

Water Operators Report July 2023

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SHIPS POINT IMPROVEMENT DISTRICT

Water consumption

Monthly Consumption	14318 M ³	28	511.36 M ³	Daily Average
Previous year 2022-06	15728 M ³	28	561.71 M ³	Daily Average
			-8.96%	
Vol Well #1 since 19 Jan 2019	289.28 M ³			
Max Flow for month	1590.6 L/Min	Min Flow for month	67.8 L/Min (leak rate)	
Time and Date	01/07/2023 07:06		26/07/2023 09:11	
Pump hours	# 2 549	# 3 255	#4 452	
Previous month hrs	0	87	595	

VIHA Samples

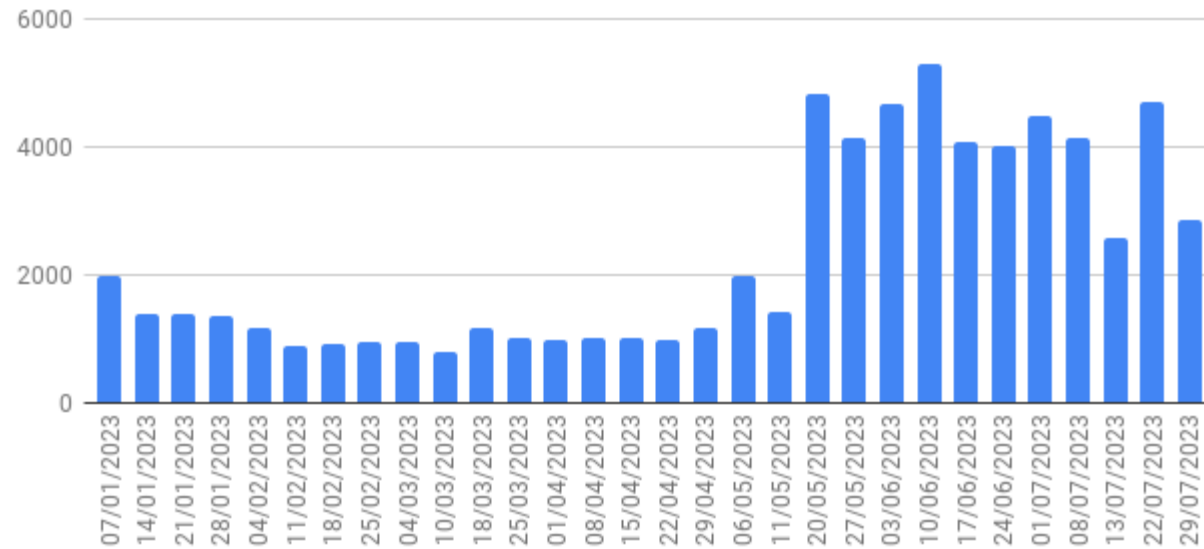
Activity	Date	Location	Sample type	Result	
Monthly	10/07/2023	7941 Park	Drinking water	✓	Sent to VIHA
Sample /testing		7588 Ships Pt.	Drinking water	✓	
		7576 Tozer	Drinking water	✓	
		Well 2	Raw	✓	
		Well 3	Raw	✓	
		Well 4	Raw	✓	

