



SHIPS POINT IMPROVEMENT DISTRICT

# Water Operators Report Dec 2023

Prepared by: Dave Shepherd

## Water consumption

<b>Monthly Consumption</b>	4357 M <sup>3</sup>	28	155.61 M <sup>3</sup>	Daily Average
<b>Previous year 2022-11</b>	4585 M <sup>3</sup>	28	163.75 M <sup>3</sup>	Daily Average
			<b><u>-4.97%</u></b>	
<b>Vol Well #1 since 19 Jan 2019</b>	304.24 M <sup>3</sup>			
<b>Max Flow for month</b>	1188.7 L/Min	<b>Min Flow for month</b>	14.9 last month 25.6	
<b>Time and Date</b>	02/12/2023 07:30		19/12/2023 00:56	
<b>Pump hours</b>	<b>#2</b> 621	<b>#3</b> 0	<b>#4</b> 5	
<b>Previous month hrs</b>	594	0	<b>102</b>	

## VIHA Samples

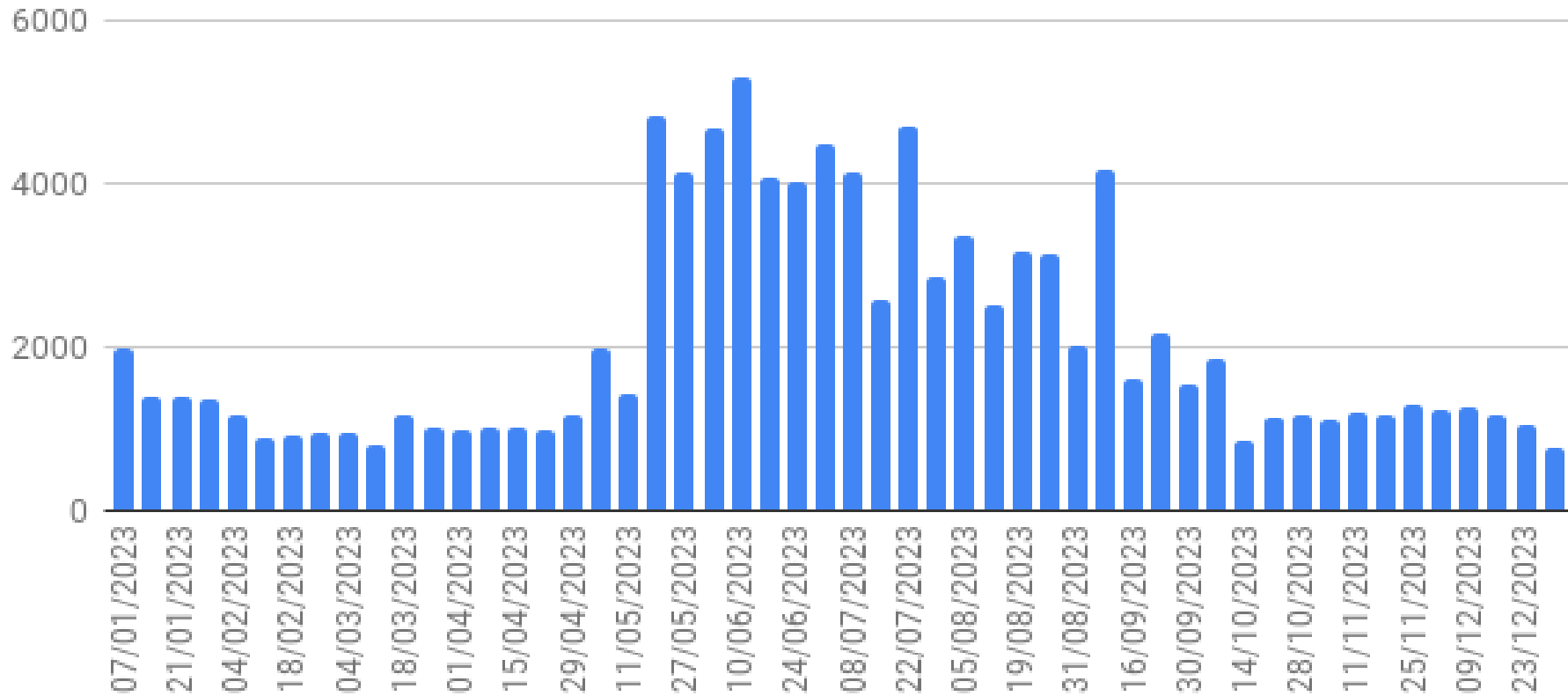
Activity	Date	Location	Sample type	Result	
<b>Monthly</b>	14/11/2023	7941 Park	Drinking water	✓	} Sent to VIHA
<b>Sample /testing</b>		7588 Ships Pt.	Drinking water	✓	
		7576 Tozer	Drinking water	✓	
		Well 2	Raw	✓	
		Well 3	Raw	✓	
		Well 4	Raw	✓	

