

City of Pateros, Public Works & Parks

July 2022 –Report to City Council

By City Administrator/
Public Works Supervisor
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Public Works Team
Mike Lambert – Wastewater
David Hunter – Water/Streets
Ryan Sisler – Parks
Dalton Heller – PW/Parks

ADMINISTRATIVE

The focus of the last 30-days has been Apple Pie Jamboree. We reconfigured and striped the Bakery and Wrights Parking. We are waiting on some ADA templates to complete but will have temporary ADA signage up for APJ. Met with Alex at the Bakery and TJ with Wrights and got a thumbs up on the project. We have received a lot of positive comments on how downtown Pateros is looking.

Three electric charging stations are coming to the bakery parking lot. Alex was excited about the electric charging stations coming to the parking lot and thinks it will benefit his business.

GRANTS, PLANNING, ECONOMIC DEVELOPMENT & PROJECTS

Water System Improvement (Final Tasks) – Having difficulty finding well drillers to respond to our request to pull the downtown pump. Some of the testing can be done in advance of pulling the pump and we have been put on the schedule.

Welcome Center Project – We are still tying up loose ends on the breezeway. The gutters have been installed. A custom gutter/downspout has been ordered. Erlandsen is working on the survey for the design phase of the project. Scott Detro has sent the deed correction paperwork to the owners of the Post Office for their review.

Shoreline Master Plan – Workshop planned for 7/18 before the Council meeting.

General Sewer and Wastewater Facilities Plan (GSWFP) – Daniel and Nate met with the Water/Sewer Committee and reviewed two Technical Memos. SEE ATTACHED

TIB Warren Street Sidewalk Grant – The project is substantially complete. We have received a lot of positive comments of the project and how nice it looks. The contractor is still working on a final punch list. There has a been a lot of interest in the next phase and the planting of trees. Next steps: 1. Prep a draft plan for the Tree Board to review in October or September. 2. Present to public and council in November for comment. 3. Write tree grant in December.

2022 Chip Seal/Crack Seal Project – Chip Seal is coming end of July. BE READY

Winter Barn – Electric service conduit line and meter installed. Waiting on LnI inspection. PUD will follow with pulling line for service connection and installation of security light. Side bracing scheduled for July or August.

Solar Project – Scheduling and material availability has delayed this project until August installation at the earliest.

Charging Stations for Downtown – The Pateros site is an apparent recipient of the grant, which will include two fast charging and one older charging station. No action expected for some time.

PUBLIC WORKS

JUNE/JULY ACTIVITIES

- ✓ APJ prep
- ✓ Winter barn electric inspected. PUD scheduled to install security light.
- ✓ Weed spray and management ongoing.
- ✓ Irrigation stubbed in on Warren Ave. Sidewalk project.
- ✓ Broken water line at Methow Boat Launch restrooms repaired. Restrooms offline for a weekend.
- ✓ Service line repair on Eveline Street.
- ✓ Completed Excavation training and will be adding it to our Safety Plan

APR/MAY PLANNED ACTIVITIES

- ❖ Prep and chip seal City streets.
- ❖ Parking lot and street striping
- ❖ Replace fire hydrant on Industrial Way.
- ❖ New sewer and water service installation

PARKS & RECREATION

- 🌳 The splash pad is up and running.
- 🌳 Trash cans replaced along trail in Memorial.
- 🌳 Bidders' information meeting with PUD on trail construction.
- 🌳 The Park Committee met and reviewed the park code for update.
- 🌳 APJ prep in the downtown – freshened up paint, cleaned gazebos, sprayed/pulled/cut weeds, edged curbs & swept. Installed potable water spigots at small gazebos in Memorial and temporary spigots for APJ at Pump Station.
- 🌳 PUD helped us set docks and sprayed for milfoil in the swimming area at Peninsula Park
- 🌳 Contractor had extra concrete that we were able to use to pour two concrete pads for picnic tables at Methow Boat Launch.

PUBLIC WORKS PERPETUAL CALENDAR						%	✓
JULY							
Peak Weed Management						80	
APJ Prep						100	✓
Sidewalk Inspection						100	✓
Vegetation and street obstruction inspection						100	✓
Schedule tennis court repairs						100	✓
AUGUST							
Street Striping						25	
Street repair special projects						0	
Street sign special projects						0	
Test biosolids & Sours						25	
Facility Inspections for budget						0	
Schedule Tennis Court Repairs						50	
Playground Inspection							
SEPTEMBER							
Haul						0	
Schedule Contract Pruning							
Hydrant flushing, valve actuation							
Hydrant Inspections & Repairs							