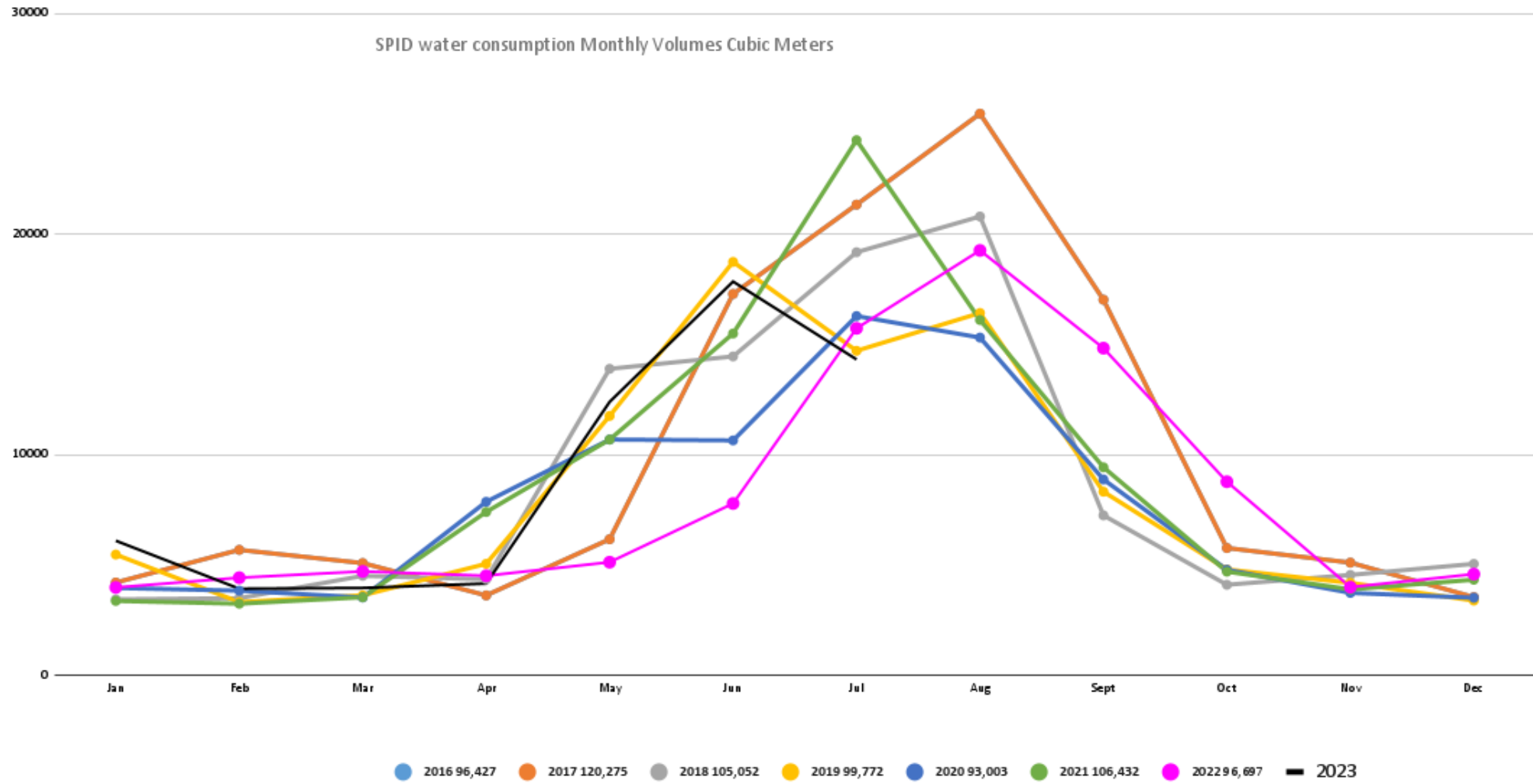
Operations/Maintenance

	Weekly:	
	Meter readings, CL residuals (5 locations) incl flushing station, run pump 1 collect well levels data	
	Check CL tank level and add accordingly	
	Monthly:	
	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	
02/07/2023	experiment: turn off #3 while running at 500LPM to see if # 4 copes with higher flow rate	
	# 3 ramped up to 521 LPM then shut down due to low well level (I did this twice)	
	same result Pump performed okay well not refreshing fast enough	
03/07/2023	Took pictures of Pump house # 2 re UV filtration system for Ian McGill	
04/07/2023	BC one call 7838 Tozer, replace battery in flushing station reduce flushing duration from 10 to 5 min.	
	re water conservation.	
	Spoke to Leslie McDonald Tozer re clogged in line house filter	
05/07/2023	Meet JA and MM re request to VIHA to turn on #2 to support Well # 4 levels	
	took letter to Russ Wentz re water conservation	
	176 Baynes inspect irrigation tie-in, spoke to BT re #2	
06/07/2023	6am power cut, check generator fuel 63%, shock #2 well 250ml hopper solution (12% at 3:1)	
	topped up with 500ml water poured into well at 07:00 request quote for water meter options,	
	12:45 bring #2 online including flushing well & lines 3pm meet Ian McGill on site re GARP	
	He recommends clean up site of all potential coliform sources and record process for VIHA	
	collect samples to gather sufficient data before proceeding with UV filtration see his report	
09/07/2023	7723 SPR leak beside drive request Nina contact owner	
12/07/2023	request water meter quote from: Icoix, Westech, Pembina controls	
	all came back unable to provide quote	
18/07/2023	Reset Idec panel re USB reader frozen, Called JMR landscaping fully booked to end of year	
21/07/2023	Contact Rob S re vegetation removal and meet on site to go over scope of work re estimate	
26/07/2023	BC one call 7714 SPR	

