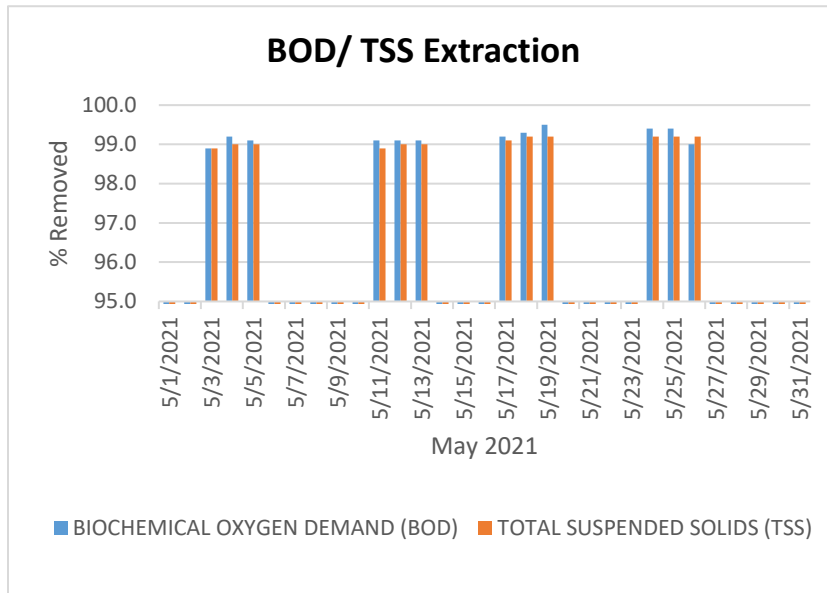


## Monthly Department Report Public Works May 2021

### Key Performance Indicators

**Wastewater Treatment:** This chart shows the percentage of BOD/ TSS removed from incoming (influent) sewage to the wastewater plant. The State’s standard is to achieve 85% or above. The data are sampled in three-day batches. BOD and TSS are key indicators for our staff to understand the properties of the influent (raw sewage) to properly process and discharge the effluent (clean water) to the canal.

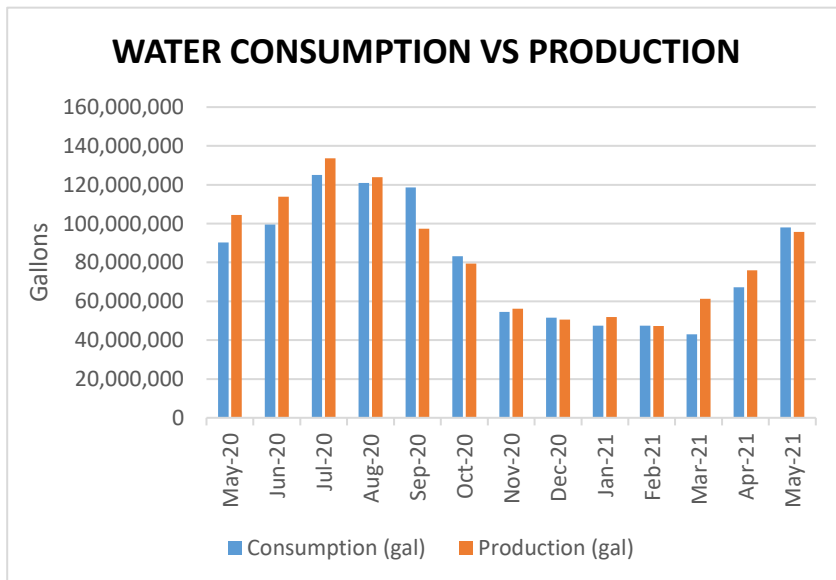


**Biochemical Oxygen Demand (BOD)**

represents the amount of oxygen consumed by bacteria and other microorganisms while they decompose organic matter under aerobic conditions at a specified temperature.

**Total Suspended Solids (TSS)**

are solids in water that can be trapped by a filter. TSS can include a wide variety of material, such as silt, decaying plant and animal matter, industrial wastes, and sewage. High concentrations of suspended solids can cause many problems for stream health and aquatic life.

