

Water Operators Report May 2023

Prepared by: Dave Shepherd



SHIPS POINT IMPROVEMENT DISTRICT

Water consumption

Monthly Consumption	12393 M ³	28	442.61 M ³	Daily Average
Previous year 2022-05	5125 M ³	28	183.04 M ³	Daily Average
			141.81%	
Vol Well #1 since 19 Jan 2019	280.98 M ³			
Max Flow for month	2391.2 L/Min	Min Flow for month	55 L/Min (leak rate)	
Time and Date	18/05/2023 09:27		2/05/2023 00:18	
Pump hours	# 2 0	# 3 87	# 4 595	
Previous month hrs	0	1	670	

VIHA Samples

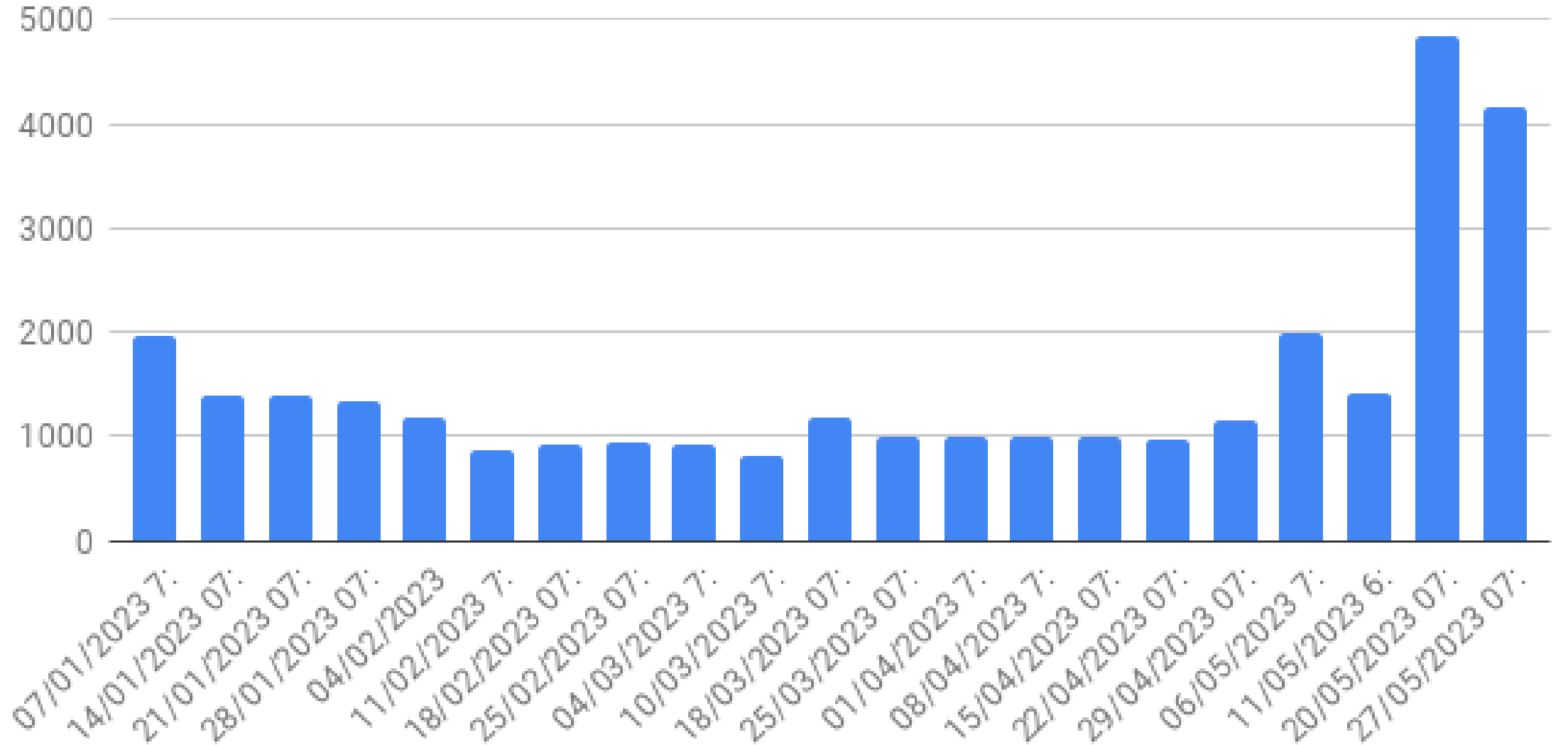
Activity	Date	Location	Sample type	Result	
Monthly	08/05/2023	7941 Park	Drinking water	✓	} Sent to VIHA
Sample /testing		7588 Ships Pt.	Drinking water	✓	
		7576 Tozer	Drinking water	✓	
		Well 2	Raw	✓	
		Well 3	Raw	✓	
		Well 4	Raw	✓	