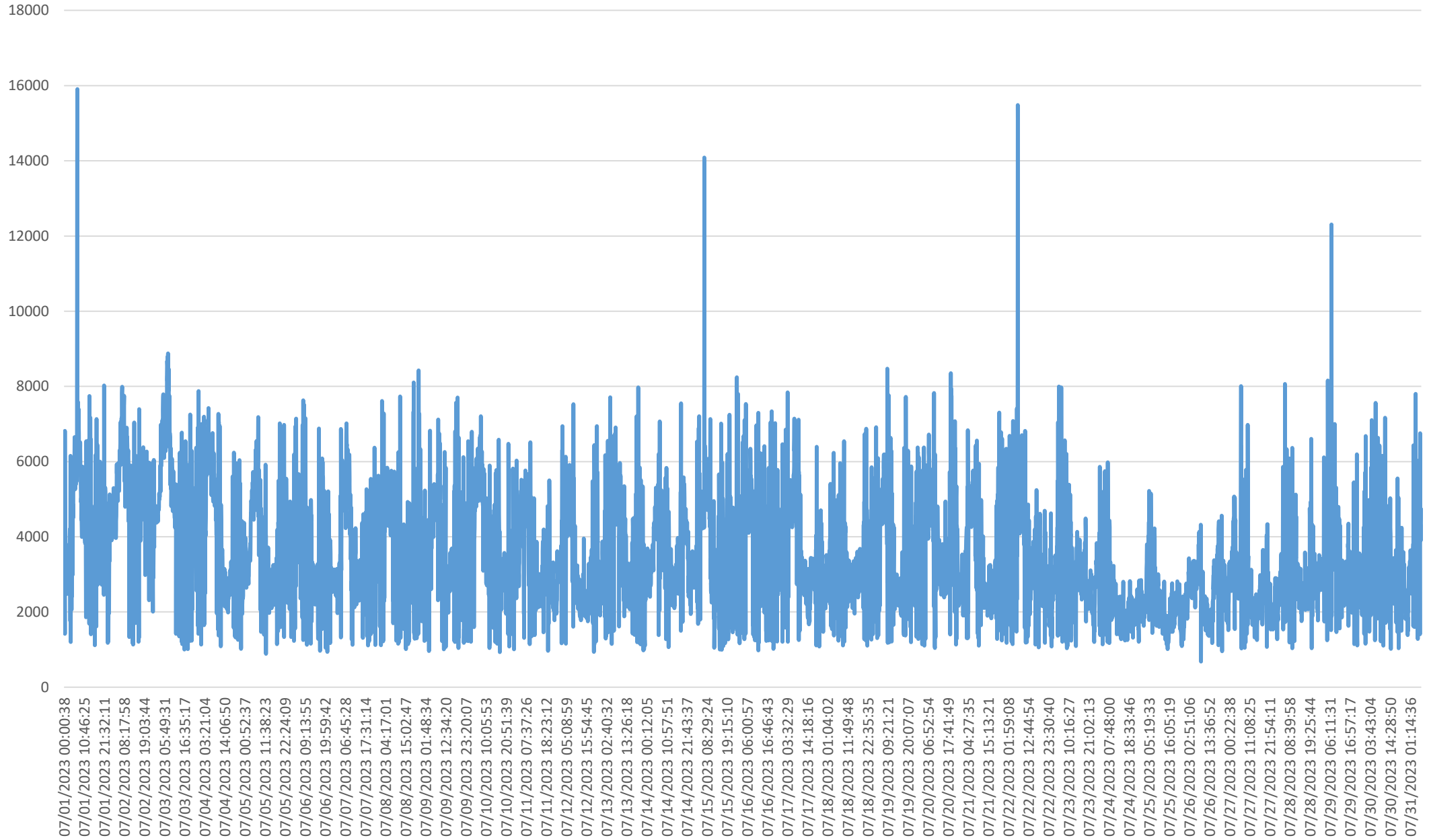
2023 Weekly consumption cubic meters

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

