

Water Operator Report Feb 2021

Prepared by: Dave Shepherd



Water consumption

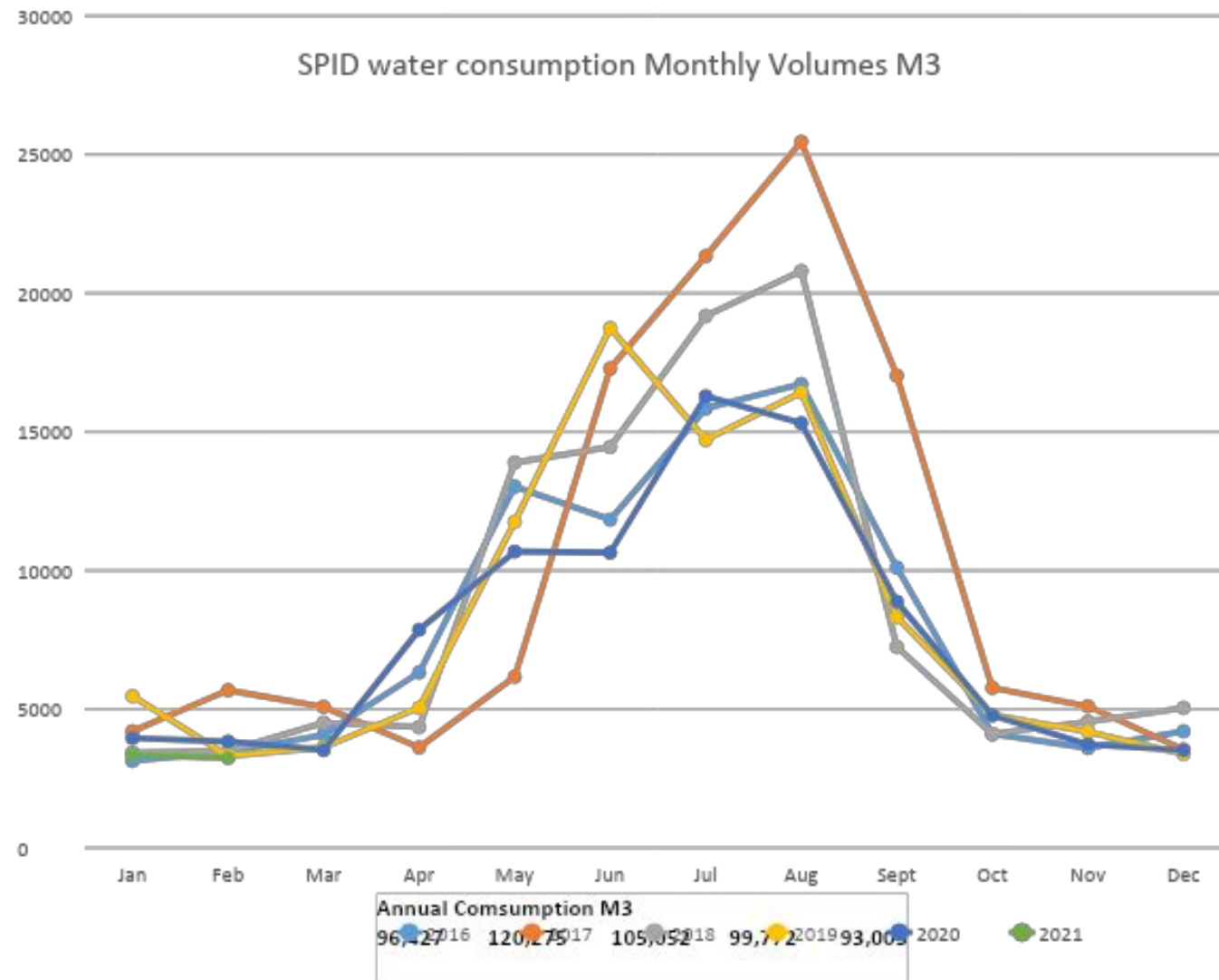
Monthly Consumption	3242 M ³	28	115.79 M ³	Daily Average
Previous year 2020-02	3834 M ³	28	136.93 M ³	Daily Average
			-15.44%	
Vol Well #1 since 19 Jan 2019	128.35 M ³			
Max Flow for month	1990.3 L/Min	Min Flow for month	0 L/Min (Leak rate)	
Time and Date	10/02/2021 13:02 Flushing #4		multiple occasions early morning	
Pump hours	# 2 645	# 3 2	#4 2	
Previous month hrs	690	0	4	

