



## Water Bacteriological Analysis

**Client:** King Water Company  
PO Box 2243  
Oak Harbor, WA 98277

**Invoice Number:** 22-09395  
**PO Number:**  
**Project Name:** Drinking Water

**Report Date:** 6/15/2022  
**Approved By:**

### Sample Information

**Date Collected:** 6/14/2022  
**Sample Purpose:** Routine Compliance  
**Sample Type:** Post Treatment/Finished Water Sample  
**Sample Composition:** Coliform Samples  
**Sample Collected by:** F. Pedroza  
**Source Number:** 00

**Date Received:** 6/14/2022  
**Suitability:** Yes  
**Chlorine Res:** 0.34  
**Repeat:**  
**Repeat Lab #:**  
**Repeat Date:**

**System Number:** 19948

**System Name:** DRIFTWOOD HEIGHTS ASSOCIATION

**Lab #:** 36153

**Sample:** 805 Patricia Ann Dr

| Analyte        | Results      | Units  | Detection Limit | Method   | Analyst | Date Analyzed |
|----------------|--------------|--------|-----------------|----------|---------|---------------|
| TOTAL COLIFORM | Satisfactory | /100ml | 1               | SM_9223B | KG      | 6/15/2022     |
| E. COLI        | Absent       | /100ml | 1               | SM_9223B | KG      | 6/15/2022     |



Date Submitted: 7/14/2022

## Water Use Efficiency Annual Performance Report - 2021

WS Name: DRIFTWOOD HEIGHTS ASSOCIATION  
Water System ID# : 19948      WS County: ISLAND

Report submitted by: *Sandra Bodamer*

### Meter Installation Information:

Estimate the percentage of metered connections: 100%

If not 100% metered – Did you submit a meter installation plan to DOH? No

Within your meter installation plan, what date did you commit to completing meter installation?

Current status of meter installation:

### Production, Authorized Consumption, and Distribution System Leakage Information:

12-Month WUE Reporting Period 01/01/2021 To 12/31/2021

Incomplete or missing data for the year? No

If yes, explain:

|  |                             |
|--|-----------------------------|
| Total Water Produced & Purchased (TP) – Annual volume gallons        | 8,288,080 gallons           |
| Authorized Consumption (AC) – Annual Volume in gallons               | 8,531,970 gallons           |
| Distribution System Leakage – Annual Volume TP – AC                  | -243,890 gallons            |
| Distribution System Leakage – DSL = $[(TP - AC) / TP] \times 100 \%$ | -2.9 %                      |
| 3-year annual average - %  | 3.6 %      2018, 2019, 2020 |

### Goal-Setting Information:

Enter the date of most recent public forum to establish WUE goal: \_\_\_\_\_

Has goal been changed since last performance report? No

*Note: Customer goal must be re-established every 6 years through a public process.*

### Customer WUE Goal (Demand Side):

*Maintain average use per house per day below 185 gallons through 2018 - actual for 2012 was 183 gpdph.*

### Customer (Demand Side) Goal Progress:

Current usage was 205 gpd. This was during COVID shut downs and more people were at home and using more water.