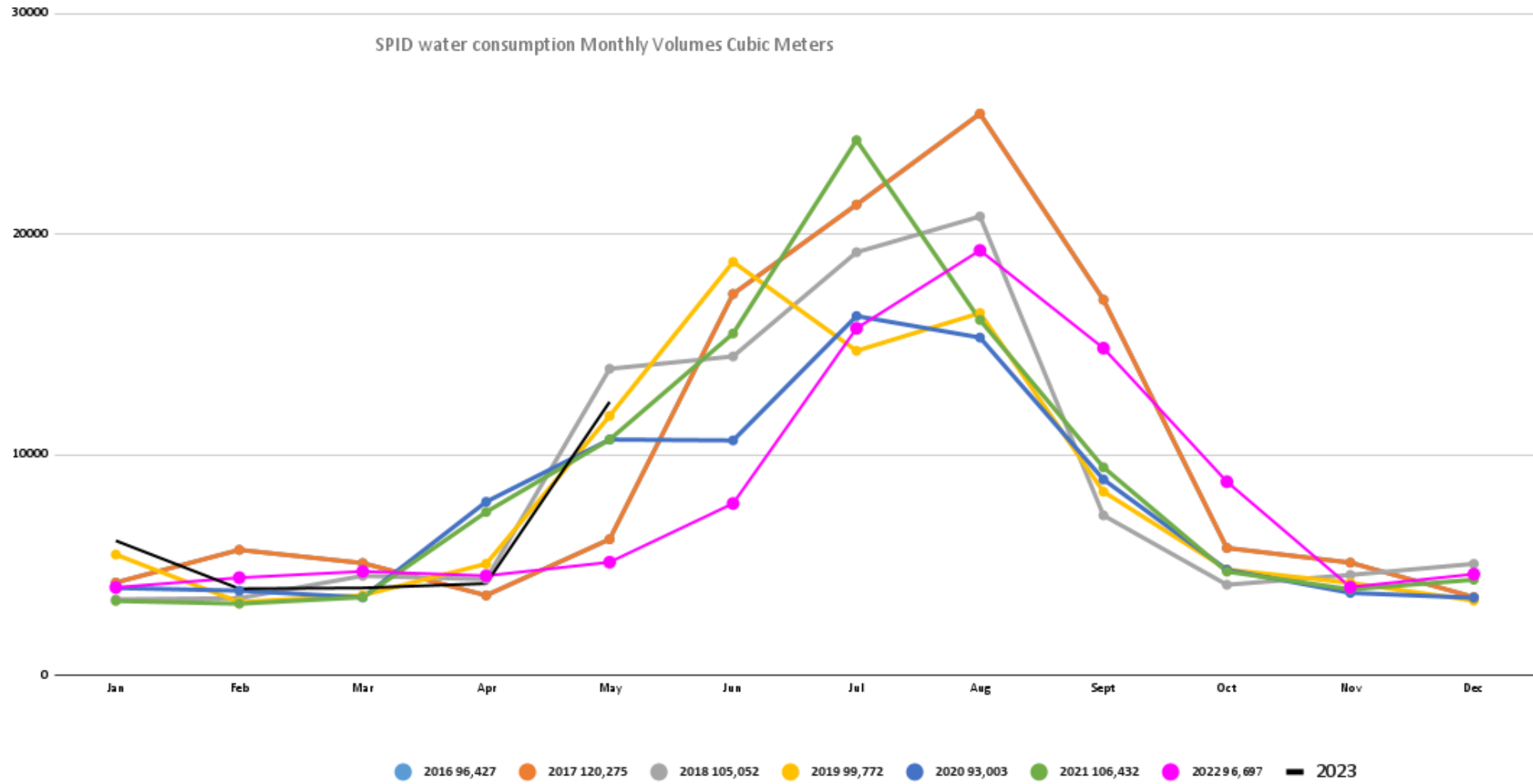
Operations/Maintenance

	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	
3/05/2023	Go over VIHA ERCP	
06/05/2023	Turn on DeHu in control room due to condensation	
08/05/2023	Concern re leak at 7862 SPR re wet frontage, previously checked neighbour (ground water)	
09/05/2023	Sent Troy PBX email re PLC program change	
	Research WiFi valve for Pump house fire protection sprinkler	
13/05/2023	Home owner Tozer concernd re low PSI, checked pump house discharge pressure a few times 70psi during pump switching, in the past we have run #2 on manual to buffer these flutuations, Mike checked on site and found poor plumbing to gaden hose.	
16/05/2023	order 8xcarbonyls, ordered WiFi valve, create new flushing plan	
18/05/2023	Valve exersize, Hydrant and main line flushing	
21/05/2023	Update ERCP	
25/05/2023	write up requirements /parameters for PLC program change as Troy no longer works for PBX so cant use re no insurance	
26/05/2023	Review edit response to VIHA re ERCP	
27/05/2023	Based on pumphouse flow Water consevation at stage 2. sign changed	