Samples

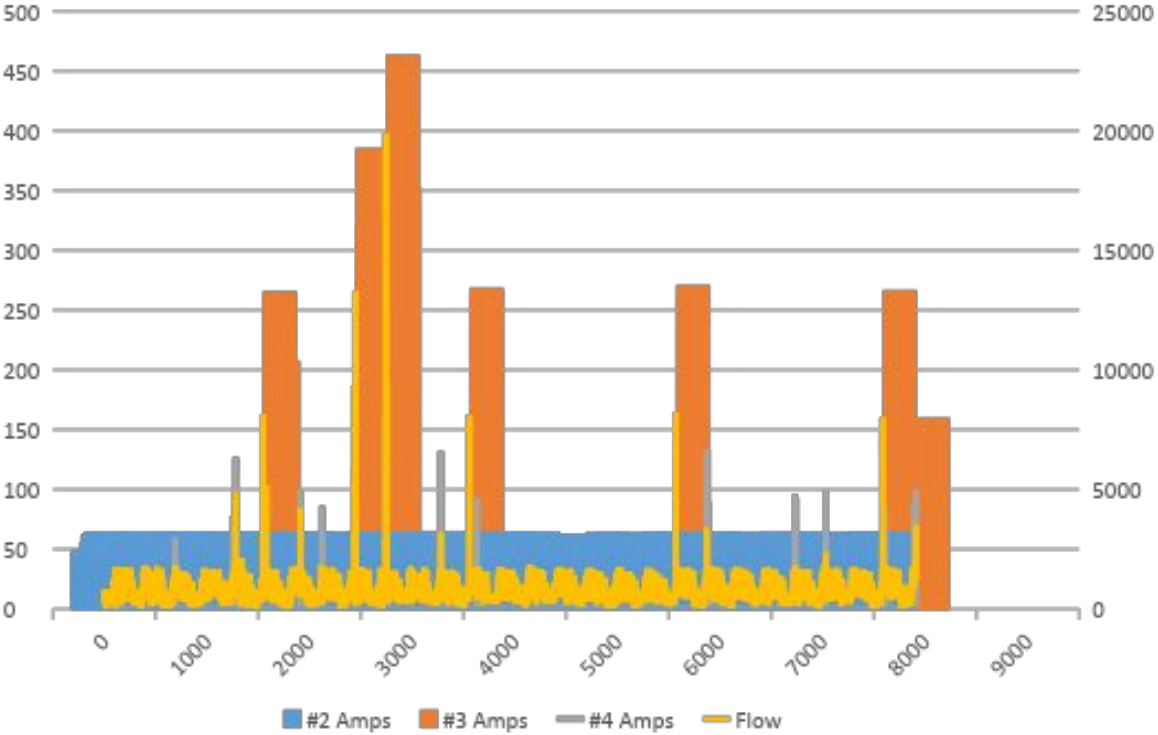
Activity	Date	Location	Sample type	Result	
Monthly	08/02/2021	7941 Park	Drinking water	✓	Sent to VIHA
Sample /testing		7588 Ships Pt.	Drinking water	✓	
		7576 Tozer	Drinking water	✓	
		Well 2	Raw	✓	
		Well 3	Raw	✓	
		Well 4	Raw	✓	