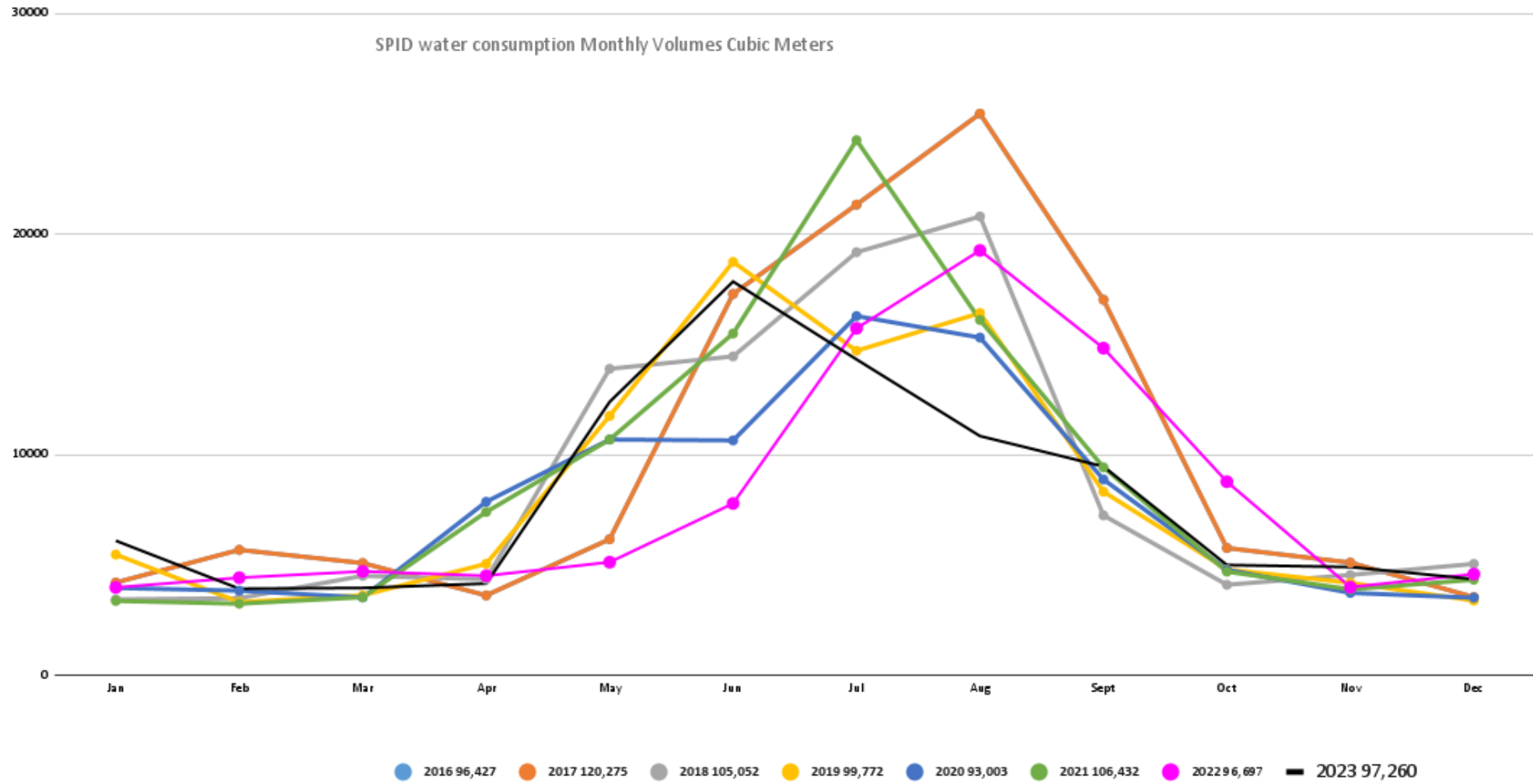
## Operations/Maintenance

	<b>Weekly:</b>			
	Meter readings, CL residuals (5 locations) incl flushing station, run pump 1 collect well levels data			
	Check CL tank level and add accordingly			
	<b>Monthly:</b>			
	Prep chain of custody report and sample bottles Collect VIHA samples and deliver to office			
	Collect end of month Data create report, replace CL membrane, order chlorine as needed			
	Attend WTC and SPID Meetings			
10/12/2023	#2 wll level sensor was pulled up 13" during remediation lowered back down			
14/12/2023	Transfer 180 2023 operator files on laptop to Sync			
	Gen Test with JL replace trickle charger as new one failed twice			
15/12/2023	Year end inventory, Meet above and beyond to estimate tree removal			
19/12/2023	Open up and check work done by above and beyond			