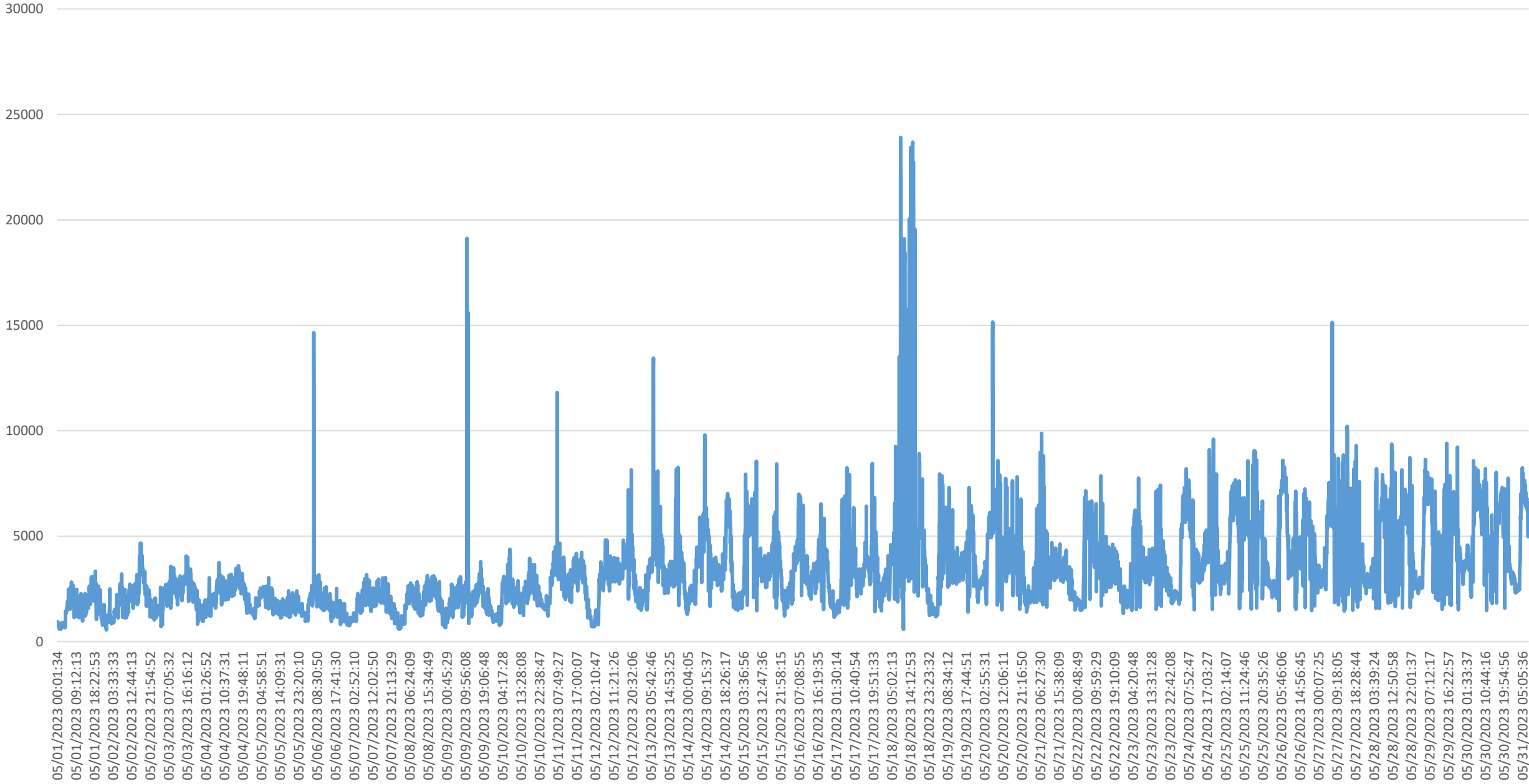
2023 Weekly consumption cubic meters

