



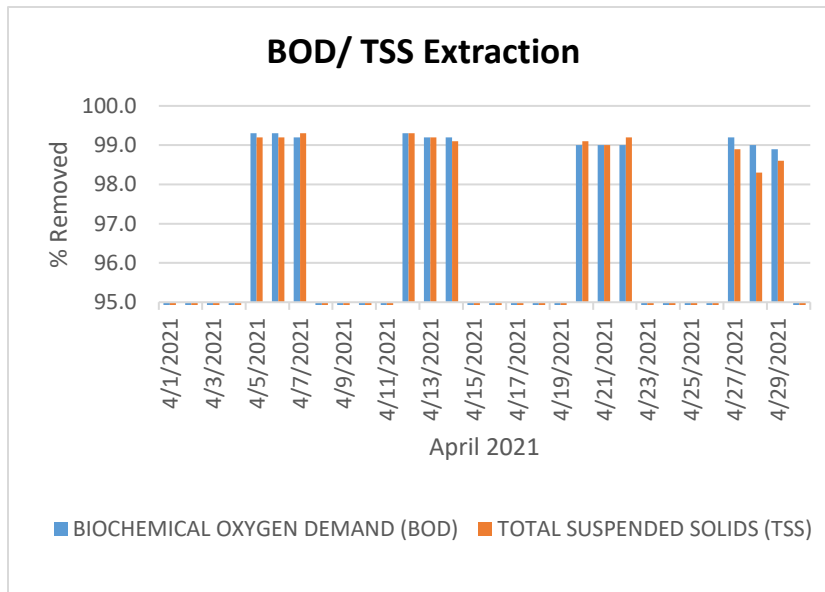
City of Sunnyside

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**Monthly Department Report
 Public Works
 April 2021**

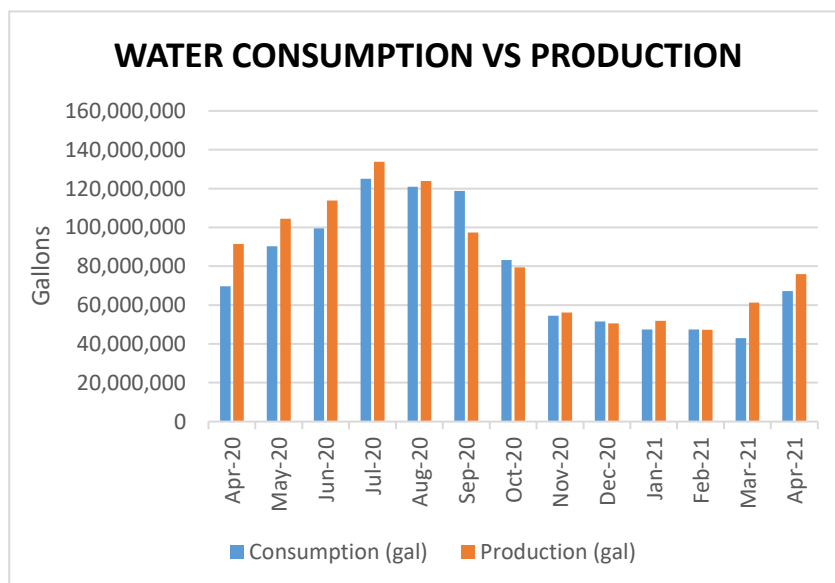
Key Performance Indicators

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.