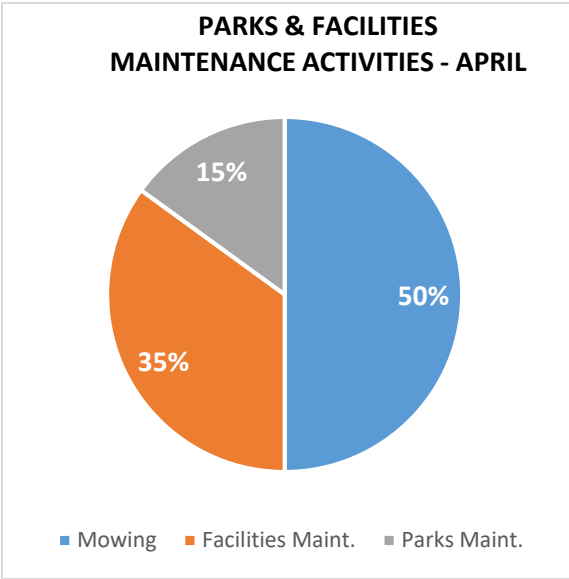
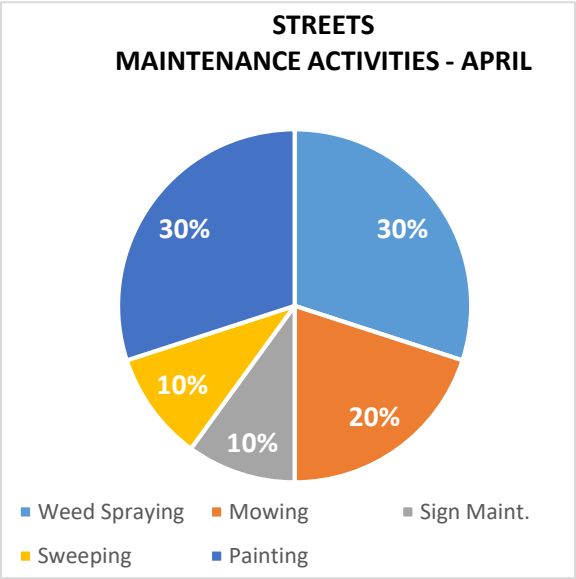


**Water System Efficiency:**

The graph at left shows the volume of water produced (pumped) versus the volume of water consumed (sold).

State standards are that water utilities should have less than 10% loss between the volume pumped and the volume sold.

Sunnyside’s water utility averaged less than 5% loss in 2019.



**Projects and Initiatives**

<b>Project/Initiative: POOL FACILITY REHABILITATION</b>	
<b>Lead:</b> Shane Fisher and Mitch Zeigler	
<b>Description:</b> Repainting interior/ exterior pool facility, repairing fixtures, installing lockers, exterior paint.	
<b>Overall Status:</b>	<span style="color: green;">■</span> On track.
<b>Scope:</b>	<span style="color: green;">■</span> On track.
<b>Schedule:</b>	<span style="color: green;">■</span> On track.
<b>Budget:</b>	<span style="color: green;">■</span> On track. Budget is within appropriated funding.
<b>Tasks Accomplished:</b> Interior wall coatings are complete. Exterior murals complete. Pool house and shower floor surfaces are painted. Repaired plumbing fixtures. Exterior is painted.	
<b>Next Council Action:</b> Update at 6/7 meeting.	

<b>Project/Initiative: PORT/CITY AIRPORT HANGER PROJECT</b>	
<b>Lead:</b> Shane Fisher	
<b>Description:</b> Design and construction of a new hanger at the Sunnyside Municipal Airport by the Port.	
<b>Overall Status:</b>	<span style="color: orange;">■</span> On hold.
<b>Scope:</b>	<span style="color: green;">■</span> Assist Port in the construction of a new flexible-use Hanger facility on city-owned land at Sunnyside Airport.
<b>Schedule:</b>	<span style="color: orange;">■</span> On hold. Port will complete the design of the hanger and pause further work until building material costs have stabilized.
<b>Budget:</b>	<span style="color: green;">■</span> \$750,000 (Commerce grant to Port).
<b>Tasks Accomplished:</b> The Port conducted an RFQ for engineering services and hired JUB Engineering to design the new hanger. Sewer system will be septic/drain field. FAA has given preliminary approval of hanger location. Port consultant surveying proposed hanger area. Survey needed to include in the 7460 to FAA and in the lease. Lease agreement was taken to city council on April 12 for approval and execution. Port did receive its first reimbursement from Commerce on expenses incurred thus far on design.	
<b>Next Council Action:</b> Staff will update council periodically	