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

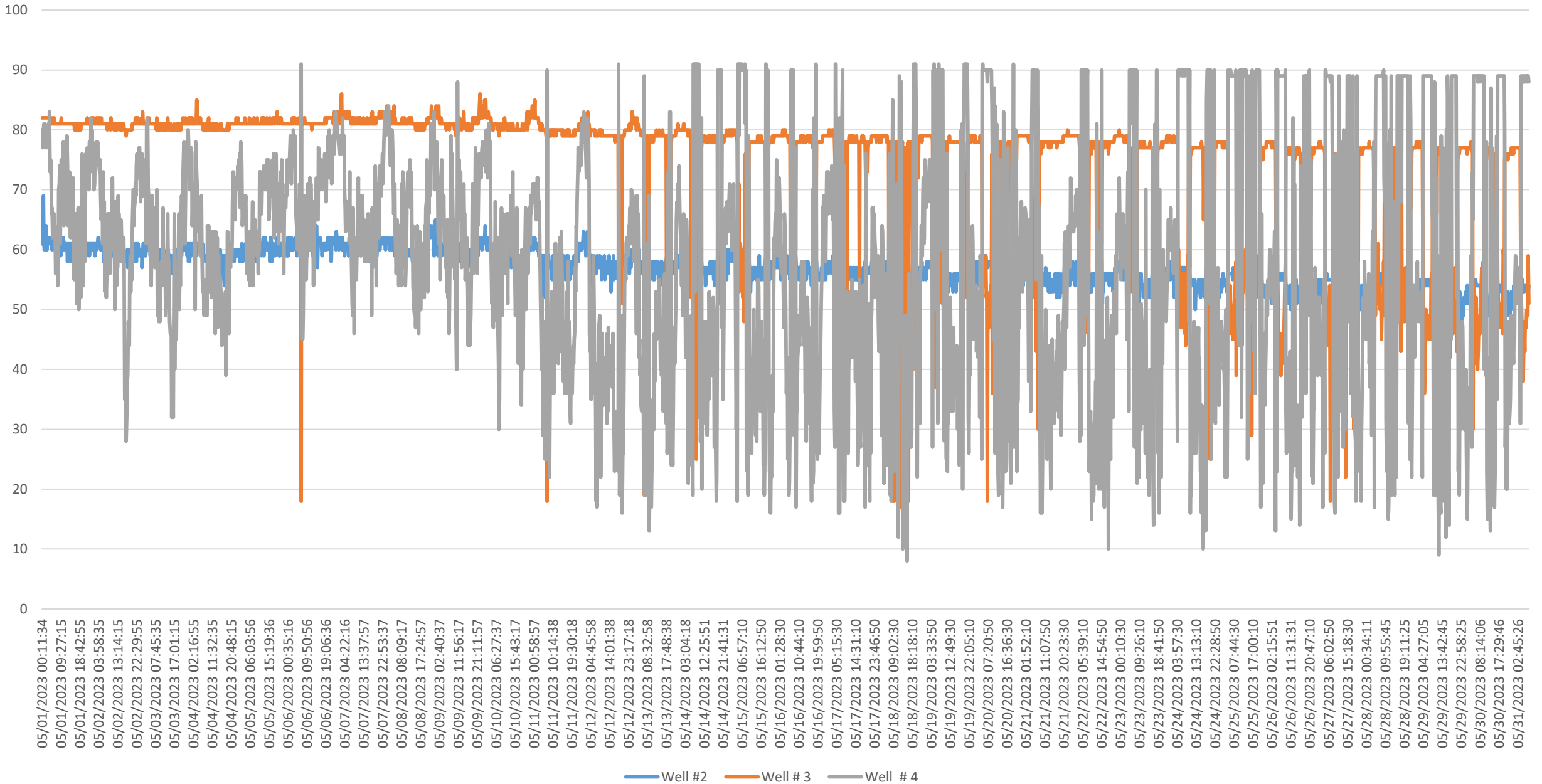




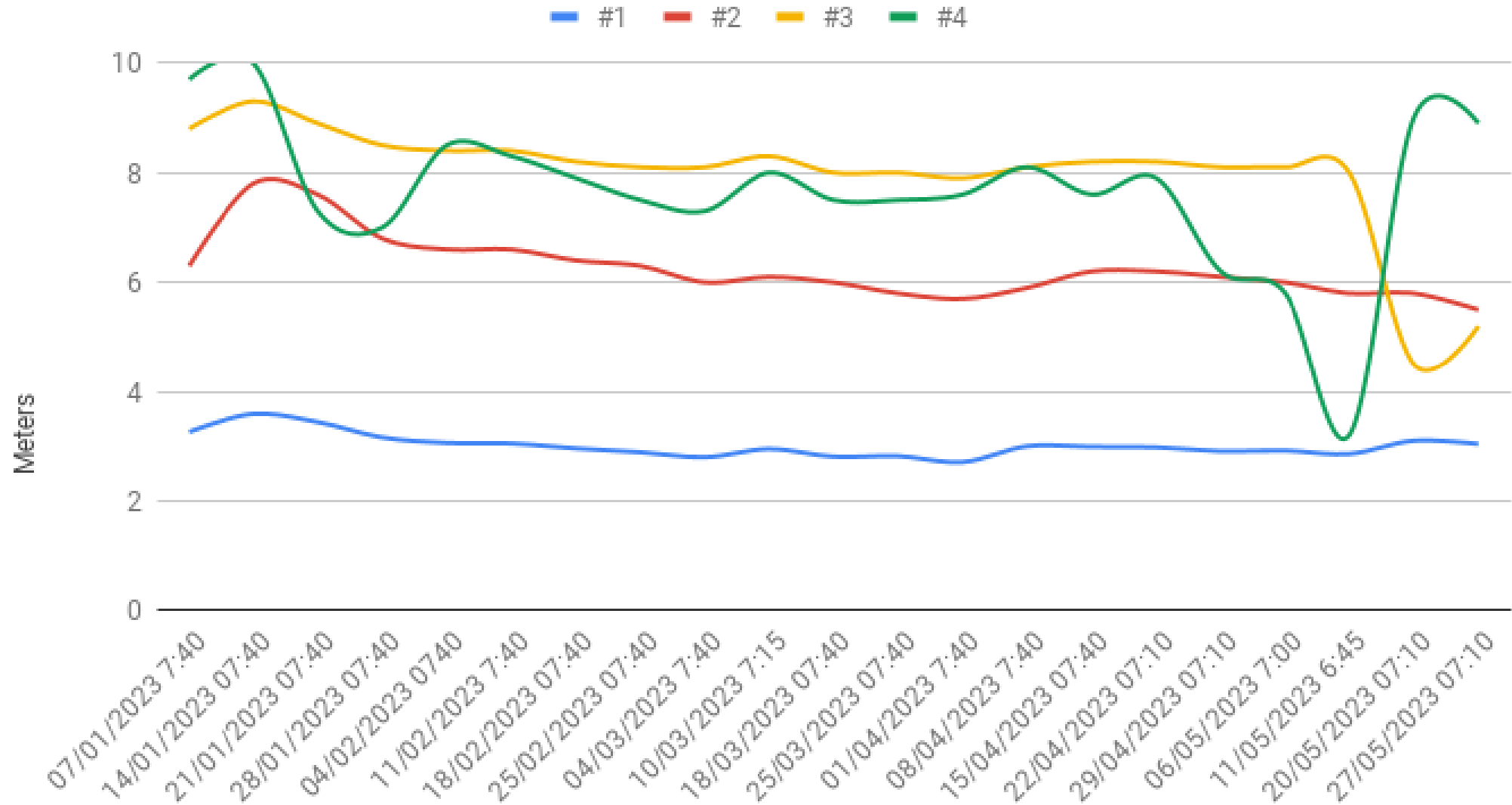
