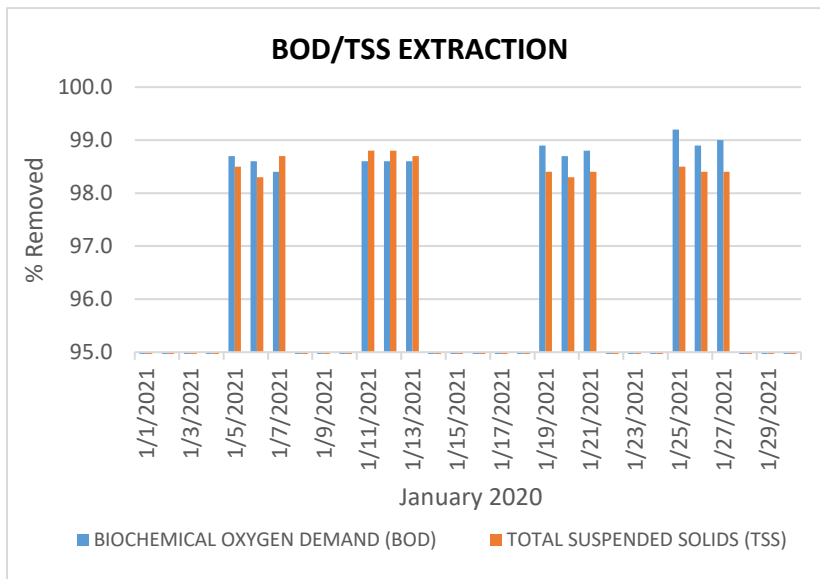




**Monthly Department Report
 Public Works
 February 2021**

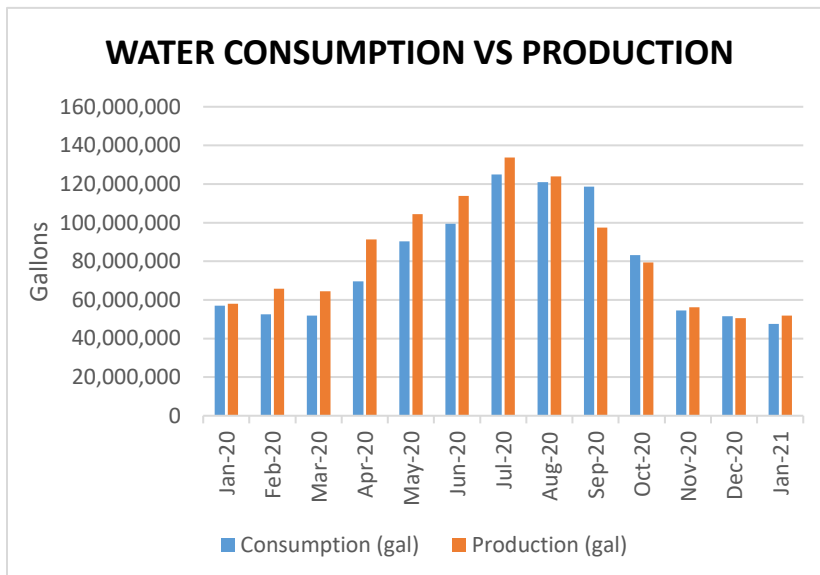
Key Performance Indicators

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.

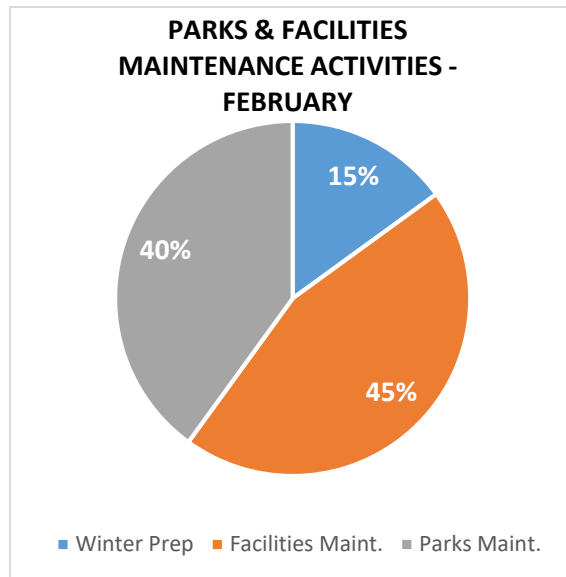
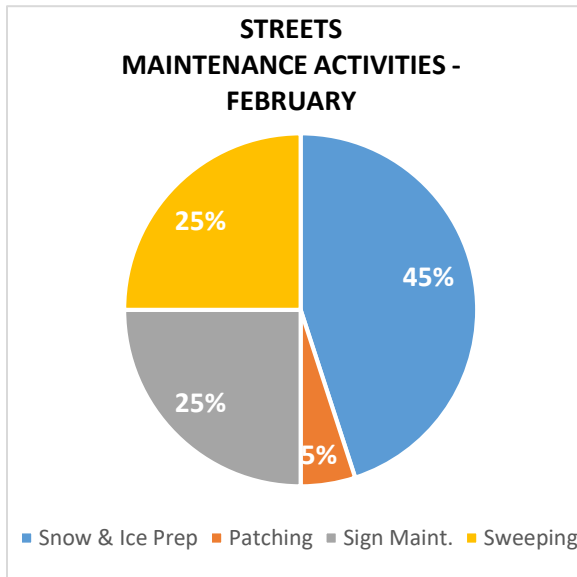
Total Suspended Solids (TSS) are solids in water that can be trapped by a filter. TSS can include a wide variety of material, such as silt, decaying plant and animal matter, industrial wastes, and sewage. High concentrations of suspended solids can cause many problems for stream health and aquatic life.



