

City of Pateros, Public Works & Parks

February 2023 –Report to City Council

By City Administrator/
Public Works Supervisor
Jord L. Wilson, MLA



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

ADMINISTRATIVE

Submitted two federal grants this month and one request for federal appropriation through Represented Newhouse. Submitted a Market Study and Mall Revitalization Design through Rural Development and construction dollars for the revitalization project through Representative Newhouse's office. Also submitted a Department of Highway grant to do an in depth planning study on US-97 as it passes through Pateros. Looking at pedestrian crossings, safety and speeds, and access to the downtown.

GRANTS, PLANNING, ECONOMIC DEVELOPMENT & PROJECTS

Water System Improvement (Final Tasks) – 3/16. Engineer was here to test downtown well.

Downtown ADA improvements & Commercial Ave Upgrades – Varela has started drafting plans. Our optimistic goal, if TIB allows, is for construction after Hydros this year. Bakery parking lot has been reconfigured to maximize parking stalls and required stormwater areas. High priority areas are the parking entrances along Commercial Avenue.

Shoreline Master Plan – Drafts completed. Met with committee.

General Sewer and Wastewater Facilities Plan (GSWFP) – Draft sent to ECY 2/6/2023 for comment and approval.

Development Standards Project – Working on close out.

Solar Project – At 95%. Waiting on a couple of parts and ready to bring online. Expected in the next couple of weeks.

Charging Stations – They would like to begin construction in April

- Varela and EVCS have been working out details of parking lot.
- The large equipment cabinets and future connections have been moved across Commercial Ave.
- Douglas PUD is amending our Land-Use Permit to include the placement and connection of the equipment by EVCS and OK PUD.



SOLAR PROJECT AT
RESERVOIR

PUBLIC WORKS

FEBRUARY ACTIVITIES

- | | |
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| <ul style="list-style-type: none"> ✓ vehicle/equipment maintenance ✓ facility inspection ✓ Snow removal activities ✓ Sewer lift-station repairs. ✓ Holiday lights removed | <ul style="list-style-type: none"> ✓ Painted city hall lobby, DC office, Council chambers ✓ Burial – open and close ✓ Warren/Lakeshore Street sign replaced |
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MARCH ACTIVITIES

- | | |
|--|--|
| <ul style="list-style-type: none"> ○ Street sweeping ○ End of month start opening restrooms and turning on irrigation. | <ul style="list-style-type: none"> ○ Sign installation in the downtown ○ Set out mall furniture & trash cans |
|--|--|

PROJECTS

- **Lift Station Repairs** – Quotes have come in. Schmitt Electric will be working on the electrical repairs.
- **Warren Ave. Hydrant Replacement** – Contract ready for Council approval
- **Winter Barn** – Lifts arrived so work can continue the construction of the winter barn. We used the lifts to remove banners on street lights and pruning trees. We are also working on fixing some trail lights that are out.
- **Landscapes Spring Cleanups & Pruning** – Downtown and Mall landscape cleanups have begun. Tree pruning is mostly completed for the year.

PARKS & RECREATION

- 🌳 Arbor Day committee has met and is planning activities for the April 28th, Friday at 3:30 celebration.
- 🌳 Summer reservations for RV campsites has begun.
- 🌳 Sycamore removed at Lakeshore and Pumpstation due to snow damage.
- 🌳 Liquidambar, sweet gum, removed at bus stop in preparation of EV charging station and Commercial Avenue improvements.

STREET DEPARTMENT

- Lots of snow removal in the month of February.
- The crew has started on street sweeping.

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	
APR	\$ 160.00	\$ -	\$ 580.00	\$ 1,500.00	
MAY	\$ 85.00	\$ -	\$ 775.00	\$ 1,260.00	
JUN	\$ 35.00	\$1,855.00	\$2,635.00	\$ 2,990.00	
JUL	\$1,200.00	\$3,318.00	\$1,794.25	\$ 2,590.00	
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	\$4,224.25	\$8,599.00	\$8,956.35	\$ 11,063.42	\$ 280.00
YTD	\$ -	\$ -	\$ 350.00	\$ -	\$ 280.00
Ives Landing Dump Station (Sewer Dept)					
	2019	2020	2021	2022	2023
JAN	\$ -	\$ -	\$ -	\$ -	\$ -
FEB	\$ -	\$ -	\$ -	\$ -	\$ -
MAR	\$ -	\$ -	\$ -	\$ 24.00	
APR	\$ 21.00	\$ 113.00	\$ -	\$ 30.00	
MAY	\$ -	\$ -	\$ 186.00	\$ 160.00	
JUN	\$ 230.75	\$ 268.00	\$ 519.41	\$ 170.00	
JUL	\$ 280.92	\$ 224.00	\$ 120.00	\$ 331.00	
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	\$ -
YTD	\$ -	\$ -	\$ -	\$ -	\$ -

WATER DEPARTMENT

- Tested reservoir float system and alarms.
- Engineers tested water at downtown pump station. Results of testing will inform us of next steps. The engineer may recommend pulling the pump and videoing the well.
- Contract for hydrant replacement on Warren is ready for Council approval.

FEBRUARY		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	
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		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		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		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		Dec	1,918,369	1,943,276	2,196,784	2,148,352	
Year to Date Total Gallons	4,178,251	3,983,034	4,335,036	4,647,920	4,099,008	Pump Station #3			1,861,216		
						Pump Station #4			-		
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	<i>AVERAGE:</i>	<i>0.24</i>	<i>MINIMUM:</i>	<i>0.11</i>	<i>MAXIMUM:</i>	<i>0.32</i>	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				

SEWER DEPARTMENT

- Schmitt Electric selected to complete electrical repairs to main lift station.
- Norwell Electric worked on control panel at sewer plant and Warren Ave lift station.

FEBRUARY		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	
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		September	1,457,100	1,498,100	1,327,400	
April	1,239,700	1,272,000	1,426,800		October	1,419,900	1,478,900		
May	1,489,000	1,611,900	1,901,400		November	1,311,700	1,397,500		
June	1,488,700	1,771,300	1,697,400		December	1,227,900	1,627,900		
Year To Date Totals		2020	2021	2022	2023				
Gallons Processed		2,800,700	2,993,850	2,988,200	2,686,200				
Wastewater Effluent Monitoring									
REQUIRED WEEKLY TESTS			RESULTS (AVG MONTHLY)			PERMIT RANGE			
Fecal Coliform Bacteria			13.5			Permit Range Weekly ≤ 100; Monthly ≤ 201			
Total Suspended Solids (TSS)			94.5%			TSS, Non Organics - Permit Range ≥ 85%			
Total Biological Oxygen Demand (BOD)			98.5%			Organic Loading Rate - Permit Range ≥ 85%			