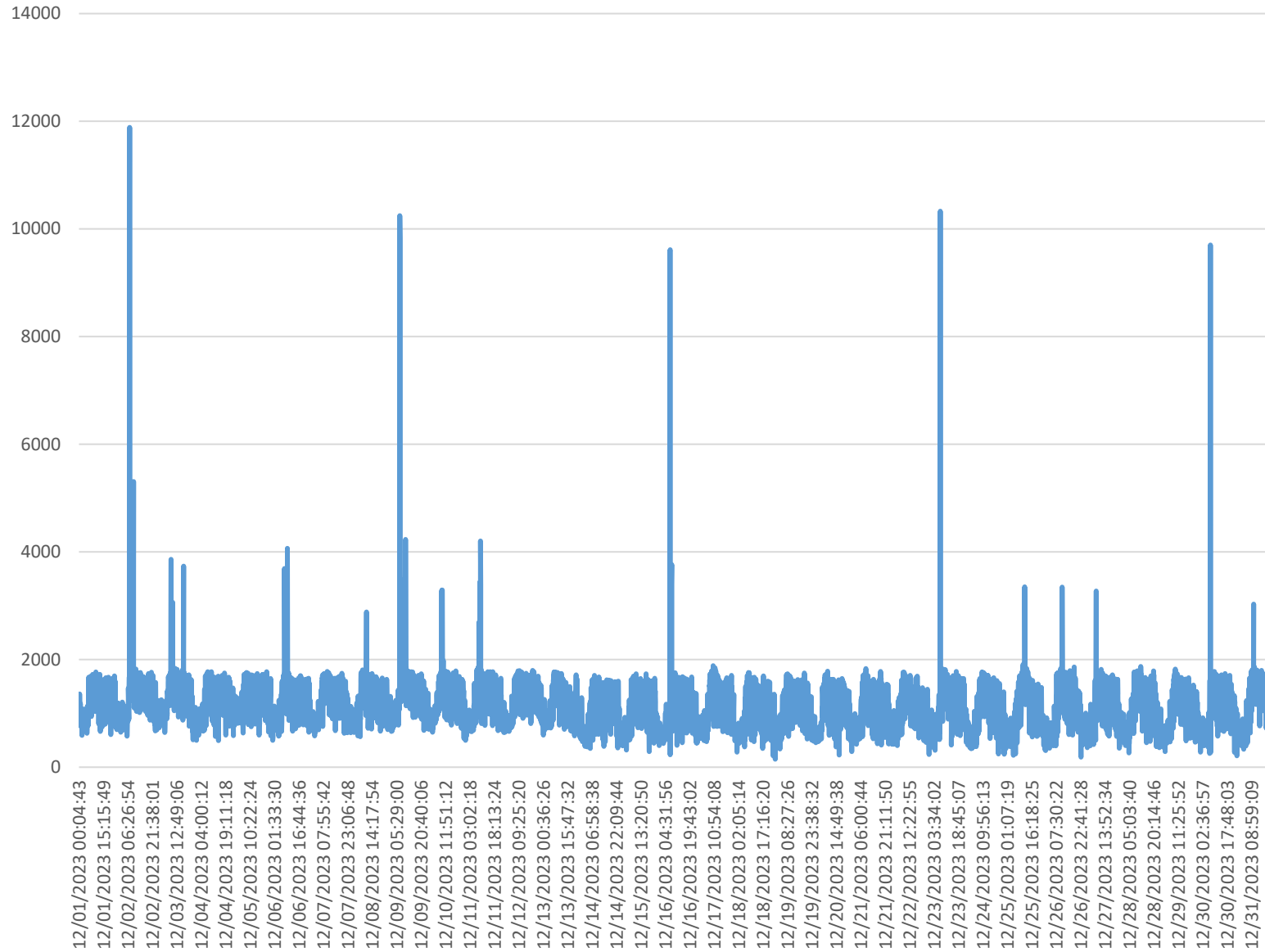
# 2023 Weekly consumption cubic meters

Conservation Trigger points