

ATTACHMENT L
2025 CCWUA Flow Data

Cochran, Ryan

From: kim sheehan <kim.sheehan.wwc@gmail.com>
Sent: Thursday, December 4, 2025 6:07 PM
To: Gay, Alan
Cc: Alan Ameche; Cochran, Ryan; Diephuis, Liam
Subject: Re: Cougar Creek Water System Report Update
Attachments: 20250806_121206.jpg; 20251125_125958.jpg; 20250630_100723.jpg; 20251125_125135.jpg

Follow Up Flag: Follow up
Flag Status: Completed

All,

I will work further on a more narrow timeline but this is what I have available right now.

I had been occasionally grabbing **water level information from the reservoir** as a way to check usage. I had forwarded this info. to other Board members. I have more than these that I have completed but do not have them with me at this time. I will retrieve them if they are needed.

- 1) On July 8th between 2:06 A.M. and 9:26 A.M., the usage averaged 38.4 GPM.
- 2) On July 8th between 9:30 A.M. and 12:30 P.M., the usage averaged 60.25 GPM.
- 3) On July 25th between 6:30 A.M. and 12:30 P.M., the usage averaged 62.5 GPM.
- 4) On Aug 7th between 5:21 A.M. and 7:21 P.M., the usage averaged 51.18 GPM.

Well #1 (Loel's) was turned on (manually) by Loel at approx. 8:47 PM the evening of 7/17/25. It was inadvertently disabled and shut off by H2O Well drilling on 9/06/25. According to Loel, this pump ran constantly during this period at approx. 25 GPM. That's **51 days** straight and produced a little over **1.1 million gallons** of water during that period.

After **well #1's** electrical was repaired August 14th by RC Worst, it was turned back on. Loel stated on August 30th, 2025 that it was still running. I believe that he shut it off shortly after sending this message. That's another **16 days** straight which would have produced around **576,000 gallons** of water during that period.

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|--|-------|
| 1) Picture 121206 of Well #1's Kent water meter reading from 8/06/25
cubic feet | 34420 |
| 2) Picture 125958 of Well #1's Kent water meter reading from 11/25/25
cubic feet | 35744 |

I also have some water meter readings for well #2.

- 1) Picture 100723 of **Well #2's** Badger Recordall 170 water meter reading from 6/30/25
18326.4 gallons

2) Picture 125135 of **Well #2's** Badger Recordall 170 water meter reading
from 11/25/25 21998.0 gallons

Let me know if this will work. If not, I will be headed up to Priest again soon. That is where most of my other paperwork is.

Kim Sheehan
509-939-7087



Well #1's Kent Water Meter 8/06/2025



Well #1's Kent Water Meter 11/25/2025



Well #2's Badger Water Meter 6/30/2025



Well #2's Badger Water Meter 11/25/2025

CCWUA Actual System Usage

Well #1 Pump Data			Well #2 Pump Data		
Reading 1 Date	8/6/2025		Reading 1 Date	6/30/2025	
Reading 2 Date	11/25/2025		Reading 2 Date	11/25/2025	
Total Days	111		Total Days	148	
Reading 1	3,442,050	ft3	Reading 1	18,326,400	gal
Reading 2	3,574,430	ft3	Reading 2	21,998,000	gal
Total Gallons	990,269	Gallons	Total Gallons	3,671,600	gal
Gal/Day	8921	gpd	Gal/Day	24808	gpd
Prod. Rate	25	gpm	Prod. Rate	40	gpm
Calc. Run Time	357	min/day	Calc. Run Time	620	min/day
Total Well Production					
Parameter	Val	Unit	Description		
ADD	33,729	gpd	Sum of Well #1 and Well #2 GPD.		
EDU	110	ea	Total Equivalent Dwelling Units in CCWUA System		
ADD per EDU	309.4	gpd	Peak ADD including domestic and irrigation waters.		

Reservoir Flow Data					
Date	Start	End	Hours	Avg Usage (GPM)	Total Usage During Period
7/8/2025	2:06 AM	9:26 AM	7.33	38.4	16896
7/8/2025	9:30 AM	12:30 PM	3.00	60.25	10845
7/25/2025	6:30 AM	12:30 PM	6.00	62.5	22500
8/7/2025	5:21 AM	7:21 PM	14.00	51.18	42991
Well 1 Production During Period (Avg GPM)	Well 2 Production During Period (Avg GPM)	GPM per EDU	MDD Total per EDU	MDD per EDU Domestic Only	Extrapolated Peaking Factor Domestic Only
25	17.2	0.74	1065	365	1.18
25	17.2	0.94	1354	654	2.11
25	17.2	0.96	1384	684	2.21
25	17.2	0.86	1234	534	1.73