDE LABORATORIES, INC.

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

Blue Heron Pines Country Club  
550 Country Club Drive  
Egg Harbor City, NJ 08215

File Number: 58514  
Date Received: 5/15/2024  
Date Reported: 5/16/2024

Submitted By: Soil and Water Consulting

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|--------------------|------------------|
| Lab Number         | 1023             |
| Sample Location    | IRRIGATION WATER |
| Sample Description | POND             |

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|---------------------------------|-------|
| pH                              | 6.38  |
| Hardness (ppm)                  | 39.45 |
| Hardness (grains/gal)           | 2.31  |
| Conductivity (mmhos/cm)         | 0.14  |
| Sodium Adsorp. Ratio            | 0.69  |
| Adjusted SAR                    | 0.46  |
| Adjusted RNa                    | 0.50  |
| pHc                             | 8.73  |
| Residual Sodium Carbonate (RSC) | 0.21  |

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|                    |                      | (ppm)  | meq/l | lbs/ac in |
|--------------------|----------------------|--------|-------|-----------|
| Calcium            | (Ca)                 | 10.40  | 0.52  | 2.36      |
| Magnesium          | (Mg)                 | 3.04   | 0.25  | 0.69      |
| Potassium          | (K)                  | 2.54   | 0.06  | 0.58      |
| Sodium             | (Na)                 | 9.79   | 0.43  | 2.22      |
| Iron               | (Fe)                 | 0.54   |       | 0.12      |
| Total Alkalinity   | (CaCO <sub>3</sub> ) | 49.14  |       | 11.14     |
| Carbonate          | (CO <sub>3</sub> )   | 0.00   |       |           |
| Bicarbonate        | (HCO <sub>3</sub> )  | 59.96  | 0.98  | 13.60     |
| Hydroxide          | (OH)                 | 0.00   |       |           |
| Chloride           | (Cl)                 | 11.91  | 0.34  | 2.70      |
| Sulfur as          | (S04)                | 8.08   | 0.17  | 1.83      |
| Salt Concentration | (TDS)                | 91.07  |       | 20.65     |
| Boron              | (B)                  | < 0.05 |       |           |

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| Cation/Anion Ratio | 0.84 |
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Reviewed by: \_\_\_\_\_