Parks RV/Camping/Parking Fees Memorial & Ives Landing						
	2017	2018	2019	2020	2021	2022
JAN	\$ -	\$ -			\$ 105.00	
FEB	\$ -	\$ 25.00			\$ 245.00	
MAR	\$ -	\$ -			\$ 110.00	\$ 105.00
APR	\$ 97.00	\$ 25.00	\$ 160.00		\$ 580.00	\$1,500.00
MAY	\$ 136.50	\$ 332.00	\$ 85.00		\$ 775.00	\$1,260.00
JUN	\$ 423.00	\$1,227.85	\$ 35.00	\$1,855.00	\$2,635.00	\$2,990.00
JUL	\$ 279.00	\$2,866.88	\$1,200.00	\$3,318.00	\$1,794.25	
AUG	\$1,195.24	\$3,676.00	\$ 740.25	\$1,994.00	\$1,105.00	
SEP	\$ 410.35	\$ 814.00	\$1,739.00	\$1,125.00	\$1,437.10	
OCT	\$ 153.00	\$ 460.00	\$ 120.00	\$ 305.00	\$ 135.00	
NOV	\$ 6.00	\$ 37.00	\$ 145.00	\$ 2.00	\$ 35.00	
DEC	\$ -	\$ -	\$ -			
Total	\$2,700.09	\$9,463.73	\$4,224.25	\$8,599.00	\$8,956.35	\$5,855.00
YTD	\$ 656.50	\$1,609.85	\$ 280.00	\$1,855.00	\$4,450.00	\$5,855.00
Ives Landing Dump Station (Sewer Dept)						
	2017	2018	2019	2020	2021	2022
JAN	\$ -	\$ -				
FEB	\$ -	\$ 10.00				
MAR	\$ -	\$ -				\$ 24.00
APR	\$ 48.16	\$ 40.00	\$ 21.00	\$ 113.00		\$ 30.00
MAY	\$ 95.85	\$ 85.00			\$ 186.00	\$ 160.00
JUN	\$ 228.00	\$ 240.00	\$ 230.75	\$ 268.00	\$ 519.41	\$ 170.00
JUL	\$ 276.00	\$ 285.00	\$ 280.92	\$ 224.00	\$ 120.00	
AUG	\$ 305.00	\$ 112.00	\$ 155.00	\$ 341.75	\$ 358.00	
SEP	\$ 97.00	\$ 143.00	\$ 236.06	\$ 126.25	\$ 375.00	
OCT	\$ 145.50	\$ 164.00	\$ 116.00	\$ 201.35	\$ 230.15	
NOV	\$ 104.75	\$ 53.00	\$ -	\$ -	\$ -	
DEC	\$ -	\$ 83.00	\$ -			
Total	\$1,300.26	\$1,215.00	\$1,039.73	\$1,274.35	\$1,788.56	\$ 384.00
YTD	\$ 372.01	\$ 375.00	\$ 251.75	\$ 381.00	\$ 705.41	\$ 384.00

WATER DEPARTMENT

- Attached is the 2022 Water Quality Report. The City water meets all of DOH testing requirements and does not exceed any Maximum Contaminant Levels. The language in the document is governed by EPA and DOH. Reported are all samples that exceed the State Reporting Limit. The report is due to the public annually by July 1st. A report notice was sent out in utility billing. The report is posted online and copies were delivered to the Library.
- 2023 lead and copper sampling report came back and both copper and lead are well below the EPA Regulatory Action Level.
- The Water Department got a grant from DOH to test our water for PFAS or Polyfluorinated Substances. PFAS is group of chemicals used to make coatings and products that resist heat, oil, stains, and water. Recently found in Airway Heights, and associated with fire retardants. The lab tested for 25 contaminants in the both of our wells. Twenty-four contaminants were not detected in the water supply. One of the contaminants, PFPeA Perfluoropentanoic acid, had a result just above the State Detection Reporting Limit, but did not meet a State Action Level or an EPA Maximum Contaminant Level.
- Reporting Violation: We missed a sample requirement at the end of 2021. We were required to take two samples of THM and HAA5, and mistakenly ordered only one sample kit. The second sample has been sent in; however, the Pateros Water Department shows a Water Quality Monitoring and Reporting Violation and I will report it to the public in the 2023 Water Quality Report.