Stage 2: 2500 & Stage 3: 5000

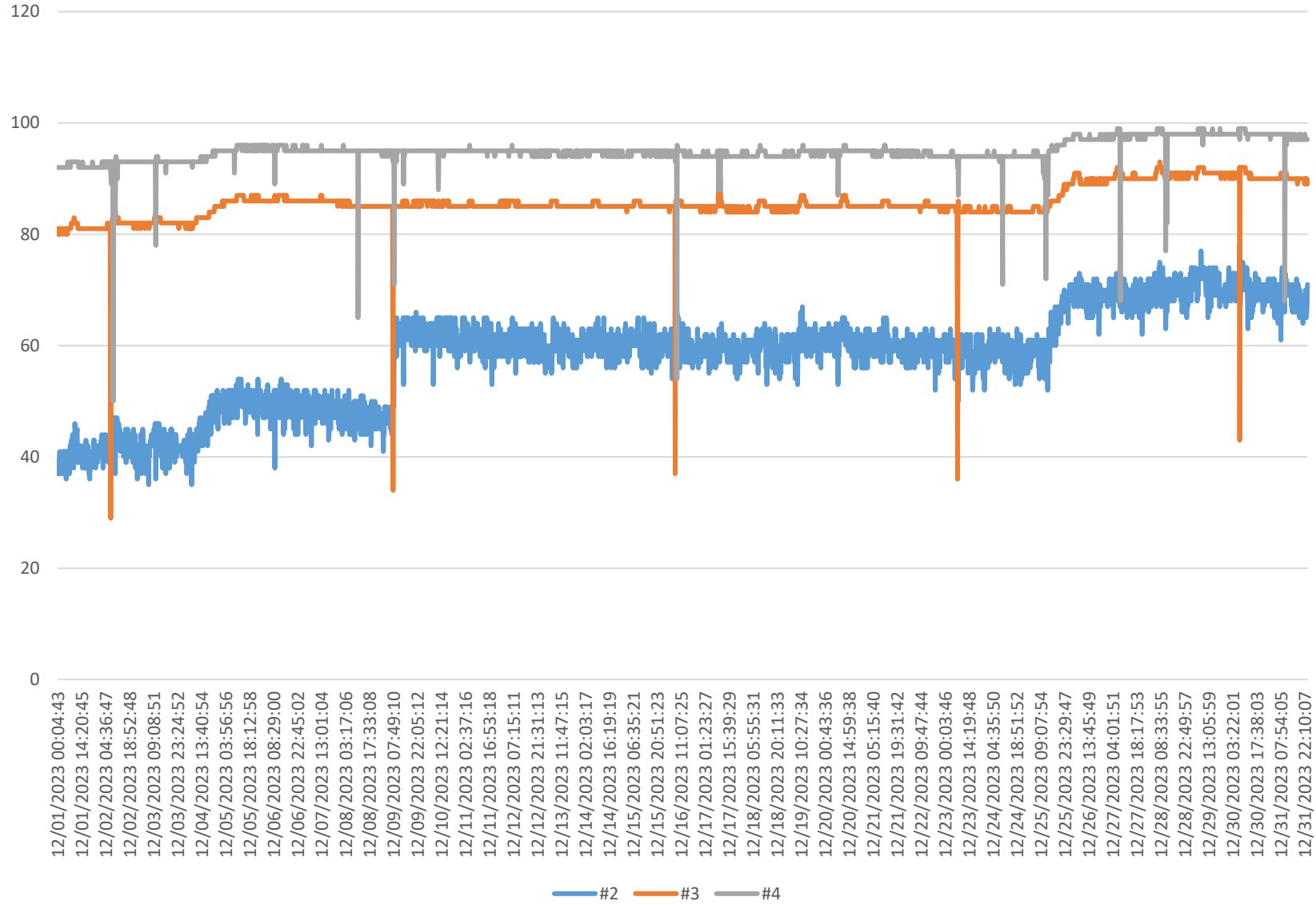




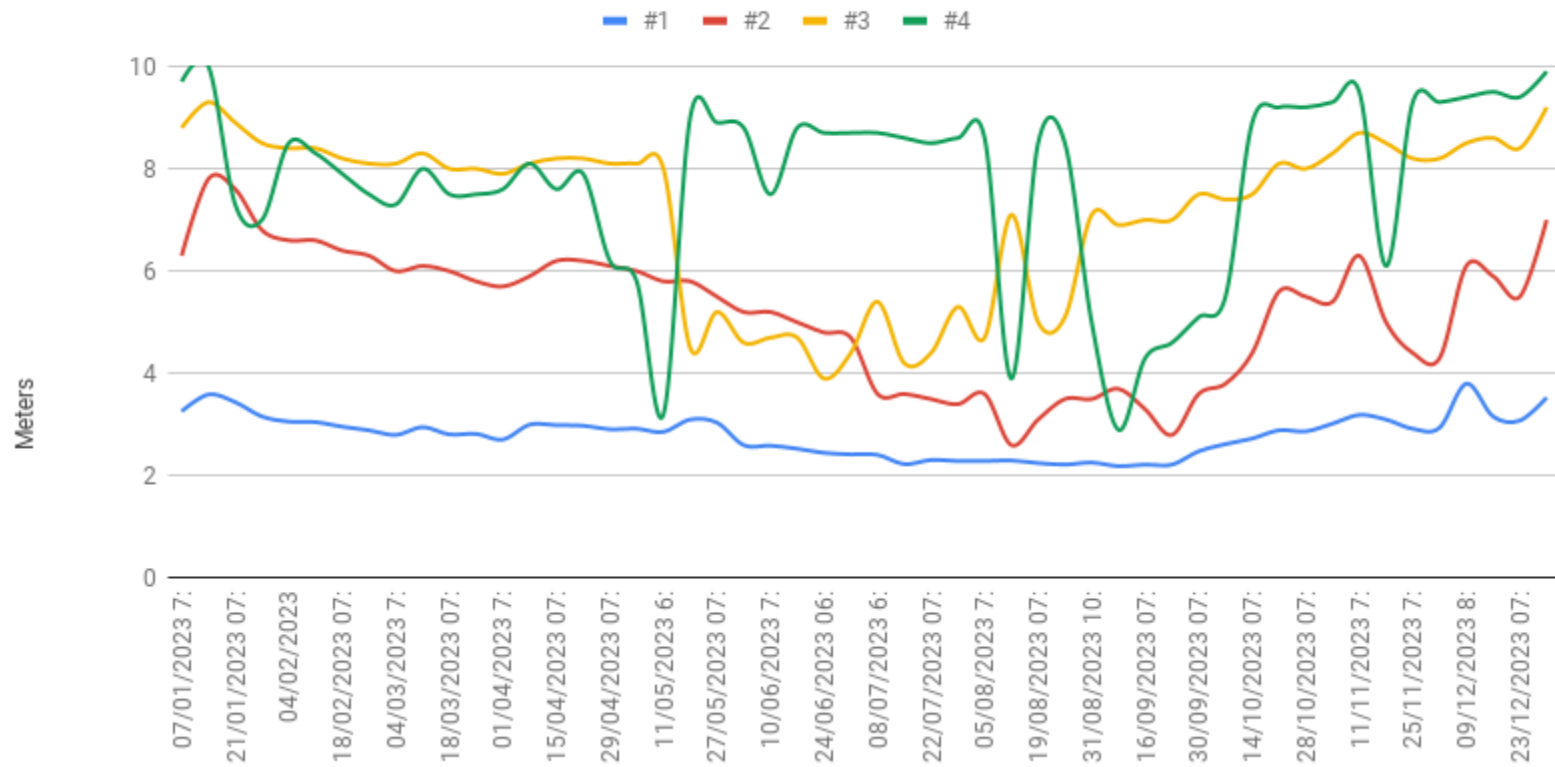