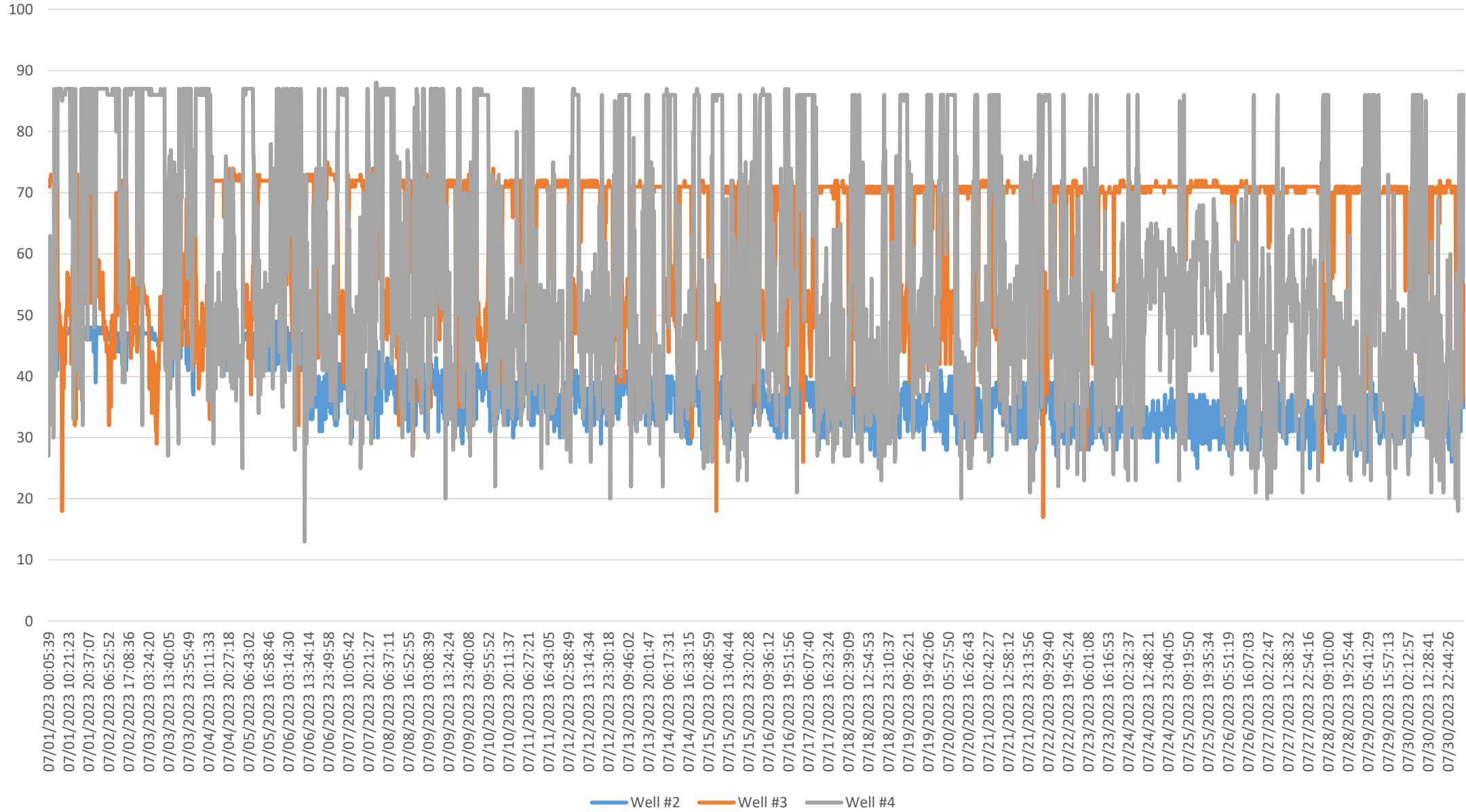




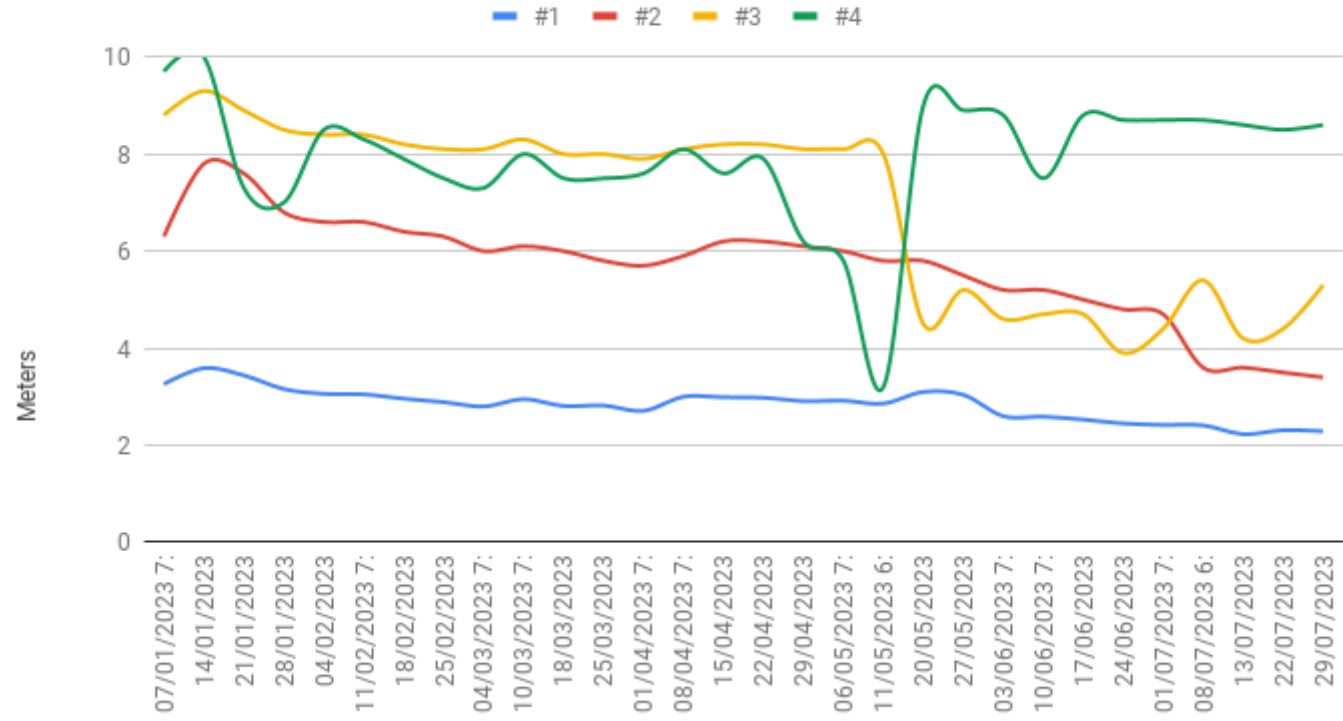