May 2023 Pumphouse flow LPM x 10



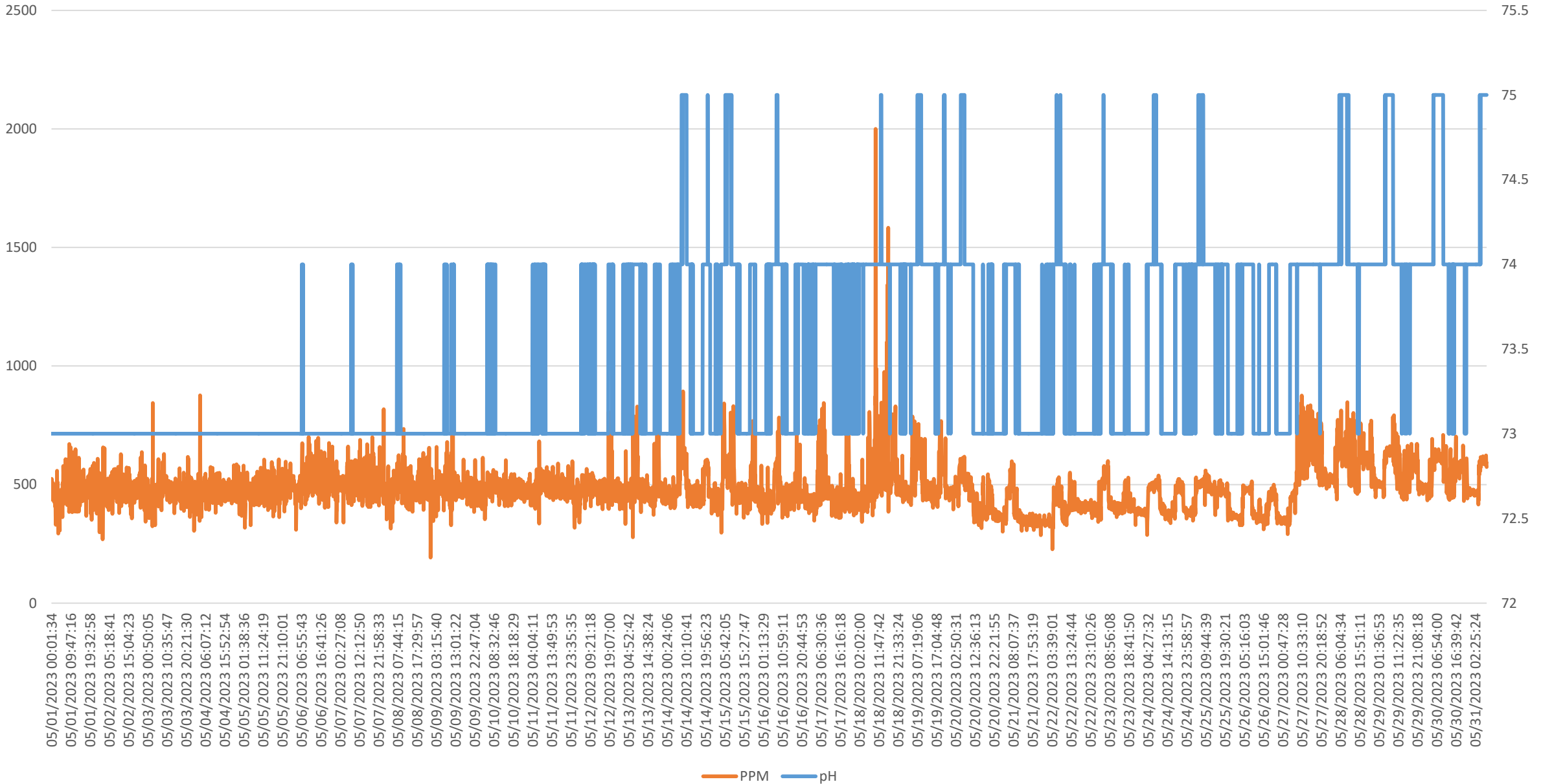
