

City of Pateros, Public Works & Parks

August 2023 –Report to City Council

By City Administrator/
Public Works Supervisor
Jord L. Wilson



Public Works Team
Mike Lambert – Wastewater
David Hunter – Water/Streets
Ryan Sisler – Parks
Roman Nehls – PW/Parks

ADMINISTRATIVE

The big accomplishment of the month is getting the end panels up on the Winter Barn. Ryan and David finished up the work that required the lift. There is still groundwork to complete, but the barn is substantially complete until next year. We will be looking at fencing and gates next, along with security lighting and cameras, and landscaping/screening. Kerri and I have been preparing the Public Works and Parks 2024 budget.

GRANTS, PLANNING, ECONOMIC DEVELOPMENT & PROJECTS

Water System Improvement (Final Tasks) – Kerri and I met with Ben and discussed finishing up the project and final steps for closing it out.

Downtown ADA improvements & Commercial Ave Upgrades – (\$569,000; 100% grant) We plan to put the project out to bid early 2024.

General Sewer and Wastewater Facilities Plan (GSWFP) – (\$200,000; 50% grant) Final draft completed. Sent to ECY 2/6/2023 for comment and approval.

Solar Project – (\$228,000; 99% grant) Project is operational. 10/26 staff/engineer meeting to work out issues with Okanogan PUD.

Charging Stations – (Estimated at \$500,000 of grant funding to EVCS – no City funds) Project is on pause until proposed changes are approved/denied.

Pateros Mall Renovation Planning Study – (\$101,625; 100% grant) An information booth was in place for Hydros weekend including during the market and movie. The community survey was advertised at the events, on the City website, in utility bill mailings, and on the Pateros Market Facebook page. Consultants had a chance to talk with attendees at the events and 60 responses have been submitted so far on the Community survey. The business survey will be sent out in the next week or so and a Zoom meeting will be scheduled with the Market Committee at the conclusion of the market.

LATC – Lodging Tax Application Presentations are September 22nd. We have requested \$50,000 for operation funding for VIC Operations and \$195,000 for Capital Improvements.

ECY Stormwater Plan – (\$109,000; 85% grant) I have been working with ECY on a draft agreement. We will be declining the loan amount of \$5,431, as the loan paperwork is excessive for such a small amount and budgeting the expense.

DNR Tree Grant – (\$29,656; 50% grant) Two workshops were conducted including the development of suitable trees and planting location. The goal is to plant trees the week of October 9th.

Highway 97 Pedestrian Crossing & Pathway – (\$99,219; 100% grant) Received award letter – next steps is to obligate the money through DOT so we can begin incurring costs. Brian Pearson has been sending me draft agreement information, and I expect to get a draft agreement assembled within the next month.

PWB Water System Plan – (\$50,000 loan; \$50,000 grant) Public Works Board has approved a conditional award and is beginning to work on draft contracts.

PUBLIC WORKS

AUGUST ACTIVITIES

- ✓ Good progress was made on the Lift Station project. The crew is very close to completion.
 - ✓ The Winter Barn work requiring a lift has been completed for the year. There is still groundwork that can be completed later in the year.
- ✓ Hydro setup was a success.
 - ✓ Two new water/sewer connections were installed at Ives and Cemetery

SEPTEMBER ACTIVITIES

- Final work on Lift Station
 - Tree planting project on Warren Ave.
 - Memorial Park projects: landscape improvements, signage, kiosk at
- restrooms, trail light repairs, tree removals.
 - Biosolids haul
 - Sewer line repair on McAlvey

PARKS & RECREATION

- 🌳 Douglas PUD is crack sealing and fog coating the Ives Landing and Methow Boat Launch Parking lots and the Memorial Park trail.
- 🌳 Roman and Roman have spent a lot of time working on irrigation repairs. It was shown in the parks this year. The lawns have not looked better.
- 🌳 There are two trees in Memorial Park we plan to remove. A red maple that is sick because of weed-wacker damage of over 20 years ago.



Parks RV/Camping/Parking Fees Memorial & Ives Landing					
	2019	2020	2021	2022	2023
JAN	\$ -	\$ -	\$ 105.00	\$ -	\$ 280.00
FEB	\$ -	\$ -	\$ 245.00	\$ -	\$ -
MAR	\$ -	\$ -	\$ 110.00	\$ 105.00	\$ 185.00
APR	\$ 160.00	\$ -	\$ 580.00	\$ 1,500.00	\$ 640.00
MAY	\$ 85.00	\$ -	\$ 775.00	\$ 1,260.00	\$ 2,580.00
JUN	\$ 35.00	\$1,855.00	\$2,635.00	\$ 2,990.00	\$ 565.00
JUL	\$1,200.00	\$3,318.00	\$1,794.25	\$ 2,590.00	\$ 2,267.00
AUG	\$ 740.25	\$1,994.00	\$1,105.00	\$ 1,295.00	\$ 1,605.00
SEP	\$1,739.00	\$1,125.00	\$1,437.10	\$ 340.02	
OCT	\$ 120.00	\$ 305.00	\$ 135.00	\$ 983.40	
NOV	\$ 145.00	\$ 2.00	\$ 35.00	\$ -	
DEC	\$ -	\$ -	\$ -	\$ -	
Total	\$1,480.00	\$8,599.00	\$8,956.35	\$ 11,063.42	\$ 8,122.00
YTD	\$2,220.25	\$7,167.00	\$7,349.25	\$ 9,740.00	\$ 8,122.00
Ives Landing Dump Station (Sewer Dept)					
	2019	2020	2021	2022	2023
JAN	\$ -	\$ -	\$ -	\$ -	\$ -
FEB	\$ -	\$ -	\$ -	\$ -	\$ -
MAR	\$ -	\$ -	\$ -	\$ 24.00	\$ -
APR	\$ 21.00	\$ 113.00	\$ -	\$ 30.00	\$ 65.00
MAY	\$ -	\$ -	\$ 186.00	\$ 160.00	\$ 369.76
JUN	\$ 230.75	\$ 268.00	\$ 519.41	\$ 170.00	\$ 130.00
JUL	\$ 280.92	\$ 224.00	\$ 120.00	\$ 331.00	\$ 291.05
AUG	\$ 155.00	\$ 341.75	\$ 358.00	\$ 266.19	\$ 382.30
SEP	\$ 236.06	\$ 126.25	\$ 375.00	\$ 157.02	
OCT	\$ 116.00	\$ 201.35	\$ 230.15	\$ 264.50	
NOV	\$ -	\$ -	\$ -	\$ -	
DEC	\$ -	\$ -	\$ -	\$ -	
Total	\$1,039.73	\$1,274.35	\$1,788.56	\$ 1,402.71	\$ 1,238.11
YTD	\$ 687.67	\$ 946.75	\$1,183.41	\$ 981.19	\$ 1,238.11