<b>Project/Initiative: AIRPORT PERIMETER SECURITY FENCING</b>	
<b>Lead:</b> Shane Fisher	
<b>Description:</b> Survey and install a perimeter security fence around the airport property.	
<b>Overall Status:</b>	Delayed by FAA.
<b>Scope:</b>	Complete Survey, Appraisal, Annexation, Make offer to Port for property.
<b>Schedule:</b>	On hold. Survey was completed. Now waiting on Master Plan update.
<b>Budget:</b>	On hold. Unsure of FAA funding and possible matching funds by city are unknown.
<b>Tasks Accomplished:</b> HLA completed property survey. However, during our January Capital Improvement Planning call, FAA informed us that our Airport Master Plan must be updated before the project may proceed.	
<b>Next Council Action:</b> See next item for details.	





<b>Project/Initiative: AIRPORT MASTER PLAN UPDATE</b>	
<b>Lead:</b> Shane Fisher	
<b>Description:</b> FAA is requiring us to update our Airport Master Plan in light of perimeter fence project. We must conduct a Request For Qualifications (RFQ) to select an engineering firm to update our master plan. HLA must compete in the RFQ because we did not identify an "Airport Master Plan Update" in the expected scope of work when we last renewed our consultant agreement with HLA.	
<b>Overall Status:</b>	Newly identified project per FAA direction.
<b>Scope:</b>	Apply to FAA for a Planning Grant to update the Airport Master Plan. Conduct an RFQ to select a qualified engineering firm. Negotiate a consultant agreement and fees to update the Airport Master Plan. Complete Airport Master Plan update.
<b>Schedule:</b>	Grant application was submitted to the FAA on April 6. SOQ process was completed and Century West Engineering (CWE) was the successful firm. CWE will submit their scope/ fee next week for city review. Master Plan will take 9-12 months to complete.
<b>Budget:</b>	FAA Grant application was approved by city council and submitted to FAA for review and approval. FAA agreed to pay 100% of the cost due to an ARP program. We are seeking a grant in the amount of \$600,000.
<b>Tasks Accomplished:</b> SOQ is complete. FAA grant application was approved by city council and was submitted to the FAA on April 6. FAA is reviewing Scope of Work (SOW) from CWE. Selected firm to conduct the Independent Fee Estimate (IFE). FAA requested the City reduce the SOW and costs. City staff is working with CWE to reduce the scope and fee.	
<b>Next Council Action:</b> Contract award to CWE once the scope/ fee have been approved by FAA and negotiated.	





<b>Project/Initiative: WATER METER BASE STATION PROJECT</b>	
<b>Lead:</b> Shane Fisher and Daniel Tiliano	
<b>Description:</b> Updating our water meter reading system to allow them to be read automatically instead of staff driving around and reading them via a laptop. New system uses an antenna located on the Skyline Reservoir and can read the meters with the push of a button by utility billing staff.	
<b>Overall Status:</b>	On track.
<b>Scope:</b>	On track.
<b>Schedule:</b>	On track.
<b>Budget:</b>	We budgeted \$107,000 this year to complete the software integration, as well as purchase and install approximately 1,500 new antennas for each water meter.
<b>Tasks Accomplished:</b> Software Integration is complete. Staff used the new system to read last month with very few issues. Staff training was completed. System is up and running thanks to the hard work of the Finance and PW department staff.	
<b>Next Council Action:</b> None	





<b>Project/Initiative: MIDVALE ROAD RESURFACING PROJECT</b>	
<b>Lead:</b> Shane Fisher and Jaime Alvarez	
<b>Description:</b> This project improves Midvale Road from Duffy Road to WSDOT right-of-way. The City's anticipated match is \$234,690.	
<b>Overall Status:</b>	On track.
<b>Scope:</b>	Redesigning per TIB review comments, solicit bids, select contractor, and construct improvements.
<b>Schedule:</b>	Advertise for bids 05/18/21; Open bids 06/03/21; City Council award 06/14/21; Start construction 07/06/21; Complete construction 10/26/21
<b>Budget:</b>	\$2,112,200 grant from TIB, Bids came in at \$1,395,000, City match is \$195,550 paid via the TBD Sales Tax.
<b>Tasks Accomplished:</b> Survey is complete. Received a bid of \$1,395,000, which is 25% below the engineers estimate.	
<b>Next Council Action:</b> Award construction contract to Central Washington Asphalt on June 14.	