May 2023 well levels



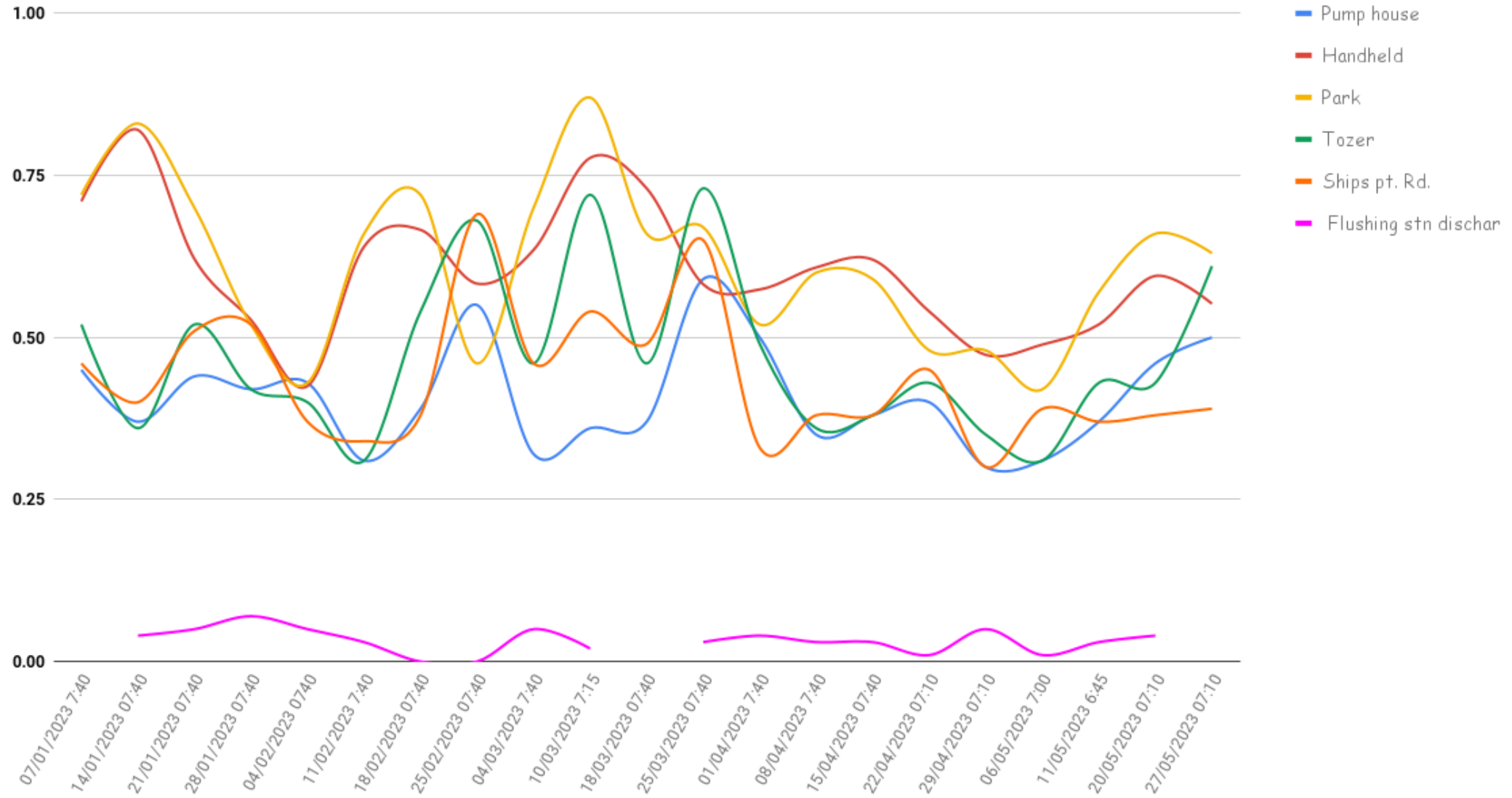
2023 weekly well levels