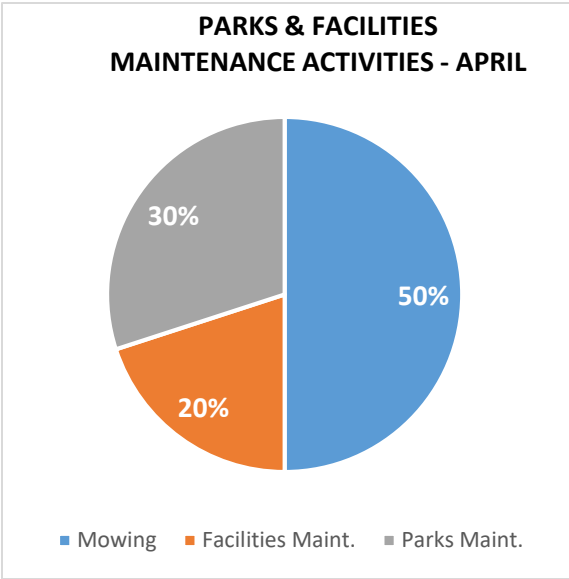
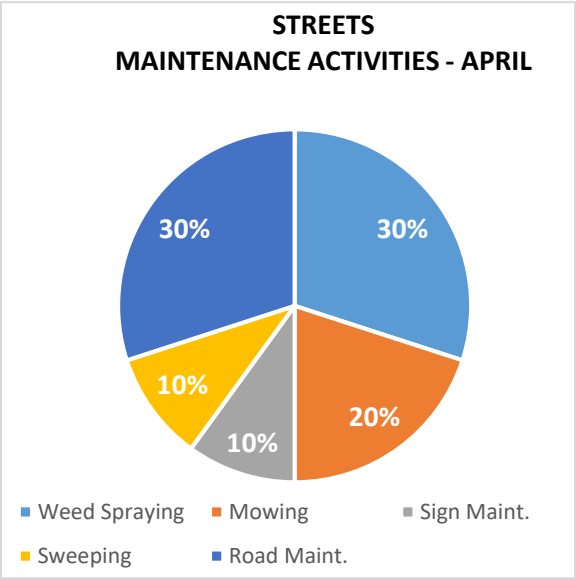
Total Suspended Solids (TSS) are solids in water that can be trapped by a filter. TSS can include a wide variety of material, such as silt, decaying plant and animal matter, industrial wastes, and sewage. High concentrations of suspended solids can cause many problems for stream health and aquatic life.



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

Project/Initiative: POOL FACILITY REHABILITATION	
Lead: Shane Fisher and Mitch Zeigler	
Description: Repainting interior/ exterior pool facility, repairing fixtures, installing lockers, exterior paint.	
Overall Status:	■ On track.
Scope:	■ On track.
Schedule:	■ On track.
Budget:	■ On track. Budget is within appropriated funding.
Tasks Accomplished: Interior wall coatings are complete. Exterior murals complete. Grinded the pool house and shower floor surfaces in preparation for painting. Plumbing fixtures are being repaired by staff. Floor is ready for painting.	
Next Council Action: Update at next meeting.	

Project/Initiative: PORT/CITY AIRPORT HANGER PROJECT	
Lead: Shane Fisher	
Description: Design and construction of a new hanger at the Sunnyside Municipal Airport by the Port.	
Overall Status:	■ On hold.
Scope:	■ Assist Port in the construction of a new flexible-use Hanger facility on city-owned land at Sunnyside Airport.
Schedule:	■ On hold. Port is waiting for Commerce to release funding once a lease is in place.
Budget:	■ \$750,000 (Commerce grant to Port).
Tasks Accomplished: 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.	
Next Council Action: Staff will update council periodically	

Project/Initiative: AIRPORT PERIMETER SECURITY FENCING	
Lead: Shane Fisher	
Description: Survey and install a perimeter security fence around the airport property.	
Overall Status:	 Delayed by FAA.
Scope:	 Complete Survey, Appraisal, Annexation, Make offer to Port for property.
Schedule:	 On hold. Survey was completed. Now waiting on Master Plan update.
Budget:	 On hold. Unsure of FAA funding and possible matching funds by city are unknown.
Tasks Accomplished: 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.	
Next Council Action: See next item for details.	

Project/Initiative: AIRPORT MASTER PLAN UPDATE	
Lead: Shane Fisher	
Description: 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.	
Overall Status:	 Newly identified project per FAA direction.
Scope:	 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.
Schedule:	 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.
Budget:	 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.
Tasks Accomplished: 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).	
Next Council Action: Contract award to CWE once the scope/ fee have been approved by FAA and negotiated.	

Project/Initiative: WATER METER BASE STATION PROJECT	
Lead: Shane Fisher and Daniel Tiliano	
Description: 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.	
Overall Status:	 On track.
Scope:	 On track.
Schedule:	 On track.
Budget:	 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.
Tasks Accomplished: Software Integration is complete. Staff used the new system to read last month with very few issues. Staff training was completed.	
Next Council Action: None	

Project/Initiative: MIDVALE ROAD RESURFACING PROJECT	
Lead: Shane Fisher and Jaime Alvarez	
Description: This project improves Midvale Road from Duffy Road to WSDOT right-of-way. The City's anticipated match is \$234,690.	
Overall Status:	On track.
Scope:	Redesigning per TIB review comments, solicit bids, select contractor, and construct improvements.
Schedule:	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
Budget:	\$2,112,200 grant from TIB and a city match of \$234,690 paid via the TBD Sales Tax.
Tasks Accomplished: Survey is complete. Redesigning due to TIB review and comments.	
Next Council Action: Award Construction Contract	

Project/Initiative: NORTH 6th STREET CORRIDOR IMPROVEMENTS	
Lead: Shane Fisher and Jaime Alvarez	
Description: Remove and replace all existing roadway, curbs, gutters, and sidewalks. Install new street lighting and trees. Upgrade Water, Sewer, & Stormwater infrastructure in certain areas.	
Overall Status:	Continue with design.
Scope:	Project scope is finalized and in design phase.
Schedule:	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).
Budget:	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.
Tasks Accomplished: 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.	
Next Council Action: Council must accept and obligate matching funds by October 1, 2021, to start construction in 2022.	