Dec 2023 Flow LPM x 10



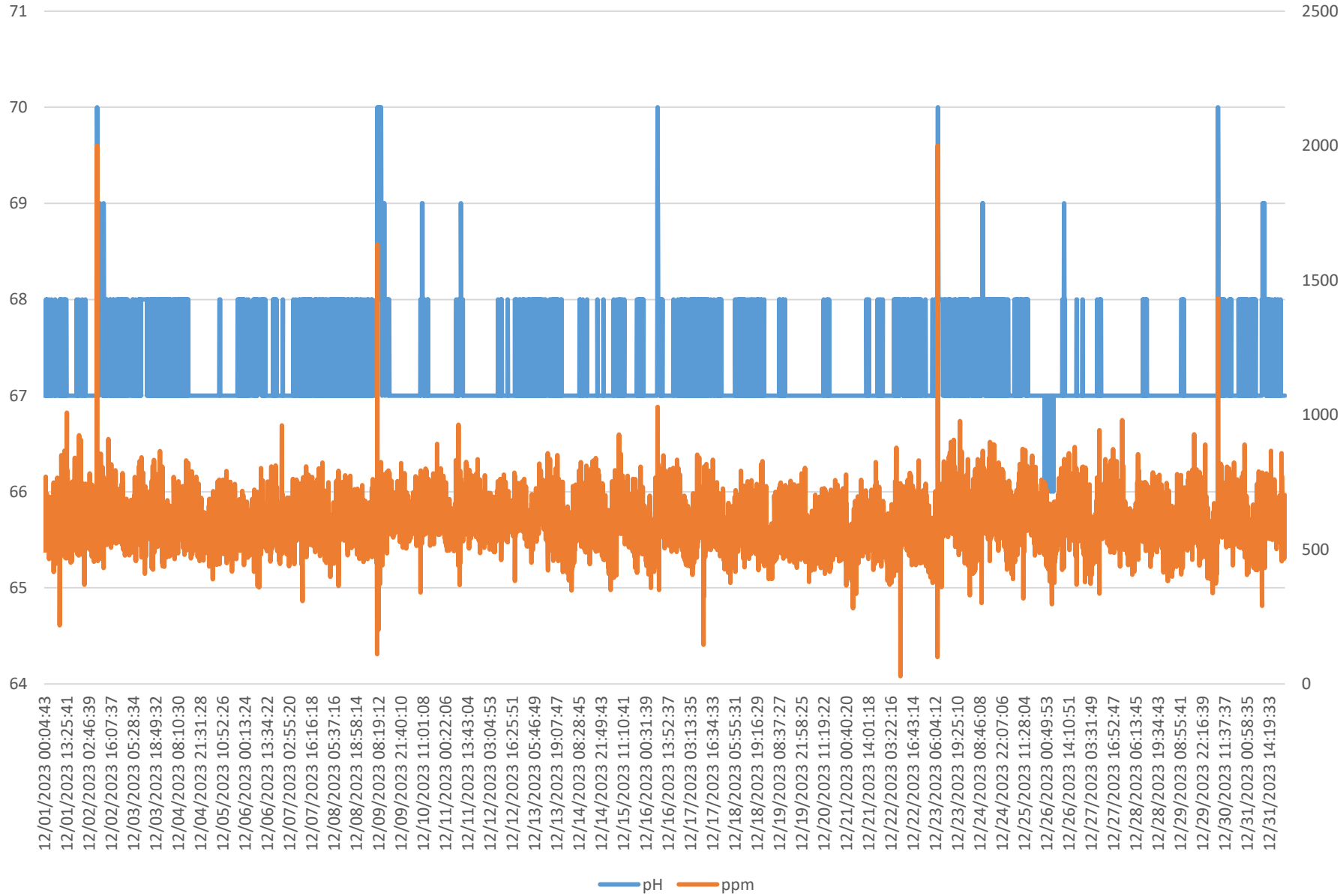
# Dec 2023 Well levels M x 10



