

- Well # 7 has been completed and is running in rotation every other day and producing currently 325 GPM.
- Test wells identified by the Olsson studies have been proposed to be funded in the 24/25 budget year and once the
 data from those test wells are completed, then moving forward with addition capacity of production wells can be
 decided on where, how many, budgeting, engineering, land and ROW access, and construction of additional wells or
 wellfields can take place.
- The 2023 drought was in comparison to the 1936 drought and is not typical climatological for this region. Waverly was not the only city to see static levels drop in 2023 as region wide static levels dropped as was not unique only to Waverly.
- Currently we are at 22.76 in precipitation for the year Jan-Aug 2024 compared to last year at 18.24 in. Jan-Aug 2023
- However Static water levels remain on the low end historically.

Water use

All wells monthly	total	12,849,314	4 11,939,898	13,268,481	18,093,805	30,387,370	34,230,812	20,758,649	19,475,559
	202	3 January	February	March	April	May	June	July	August
Daily average	•	414,494	426,425	428,016	603,127	980,238	1,141,027	669,634	628,244
All wells monthly total		12,952,242	12,542,549	13,994,744	17,522,752	17,958,629	20,386,19 ⁻	1 24,316,2	42 26,076,931
	2024	January	February	March	April	May	June	July	August
Daily average		417,814	432,502	451,443	584,092	579,311	679,540	784,39	5 841,191

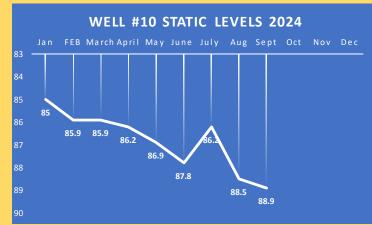
2024 we have used 15.2 million gallons less than the same time of 2023.

Note: Irrigation pivots surrounding Waverly started running in July and however most have stopped with some running on soybean fields. They draw water from the same aquifer as our wells. Along with irrigation pivots running throughout the state and regional area.

									as of July 2	as of Aug 11	as of Sept 8			
Pumpin	g Levels distance	from shutoff	points											
	Well	Speed	Jan	FEB	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
	4	100%	4.7	5.9	6.8	7.2	5.5	5.5	11	5.7	5.6			
	5	94%	1.1	1.5	3	3	3	3.2	6.2	2.4	1.4			
	6	83%	0.8	12.7	10	9.4	9.1	9.4	10.3	9.1	8.6			
	7										6.4			
	8	100%	9.2	9.2	9.1	8.8	6.3	8.2	6.8	5	6.6			
	9	85%	4.1	6.5	7.1	7.1	11.4	14.9	16	14.2	15.2			
	10	100%	19.7	18.3	18.1	18.2	19.8	17.4	20.1	18.3	18.2			
	11	85%	22.2	11.5	11.5	11.3	11.4	10.7	11.6	9.9	10.3			
	Precip. Inches	22.76	0.95	0.51	1.09	3.42	4.78	3.28	7.23	1.5	0			
									as of July 2	as of Aug 11	as of Sept 8			
Static L	evels- Water dista	nce from gro	und level											
	Well		Jan	FEB	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
	4		22.4	22.8	20.9	20.9	19.8	19	14	20.1	20.8			
	5		21	20.9	21	21.2	19.4	19.6	15.4	19.8	20.6			
	6		80	79.9	79.7	81.1	81.2	81.8	81.1	82.5	82.7			
	7										64.1			
	8		73.8	74.3	73.3	73.8	73.9	74.4	74.1	75.2	75.4			
	9		104.8	104.7	102	102	102.8	103.7	102.9	105	104.9			
	10		85	85.9	85.9	86.2	86.9	87.8	86.2	88.5	88.9			
	11		98	101.5	98.1	99.3	99.1	99.6	98.9	101	100.7			
	Precip. Inches	22.76	0.95	0.51	1.09	3.42	4.78	3.28	7.23	1.5	0			