<b>Project/Initiative: NORTH 6th STREET CORRIDOR IMPROVEMENTS</b>	
<b>Lead:</b> Shane Fisher and Jaime Alvarez	
<b>Description:</b> Remove and replace all existing roadway, curbs, gutters, and sidewalks. Install new street lighting and trees. Upgrade Water, Sewer, & Stormwater infrastructure in certain areas.	
<b>Overall Status:</b>	Continue with design.
<b>Scope:</b>	Project scope is finalized and in design phase.
<b>Schedule:</b>	Currently set for 2023. YVCOG has asked the City to advance the project by one year. HLA is preparing plans for the advanced schedule. If approved, construction funding obligation deadline is October 1, 2021, for 2022. HLA will complete contract documents necessary to apply in August 2021 to the Transportation Improvement Board (TIB).
<b>Budget:</b>	Surface Transportation Programs (STP) funds this project via a grant of ~\$3.4 million. A TIB grant may pay the City's matching funds requirement of ~\$500,000.
<b>Tasks Accomplished:</b> Design is approximately 60% complete. Project may move up in the queue with Surface Transportation Programs funding to allow construction to happen in 2022-23. Staff is reviewing 60% plan submittals.	
<b>Next Council Action:</b> Council must accept and obligate matching funds by October 1, 2021, to start construction in 2022.	

<b>Project/Initiative: SEWER LIFT STATION AND INFRASTRUCTURE UPSIZING PROJECT</b>	
<b>Lead:</b> Shane Fisher and Raul Sanchez	
<b>Description:</b> Working with Catholic Charities Housing Services (CCHS) to upsize the new lift station and subdivision infrastructure to accommodate future flows and eliminate five existing lift stations in the next 3-5 years.	
<b>Overall Status:</b>	On track.
<b>Scope:</b>	On track.
<b>Schedule:</b>	CCHS will break ground in July.
<b>Budget:</b>	Budget was approved by city council in the amount of \$650,000.
<b>Tasks Accomplished:</b> Upsizing agreement was approved by city council.	
<b>Next Council Action:</b> Staff will update city council as the project progresses.	

<b>Project/Initiative: WATER AND SEWER RATE ANALYSIS</b>	
<b>Lead:</b> Shane Fisher	
<b>Description:</b> Contracted with HLA Engineering to review the distribution of charges between residential and commercial customers, and consider rate strategies to collect required revenues.	
<b>Overall Status:</b>	 On track. Staff sent 2020 revenue/ expenditures and the 2021 adopted budget to HLA to start looking at our Water, Sewer, and Storm utilities.
<b>Scope:</b>	 Data collection by staff and submitted to HLA to conduct rate analysis.
<b>Schedule:</b>	 With the 2021 budget is adopted and 2020 expenses known, HLA must reconcile proposed capital improvements with the revenues generated by holding rates constant in 2021. HLA received expenditures through 2020 and budgeted amounts for 2021 on February 1, 2021 and will begin reviewing rates for the upcoming year.
<b>Budget:</b>	 On track - Update was budgeted out of water & sewer utility funds.
<b>Tasks Accomplished:</b> Sent 2020 revenue/ expenditures and the 2020 adopted budget to HLA for analysis.	
<b>Next Council Action:</b> During preliminary budget discussions if a rate increase is warranted.	