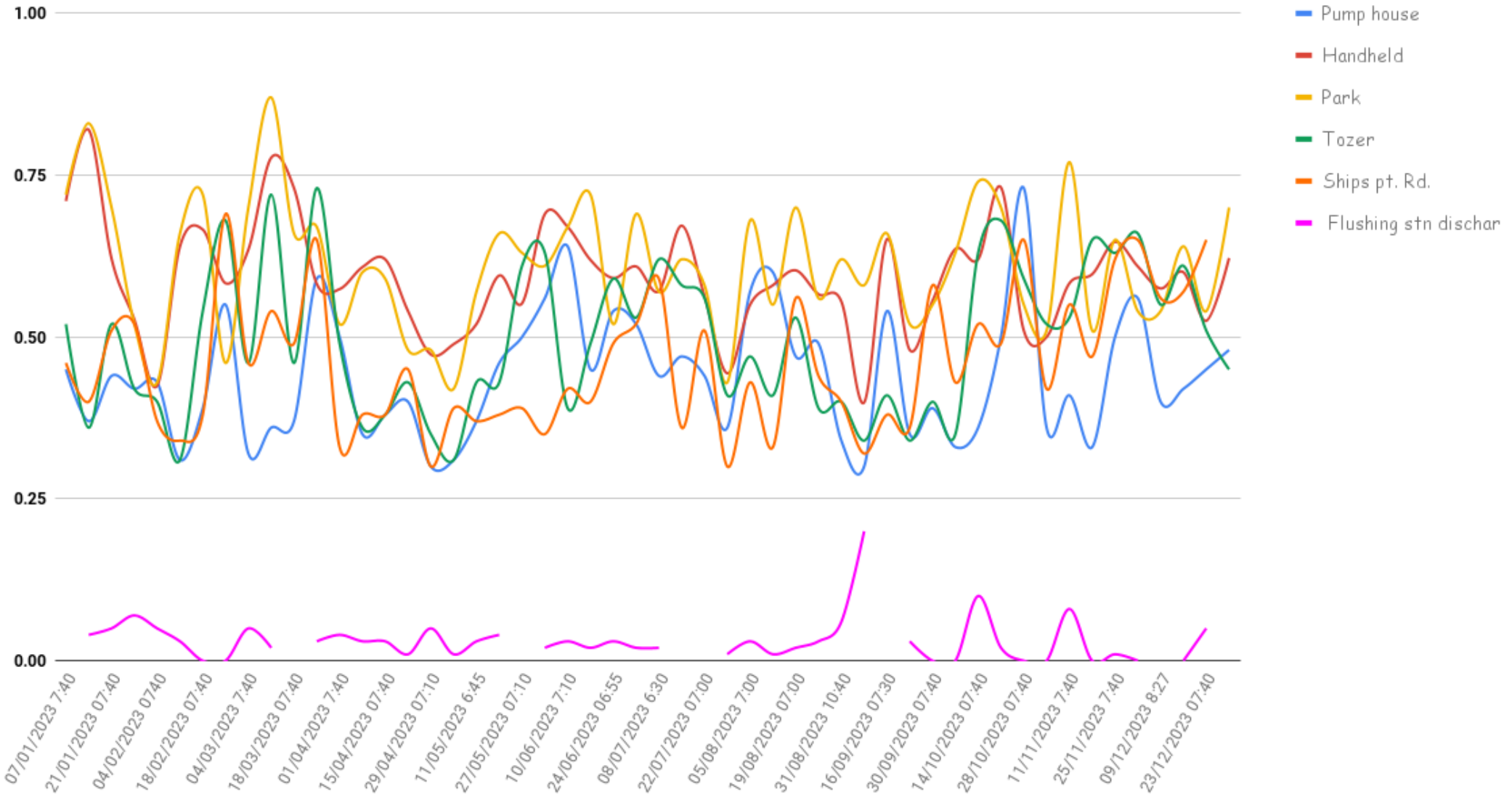
### 2023 weekly well levels



# Dec 2023 Pumphouse CL x 1000 and pHx 10



