

# Water Operator Report Sept 2021

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SHIPS POINT IMPROVEMENT DISTRICT

## Water consumption

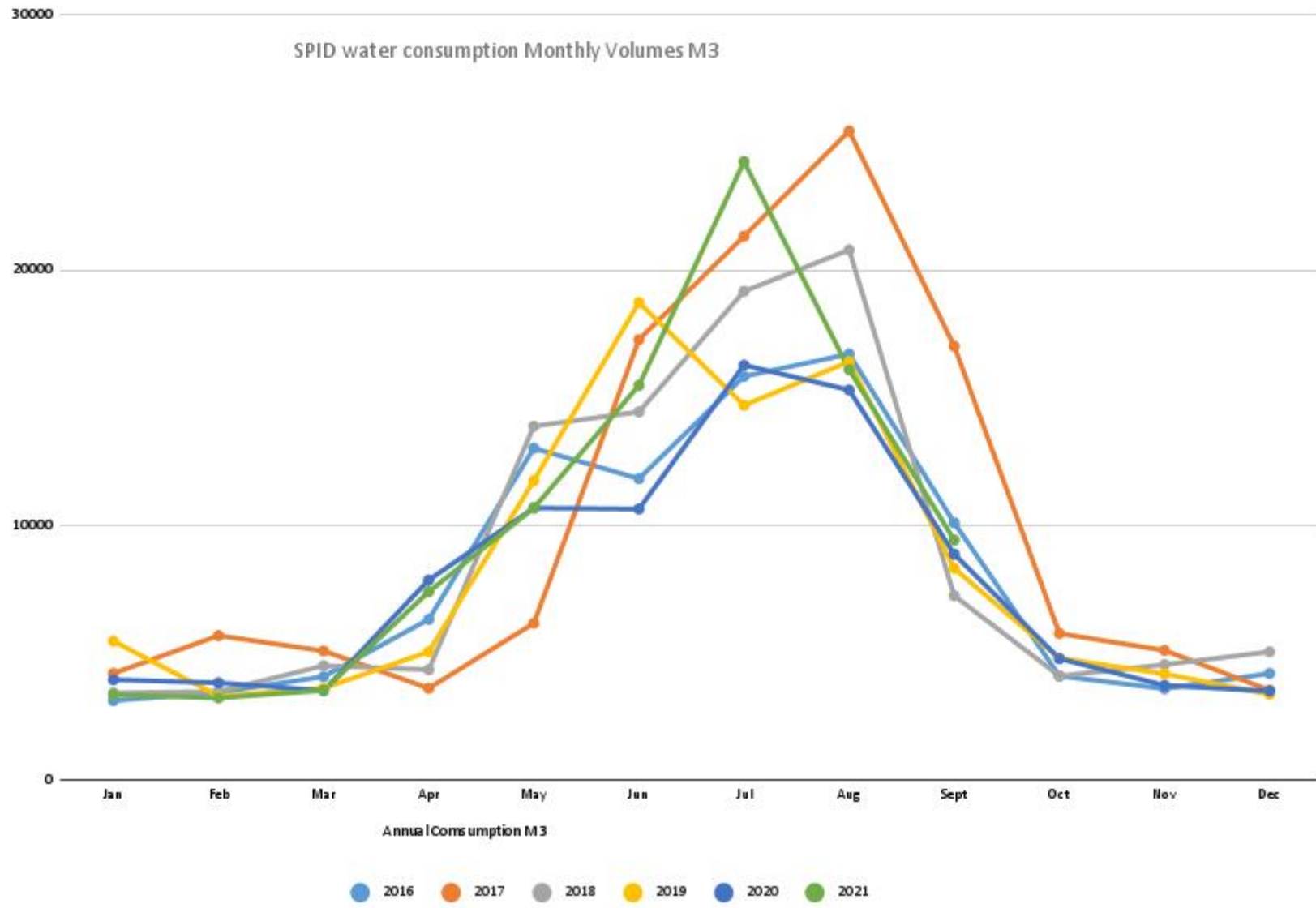
|                                      |                       |                           |                        |               |
|--------------------------------------|-----------------------|---------------------------|------------------------|---------------|
| <b>Monthly Consumption</b>           | 9427 M <sup>3</sup>   | 28                        | 336.68 M <sup>3</sup>  | Daily Average |
| <b>Previous year 2020-09</b>         | 8876 M <sup>3</sup>   | 28                        | 317.00 M <sup>3</sup>  | Daily Average |
|                                      |                       |                           | <b>6.21%</b>           |               |
| <b>Vol Well #1 since 19 Jan 2019</b> | 168.20 M <sup>3</sup> |                           |                        |               |
| <b>Max Flow for month</b>            | 1230.5 L/Min          | <b>Min Flow for month</b> | 36.1 L/Min (leak rate) |               |
| <b>Time and Date</b>                 | 24/09/2021 07:08      |                           | 24/09/2021 07:13       |               |
| <b>Pump hours</b>                    | <b># 2</b> 258        | <b># 3</b> 29             | <b>#4</b> 383          |               |
| <b>Previous month hrs</b>            | 38                    | 195                       | 484                    |               |