July 2023 Flow LPM x 10



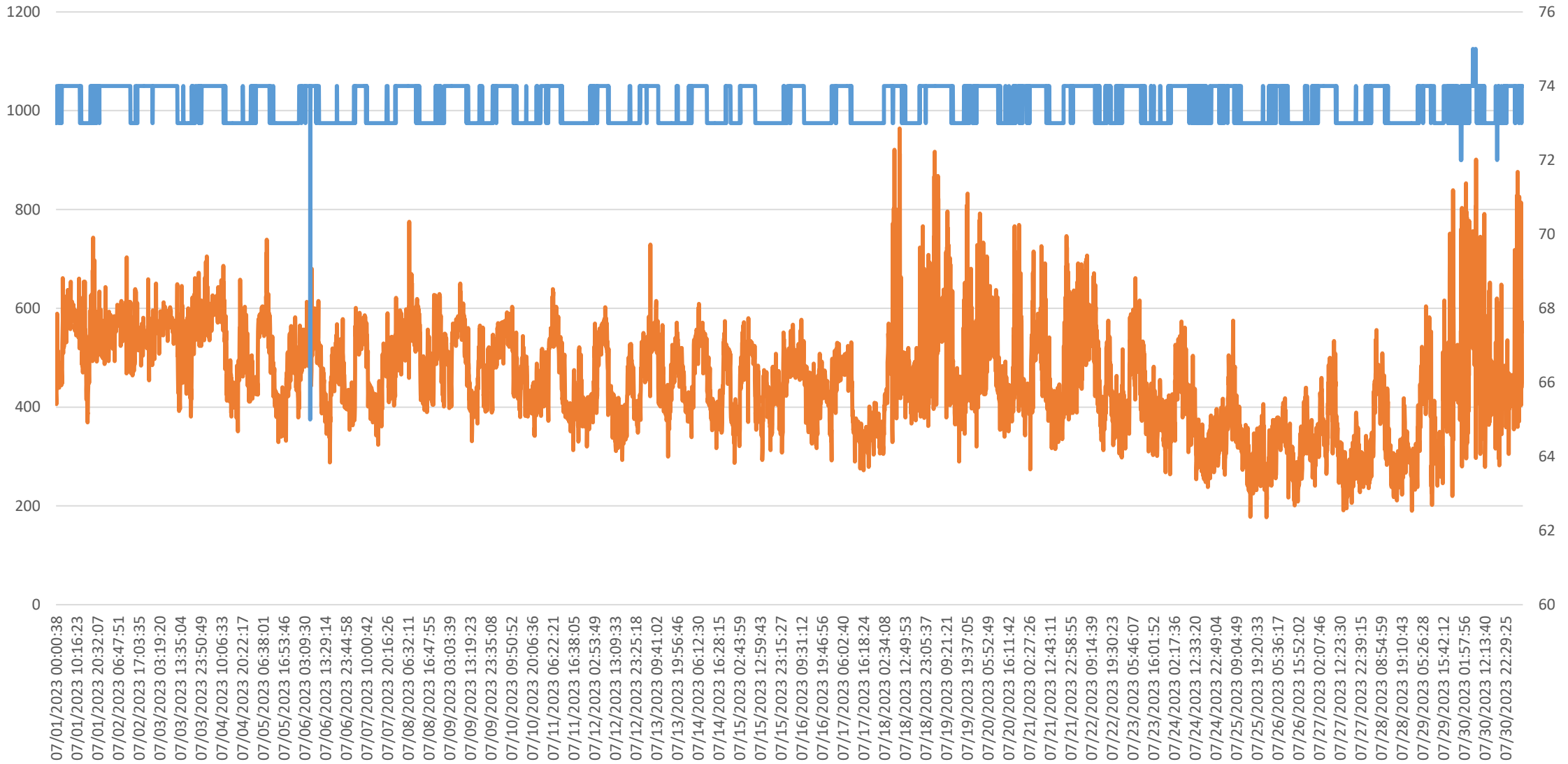
July 2023 Well Levels M x 10



