



DEPARTMENT OF ENVIRONMENTAL QUALITY

MONTHLY OPERATIONAL REPORT for GROUND WATER SYSTEM

Month Year

System name Falconhead Property Owners Association

PWSID OK2004305

August 2024

Address 113 Falconhead Drive

City Burneyville

Zip 73430

Date	Water Pumped in 1000 gal/day			Chlorine Added in lbs or gallons			Chlorine residual measured				REMARKS:																
	Well 1	Well 3	Well 6	CL2 Well 1	CL2 Well 3	CL2 Well	Concentration (ppm or mg/L)																				
							POE Well 1	POE Well 3 & 6	in distribution (time 1)	in distribution (time 2)																	
1		141	38		0.85	0		1.39	0.6	1.0	Divers completed cleaning and inspection of tower. Plan on injecting Phosphate within the next 2 weeks. Meter swap is completed, now starting townhomes and condos																
2		133	49		5.1	1.7		1.45	0.48	0.3																	
3		101	17		6.8	3.4		1.58	0.48	0.9																	
4		98	51		5.95	0		1.61	0.35	0.9	Chlorine Type and Concentration Required to chlorinate Yes / No Chlorine type <u>Sodium hypochlori</u> Concentration or (%) <u>12%</u>																
5		112	56		0.85	1.7		1.45	0.14	0.6																	
6		110	42		3.4	1.7		1.39	0.95	1.0																	
7		104	46		4.25	6.8		1.46	1.01	1.2	Static and Pumping levels (in feet) Well# <u>1</u> Static <u>N/A</u> Pumping <u>N/A</u> Well# <u>3</u> Static <u>N/A</u> Pumping <u>N/A</u> Well# <u>6</u> Static <u>N/A</u> Pumping <u>N/A</u> Well# <u> </u> Static <u> </u> Pumping <u> </u> Well# <u> </u> Static <u> </u> Pumping <u> </u>																
8		110	24		3.4	0		1.33	1.28	1.3																	
9		111	40		5.1	0		1.36	0.93	1.5																	
10		99	8		5.1	2.55		1.29	0.92	1.0	<u>1.2</u>																
11		86	18		8.5	0		1.27	0.32	0.7																	
12		82	55		6.8	0		1.52	0.6	0.8																	
13		31	50		5.1	3.4		1.66	0.5	1.3	Alkalinity, pH, and stability <table><tr><td></td><td>Well 1</td><td>Well 3</td><td>Well 6</td></tr><tr><td>Alkalinity</td><td></td><td>130</td><td>117</td></tr><tr><td>pH</td><td></td><td>6.8</td><td>6.9</td></tr><tr><td>Stability</td><td></td><td>172</td><td>161</td></tr></table> Stability test used: <u>Hawke tester/ERT Lab</u> <i>Alkalinity, pH, and stability must be determined at least monthly</i>		Well 1	Well 3	Well 6	Alkalinity		130	117	pH		6.8	6.9	Stability		172	161
	Well 1	Well 3	Well 6																								
Alkalinity		130	117																								
pH		6.8	6.9																								
Stability		172	161																								
14		1	52		1.7	1.7		1.5	0.9	1.3																	
15		15	52		3.4	0		1.39	0.8	1.1	Power Cost ##### Labor Cost ##### Chemical Cost \$ - Repair Cost ##### Total Cost ##### Cost/Million Gallon #####																
16		81	56		0	3.4		1.22	1.3	0.9																	
17		88	57		2.55	2.55		1.24	0.7	1.1																	
18		95	56		3.4	5.95		1.45	0.3	1.1																	
19		122	56		2.55	3.4		1.38	0.8	0.8																	
20		119	56		2.55	5.1		1.33	1.1	0.5																	
21		36	53		3.4	6.8		1.41	0.8	1.1																	
22		17	53		1.7	5.95		1.62	1.0	0.2																	
23		79	57		0	5.95		1.61	0.6	1.0																	
24		98	57		2.55	3.4		1.48	0.5	0.6																	
25		106	55		8.5	3.4		1.58	0.3	1.0																	
26		107	23		3.4	0.85		1.75	1.0	0.9																	
27		138	48		5.1	3.4		1.68	1.0	0.5																	
28		157	56		3.4	2.55		1.53	0.6	1.5																	
29		115	56		6.8	3.4		1.26	1.2	1.0																	
30		70	17		5.1	3.4		1.14	1.5	0.1																	
31		22			8.5	2.55		1.6	0.8	0.6																	
TOTAL	0	2784	1354	0	125.8	85																					
AVG.		89.806452	45.1333		4.05806	2.742			2	1																	

I hereby certify the above to be correct to the best of my knowledge.

Herb Collier, Submitted Electronically

Signature

DEQ Form # 630-577B

Print: Herb Collier

License #:

Mail original before the 10th of the following month to: 9/10/2024

Date

106853

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Water Quality Division
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