## Samples

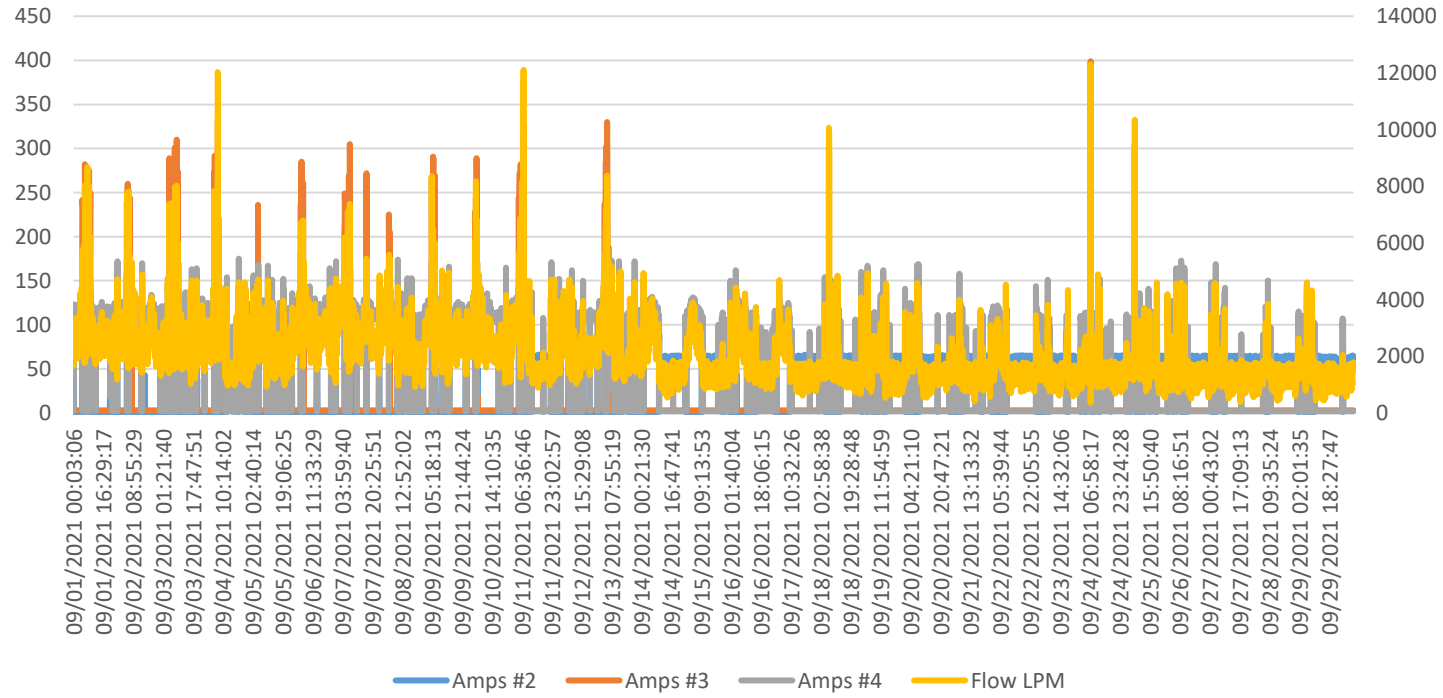
| Activity        | Date       | Location       | Sample type    | Result |              |
|-----------------|------------|----------------|----------------|--------|--------------|
| Monthly         | 09/13/2021 | 7941 Park      | Drinking water | ✓      | Sent to VIHA |
| Sample /testing |            | 7588 Ships Pt. | Drinking water | ✓      |              |
|                 |            | 7576 Tozer     | Drinking water | ✓      |              |
|                 |            | Well 2         | Raw            | ✓      |              |
|                 |            | Well 3         | Raw            | ✓      |              |
|                 |            | Well 4         | Raw            | ✓      |              |

