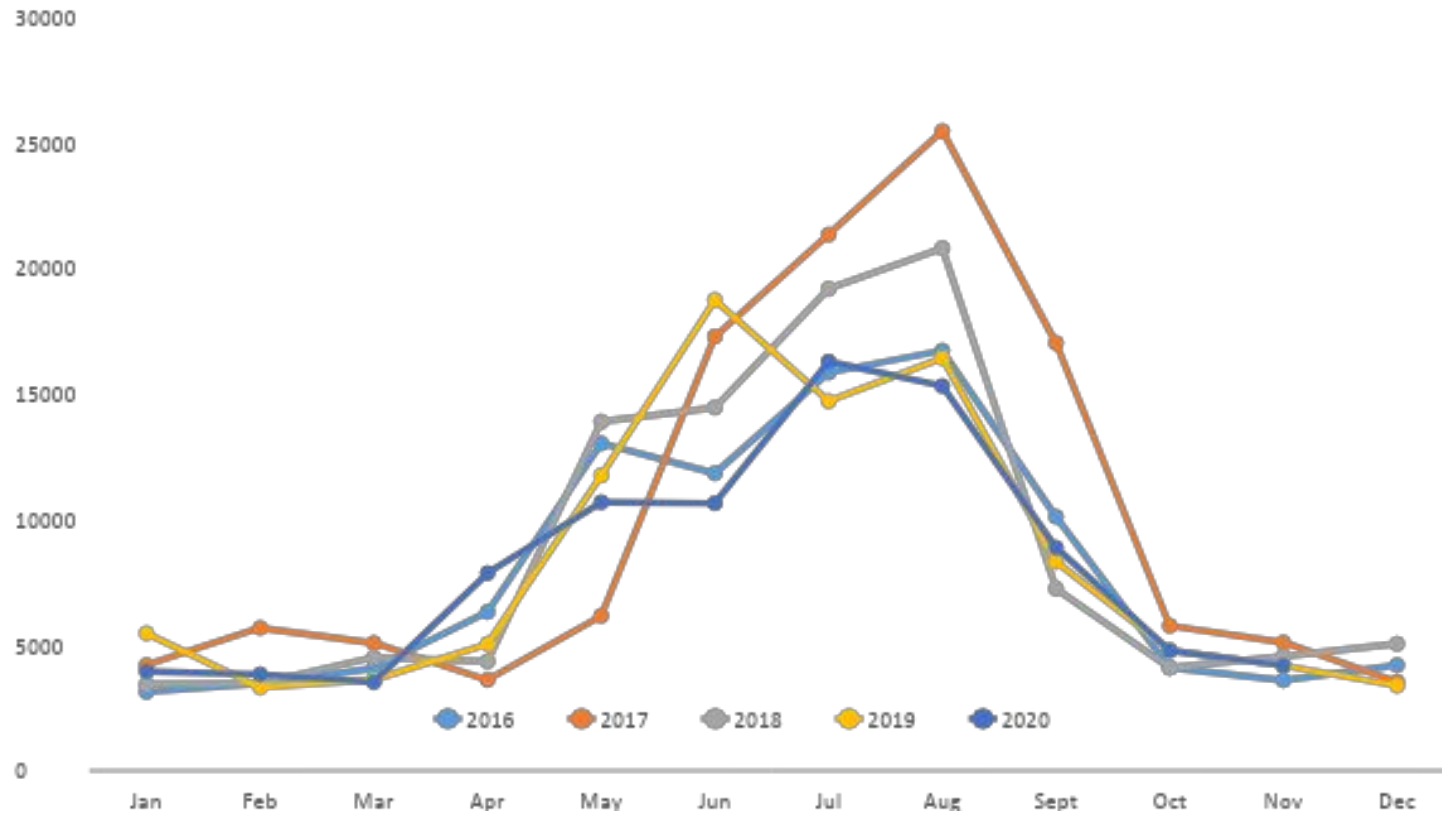
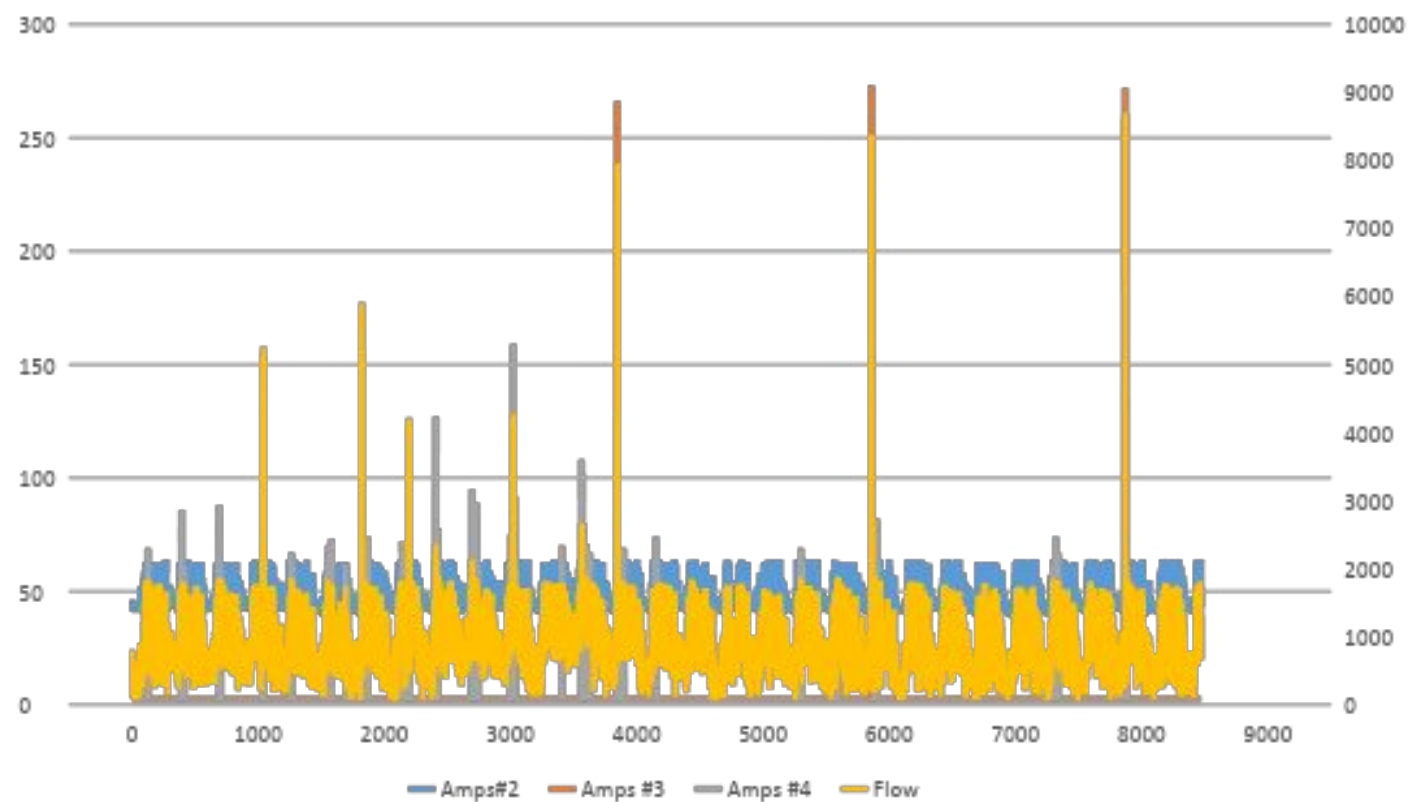


Water Operator Report Nov 2020					
Prepared by: Dave Shepherd					 SHIPS POINT IMPROVEMENT DISTRICT
Water consumption					
Monthly Consumption	3733 M ³	28	133.32 M ³	Daily Average	
Previous year 2019-11	4187 M ³	28	149.54 M ³	Daily Average	
			-10.84%		
Vol Well #1 since 19 Jan 2019	106.17 M ³				
Max Flow for month	869.6 L/Min	Min Flow for month	5.6 L/Min (leak rate)		
Time and Date	2020-28-11 08:57:00		2020-20-11 06:18:00		
Pump hours	# 2 671	# 3 1	#4 6		
Previous month hrs	627	1	58		
Samples					
Activity	Date	Location	Sample type	Result	
Monthly	13/10/2020	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, run pump 1 collect well levels data				
	Monthly Data/report, replace CL membrane, VIHA samples add & order chlorine				
02/11/2020	Email Holland from Iconex re pump curves, call tech from Herron instruments re #4 sensor				
04/11/2020	Comox Valley Water and Sewer continuum meeting, Assist Dieter re measuring Freq on VFD's Also measure noise on 24vDC supply for #4 sensor issues NFF				
	Set up and attend SPID AGM				
06/11/2020	put resistor back on #4 sensor!				