Operations/Maintenance

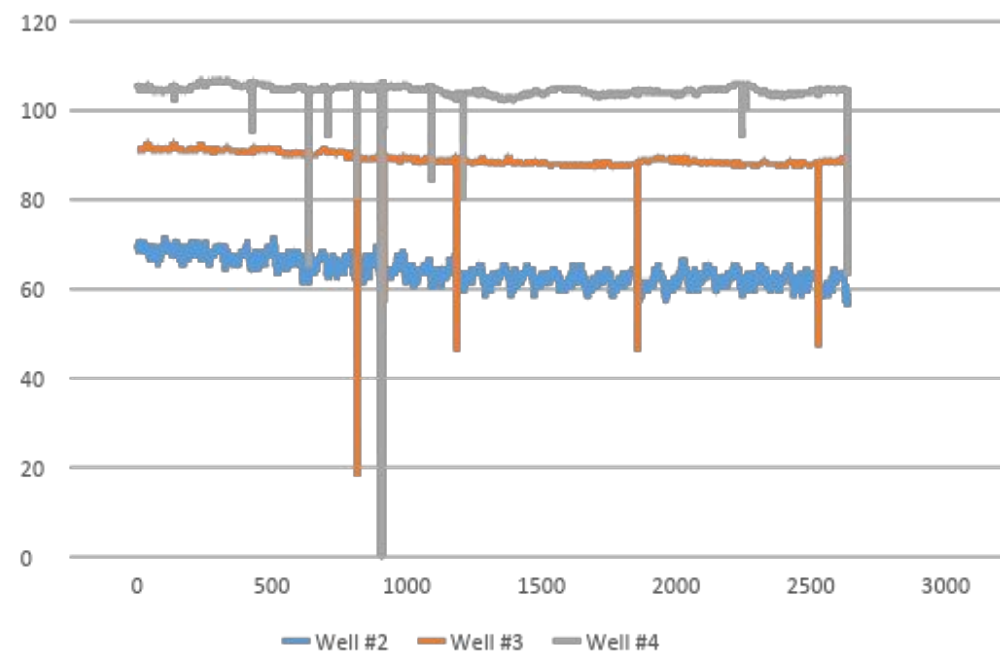
	Weekly Meter readings, CL residuals incl flushing station, run pump 1 collect well levels data
	Monthly Data/report, replace CL membrane, VIHA samples add & order chlorine as needed
	attend WTC and SPID meetings
01/02/2021	Drive point and note Hydrant locations re civic address for new map send to Tania CVRD along with Phase 2 drawings, create "drawings folder" G Drive
04/02/2021	Call out Low CL bump up % as solution getting old (depleted) Terry has purchased High vis tape to go around the top of each Hydrant in stead of paint on road This will be done in dryer warmer month to give best chance of adhering
05/02/2021	Upload new PLC program with Mike Mesford, discovered error in logic and had Kyle tweak it we reloaded it and checked operations
07/02/2021	Call out High CL as I had added fresh CL solution and not bumped down %! FLINRO Annual report completed (Min daily Vol /day 15th March 125m3, Max 15th July 581.57m3
09/02/2021	Prep for pump/motor replacement # 4, locate and clean out well #4 nelson box shut off exercise valve. Connect lifting straps to enclosure, mark all valve covers so crane can avoid Create message for water restrictions tomorrow sent to Mel and Nina for distribution
10/02/2021	Assist with Pump/motor replacement see separate report Sent invoice received from CVRD re completed Fire area map
13/02/2021	Call out Neighbour noticed outside tap split in freezing weather and suggested shutting off service, Called MM to assist as exact service box location unknown under snow Shut off and called owner in Vancouver to inform.
17/02/2021	reinstalled #1 level sensor after Mike repaired and improved! Thanks Mike
19/02/2021	Generator Full Load test (each phase ran at approx. 90 Amps for 2 hrs, 93-98% load)
22/02/2021	turn on service (after homeowner repairs completed)
25/02/2021	call out low CL added 1/2 portion of CL solution as depleting again
27/02/2021	Add Johns Gen/motor maintenance records to G Drive