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. Revised scope changes due to floor paint issues.
Schedule:	Staff is prepping floor surface for primer/ paint. Painting delayed due to cold temps. Will paint interior/exterior in the spring.
Budget:	On track. Budget is within appropriated funding.
Tasks Accomplished: Interior wall coatings are complete. Lockers installed. Exterior murals complete. Using a grinder pad to remove the old pool house shower floor surface in preparation for paint in the spring. Plumbing fixtures are being repaired by staff.	
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. Waiting for Port to draft a lease agreement between Port and the City.	
Next Council Action: Consider lease agreement for the proposed hanger location.	

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 (NEW)	
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 is due to the FAA by May 28. FAA grant review to take 1-2 months. RFQ to take 2-3 months. Update work to take 6-8 months.
Budget:	 Estimated at \$500,000. Planning Grant via FAA Airport Improvement Program funding. 90%/10% grant (City must commit \$50,000 from General Fund).
Tasks Accomplished: Working on RFQ process and grant application.	
Next Council Action: Consider an FAA Grant application to pay for the Airport Master Plan update. Consider 1 st Quarter budget amendment to commit City match.	

Project/Initiative: SWAN ROAD WATER MAIN IMPROVEMENT PROJECT	
Lead: Shane Fisher and Daniel Tiliano	
Description: Relocating a water main located between Countryview Court and Swan Road. Pipe was installed improperly and needed to be relocated to allow for the development of two home sites.	
Overall Status:	 On track.
Scope:	 Prepare construction plans, solicit sealed bids, select contractor, relocate pipe
Schedule:	 Tri-Valley Construction will begin work February 8. It is a fifteen (15) day contract.
Budget:	 \$53,765 paid for from the Water Fund
Tasks Accomplished: Designed project, opened bids, awarded contract	
Next Council Action: Staff Update	

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:	 Prepare construction plans, solicit bids, select contractor, and construct improvements.
Schedule:	 Advertise for bids 03/10/21; Open bids 03/31/21; City Council award 04/12/21; Start construction 05/03/21; Complete construction 08/23/21
Budget:	 \$2,112,200 grant from TIB and a city match of \$234,690 paid via the TBD Sales Tax.
Tasks Accomplished: Survey and design are complete	
Next Council Action: Award Construction Contract	

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 2020 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: 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 85% complete. Project may move up in the queue with Surface Transportation Programs funding to allow construction to happen in 2022-23.	
Next Council Action: Council must accept and obligate matching funds by October 1, 2021, to start construction in 2022.	

Project/Initiative: SEWER LIFT STATION RENEWAL PROJECTS (NEW)	
Lead: Shane Fisher and Raul Sanchez	
Description: Design and construct sewer lift station infrastructure improvements along Allen Rd. and Lincoln Ave. corridors to leverage current housing development projects and reduce future maintenance/renewal costs.	
Overall Status:	Under review.
Scope:	Prepare construction plans, solicit bids, select contractor, and construct improvements.
Schedule:	Not yet determined.
Budget:	Not yet determined.
Tasks Accomplished: Preliminary system analysis underway with HLA and private development partners.	
Next Council Action: Receive briefing presentation. Consider lift station improvement agreements.	

Personnel/Training

- As of March 1, the Water, Streets, and Facilities Divisions started their 4-10 shift. This is a 6:30am – 5:00pm shift, and each division will split their crews to provide coverage on Friday's.
- Completed Public Works Department evaluations of administrative staff and division supervisors. We will be scheduling supervisory and management trainings in the coming weeks to ensure staff is staying up with current and new laws and guidelines.