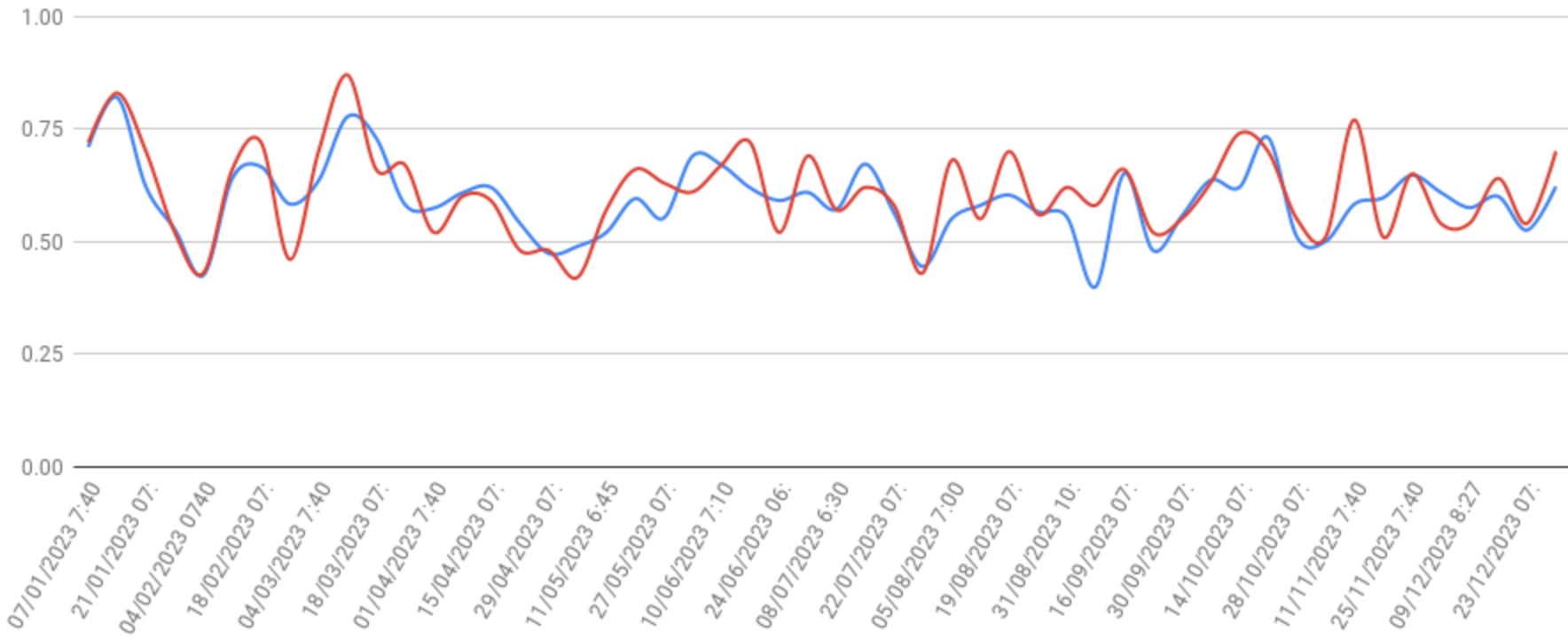
# 2023 Residual Chlorine weekly testing PPM (parts per million)



