

City of Pateros, Public Works & Parks Report

City Council Report

July, 15 2019

*By City Administrator/
Public Works Supervisor*

Jord L. Wilson, MLA



Public Works Team

Mike Lambert – Wastewater

Doug Kirk – Water

Ryan Sisler - Parks

Administrative

- Sent final information to State EMD as requested. The FEMA grants are in closeout stage.
- Completed bio-solids report for Department of Ecology on its new online system.
- Kerri submitted for reimbursement on the TIB Industrial Way grant on the new online system.
- We are in the process of closing out the second Direct Appropriations Grant of \$1,067,000.
- Met with Ben and Pete with Varela Engineering do strategize the final phases of the water project.

PUBLIC WORKS

Preparing for APJ has been the highest priority for the last month. Green grass, curb appeal, and clean facilities are at the top of the list. Work orders related to water issues are also at the top of the list. We saw a new high in water consumption for a single day, July 5th of 707,000 gallons of finished water produced.

Project List:

- Streets swept and re-stripped **Ongoing ready to re-stripe**
- Install Library dog parking station **Completed**
- Install signage at Ives Landing Park **Ongoing**
- Repair bollards and install camera under bridge **Completed**
- Curb Appeal – Spray and weed eat **Made good progress, Ongoing**
- Peninsula Park Kitchen repairs – **In progress**
- Make required DOH improvements to Ives Landing Dump Station – **Materials for project ordered**
- Remodel landscape at Main Pateros sign on Lakeshore and US97 for safety. **Tall grasses removed for visibility; weeds maintained.**
- Treatment plant maintenance catchup and biosolids testing **Completed**
- Copper and Lead testing **Completed**

Streets & Equipment

- After the Methow Memorial was installed, we received numerous complaints about kids circulating from the bakery to the tipi and having close encounters with vehicles. The new project will also increase pedestrians in Lakeshore, along with the existing playground. I will be reviewing speeds and signage in the City, especially on Lakeshore Drive and places where pedestrians and vehicles share the road. I plan to bring recommendations to Council at the August meeting.
- Bid opening scheduled for July 30th at 1pm for chipseal project on parts of Ives and North Street.

PARKS

- ✿ Irrigation repairs have plagued the parks department. With the new pressures we have seen a
- ✿
- ✿ big jump in irrigation breaks. Mostly, the repairs are related to head replacements, but there have been a few line breaks. Much of our system is over 30 years old, so we will be evaluating needed repairs to valves and controllers to keep the system in working order.
- ✿ Will be reviewing No Wake regulation in the estuary. Right before the 2014 fire, the City met stakeholders, the Sherriff, and the PUD to come up with a solution, as the law if enforced would restrict all boating activity in the estuary. Meetings with the Okanogan County Commissioners were cancelled due to the fire. We have received several complaints, and will be revisiting the issue. See attached info sheet that was prepared for Mayor Harrison. I have spoken recently with Scott Krieter, and he believes the Douglas PUD would still support the proposal.



Pet Parking Installed

The Fourth of July

Memorial Park was pretty busy during the July 4th celebration week (if trash is an indication.) The park is the only legal place in the City to set off fireworks, and the park always sees a lot of activity. The City sets out bins for spent fireworks to be deposited in. We believe a firework was still smoldering when tossed in bin, and continued until catching the entire bin on fire. The Fire Department was called out after 1 AM on the 5th and put out the fire. The only loss was a small patch of lawn and one of our new bins we use for trash.

After a de-brief with fire chief Zwiegle, the fireworks in Memorial did what they are supposed to: **everyone was safe, no fires in the residential area, and no wildland fires.** In the future, we will be making buckets of water available to douse spent fireworks before they go in the bin. In the many years that we have done this, this is the first fire in memory.