## Operations/Maintenance

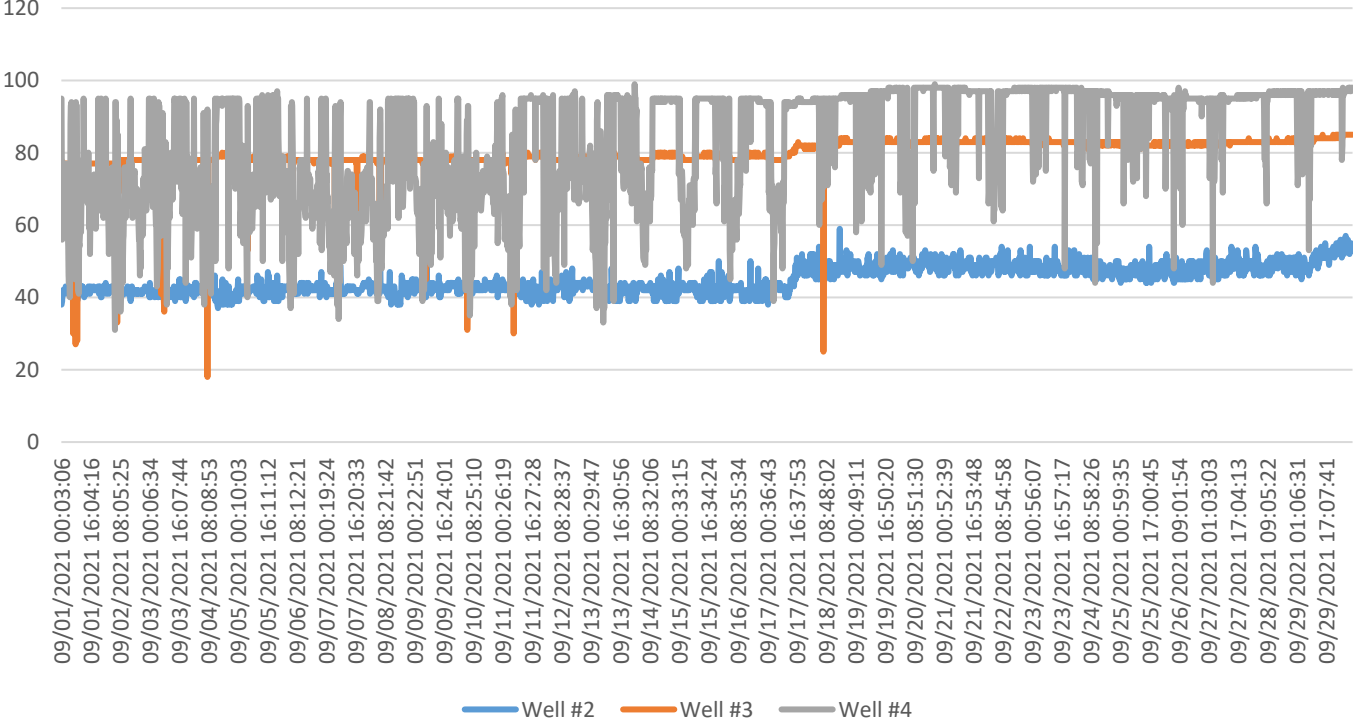
|            |  |
|------------|--|
|            | Weekly Meter readings, CL residuals incl flushing station, run pump 1 collect well levels data   |
|            | Monthly Data/report, replace CL membrane, VIHA samples add & order chlorine as needed  |
| 06/09/2021 | CL on the low side bump up 4:20  |
| 07/09/2021 | Check water status on Tozer RD for real estate agent   |
| 11/09/2021 | Investigating Lower than expected CL repair 2 small leaks bump up 4:20 O/P removed valve at quill and flush, noticed some calcified CL potential partial blockage re installed levels came up for a while....                |
| 13/09/2021 | locate service box under 6" of dirt on Baynes vacant lot and flag  |
| 15/09/2021 | Low CL call out, flush quill again and check valve monitor levels, prep check valve bypass   |
| 20/09/2021 | Meet with JA re working alone app, Generator run up, temporarily by pass CL check valve at quill plumb up new check valve and install (Note CL pump can now be directly connected to quill) if CL system need to be off line |
| 21/09/2021 | JH&SC meeting re working alone   |
| 27/09/2021 | assist MM remotely with low CL bump up 4:20 and monitor  |