07/11/2020	Adjust CL pump to 50% output to match old pumps				
18/11/2020	Attend CWSA on line training 8am to 4pm Breaks and repairs (CEU's 0.6)				
19/11/2020	Attend CWSA AGM and trade show (0.6 CEU's)				
20/11/2020	Attend BCWWA Small water systems network on line meeting				
24/11/2020	Cal out low CL, Replace membrane, increase sensor flow, chase small leak, increase dose Check Generator after power cut Fuel at 95% (previously showing fault Fuel High)				

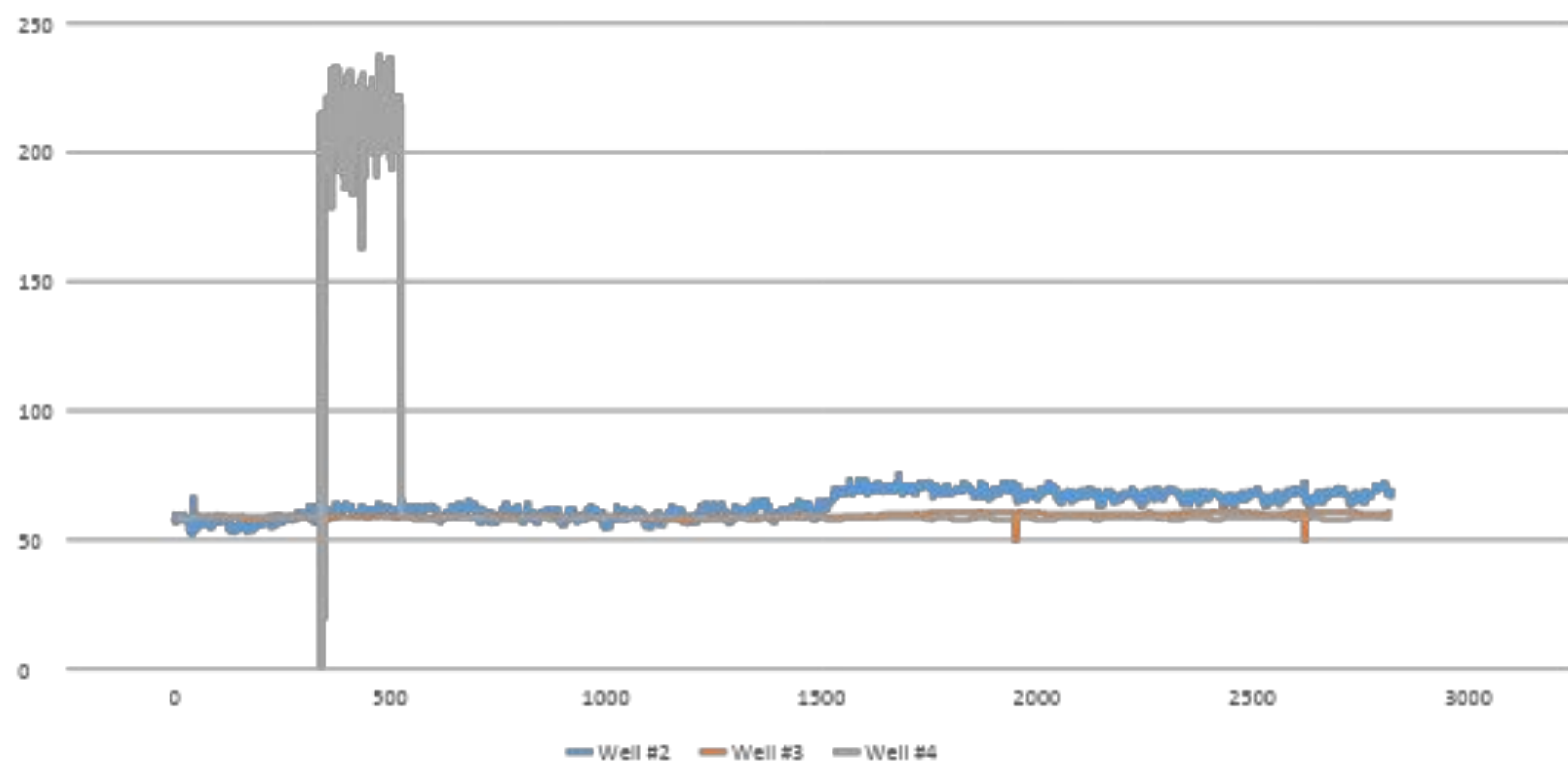
SPID water consumption Yearly volumes M3



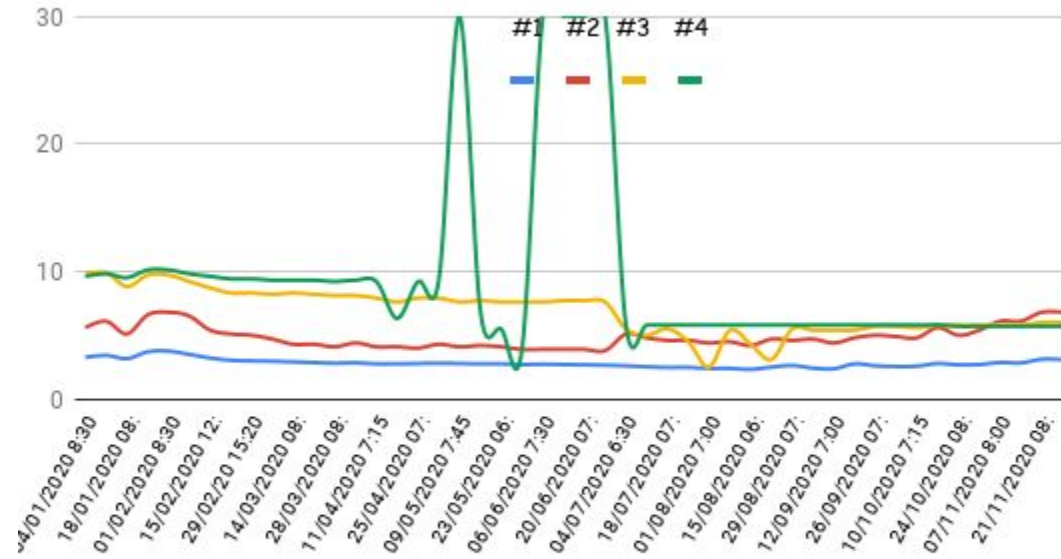
Nov 2020 Flow LPM x 10 & Amps x10



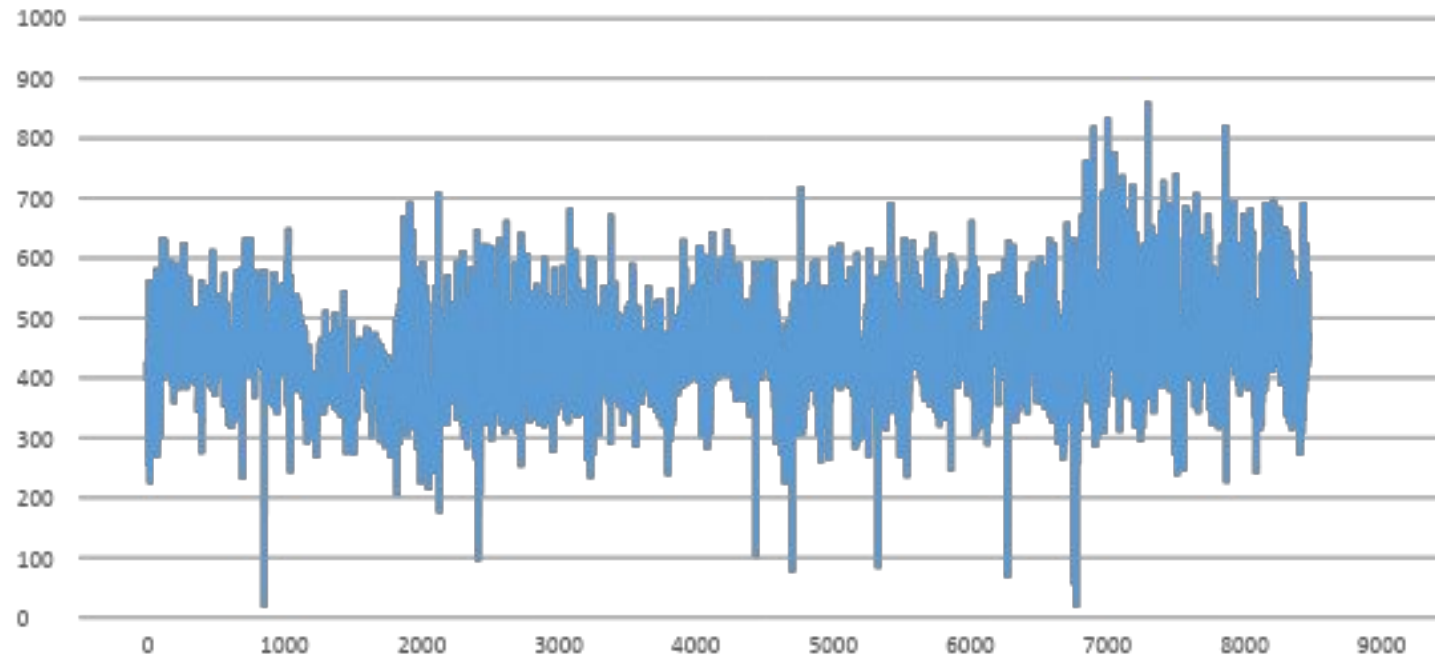
November 2020 Well levels M x 10



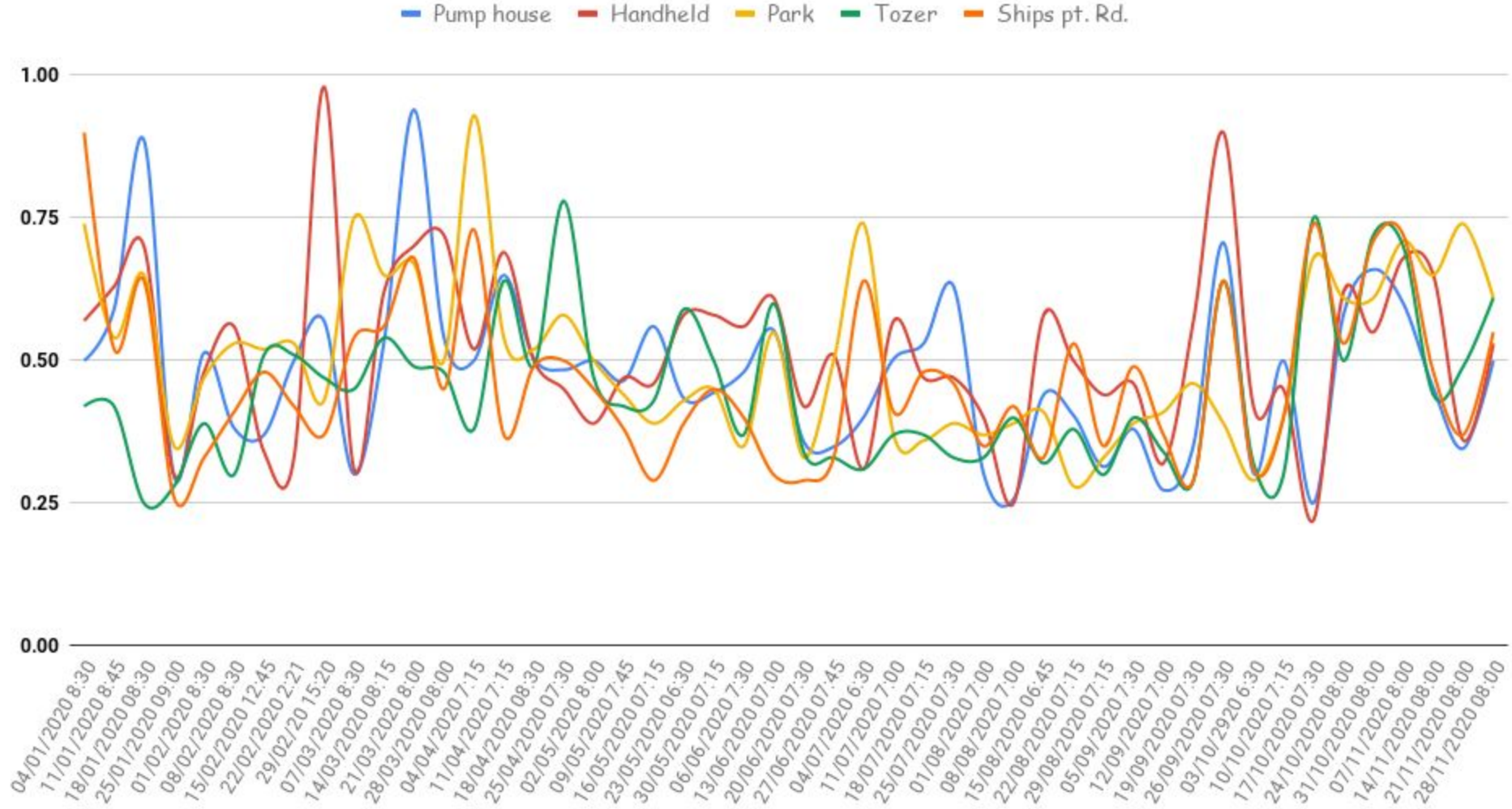