JUNE		2022 WATER PRODUCTION									
	2018	2019	2020	2021	2022		2018	2019	2020	2021	2022
Jan	1,797,800	2,121,438	2,036,291	2,277,596	2,673,280	Jul	17,454,000	18,968,280	16,601,532	19,584,242	
Feb	1,552,000	2,056,813	1,946,743	2,057,440	1,974,640	Aug	14,152,900	16,600,547	16,750,284	15,522,640	
Mar	1,778,900	2,260,796	2,373,833	2,133,860	2,375,360	Sep	10,192,700	8,729,598	12,227,228	11,318,457	
Apr	2,963,400	4,503,629	6,608,729	6,062,448	4,126,768	Oct	6,663,600	4,690,568	5,526,800	6,718,040	
May	9,611,300	12,892,999	10,446,235	11,714,756	7,790,780	Nov	2,076,600	2,178,552	1,961,332	2,909,658	
Jun	13,457,700	16,082,186	13,249,332	15,794,652	11,013,668	Dec	1,867,529	1,918,369	1,943,276	2,196,784	
Year to Date Total Gallons	31,161,100	39,917,861	36,661,163	40,040,752	29,954,496		Pump Station #3		11,013,668		
							Pump Station #4		-		
							% of change YTD compared to AVG 2018-2021			-23%	
Water Quality Testing											
Coliform Test	This is an indicator test for total coliform (good and bad). The presence of coliform in a sample indicates the need for further testing										
6/15/2022	1 Tests		Coliform absent								
Chlorine Monitoring	A target residual of 0.3-0.5 (min. 0.2) used to control microbes *As part of routine monitoring, the chlorine input rate is immediately increased for all chlorine tests results below 0.2 to meet the DOH minimum of 0.2										
6/1-6/30	Month Average of 0.28	Daily samples Mon-Fri			Target Min Chlorine Levels is 0.20 at furthest point in system. Target levels 0.3 - 1.50 (4.0 State MCL)						
Manganese Testing	Historic Highs from old wells 0.2-0.7 & DOH SMCL 0.05										
Location	Date	Most Current			Average	High	Low	Median			
Pump Station #3	03/02/22	0.00079			0.00113	0.01207	0.00010	0.00017			
Pump Station #4	09/10/21	0.66800			0.12412	0.66800	0.00037	0.09879			

STREET DEPARTMENT

- We rented a grinder to remove the trip hazards on sidewalks and the Mall. Dalton and Roman completed the project.
- The Street Committee & Sheriff's office met and reviewed Chapter 10.04 MOTOR VEHICLE CODE and the 2022 Local Road Safety Plan. It is ready for Council review.
- Contractor at sidewalk project had extra asphalt that we were able to use on a street repair project at Ives & Independence.
- Chip seal is coming end of July or first of August, depending on the County schedule. Public Works will be prepping the roads and working with the County to complete the project. We are getting a lot more chip seal by working with the County, as opposed to working with private contractors.

WARNING: CHIP SEAL & OIL COMING SOON

TENTATIVE DATE: JULY 28 - Check Pateros.com for map & updates

We will try to be as careful as possible to keep oil on the street, but it does splash and blow in the wind. **Please move all items, equipment, vehicles, basketball hoops off of the edge of the road to make way for the project.**

The project will be on some or all of Beach, Dawson, Eveline, Independence, Ives, Kelly, Otto, Pryor, Riverside Dr, Riverside Dr Lwr, Warren, & Watson. Go to Pateros.com for map, details, and updates.



SEWER DEPARTMENT

Plant operation has been good for the last month.

City of Pateros Sewer Department									
JUNE	Permitee: Pateros POTW				Permit #: WA0020559		Operator: Mike Lambert		
2022 Wastewater Processed in Gallons									
	2019	2020	2021	2022		2019	2020	2021	2022
January	1,267,300	1,458,000	1,549,650	1,619,500	July	1,580,000	1,663,000	1,769,300	
February	1,136,000	1,342,700	1,444,200	1,368,700	August	1,415,100	1,494,200	1,674,400	
March	1,284,500	1,299,500	1,202,300	1,525,200	September	1,496,300	1,457,100	1,498,100	
April	1,741,500	1,239,700	1,272,000	1,426,800	October	1,611,290	1,419,900	1,478,900	
May	1,427,400	1,489,000	1,611,900	1,901,400	November	1,442,200	1,311,700	1,397,500	
June	1,448,900	1,488,700	1,771,300	1,697,400	December	1,433,100	1,227,900	1,627,900	
Year To Date Totals	2019	2020	2021	2022	% of change YTD				15%
Gallons Processed	8,305,600	8,317,600	8,851,350	9,539,000	compared to 2019				
Wastewater Effluent Monitoring									
Total BOD 5-day	Organic Loading Rates (Permit Range $\geq 85\%$)			Fecal Coliform Bacteria	(Permit Range Weekly ≤ 100 ; Monthly ≤ 200)				
Weekly Test	4 - Tests	99% removal		Monthly Geometric Mean	4-tests	1.3			
TSS	Total Suspended Solids, non organics (Permit Range $\geq 85\%$)			Disolved Oxygen	Daily – Report Only				
Weekly Test	4 - Tests	98% removal		Daily Test	Mon-Fri	6.8 Max			
pH	(Daily min/max permit range equal/between pH 6 and pH 9)			Temperature	Daily – Report Only Average Degree Celcius				
Weekly Minimum	Mon-Fri	7		Daily Test	Mon-Fri	19			
Weekly Maximum	Mon-Fri	7.3		Amonia (Report only)	1 sample	6/14/2022	0.204		