



Water Bacteriological Analysis

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

Invoice Number: 23-08719
PO Number:
Project Name: DW

Phone: (360) 914-1395

Report Date: 5/24/2023

Email: jeremy@kingwater.com

Approved By: 

Sample Information

Date Collected: 5/23/2023
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: 5/23/2023
Suitability: Yes
Chlorine Res: 0.25

System Number: 19948

System Name: DRIFTWOOD HEIGHTS ASSOCIATION

Lab #: 33084		Sample: 891 Margie Ann Dr.				Analyst	Date Analyzed
Analyte	Results	Units	Detection Limit	Method			
TOTAL COLIFORM	Satisfactory	/100ml	1	SM_9223B	SK	5/24/2023	
E. COLI	Absent	/100ml	1	SM_9223B	SK	5/24/2023	

Round Res.

KING WATER COMPANY

Reservoir Inspection Checklist

System Name

Distwood heights

Date

05/09/23

1 Reservoir Lid - materials and condition Older

2 Reservoir Seal - condition/replaced? good condition

3 Vents: Type MT Batters Screened? Yes No

4 Top or bottom fill? top fill Aeration? No

5 Overflow/Drain Screened? Yes No Replaced then

6 Tank Gauge Working? Yes No Needs Replaced

7 Probes/floats/other Condition/notes from top

8 Probe Ht. #1 well alt #2 well on #3 dam #4 cut out #5 Grand #6 #7

9 Silt Stop? Yes No Height _____

10 Time Since Last Clean? _____

11 Time To Next Cleaning? every other year

12 Adequate Overflow? Yes No

13 Reservoir Surroundings? Bushes, Trees Cut Back, Etc. yes

14 Adequate Drain? Yes No

15 Booster pump safety cut off? Yes No

16 Low level alarm? Yes No

17 Timed wells on restart: #1 200 GPM #2 #3

18 Static water level #1 #2 #3

19 Pumping water level #1 #2 #3

19 Draw map of location of pipes on floor, hatch and accessibility of tank gauge from hatch

20 Other Comments: Service tech. to flush drain next day when reservoir full

System: Driftwood Heights

System # 19948 X

Report: May 2023

Island County

Source SO 1

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 METER READING	VOLUME	POUNDS	Chlorine			
				Tank size	Gal. Used	Entry mg/L	Distribution mg/L
27	66,909,820			50	5	0.32	0.27
1	66,973,320	63,500	529590	50	4	0.3	0.21
2	0	0	0	50			
3	67,006,200	32,880	274219	50	1	0.44	0.22
4	0	0	0	50			
5	67,030,420	24,220	201995	50	1	0.77	0.33
6	0	0	0	50			
7	0	0	0	50			
8	67,079,380	48,960	408326	50	3.5	0.24	0.21
9	0	0	0	50			
10	67,122,800	43,420	362123	50	2.5	0.5	0.3
11	0	0	0	50			
12	0	0	0	50			
13	0	0	0	50			
14	0	0	0	50			
15	0	0	0	50			
16	67,259,400	136,600	1139244	50	7.5	0.35	0.2
17	0	0	0	50			
18	0	0	0	50			
19	67,312,900	53,500	446190	50	3	0.38	0.26
20	0	0	0	50			
21	0	0	0	50			
22	67,359,400	46,500	387810	50	2.5	0.33	0.21
23	0	0	0	50			
24	0	0	0	50			
25	0	0	0	50			
26	67,467,500	108,100	901554	50	2.5	0.35	
27	0	0	0	50			
28	0	0	0	50			
29	0	0	0	50			
30	67,572,440	104,940	875200	50		0.005	0.1
31	0	0	0	50			

662,620

Total pumped for month 662,620
 Average daily usage 22,087
 Average per connection (111) 199

Year: May & June 2023

ax
ormal
in

75#	100#
45#	75#
30#	60#

85%
>50%
20%

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.							
5/1/23		66,973,320	15,875	45	78	19,093.7	8476.1	15,772.4			RB	
5/3/23		67,006,200	16,440	45	72	19,098.7	8474.5	15,735.2			RB	
5/5/23		67,030,420	12,110	45	84	19,093.1	8477.4	15,737.8	386.5	41%	RB	
5/8/23		67,079,380	16,320	45	88	19,088.9	8481.0	15,741.7			RB	
5/10/23		67,122,800	21,710	46	84	19,103.4	8483.6	15,744.9			RB	
5/16/23		67,259,400	22,767	45	78	19,123.5	8494.6	15,756.3			RB	
5/19/23		67,312,900	17,833	45	78	19,126.2	8502.6	15,760.8			RB	
5/22/23		67,359,400	15,500	45	68	19,126.2	8511.2	15,764.6			RB	
5/24/23		67,467,570	27,025	44	72	19,136.7	8519.6	15,773.7			RB	
5/30/23		67,572,440	26,235	45	85	19,152.5	8528.5	15,792.3			RB	

Notes:
 5/5/23 - Isolated the Octagon Res - using water from Round Res ~~RB~~
 5/23/23 - ~~by Sample~~
 5/23 - Cleaned ~~ROUND~~ Reservoir ~~RB~~
 5/23/23 - Cleaned Octagon Reservoir ~~RB~~

Driftwood Heights 1

Year: 2023

Visit #	Month/Day	Booster #1		Booster #2		Well Pump	
		Cycles	Cycles/day	Cycles	Cycles/day	Cycles	Cycles/day
	12/30/22	Daily	665,978	Daily	829,271	Daily	355,351
1						9.9	355,104
2	1/31/23	208	672,634	210	835,882	5.3	355,748
3	2/27/23	126.4	676,046	124.0	839,231	10.2	356,075
4	3/31/23	129.9	680,204	127.2	843,700	3.4	356,168
5	4/27/23	122.7	683,518	121.9	846,591		
6						5.3	356,184
7	5/1/23	178	684,052	178	847,125	4.0	356,192
8	5/3/23	133	684,313	132	847,390		356,323
9	5/30/23		687,470		851,316		
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