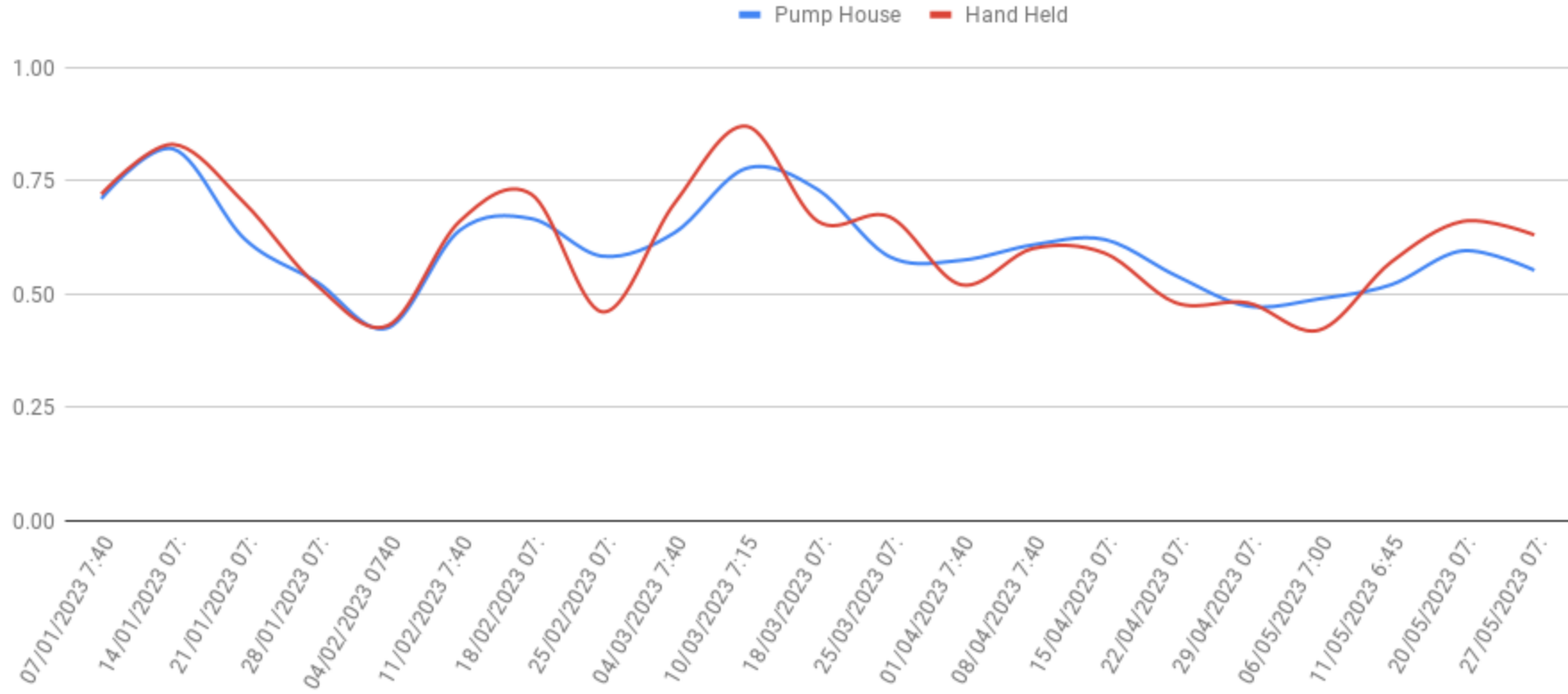
May 2023 Pumphouse chlorine and pH



2023 Residual Chlorine weekly testing PPM (parts per million)



Chlorine Hand Held vs Pump House



May 2023 Pumphouse discharge pressure PSI