2020 Spid Well Levels Meters Weekly

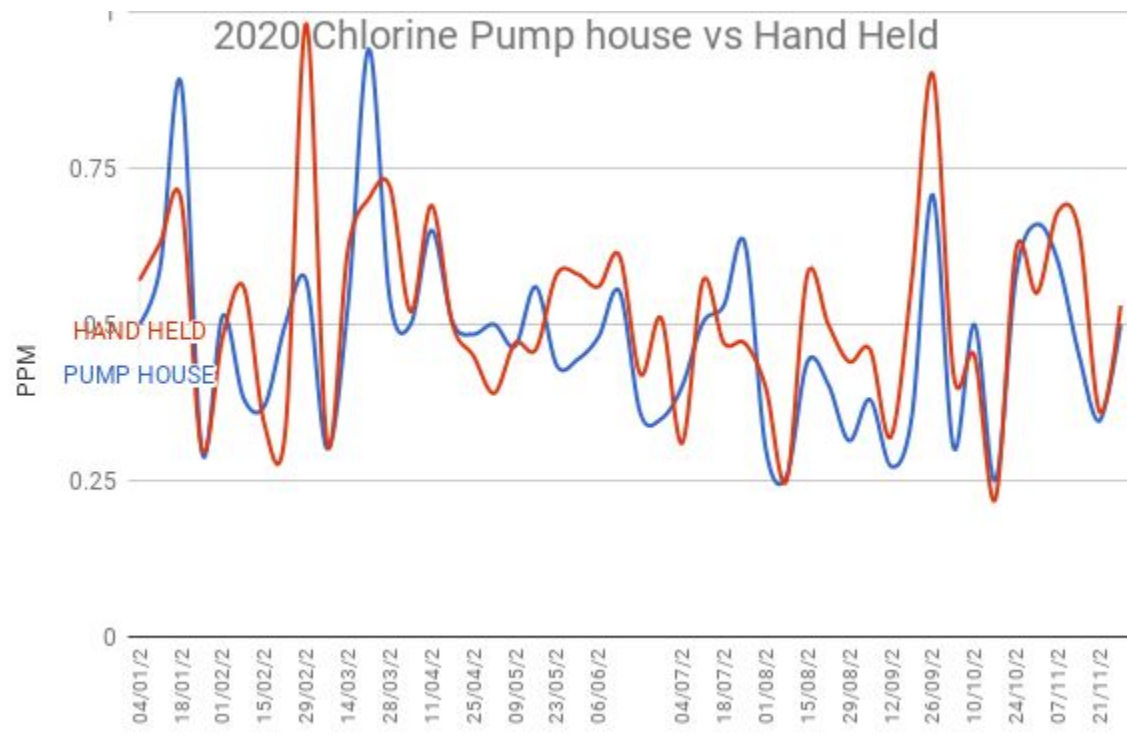


Nov 2020 Chlorine Pump House PPM x 1000



2020 Residual Chlorine weekly testing PPM (parts per million)





Nov 2020 Discharge Pressure PSI