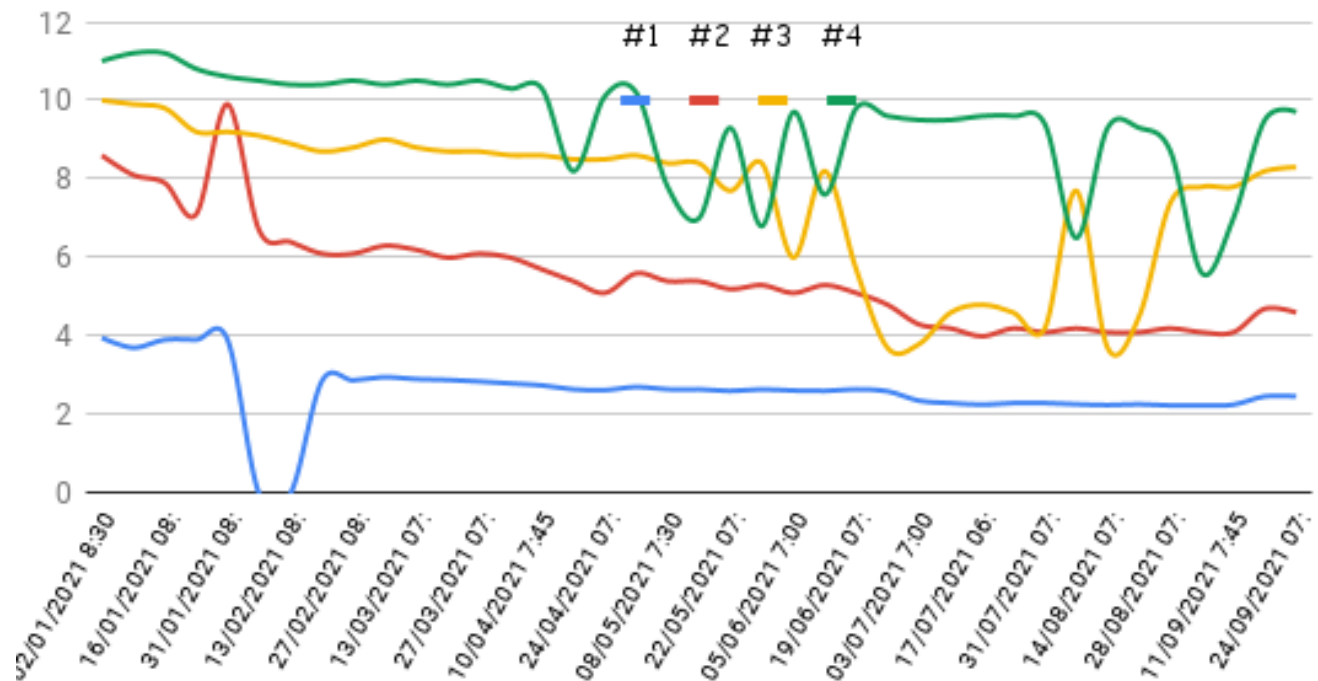
Sept 2021 Flow LPM x 10 & Amps x 10



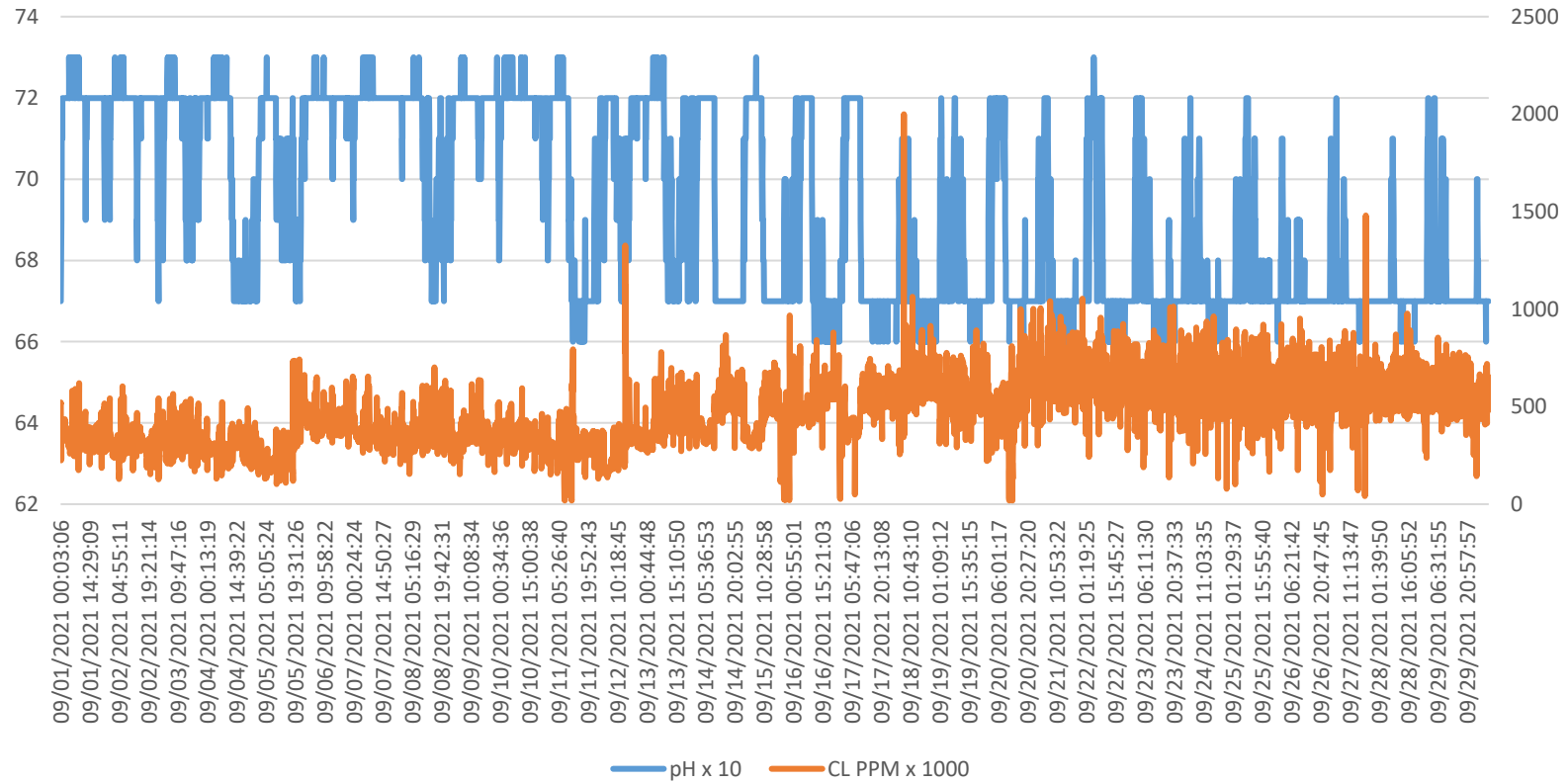