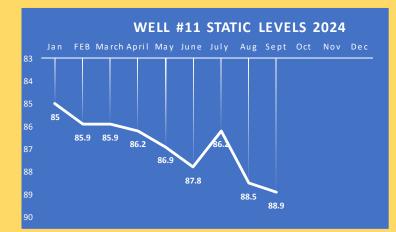




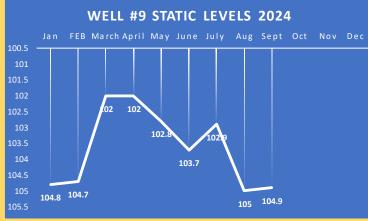


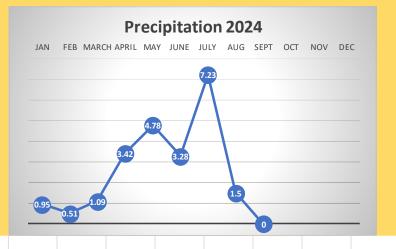


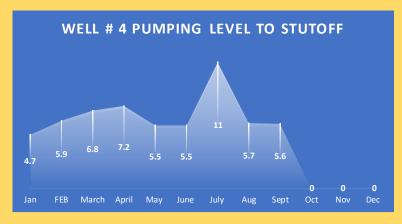








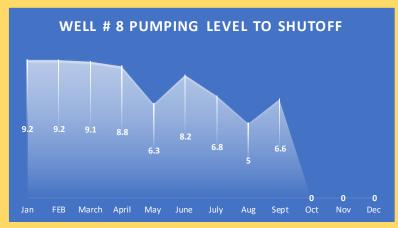


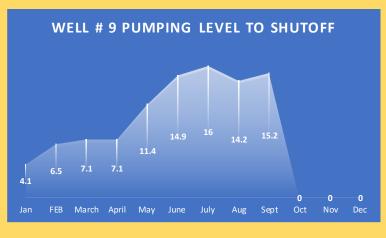


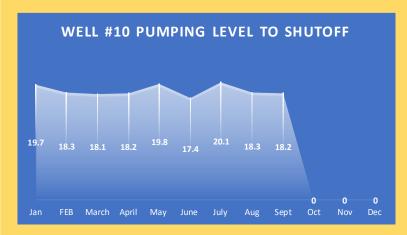






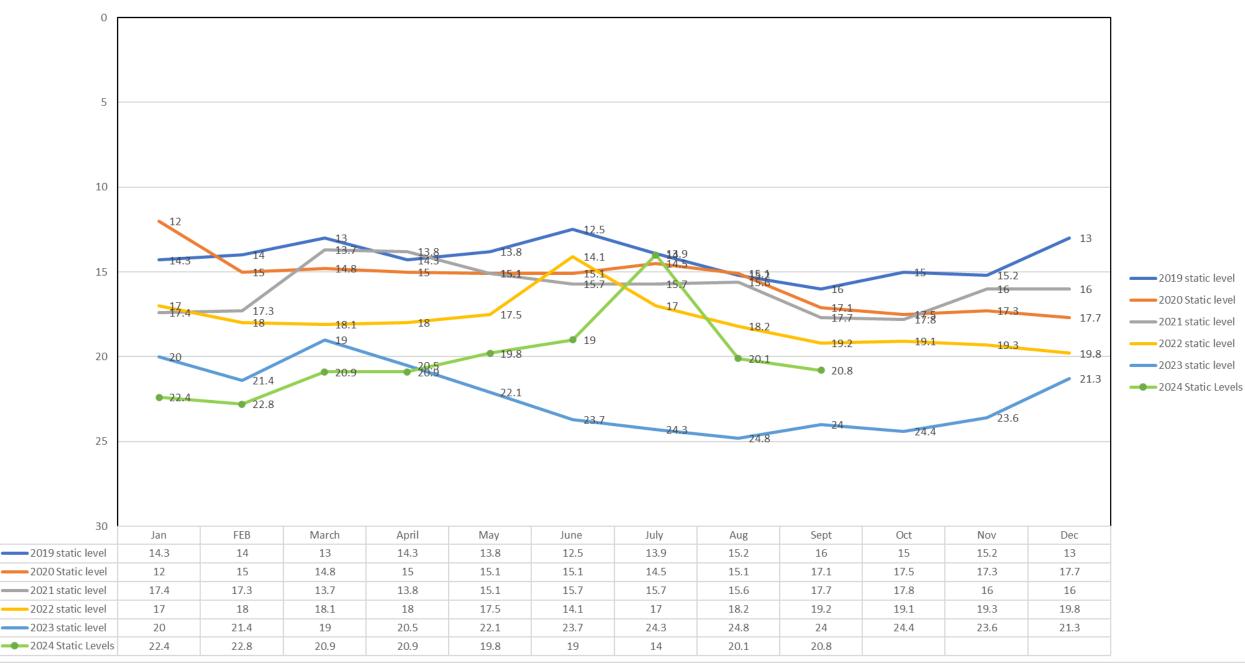








Well 4 static level last 5 years

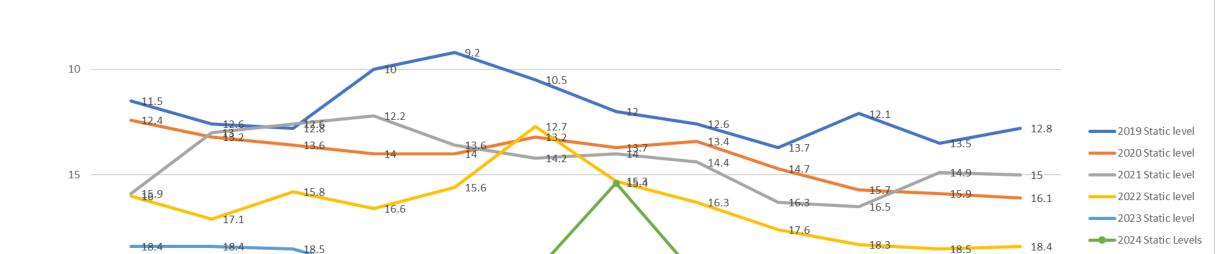


-2020 Static level

-2022 static level

5

20



20.6

20.2

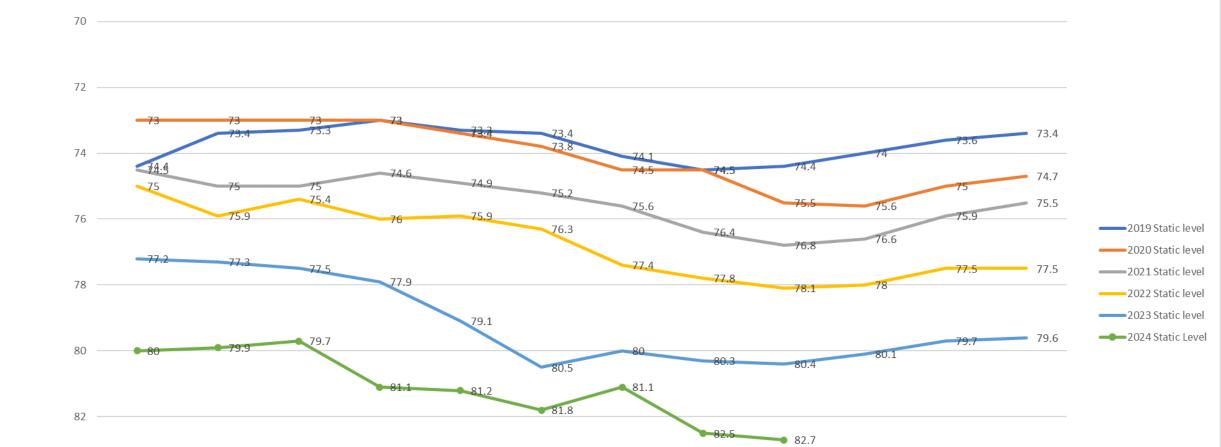
25												
	Jan	FEB	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
2019 Static level	11.5	12.6	12.8	10	9.2	10.5	12	12.6	13.7	12.1	13.5	12.8
2020 Static level	12.4	13.2	13.6	14	14	13.2	13.7	13.4	14.7	15.7	15.9	16.1
2021 Static level	15.9	13	12.6	12.2	13.6	14.2	14	14.4	16.3	16.5	14.9	15
2022 Static level	16	17.1	15.8	16.6	15.6	12.7	15.3	16.3	17.6	18.3	18.5	18.4
2023 Static level	18.4	18.4	18.5	19.6	21	21.3	19.9	20.2	21.7	21.2	20.8	20.2
2024 Static Levels	21	20.9	21	21.2	19.4	19.6	15.4	19.8	20.6			