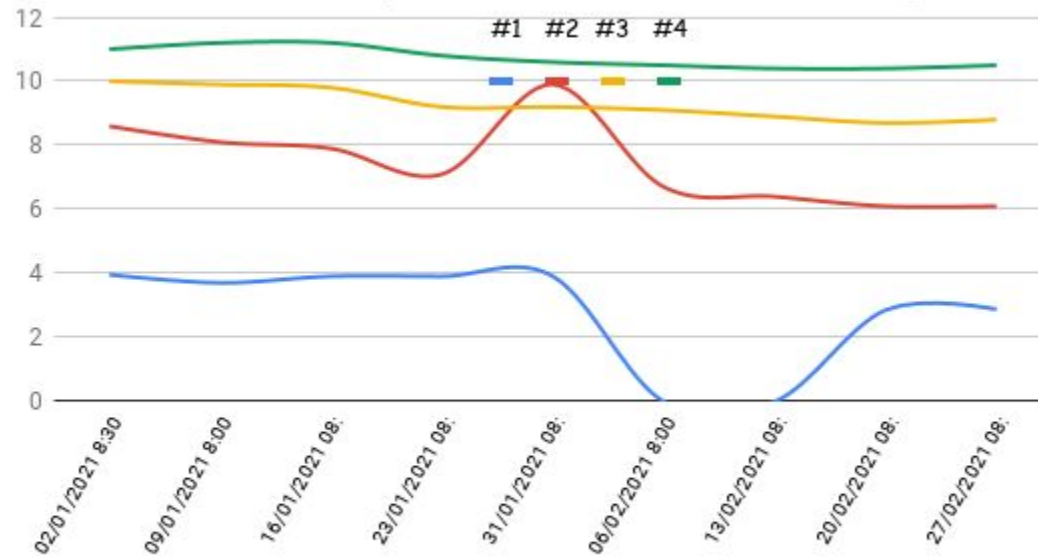
Feb 2021 Flow LPM x 10 and Amps x 10



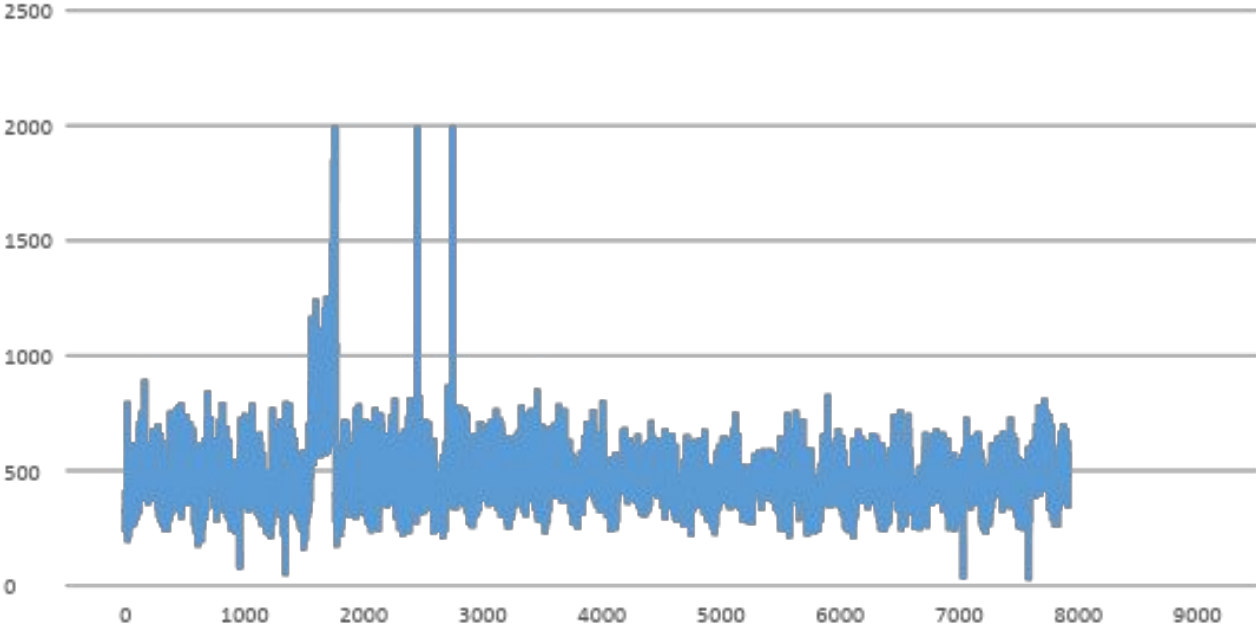
Feb 2021 Well Levels M x 10



2021 Spid Well Levels Meters Weekly



Feb 2021 Chlorine Pumphouse PPM x 100



2021 Residual Chlorine weekly testing PPM (parts per million)