### Additional Information Regarding Supply and Demand Side WUE Efforts

System: *Driftwood Heights*  
 Report: June 2022  
 Island County  
 Source SO 1

System # 19948 X

Hypochlorite Solution Strength 10%  
 LIQUID HYPOCHLORITE 12.5%

BLANKS REPRESENT NO TEST

LBS. OF AVAILABLE CHLORINE PER GALLON OF SOLUTION

0.1

QUANTITY OF WATER TREATED

| DATE | WELL #1<br>METER<br>READING | VOLUME  | POUNDS  | Chlorine     |              |               |                      |
|------|-----------------------------|---------|---------|--------------|--------------|---------------|----------------------|
|      |                             |         |         | Tank<br>size | Gal.<br>Used | Entry<br>mg/L | Distribution<br>mg/L |
| 31   | 59,732,200                  |         |         | 50           | 4            | 0.46          | 0.62                 |
| 1    | 0                           | 0       | 0       | 50           |              |               |                      |
| 2    | 0                           | 0       | 0       | 50           |              |               |                      |
| 3    | 0                           | 0       | 0       | 50           |              |               |                      |
| 4    | 0                           | 0       | 0       | 50           |              |               |                      |
| 5    | 0                           | 0       | 0       | 50           |              |               |                      |
| 6    | 0                           | 0       | 0       | 50           |              |               |                      |
| 7    | 59,869,230                  | 137,030 | 1142830 | 50           | 11           | 0.42          | 0.4                  |
| 8    | 0                           | 0       | 0       | 50           |              |               |                      |
| 9    | 0                           | 0       | 0       | 50           |              |               |                      |
| 10   | 59,910,530                  | 41,300  | 344442  | 50           | 2            | 0.35          | 0.34                 |
| 11   | 0                           | 0       | 0       | 50           |              |               |                      |
| 12   | 0                           | 0       | 0       | 50           |              |               |                      |
| 13   | 0                           | 0       | 0       | 50           |              |               |                      |
| 14   | 59,974,000                  | 63,470  | 529340  | 50           | 5            | 0.36          | 0.34                 |
| 15   | 0                           | 0       | 0       | 50           |              |               |                      |
| 16   | 0                           | 0       | 0       | 50           |              |               |                      |
| 17   | 60,020,740                  | 46,740  | 389812  | 50           | 3            | 0.3           | 0.22                 |
| 18   | 0                           | 0       | 0       | 50           |              |               |                      |
| 19   | 0                           | 0       | 0       | 50           |              |               |                      |
| 20   | 60,065,650                  | 44,910  | 374549  | 50           | 3            | 0.18          | 0.12                 |
| 21   | 0                           | 0       | 0       | 50           |              |               |                      |
| 22   | 0                           | 0       | 0       | 50           |              |               |                      |
| 23   | 0                           | 0       | 0       | 50           |              |               |                      |
| 24   | 60,139,400                  | 73,750  | 615075  | 50           | 4            | 0.45          |                      |
| 25   | 0                           | 0       | 0       | 50           |              |               |                      |
| 26   | 0                           | 0       | 0       | 50           |              |               |                      |
| 27   | 0                           | 0       | 0       | 50           |              |               |                      |
| 28   | 60,237,800                  | 98,400  | 820656  | 50           | 6            | 0.6           | 0.83                 |
| 29   | 0                           | 0       | 0       | 50           |              |               |                      |
| 30   | 0                           | 0       | 0       | 50           |              |               |                      |
| 31   | 0                           | 0       | 0       | 50           |              |               |                      |

505,600

Total pumped for month 505,600  
 Average daily usage 18,057  
 Average per connection (111) 163

Driftwood Heights 1

Year: May & June 2022

| Date    | Mth/Day    | #1 Well Meter | Average Daily Usage | Line Pressure |          |         | Hour Meters |       |     | Generator Hours | Propane Level | Sign |
|---------|------------|---------------|---------------------|---------------|----------|---------|-------------|-------|-----|-----------------|---------------|------|
|         |            |               |                     | Line Pressure |          | #1 Pump | #2 Pump     | Well  |     |                 |               |      |
|         |            |               |                     | Main          | 10th St  |         |             |       |     |                 |               |      |
| 5/7/22  | 59,272,150 | 14,617        | 82                  | 47            | 17,964.4 | 7824.5  | 15,091.7    |       |     |                 |               |      |
| 5/6/22  | 59,325,030 | 13,220        | 74                  | 46            | 17,971.7 | 7829.1  | 15,016.1    |       |     |                 |               |      |
| 5/10/22 | 59,384,530 | 14,875        | 76                  | 47            | 17,980.0 | 7834.2  | 15,101.0    |       |     |                 |               |      |
| 5/13/22 | 59,433,500 | 16,503        | 80                  | 47            | 17,986.9 | 7838.6  | 15,105.1    |       |     |                 |               |      |
| 5/17/22 | 59,486,380 | 13,226        | 75                  | 46            | 17,994.3 | 7843.1  | 15,119.9    |       |     |                 |               |      |
| 5/19/22 | 59,520,800 | 17,210        | 80                  | 46            | 17,999.0 | 7846.1  | 15,123.3    | 318.1 | 32% |                 |               |      |
| 5/23/22 | 59,590,250 | 17,363        | 76                  | 47            | 18,008.7 | 7852.0  | 15,118.1    |       |     |                 |               |      |
| 5/27/22 | 59,658,410 | 17,041        | 82                  | 47            | 18,018.3 | 7857.7  | 15,123.7    |       |     |                 |               |      |
| 5/31/22 | 59,732,300 | 18,448        | 75                  | 46            | 18,027.1 | 7864.5  | 15,129.7    |       |     |                 |               |      |
| 6/7/22  | 59,869,230 | 19,647        | 72                  | 46            | 18,048.2 | 7876.2  | 15,141.3    |       |     |                 |               |      |
| 6/10/22 | 59,910,530 | 13,600        | 75                  | 47            | 18,094.1 | 7879.7  | 15,144.7    |       |     |                 |               |      |
| 6/14/22 | 59,974,000 | 15,868        | 85                  | 47            | 18,063.1 | 7885.2  | 15,158.0    |       |     |                 |               |      |
| 6/17/22 | 60,020,740 | 15,580        | 80                  | 46            | 18,069.6 | 7889.2  | 15,153.9    |       |     |                 |               |      |
| 6/20/22 | 60,065,650 | 14,970        | 77                  | 46            | 18,075.2 | 7893.0  | 15,157.6    | 319.0 | 31% |                 |               |      |
| 6/24/22 | 60,139,400 | 18,438        | 72                  | 45            | 18,088.7 | 7899.6  | 15,163.8    |       | 30% |                 |               |      |
| 6/28/22 | 60,237,800 | 24,600        | 72                  | 45            | 18,101.0 | 7907.2  | 15,172.0    |       |     |                 |               |      |

Notes:  
 5/10/22 - BT Sample  
 6/14/22 - Routine BT Sample