19.6

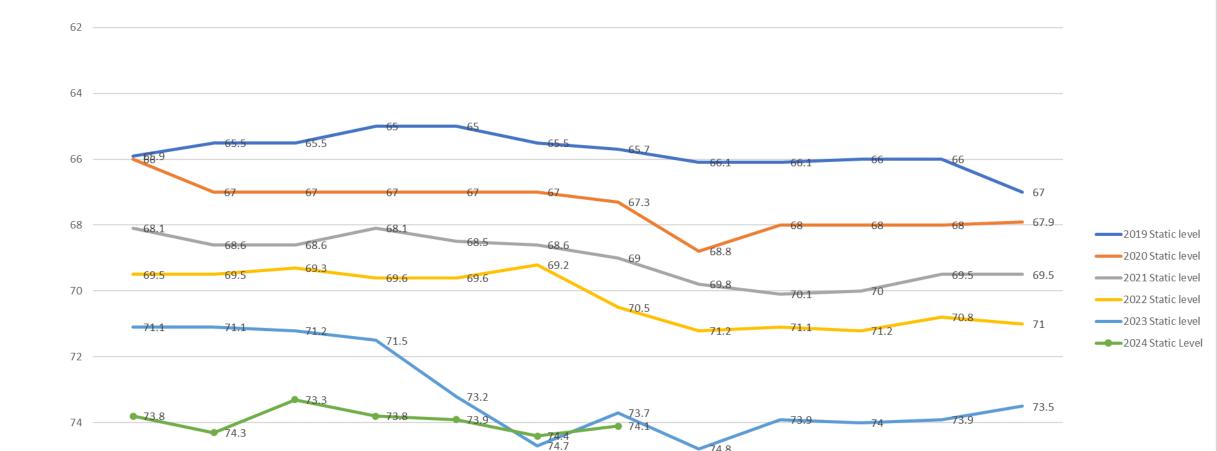
21.3

19.6

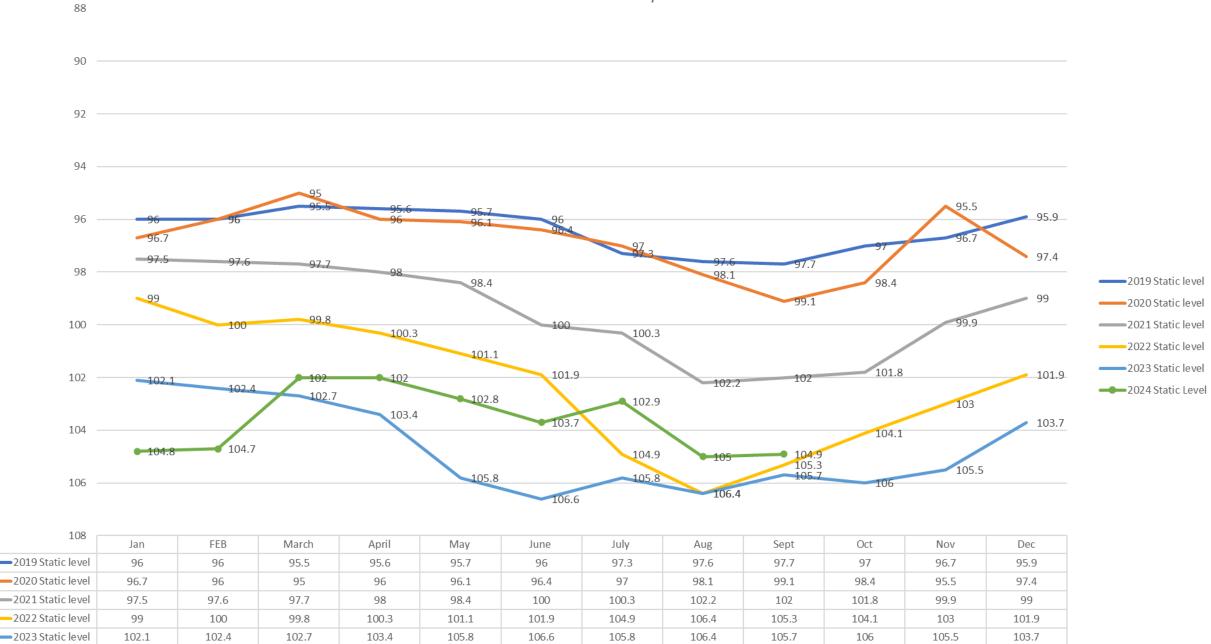
21.2



84	Jan	FEB	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
2019 Static level	74.4	73.4	73.3	73	73.3	73.4	74.1	74.5	74.4	74	73.6	73.4
2020 Static level	73	73	73	73	73.4	73.8	74.5	74.5	75.5	75.6	75	74.7
2021 Static level	74.5	75	75	74.6	74.9	75.2	75.6	76.4	76.8	76.6	75.9	75.5
2022 Static level	75	75.9	75.4	76	75.9	76.3	77.4	77.8	78.1	78	77.5	77.5
2023 Static level	77.2	77.3	77.5	77.9	79.1	80.5	80	80.3	80.4	80.1	79.7	79.6
2024 Static Level	80	79.9	79.7	81.1	81.2	81.8	81.1	82.5	82.7			



76												
70	Jan	FEB	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
2019 Static level	65.9	65.5	65.5	65	65	65.5	65.7	66.1	66.1	66	66	67
2020 Static level	66	67	67	67	67	67	67.3	68.8	68	68	68	67.9
2021 Static level	68.1	68.6	68.6	68.1	68.5	68.6	69	69.8	70.1	70	69.5	69.5
