

City of Pateros, Public Works & Parks

July 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

July was a busy month. The first half of the month is prepping for APJ which was a great success. The second half of the month has been focused on closing out small projects in public works and keeping the grass green, clean facilities, and improving curb appeal. June, July, and August are the peak months for weed growth and management is a challenge.

GRANTS, PLANNING, ECONOMIC DEVELOPMENT & PROJECTS

Water System Improvement (Final Tasks) – Waiting on report from hydrologist.

Downtown ADA improvements & Commercial Ave Upgrades – (\$569,000; 100% grant) **The 2024 funding application was submitted requesting \$620,443 to complete the sidewalk connection along Commercial Avenue from Lakeshore to Dawson. The ADA improvement project has been pushed to Spring of 2024 in hopes the second phase is funded at the same time and can go out together.**

Shoreline Master Plan – (\$11,200; 100% grant) **PROJECT CLOSED OUT.**

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. We are still working some bugs out with the manufacture. **July production was 4133 kWh**

Charging Stations – (Estimated at \$500,000 of grant funding to EVCS – no City funds) **Work has started!**

Pateros Mall Renovation Planning Study – (\$101,625; 100% grant) Community survey will kick off for Hydro weekend. Survey booth will be set up at farmers market, movie, and hydro event.

LATC – Lodging Tax Application submitted requesting \$50,000 for operation funding for VIC Operations. Presentation to LTAC committee in September.

LATC – Lodging Tax Application submitted requesting \$195,000 for Capital Improvements. Project would include demolition of existing message/board sign and installation of “RECREATON BASECAMP” pillar and recreation street art along Commercial Avenue in the proposed landscape improvements. Presentation to LTAC committee in September.

ECY Stormwater Plan – (\$109,000; 85% grant) Notified by ECY project will be funded.

DNR Tree Grant – (\$29,656; 50% grant) **Public Meetings scheduled for September 5th & 12th at 6PM at City Hall.**

The Pateros Transportation Study and Plan – (\$99,219; 100% grant) USDOT RAISE Grant submitted FOR The Pateros Transportation Study and Plan. **Notified that we did not get the grant.**

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. **Met with WSDOT, they are working on a draft funding agreement.**

Public Works Board – (\$100,000 loan/grant request) Water System Plan project to be awarded. **Do not have the loan/grant details yet.**

PUBLIC WORKS

JULY ACTIVITIES

- ✓ Continued work on repairs to main lift station. New pumps installed.
 - ✓ Wrapped up several water & sewer projects.
 - ✓ Electric lights for the winter barn were installed.
- ✓ Prep charging station plaza for construction. Temporary moved bus stop.
 - ✓ Annual vegetation and street obstruction inspection completed.

AUGUST ACTIVITIES

- Complete Lift Station Work
- Begin install of end panels on Winter Barn
- Hydro Event
- Install water/sewer connections for new duplex at Cemetery and Ives Street
- Complete annual sidewalk inspection

PARKS & RECREATION

- ✿ Irrigation repairs
- ✿ Spray for weeds.
- ✿ Removed two sick trees in Memorial Park. The trees were maples planted in the mid 80s. They both had been girdled (lawn mower damage). The red maple group (*Acer rubrum*) is not tolerant of our high pH soils and do poorly. Their growth is slow and stunted and in early summer the leaves turn butter yellow and begin to die back.
- ✿ Hosted *Northwest Battle Buddies* a non-profit organization that gifts professionally trained services dogs to Veterans battling PTSD. Helping them regain their freedom and independence. The group is paddling from Grand Coulee to Rocky Reach and plan to paddle the whole river next year. They spent the night in Ives Landing Park.
- ✿ New swim floats Peninsula Park are waiting for PUD to help us install.

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	
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	\$ 6,517.00
YTD	\$1,480.00	\$5,173.00	\$6,244.25	\$ 8,445.00	\$ 6,517.00
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	
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	\$ 855.81
YTD	\$ 532.67	\$ 605.00	\$ 825.41	\$ 715.00	\$ 855.81

STREET DEPARTMENT

- Vegetation and obstruction inspection completed
- Sidewalk inspection ongoing.
- Working on winter barn.

WATER DEPARTMENT

JULY		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	
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	11,013,668	13,618,248	Dec	1,918,369	1,943,276	2,196,784	2,148,352	
Year to Date Total Gallons	2019	2020	2021	2022	2023	Pump Station #3	16,512,512				
	58,886,141	53,262,695	59,624,994	46,305,000	50,702,672	Pump Station #4	58,848				
Water Quality Testing											
2023 Water Testing	<i>Daily - Chlorine; Monthly - Coliform; 2023 - THM, HAA5, Nitrate; Gross Alpha. 2022 test results http://www.pateros.com/index.php/resources/consumer-confidence-report/</i>										
Manganese Testing	<i>Edna St. well is the primary well. Manganese was tested 1/17/2023. Manganese was not detected.</i>										
Chlorine Daily Samples Mon - Fri	AVERAGE:	0.27	MINIMUM:	0.17	MAXIMUM:	0.42	A target residual of 0.3-1.5 (min. 0.2) used to control microbes. DOH Min Chlorine Level is 0.20 at the furthest point in the system. DOH max amount = 4.0				

David met with Cory and Mike with Evergreen Rural Water to discuss air in the lines in parts of the system. They are researching adjustment of the air relief valves at the Pump Station on Edna Street.

Control Freak inspected and adjusted the alarm systems at the pump and lift stations and the treatment plant.

SEWER DEPARTMENT

JULY		City of Pateros Sewer Department							
Permittee: 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	
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 Gallons Processed	2020	2021	2022	2023					
	9,980,600	10,620,650	11,329,100	9,593,700					
Wastewater Effluent Monitoring									
REQUIRED WEEKLY TESTS		RESULTS (AVG MONTHLY)				PERMIT RANGE			
Fecal Coliform Bacteria		34				Permit Range Weekly ≤ 100; Monthly ≤ 201			
REMOVAL Total Suspended Solids (TSS)		94.0%				TSS, Non Organics - Permit Range ≥ 85%			
Total Biological Oxygen Demand (BOD)		99.0%				Organic Loading Rate - Permit Range ≥ 85%			

- We continue to make slow progress on repairs to the lift station. The backup pumps were replaced with the rebuilt pumps. The electrician is scheduled for the 17th or 18th for the installation of the new float tree and electrical repairs.
- Mike has been working on clearing the drying beds and replenishing sand.
- The Mayor, staff and the engineer have scheduled a review meeting of the Sewer Plan in September. The meeting will review highest priority projects and funding options.