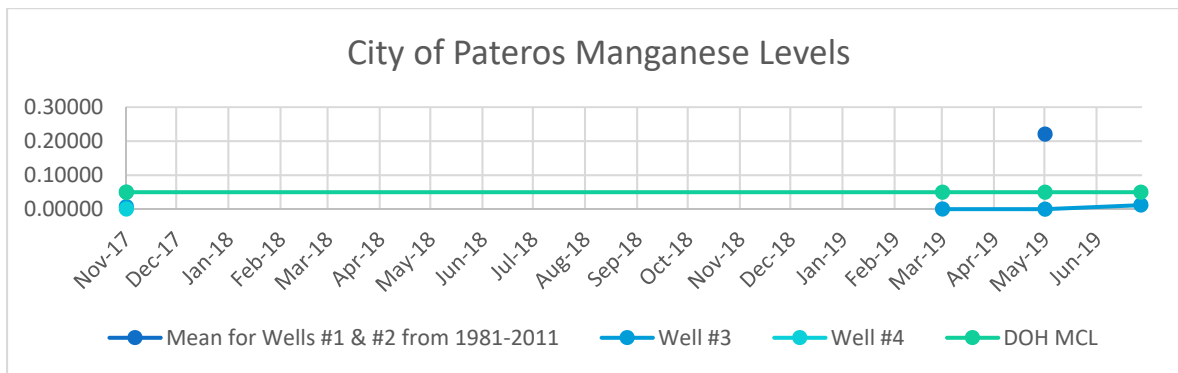
Trash Bin Burned

WATER DEPARTMENT

Manganese:

Big uptick in manganese levels in Well #3 this month. Still far below the MCL and a long way from the levels of the old wells.

	Mean for Wells #1 & #2 from 1981-2011	Well #3	Well #4	DOH MCL
Nov-17		0.00740		0.05000
Nov-17			0.00040	0.05000
May-19	0.22038	0.00022		0.05000
Mar-19		0.00038		0.05000
Jun-19		0.01207		0.05000



Lead and Copper testing:

A representative 10 samples were collected on June 27 for our State mandated lead and copper test. All of the tests were below the Regulatory Action Levels (RAL). The RAL for copper is 1.3 mg/l, and the highest copper result was 0.0642, well below the RAL. Likewise, the RAL for lead is 0.015 with the highest lead level being a trace at 0.00104. Lead and copper in the water supply is generally caused by the corrosion of household plumbing, and lower pH levels. The City has higher pH levels and relatively new plumbing, so high levels of copper and lead would be unexpected.

Water Project General Timeline

Summer/Fall 2019

Finish pump station #4

Decommission the old Reservoirs and old wells to DOH satisfaction

Winter 2019/2020

Design final water improvement projects

- Water loop on Industrial Way and Pederson Road
- Fill station at recycle center

- New meters, sample taps & fire hydrants

Evaluate budget and determine if enough funds for Well #3

Spring 2020

Final construction

Consumption for the month of June, although up, is not up as much as April and May. Maybe people have received their overage bill and have started to reduce the amount of irrigation.

City of Pateros Water Department							
System ID	66450 C			Total Service Connections	277		
Reservoir Capacity	565,000 gallons			Wells	1		
2019 Water Produced in Gallons							
	2018	2019	% in Change		2018	2019	% in Change
January	1,797,800	2,121,438	18%	July	17,454,000		
February	1,552,000	2,056,813	33%	August	14,152,900		
March	1,778,900	2,260,796	27%	September	10,192,700		
April	2,963,400	4,503,629	52%	October	6,663,600		
May	9,611,300	12,892,999	34%	November	2,076,600		
June	13,457,700	16,082,186	20%	December	1,867,529		
Year to Date Totals	2018		2019		% in Change		
	31,161,100		39,917,861		22%		
Water Quality Testing							
Coliform Test	<i>This is an indicator test for total coliform (good and bad). The presence of coliform in a sample indicates the need for further testing</i>						
6/28/2019	1 sample tested		Coliform absent				
Chlorine Monitoring	<i>A target residual of 0.3-0.5 (min. 0.2) used to control microbes</i>						
6/3/2019-6/28/2019	Daily samples Mon-Fri		Chlorine Levels greater than .02 at furthest point in system. Target levels 0.05 - 1.50 (4.0 State MCL)			Chlorine Ranged 1.2-.07	
Services							
No new connections							