Sept 2021 Well Levels M x 10



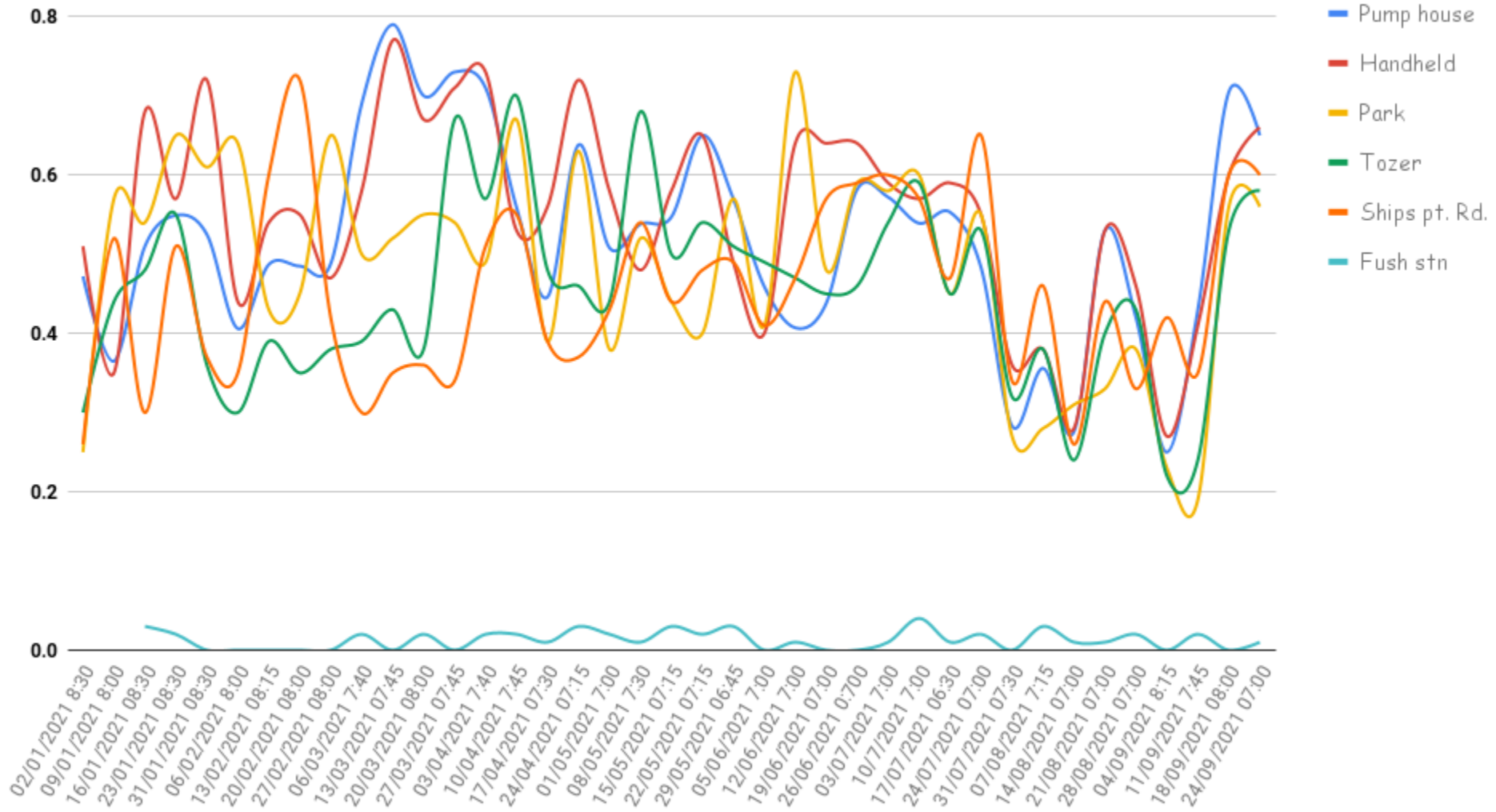
## 2021 Spid Well