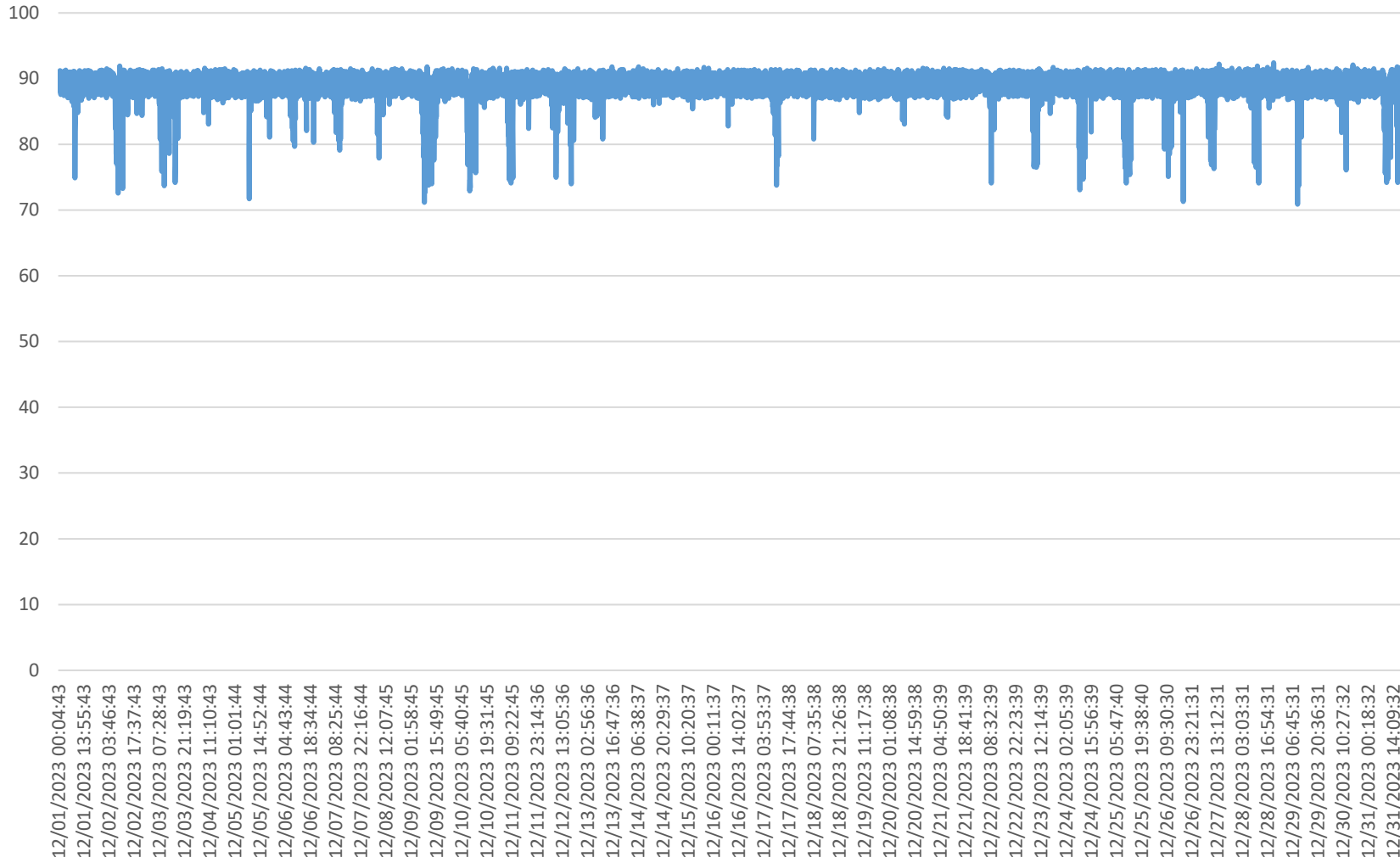


### Chlorine Hand Held vs Pump House

Pump House Hand Held



# Dec 2023 Discharge pressure PSI



### Well #1 and Well #2 from 2019 to now 2023

well #1 well #2