Project/Initiative: SEWER LIFT STATION AND INFRASTRUCTURE UPSIZING PROJECT	
Lead: Shane Fisher and Raul Sanchez	
Description: 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.	
Overall Status:	On track.
Scope:	On track.
Schedule:	CCHS will break ground in July.
Budget:	Budget was approved by city council in the amount of \$650,000.
Tasks Accomplished: Upsizing agreement was approved by city council.	
Next Council Action: Staff will update city council as the project progresses.	

Project/Initiative: WATER AND SEWER RATE ANALYSIS	
Lead: Shane Fisher	
Description: Contracted with HLA Engineering to review the distribution of charges between residential and commercial customers, and consider rate strategies to collect required revenues.	
Overall Status:	On track. Staff sent 2020 revenue/ expenditures and the 2021 adopted budget to HLA to start looking at our Water, Sewer, and Storm utilities.
Scope:	Data collection by staff and submitted to HLA to conduct rate analysis.
Schedule:	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.
Budget:	On track - Update was budgeted out of water & sewer utility funds.
Tasks Accomplished: Sent 2020 revenue/ expenditures and the 2020 adopted budget to HLA for analysis.	
Next Council Action: During preliminary budget discussions if a rate increase is warranted.	

Project/Initiative: FRANKLIN COURT WATERMAIN IMPROVEMENT PROJECT	
Lead: Shane Fisher and Daniel Tiliano	
Description: 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.	
Overall Status:	On track.
Scope:	On track.
Schedule:	Under design right now and build in the summer of 2021.
Budget:	Funded out of the Water Fund. Budgeted \$175,000 and was adopted in the 2021 budget process.
Tasks Accomplished: Met with HLA to initiate the design process.	
Next Council Action: Staff will bring the project task order before city council for approval.	

Project/Initiative: 9TH & LINCOLN AVE. LIFT STATION REPLACEMENT PROJECT	
Lead: Shane Fisher and Raul Sanchez	
Description: 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.	
Overall Status:	On track.
Scope:	On track.
Schedule:	Under design right now. Plan is to have it completed by the end of 2021.
Budget:	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.
Tasks Accomplished: Preliminary assessment is complete.	
Next Council Action: Staff will bring the project task order before city council for approval.	

Project/Initiative: CITY SAFETY PLAN	
Lead: Shane Fisher	
Description: 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.	
Overall Status:	On track.
Scope:	On track.
Schedule:	On track.
Budget:	On track. City council approved the task order with HLA in the amount of \$17,000.
Tasks Accomplished: Conducted a kick-off meeting with HLA to discuss timelines and scope of work.	
Next Council Action: Staff will update council as we finalize the schedule.	

Project/Initiative: AIRPORT PESTICIDE CLEANUP PROJECT	
Lead: Shane Fisher	
Description: 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.	
Overall Status:	On track.
Scope:	On track.
Schedule:	On track.
Budget:	Ecology issued the City a grant in the amount 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.
Tasks Accomplished: Feasibility is complete. Remedial Investigation Work Plan is complete.	
Next Council Action: Staff will bring the grant application to city council for consideration and acceptance.	

Project/Initiative: WATER SYSTEM RISK AND RESILIENCY ASSESSMENT	
Lead: Shane Fisher	
Description: 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 last reviewed with the City on April 28, 2021.	
Overall Status:	On hold.
Scope:	On hold.
Schedule:	On track. The plan is due by June 30, 2021.
Budget:	Budget has not been developed yet.
Tasks Accomplished: Met with HLA to discuss the requirements and documentation needed from the city.	
Next Council Action: Approve a task order with HLA to conduct the assessment.	

Personnel/Training

- Supervisors have hired several seasonal employees in Streets, Water, and Wastewater. Parks and Facilities still need to hire several more seasonal employees. We didn't receive many applications so the pool of candidates are inexperienced and unskilled.