SEWER DEPARTMENT

City of Pateros Sewer Department							
Permittee: Pateros POTW		Permit #: WA0020559		Operator: Mike Lambert			
2019 Wastewater Processed in Gallons							
	2018	2019	% in Change		2018	2019	% in Change
January	1,390,000	1,267,300	-8.8%	July	1,763,500		
February	1,615,500	1,136,000	-29.7%	August	1,499,300		
March	1,451,500	1,284,500	-11.5%	September	1,505,000		
April	1,566,000	1,741,500	11.2%	October	1,545,500		
May	1,496,800	1,427,400	-4.6%	November	1,179,200		
June	1,596,800	1,448,900	-9.3%	December	1,164,200		
Year To Date Totals Gallons Processed	2018		2019		% in Change		
	9,116,600		8,305,600		-8.9%		
Wastewater Effluent Monitoring							
Total BOD 5-day	Organic Loading Rates (Permit Range \geq 85%)						
Weekly Test	4 - Tests		98.75% removal				
TSS	Total Suspended Solids, non organics (Permit Range \geq 85%)						
Weekly Test	4-tests		94% removal				
pH	(Daily min/max permit range equal/between pH6 and pH9)						
Weekly minimum	Mon-Fri		7.1				
Weekly Maximum	Mon-Fri		7.6				
Fecal Coliform Bacteria	(Permit Range Weekly \leq 100; Monthly \leq 200)						
Weekly geometric mean	4-tests		2.8				
Monthly geometric mean	4-Tests		2.8				
Dissolved Oxygen	Daily – Report Only						
Daily Test	Mon-Fri		3.1 Maximum				
Temperature	Daily – Report Only						
Daily Test	Mon-Fri		20.3 Degrees C Average				
Ammonia	Monthly – Report Only						
	6/27/2019	1 sample		0.14			

June Notes:
Overall flows continue to be down from last year. Biosolids have been tested. We are waiting on the results. If results prove acceptable with normal levels of zinc, we will plan on hauling to Boulder Park late summer or early fall. 2019 Biosolids report filed with ECY.

OVERVIEW

Peninsula Park has been a designated swim area since the relocation of the City. Locally known as the estuary, the swim area is a popular summer swim beach. Peninsula Park has restrooms, and picnic shelters. The Peninsula Park swim area is a primary summer play area for neighborhood kids and local families. It is the only designated swim area in the City, because of the dangerous currents of the Methow and Columbia Rivers. Recently, improvements to the swim beach were made by the Douglas PUD. A retaining wall was constructed to widen the beach, and ramps and stairs were constructed to make the beach more accessible.

PRIORITY

Swim Safety—In an effort to increase swimmer safety the City has installed marker buoys and string-line buoys demarcating the designated swim area and providing visual cues for watercraft.

Preserve residents access to docks.

CONSTRAINTS

The estuary is also the location of numerous residential docks. The distance between the designated swim area and the residential docks is less than the allowable distance by Okanogan County Code (8.52.110 *Operation in restricted water area. A. No person shall operate a vessel within 25 yards of a water area which has been clearly marked with buoys, skin-diving markers, or some other distinguishing markers such as bathing, swimming, skin-diving or other restricted area.*)

City of Pateros Peninsula Park (Estuary)

Proposal to amend Okanogan County Code to increase swimmer safety and maintain access to private docks.



Mayor, Liberty Harrison

113 Lakeshore Drive

Pateros, WA 98846

Proposal

The City proposes amending the Okanogan County Code to allow boaters to use the estuary at Peninsula Park at a minimum speed required for navigation for egress and ingress to private docks. The City would post signs from shore, and law enforcement would have clear guidelines on what should be enforced.