2023 weekly well levels

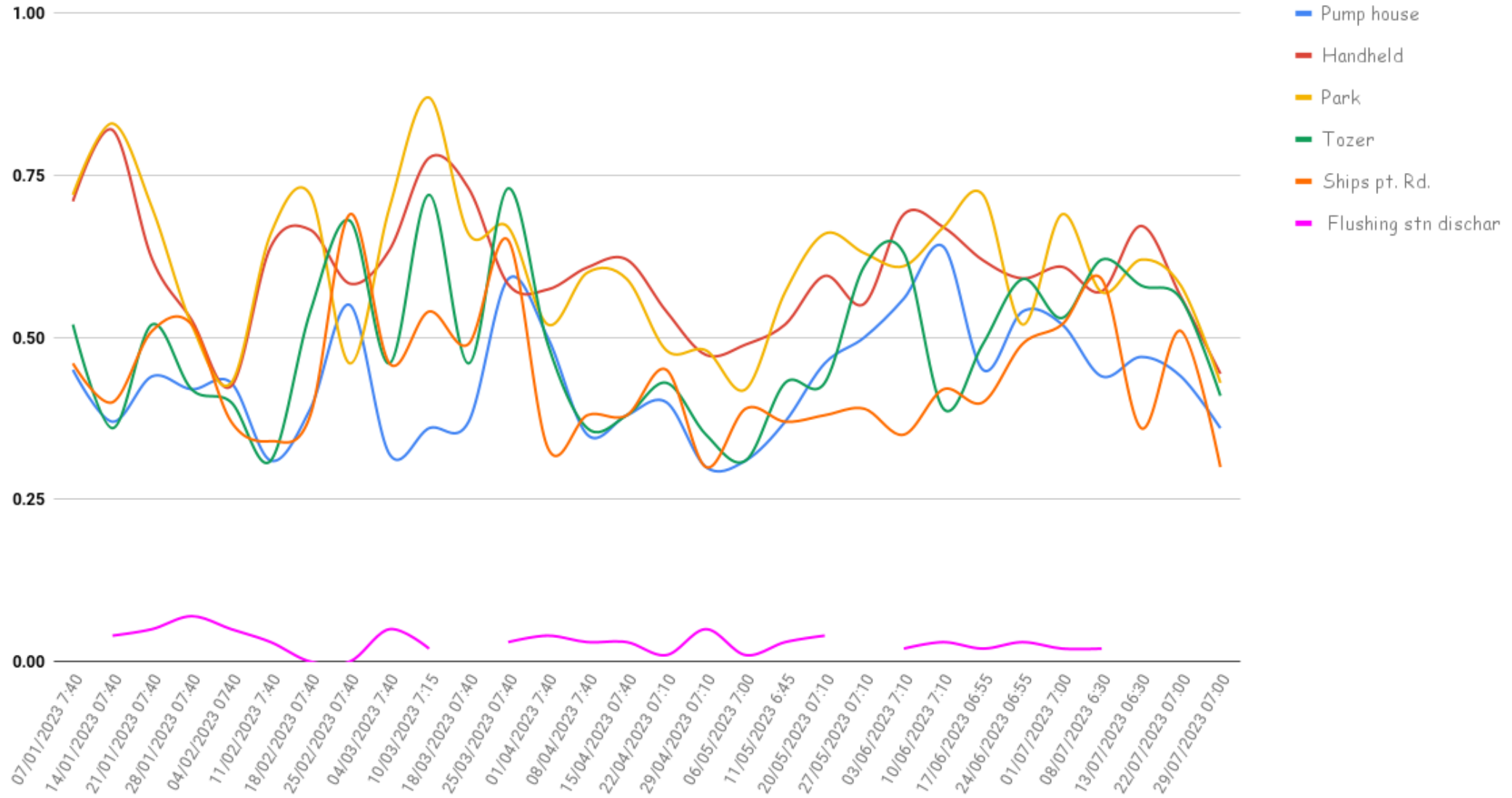


July 2023 Pumphouse Chlorine PPM x 1000 and pHx10