The second tree is a European Weeping birch tree that has birch borer in its crown. We have cut the top out of the tree two times, but it continues to decline. Healthy trees can typically recover from borer attack. We plan to remove, and replant in the spring with a native birch, in keeping with the native plant material of the Methow Monument exhibit.

STREET DEPARTMENT

- We have made good progress on the Winter Barn. With the roof, end panels, lights and electricity installed, we will be ready to stage street plowing activities at the barn this winter. The Winter Barn project has cost \$145,200 to date. We have saved a considerable amount of cost by managing the project and assembling the structure within house. I would estimate a similar project, if it went out to bid start to finish would have cost us more than double.
- The Electric Vehicle Charging Station project has been put on a temporary hold as I work through the proposed change of moving the stations across the road. PUD Staff is recommending our changes in the Land Use Agreement to the Commissioners. (SEE ATTACHED)

WATER DEPARTMENT

We have cleared up some reporting issues with DOH. DOH changes testing requirements based on sampling levels, and we do not always get the notification. They rescinded two violation letters and updated our reporting requirements.

I completed the first step in Rural Development requirements for IT Safety Training. I will be working on a plan this winter.

August		2023 WATER PRODUCTION										
	2019	2020	2021	2022	2023		2019	2020	2021	2022	2023	
Jan	2,121,438	2,036,291	2,277,596	2,673,280	2,237,792	Jul	18,968,280	16,601,532	19,584,242	16,350,504	16,571,360	
Feb	2,056,813	1,946,743	2,057,440	1,974,640	1,861,216	Aug	16,600,547	16,750,284	15,522,640	17,786,352	14,587,808	
Mar	2,260,796	2,373,833	2,133,860	2,375,360	1,921,528	Sep	8,729,598	12,227,228	11,318,457	12,013,456		
Apr	4,503,629	6,608,729	6,062,448	4,126,768	3,672,672	Oct	4,690,568	5,526,800	6,718,040	7,273,894		
May	12,892,999	10,446,235	11,714,756	7,790,780	10,819,856	Nov	2,178,552	1,961,332	2,909,658	2,226,752		
Jun	16,082,186	13,249,332	15,794,652	11,015,668	13,618,248	Dec	1,918,369	1,943,276	2,196,784	2,148,352		
Year to Date Total Gallons	75,486,688	70,012,979	75,147,634	64,091,352	65,290,480	<i>Pump Station #3</i>	14,587,808					
						<i>Pump Station #4</i>	-					

SEWER DEPARTMENT

- Russ with Schmidt Electric completed the majority of the sewer lift station project. We still lack electricity to two pieces of equipment. We have two pumps now working on controls.

AUGUST		City of Pateros Sewer Department							
Permitee: Pateros POTW				Permit #: WA0020559		Operator: Mike Lambert			
2022 Wastewater Processed in Gallons									
	2020	2021	2022	2023		2020	2021	2022	2023
January	1,458,000	1,549,650	1,619,500	1,543,600	July	1,663,000	1,769,300	1,790,100	1,763,200
February	1,342,700	1,444,200	1,368,700	1,142,600	August	1,494,200	1,674,400	1,621,600	1,572,900
March	1,299,500	1,202,300	1,525,200	1,202,800	September	1,457,100	1,498,100	1,327,400	
April	1,239,700	1,272,000	1,426,800	1,064,200	October	1,419,900	1,478,900	1,536,700	
May	1,489,000	1,611,900	1,901,400	1,340,600	November	1,311,700	1,397,500	1,468,200	
June	1,488,700	1,771,300	1,697,400	1,536,700	December	1,227,900	1,627,900	1,493,600	
Year To Date Totals		2020	2021	2022	2023				
Gallons Processed		11,474,800	12,295,050	12,950,700	11,166,600				
Wastewater Effluent Monitoring									
REQUIRED WEEKLY TESTS		RESULTS (AVG MONTHLY)				PERMIT RANGE			
Fecal Coliform Bacteria		25				Permit Range Weekly \leq 100; Monthly \leq 201			
REMOVAL Total Suspended Solids (TSS)		96.0%				TSS, Non Organics - Permit Range \geq 85%			
Total Biological Oxygen Demand (BOD)		99.0%				Organic Loading Rate - Permit Range \geq 85%			