

City of Pateros, Public Works & Parks Report

City Council Report

June 18, 2018

By City Administrator

Jord L. Wilson, MLA



Public Works Team

Mike Lambert – Wastewater

Justin Carrington – Parks

Doug Kirk – Water

Craig Burke – Summer Help

Public Works

Craig started helping public works on June 11th. The focus until APJ will be green grass and curb appeal. After APJ, he will move to street projects. Justin and Craig have been working on adjusting, repairing, and remodeling irrigation ahead of summer heat. Doug passed the written CDL test and has his permit. After he completes his practice time, I will send him to take his driving test. Doug was able to get the splash pad up and operational.

Administrative

Asset Management

We will be going live with our asset management program June 26th. Aktivov will be here to train the crew.

RMSA Board Member

I was voted in as a board member on the RMSA Operating Committee. Pateros is a member of a group pool. Our dues are managed by RMSA and used to cover claims and operations expenses. The Board reviewed the reserves and standards in the industry and discussed what happens in the event of a year or back-to-back years of high claims. Can the pool cover the cost? What happens if the pool cannot cover the cost? The board also is in the process of reviewing penalties and rewards for meeting basic risk management in Public Works. Would we rather pay an increase in rates to get into a more secure place? Or, would we rather, in the event the reserves are depleted, pay a large sum of money to cover claims of the pool?

Rural Broadband 101 Workshop

Attended the CERB Workshop to learn about Rural Broadband opportunities. At present it appears that Pateros is well ahead of many other rural communities throughout the State. Fiber is available to the school, downtown business core, and industrial areas of town, and is adjacent to Starr Road Business Development.

Pederson Road gas line

I am still working with Gebbers Farms and the engineer on this project. It is a little more complex than initially thought.

Streets & Equipment

I have updated the six-year street plan. The plan reflects the TIB rating for our City streets. Street segments are rated by TIB and have been grouped by rating and proximity. I will be meeting with

Varela and looking at our 2019 TIB project grant application. Priorities are (1) to complete Industrial Way, there is a small unfunded segment that I hope to get funded in 2019. (2) Chip seal Stadium Way, Ives Street from Stadium Way to North, and North Street. (3) repair and replacement of concrete on the Mall.

Parks and Community Activities

- ❁ Tapani has completed rock work and installed the sand at the new beach at the Tennis Courts. The beach is designed to be an access point for Kayaks, canoes, boards, and other hand launched water craft. Tapani is working to repair the irrigation system and will hydroseed the lawn.
- ❁ The Conservation District held a FireWise community workshop and the Resource Center presented the Map Your Neighborhood program.
- ❁ **Douglas PUD** – The dock building project along Memorial Park is still hung up. Repeated dates of work have been missed. PUD is working on the project and is aware of high summer use and upcoming events.
- ❁ **Douglas PUD** – No bids were received on the restroom repairs at Memorial Park. The repairs will be rebid, but the remodel will not take place until fall, after tourist season. Replacement of the restroom facility at Peninsula Park is also anticipated in the fall.
- ❁ Ives Landing dump station was repaired and open for use on Memorial Day.
- ❁ The Ives Landing shower mixing valve has been out of commission for several weeks. This is a warrantee replacement, and we have just received the replacement mixing valve from the manufacturer. I have contacted the plumber to schedule the replacement. The manufacturer will be covering these costs.
- ❁ Staff finished the picnic tables at Ives Landing Park. Each tent site and RV site have its own picnic table.



Splash Pad – First Day of Summer Break



Kayak Access Beach at Tennis Courts

City of Pateros Water Department

System ID	66450 C	Total Service Connections	273
Distribution Capacity	298,000 gallons	Wells	2

2018 Water Produced in Gallons			
January	1,797,800	July	
February	1,552,000	August	
March	1,797,800	September	
April	2,963,400	October	
May	9,611,300	November	
June		December	
The City has produced 17.7 million gallons of water in 2018			
Water Quality Testing			
Coliform Test	<i>This is an indicator test for total coliform (good and bad). The presence of coliform in a sample indicates the need for further testing</i>		
5/23/2018	2 samples tested	Coliform absent	
Chlorine Monitoring	<i>A target residual of 0.1-0.5 used to control microbes</i>		
5/1/2018-5/31/2018	Daily samples Mon-Fri	Chlorine residual present	
Service			
New Connections	None		

Testing Water Quality

- We continue to monitor well production closely. I am sending a voluntary request out to residents to water their yards on even and odd days that match their address. This should help us reduce peak demands.
- Doug and I met with Mike Pendergraft with Evergreen Rural Water and discussed our new well configuration, chlorine testing, and Doug's certification.

Water System Improvements

- Reservoir is on schedule for early July completion. The final phase of the Cemetery irrigation system and the moving of the White's pump station is scheduled for mid-July. Tapani completed the 24 hour leak test, the tank dropped 1/16th of an inch in 24 hours. Tapani is backfilling the tank and working on regrading the Cemetery parcel.
- Council Park and Street Committee will meet with SPVV Landscape Architects to discuss the planning to date of the downtown well site. SPVV will take this information and develop a conceptual plan to be presented at a public informational meeting on July 16th at 4PM.
- General Industries will be setting up a kickoff meeting for Well #3 as soon as the contract has been signed. There is 120 working days in this contract, so Well #4 should be completed toward the end of October, first of November. It is at that date we will be planning a town flush ceremony that marks the end of the old reservoirs and pump station and christening of the new.
- I will be working with Varela to coordinate the reconfiguration of the system mainlines to facilitate the transition from the old to the new system. I anticipate a change order, either with Tapani or General Industries to complete this pipe work ahead of the completion of Well #3.
- The Water Use Efficiency report has been completed and turned into DOH. The 2017 Consumer Confidence Report will be completed and sent out in June billing.

City of Pateros Sewer Department

Permitee: Pateros POTW

Permit #: WA0020559 Operator: Mike Lambert

2018 Wastewater Processed in Gallons		
January	1,390,000	July
February	1,615,500	August
March	1,451,500	September
April	1,566,000	October
May	1,496,800	November
June		December
The City has processed 7.5 million gallons of wastewater in 2018		
Wastewater Effluent Monitoring		
Total BOD 5-day	<i>Organic Loading Rates (Permit Range ≥ 85%)</i>	
Weekly Test	5 - Tests	99% removal
TSS	<i>Total Suspended Solids, non organics (Permit Range ≥ 85%)</i>	
Weekly Test	Weekly	96.8% removal
pH	<i>(Daily min/max permit range equal/between pH6 and pH9</i>	
Weekly minimum	Daily - Mon-Fri	6.9
Weekly Maximum	Daily - Mon-Fri	8
Fecal Coliform Bacteria	<i>(Permit Range Weekly ≤ 100; Monthly ≤ 200</i>	
Weekly geometric mean	Weekly	8.01
Monthly geometric mean	Weekly	8.01
Dissolved Oxygen	<i>Daily – Report Only</i>	
Daily Test	Daily - Mon-Fri	2.1 Average
Temperature	<i>Daily – Report Only</i>	
Daily Test	Daily - Mon-Fri	19.27 Degrees C Average
Ammonia	<i>Monthly – Report Only</i>	
4/25/2018	1 sample	0.07

The plant has been running fairly smooth. We anticipate some difficulties when cherry season is in full swing. We are still working on repairing and replacing some equipment that has broke down. Our big air compressor has failed, and the replacement was broken in shipping. Mike is on a three-day week during the summer months to use his accrued comp and vacation time. Justin and Doug are both trained in daily lab duties.