2022 Static level	69.5	69.5	69.3	69.6	69.6	69.2	70.5	71.2	71.1	71.2	70.8	71
2023 Static level	71.1	71.1	71.2	71.5	73.2	74.7	73.7	74.8	73.9	74	73.9	73.5
2024 Static Level	73.8	74.3	73.3	73.8	73.9	74.4	74.1					



102.9

105

104.9

2024 Static Level

104.8

102

104.7

102

102.8

103.7

2024 Static Level

85

85.9

85.9

86.2

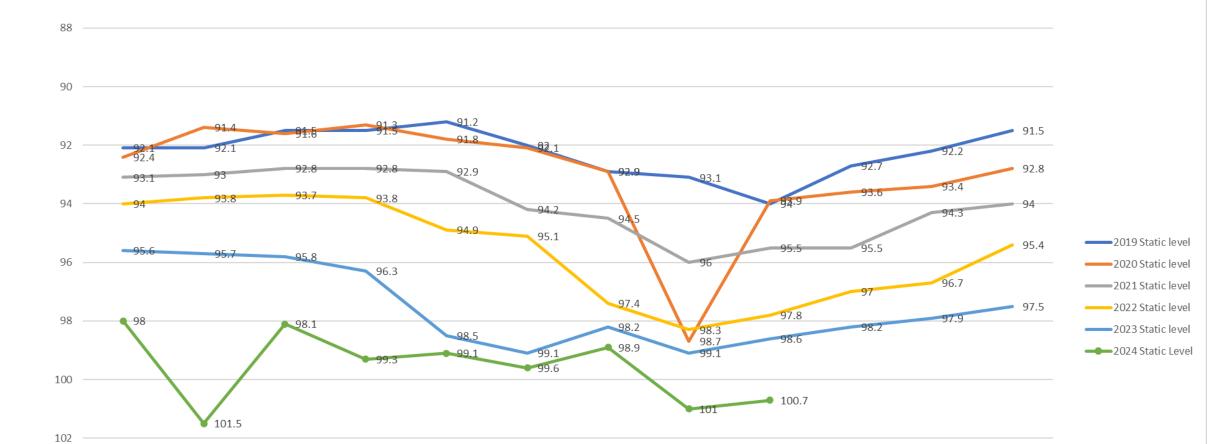
86.9

87.8

86.2

88.5

88.9



104												
104	Jan	FEB	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
2019 Static level	92.1	92.1	91.5	91.5	91.2	92	92.9	93.1	94	92.7	92.2	91.5
2020 Static level	92.4	91.4	91.6	91.3	91.8	92.1	92.9	98.7	93.9	93.6	93.4	92.8
2021 Static level	93.1	93	92.8	92.8	92.9	94.2	94.5	96	95.5	95.5	94.3	94
2022 Static level	94	93.8	93.7	93.8	94.9	95.1	97.4	98.3	97.8	97	96.7	95.4
2023 Static level	95.6	95.7	95.8	96.3	98.5	99.1	98.2	99.1	98.6	98.2	97.9	97.5
2024 Static Level	98	101.5	98.1	99.3	99.1	99.6	98.9	101	100.7			