

# City of Pateros, Public Works & Parks

## June 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 month of June is one of the City's busiest. Weeds in the landscapes are impossible to keep up with, and keeping the grass green is a daily challenge. Detailing the downtown for Apple Pie Jamboree is the highest priority for the month of June and July.

APJ is a separate organization from the City. In addition to general downtown maintenance work, the city crew spends a significant number of hours setting up, attending, and cleaning up for the event. APJ does pay a \$300 event fee, and staff time for setup is funded by lodging tax. Attached is our setup checklist for the week of APJ.

## 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) Varela working on pre-design. Coordinating with ARPA funding and 2024 TIB Grant Application

**Shoreline Master Plan** – (\$11,200; 100% grant) Ready to close 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. Attached is the Commissioning Report for the system.**

**Charging Stations** – (\$0) Working with EVCS on changes made in plans. Expected construction July/August.

**Pateros Mall Renovation Planning Study** – (\$101,625; 100% grant) drafting scope and consultant agreements.

**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 5<sup>th</sup> & 12<sup>th</sup> 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.

**Public Works Board** – Grant application for Water System Plan submitted Varela and I are working on a grant application to update our Water Plan which has expired.

# PUBLIC WORKS

## JUNE ACTIVITIES

- ✓ Continued work on repairs to main lift station.
  - ✓ Street sweeping completed
  - ✓ Responded to several water/sewer service calls.
- ✓ Continued work on downtown parking signs. Improvements to Pateros Garden overflow parking.
  - ✓ Gathered bids for electric work on winter barn.

## JULY ACTIVITIES

- Prep streets for street striping

# PARKS & RECREATION

- ✚ Completed repairs to splash pad
- ✚ Removed tree that was heaving sidewalk in front of BTO
- ✚ Park and right of way maintenance is in high demand – downtown has been the priority of weed spray and removal
- ✚ Ongoing irrigation repairs
- ✚ Repainted apple and fish
- ✚ Repairs and painting at kitchen kiosk in Memorial Park.
- ✚ Installation of water lines at downtown pump station for vender use during events.
- ✚ Playground repairs
- ✚ Event setup and cleanup for Salmon Bake; 4<sup>th</sup> of July; and Movie in the Park

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	
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	\$ -	\$ -	\$ -	\$ -	
<b>Total</b>	<b>\$ 280.00</b>	<b>\$8,599.00</b>	<b>\$8,956.35</b>	<b>\$ 11,063.42</b>	<b>\$ 4,250.00</b>
<b>YTD</b>	<b>\$ 280.00</b>	<b>\$1,855.00</b>	<b>\$4,450.00</b>	<b>\$ 5,855.00</b>	<b>\$ 4,250.00</b>
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	
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	\$ -	\$ -	\$ -	\$ -	
<b>Total</b>	<b>\$1,039.73</b>	<b>\$1,274.35</b>	<b>\$1,788.56</b>	<b>\$ 1,402.71</b>	<b>\$ 564.76</b>
<b>YTD</b>	<b>\$ 251.75</b>	<b>\$ 381.00</b>	<b>\$ 705.41</b>	<b>\$ 384.00</b>	<b>\$ 564.76</b>

# STREET DEPARTMENT

- Repairs to skid steer and side by side.
- Street sweeping completed
- Gathering bids for crack seal and fog seal for bakery parking lot.

## WATER DEPARTMENT

JUNE		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	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	
<b>Year to Date Total Gallons</b>	2019	2020	2021	2022	2023	<i>Pump Station #3</i>	<b>13,431,296</b>				
	39,917,861	36,661,163	40,040,752	29,954,496	34,131,312	<i>Pump Station #4</i>	<b>186,952</b>				
<b>Water Quality Testing</b>											
<b>2023 Water Testing</b>	<i>Daily - Chlorine; Monthly - Coliform; 2023 - THM, HAA5, Nitrate; Gross Alpha. 2022 test results <a href="http://www.pateros.com/index.php/resources/consumer-confidence-report/">http://www.pateros.com/index.php/resources/consumer-confidence-report/</a></i>										
<b>Manganese Testing</b>	<i>Edna St. well is the primary well. Manganese was tested 1/17/2023. Manganese was not detected.</i>										
<b>Chlorine Daily Samples Mon - Fri</b>	<i>AVERAGE:</i>	<i>0.31</i>	<i>MINIMUM:</i>	<i>0.17</i>	<i>MAXIMUM:</i>	<i>0.66</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				

Summer is peak demand for the water system – it also the season with the highest requested service calls. In the month of June the crew worked on several meter repairs and replacements and replacements.

## SEWER DEPARTMENT

JUNE		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	
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	
<b>Year To Date Totals Gallons Processed</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2023</b>				
	8,317,600	8,851,350	9,539,000	7,830,500					
Wastewater Effluent Monitoring									
REQUIRED WEEKLY TESTS			RESULTS (AVG MONTHLY)			PERMIT RANGE			
Fecal Coliform Bacteria			7			Permit Range Weekly ≤ 100; Monthly ≤ 201			
Total Suspended Solids (TSS)			96.0%			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. We do have all the equipment needed on site, and the crew has begun assembling.
- Repairs made to jetter.
- Two emergency calls for backed up lines – one was roots and one was grease.