



DEPARTMENT OF ENVIRONMENTAL QUALITY

MONTHLY OPERATIONAL REPORT for GROUND WATER SYSTEM

Month Year

System name Falconhead Property Ownders Association

PWSID OK2004305

Septen 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: We continue to work on injection of Phosphate, hopefully in Oct.																
	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		100			1.7			1.5	0.6	1.0	Chlorine Type and Concentration Required to chlorinate Yes / No Chlorine type <u>sodium hypochlori</u> Concentration or (%) <u>12%</u>																
2		108			3.4			1.5	1.3	0.9																	
3		102			5.1			1.3	0.8	1.1																	
4		87			5.1			1.3	0.5	1.2																	
5		96			5.1			1.5	0.7	0.7																	
6		107			4.25			1.6	1.0	0.8																	
7		84			5.95			1.5	0.9	0.9																	
8		79			5.1			1.6	0.6	1.0																	
9		84			3.4			2.0	0.8	1.1	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> <i>Static level and pumping level of each well must be determined quarterly.</i>																
10		107	9		1.7			1.2	0.8	0.8																	
11		117	47		6.8	6.8		1.6	1.0	1.1																	
12		104	52		3.4	6.8		1.6	1.1	1.0																	
13		89	57		0.85	2.55		1.5	1.7	1.5																	
14		81	58		6.8			1.8	1.0	0.9																	
15		86	49		4.25			1.6	1.0	1.0																	
16		82	6		1.7	4.25		1.6	1.0	1.2																	
17		60				11.05		1.5	0.6	1.5	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>124</td><td>118</td></tr><tr><td>pH</td><td></td><td>6.6</td><td>6.9</td></tr><tr><td>Stability</td><td></td><td>167</td><td>156</td></tr></table>		Well 1	Well 3	Well 6	Alkalinity		124	118	pH		6.6	6.9	Stability		167	156
	Well 1	Well 3	Well 6																								
Alkalinity		124	118																								
pH		6.6	6.9																								
Stability		167	156																								
18		4	23			13.6		1.5	0.9	1.2																	
19		8	57			5.1		1.4	0.3	1.1	Stability test used: <u>ERT Lab</u> <i>Alkalinity, pH, and stability must be determined at least monthly</i>																
20		71	54			8.5		1.4	0.6	0.9																	
21		91	14		4.25			1.4	0.5	0.7																	
22		97			4.25			1.4	0.6	1.0																	
23		96			5.1			1.5	0.9	0.9																	
24		96			3.4			1.7	0.1	0.8																	
25		96			6.8			2.0	1.4	1.6																	
26		102			4.25			2.1	0.7	0.1																	
27		103	22		2.55			1.9	1.7	0.5	Power Cost ##### Labor Cost ##### Chemical Cost ##### Repair Cost ##### Total Cost ##### Cost/Million Gallon #####																
28		102	48		1.7			1.8	0.5	1.4																	
29		102	5		5.1			1.7	0.6	1.4																	
30		30			1.7			1.8	1.9	1.6																	
31																											
TOTAL	0	2571	501	0	103.7	58.65	Below 1.0 mg/L																				
AVG.		85.7	35.7857		3.98846	7.331		0	2																		

I hereby certify the above to be correct to the best of my knowledge. Herb Collier, Submitted via email

Mail original before the 10th of the following month to: 10/7/2024

Department of Environmental Quality
Water Quality Division
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