Levels Meters Weekly

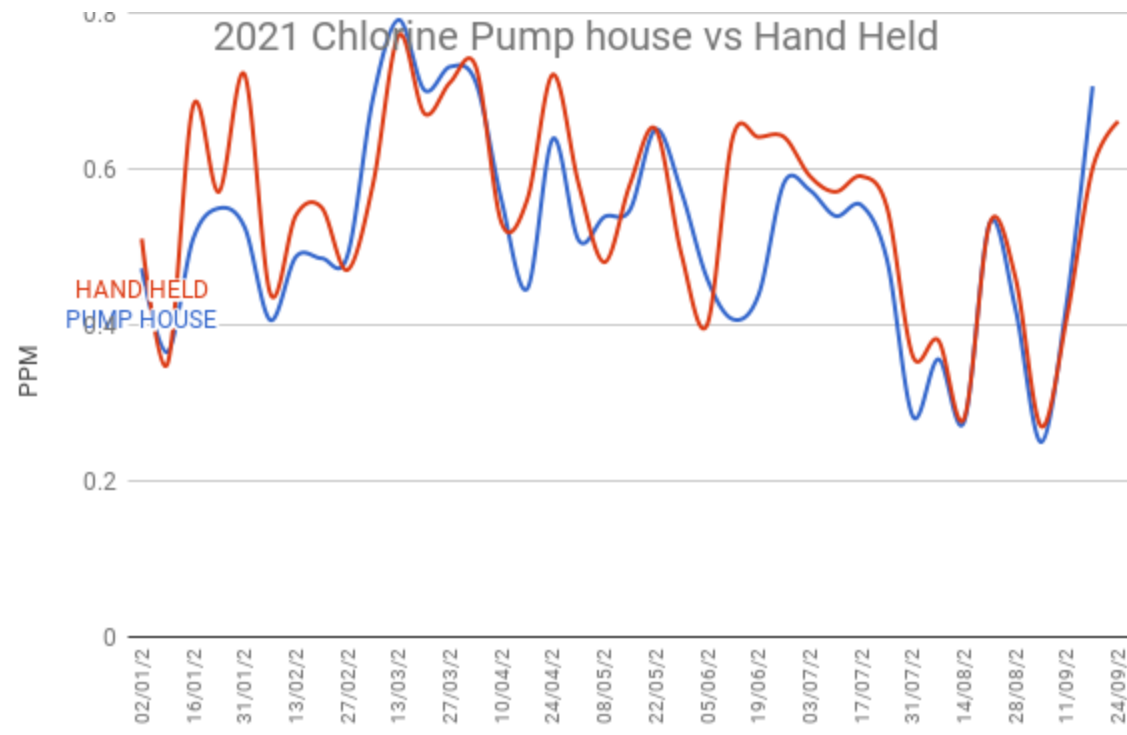


### Sept 2021 Pumphouse Chlorine & pH



2021 Residual Chlorine weekly testing PPM (parts per million)







Sept 2021 Pumphouse discharge pressure PSI

