




Water Bacteriological Analysis

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

Invoice Number: 22-00537
PO Number:
Project Name: DW

Report Date: 2/10/2022
Approved By: 

Sample Information

Date Collected: 1/11/2022
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: 1/11/2022
Suitability: Yes
Chlorine Res: 0.20
Repeat:
Repeat Lab #:
Repeat Date:

System Number: 19948

System Name: DRIFTWOOD HEIGHTS ASSOCIATION

Lab #: 2162		Sample: 767 Hawthorne Ln.				
Analyte	Results	Units	Detection Limit	Method	Analyst	Date Analyzed
TOTAL COLIFORM	Satisfactory	/100ml	1	SM_9223B	MW	1/12/2022
E. COLI	Absent	/100ml	1	SM_9223B	MW	1/12/2022



Water Chemical Analysis

174 80872

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

Invoice Number: 21-20008
PO Number:
Project Name: Gross Alpha & Radium 228

Approved By:

PWS Information

Date Collected: 11/30/2021
System Number: 19948
Lab Sample Number: 174 80872
Sample Location: Sample: Driftwood Heights So1 - Well 1
Sample Purpose: Routine Compliance
Sample Composition: Flowing Distribution Sample

System Group Type:
System Name: DRIFTWOOD HEIGHTS ASSOCIATION
County: ISLAND
Source Number: 01
Date Received: 11/30/2021
Date Analyzed: 1/10/2022
Date Reported: 1/24/2022
Sample Type: Post Treatment/Finished Water Sample

Sample Collected by:

DOH #	Analyte	Results	Units	SRL	Trigger	MCL	Method	Analyst
Radiological								
165	GROSS ALPHA*	ND	pCi/L	3.0		15	EPA_900.0	OS
166	RADIUM 228†	0.4889 +/- 0.414	pCi/L	1		5	EPA_904.0	OS

MCL = (Maximum Contaminant Level) allowed by the State of Washington.
ND = (Not Detected) Compound was analyzed and not detected at a level greater than or equal to the SRL.
SRL = (State Reporting Level) The minimum reporting level required by Washington State Department of Health (DOH).
Trigger Level = DOH drinking water response level. System with compounds detected at concentrations in excess of this level are required to take additional samples. < = (less than) indicates the analyte was below the detection limit.
OT = Out of Hold Time
*Gross Alpha & Radium 228 analysis performed by OAS Analytical (OAS#174-02001)

System: *Driftwood Heights*
 Report: January 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 METER READING	VOLUME	POUNDS	Chlorine			
				Tank size	Gal. Used	Entry mg/L	Distribution mg/L
30	57,594,400			50	2	0.36	0.35
1	0	0	0	50			
2	0	0	0	50			
3	0	0	0	50			
4	57,678,900	84,500	704730	50	8.5	0.26	
5	0	0	0	50			
6	57,705,860	26,960	224846	50	2	0.2	
7	0	0	0	50			
8	0	0	0	50			
9	0	0	0	50			
10	0	0	0	50			
11	57,773,940	68,080	567787	50	4	0.53	0.2
12	0	0	0	50			
13	0	0	0	50			
14	57,814,200	40,260	335768	50	2	0.44	0.36
15	0	0	0	50			
16	0	0	0	50			
17	57,850,230	36,030	300490	50	2	0.5	0.4
18	0	0	0	50			
19	0	0	0	50			
20	0	0	0	50			
21	57,903,930	53,700	447858	50	3	0.34	0.2
22	0	0	0	50			
23	0	0	0	50			
24	0	0	0	50			
25	0	0	0	50			
26	57,965,800	61,870	515996	50	4	0.25	0.21
27	0	0	0	50			
28	57,993,500	27,700	231018	50	1	0.2	0.18
29	0	0	0	50			
30	0	0	0	50			
31	58,033,940	40,440	337270	50	3	0.28	0.21

439,540

Total pumped for month 439,540
 Average daily usage 13,736
 Average per connection (111) 124

Driftwood Heights 1

Year: Jan & Feb 2022

Date	Mth/Day	#1 Well Meter	Average Daily Usage	Line Pressure		10th St.	Hour Meters			Generator Hours	Propane Level	Sign
				Main	#1 Pump		#2 Pump	Well				
1/30/22		575914100										
1/4/22		57628900	16,900	52	75		17741.6	7655.9	14959.2			
1/6/22		57705860	13,480	50	80		17745.3	7688.3	14961.5			
1/11/22		57779940	13,616	49	82		17784.7	7654.2	14967.1			
1/14/22		57814200	13,430	50	78		17760.2	7690.7	14970.5			
1/17/22		57850230	12,010	48	79		17765.9	7701.1	14973.5	306.8	39%	
1/21/22		57903930	13,425	48	72		17773.8	7705.7	14977.9			
1/26/22		57965800	12,374	49	70		17788.1	7711.1	14983.1			
1/28/22		57993500	13,550	48	75		17785.5	7713.2	14985.4			
1/31/22		58033940	13,480	50	73		17771.4	7716.7	14988.7			

Notes: 1/11/22 - Routine BT Sample
 1/28/22 - Call out No Winter PULLOUTAGE - Generator did not Transfer over - Power Backup - Reset System Back to Normal

Driftwood Heights 1

Chlorination System-10%

Day	Tank Level	Gals. Used	High	Low	Well Rate	Res Level	Sign
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12/30	13						
1/4/22	21.5	8.5	0.26	-	0.20	F	71
1/7/22	(21.5)	2	0.20	-	0.20	F	71
1/11/22	26	4	0.53	0.20		F	71
1/14/22	24	2	0.44	0.30		F	71
1/17/22	22	2	0.52	0.40		F	71
1/21/22	19	3	0.34	0.20	0.20	F	71
1/26/22	15	4	0.25	0.21		F	71
1/28/22	14	1	0.20	0.18		F	71
1/31/22	11	3	0.28	0.21		F	71

Notes:

1/6/22 Check Vat (Cl₂) & Batched 71