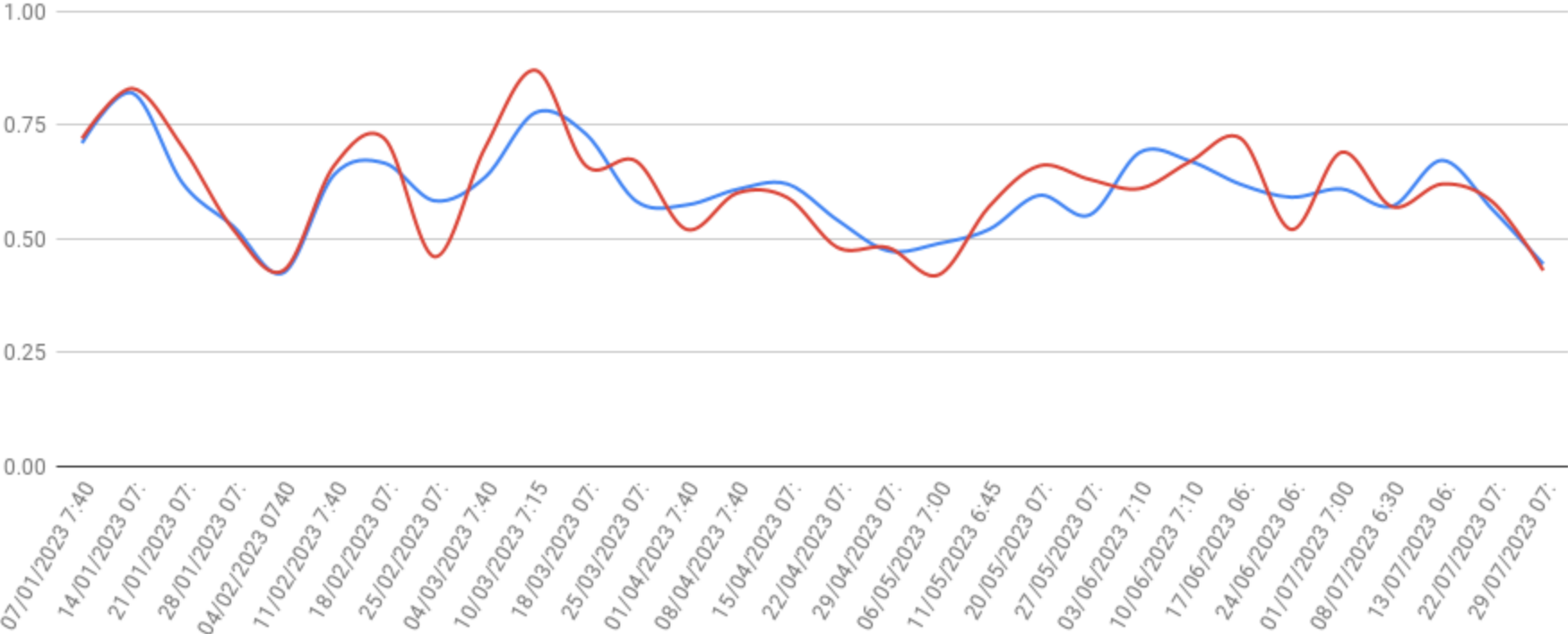
— PPM — pH

2023 Residual Chlorine weekly testing PPM (parts per million)



Chlorine Hand Held vs Pump House

Pump House Hand Held



July 2023 Pumphouse discharge pressure PSI