<b>Project/Initiative: FRANKLIN COURT WATERMAIN IMPROVEMENT PROJECT</b>	
<b>Lead:</b> Shane Fisher and Daniel Tiliano	
<b>Description:</b> Existing watermain on Franklin Court is 2" diameter pipe feeding (11) homes. HLA is in the process of designing a new 8" watermain to be constructed this summer.	
<b>Overall Status:</b>	 On hold until pipe and material costs stabilize.
<b>Scope:</b>	 On track.
<b>Schedule:</b>	 Design is on hold.
<b>Budget:</b>	 Funded out of the Water Fund. Engineers estimate is \$393,000 due to high material costs.
<b>Tasks Accomplished:</b> Met with HLA to initiate the design process.	
<b>Next Council Action:</b> Staff will bring the project task order before city council for approval when pricing stabilizes.	

<b>Project/Initiative: 9<sup>TH</sup> &amp; LINCOLN AVE. LIFT STATION REPLACEMENT PROJECT</b>	
<b>Lead:</b> Shane Fisher and Raul Sanchez	
<b>Description:</b> Replace the existing 70+ year old lift station. Working with the school district on a lease to increase the current footprint and allow for better access to conduct maintenance.	
<b>Overall Status:</b>	 On track.
<b>Scope:</b>	 On track.
<b>Schedule:</b>	 Under design right now. Plan is to have it completed by 2022.
<b>Budget:</b>	 Funded out of the Sewer Fund. Engineers estimate came in at \$1,000,000, but we feel that number is very conservative and the actual bid should come in much lower.
<b>Tasks Accomplished:</b> Preliminary assessment is complete.	
<b>Next Council Action:</b> Staff will bring the project task order before city council for approval.	

<b>Project/Initiative: CITY SAFETY PLAN</b>	
<b>Lead:</b> Shane Fisher	
<b>Description:</b> The City Safety Plan was initiated via the need for guardrails along Riverside Dr. and Sunnyside Ave. In order to qualify for WSDOT funding to address the guardrail issue, the city must have a city safety plan that identifies and prioritizes safety measures.	
<b>Overall Status:</b>	 On track.
<b>Scope:</b>	 On track.
<b>Schedule:</b>	 On track.
<b>Budget:</b>	 On track. City council approved the task order with HLA in the amount of \$17,000.
<b>Tasks Accomplished:</b> Conducted a kick-off meeting with HLA to discuss timelines and scope of work.	
<b>Next Council Action:</b> Staff will update council as we finalize the schedule.	

<b>Project/Initiative: AIRPORT PESTICIDE CLEANUP PROJECT</b>	
<b>Lead:</b> Shane Fisher	
<b>Description:</b> Working with Ecology to formulate a plan to excavate the contaminated soils from the area and haul to an approved dump facility. Project has been ongoing for more than 10 years. We were issued a grant to fund the remaining steps in the mitigation process.	
<b>Overall Status:</b>	On track.
<b>Scope:</b>	On track.
<b>Schedule:</b>	On track.
<b>Budget:</b>	Ecology issued the City a grant of \$265,000 to complete the final steps in the planning process. Another grant will be issued to the City when ecology approves the excavation and hauling of contaminated soils. That grant will be approximately \$500,000.
<b>Tasks Accomplished:</b> Feasibility is complete. Remedial Investigation Work Plan is complete.	
<b>Next Council Action:</b> Staff will bring the grant application to city council for consideration and acceptance.	

<b>Project/Initiative: WATER SYSTEM RISK AND RESILIENCY ASSESSMENT</b>	
<b>Lead:</b> Shane Fisher	
<b>Description:</b> The Environmental Protection Agency has provided a new requirement for small water systems serving a population over 3,300 people to prepare a water resiliency assessment. This requirement was reviewed with the City on April 28, 2021. HLA is working on the Emergency Response Plan, which is a large part of the resiliency plan.	
<b>Overall Status:</b>	On track.
<b>Scope:</b>	On track.
<b>Schedule:</b>	On track. The plan is due by June 30, 2021.
<b>Budget:</b>	Not to exceed \$5,000.
<b>Tasks Accomplished:</b> Met with HLA to discuss the requirements and documentation needed from the city.	
<b>Next Council Action:</b> Approve a task order with HLA to conduct the assessment.	

### Personnel/Training

- Mitch Ziegler will be attending an Aquatic Facility Operators (AFO) training to recertify. Due to COVID, his recertification classes were cancelled.
- We will be hiring another seasonal employee for Parks & Facilities at the end of June. We stagger the start times for seasonal employees because of the length of the mowing and parks season.