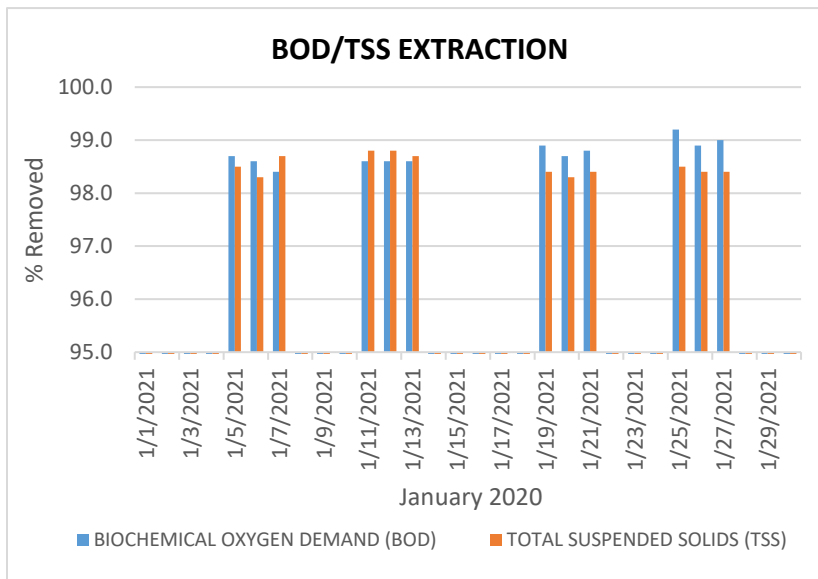




**Monthly Department Report
 Public Works
 January 2021**

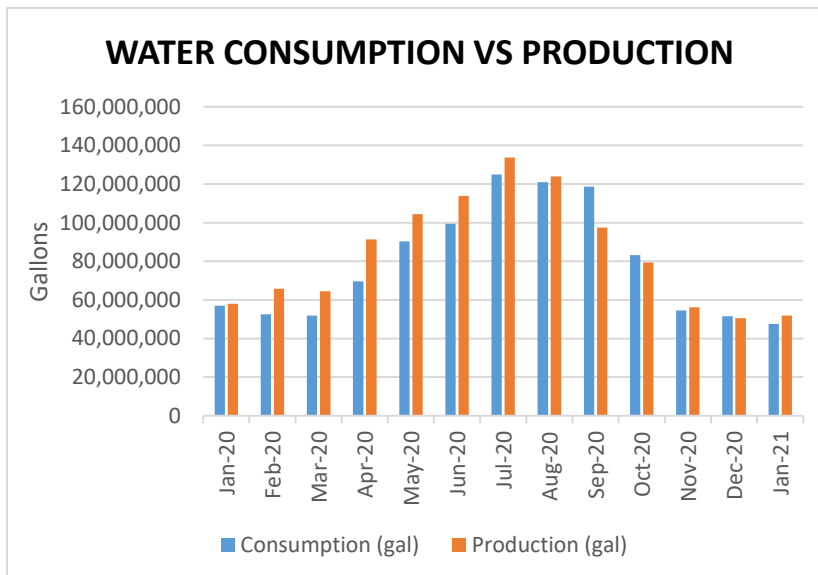
Key Performance Indicators

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.

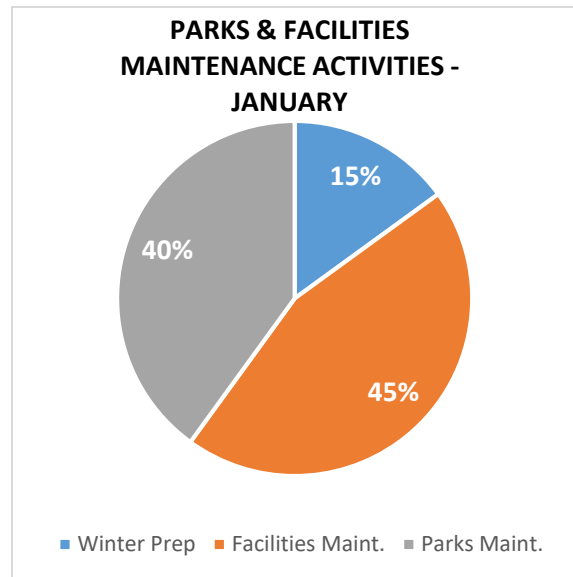
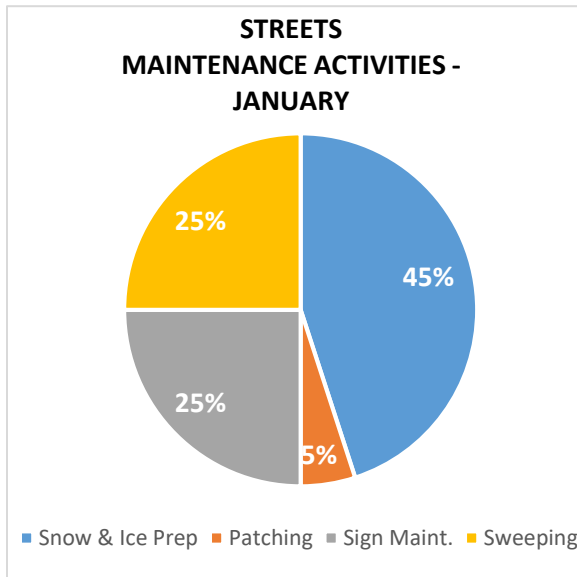


Water System Efficiency: The graph at left shows the volume of water produced (pumped) versus the volume of water consumed (sold).

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.

September production is lower than consumption because of SCADA system data loss last week. I will update next graph month.



Projects and Initiatives

Project/Initiative: POOL FACILITY REHABILITATION	
Lead: Shane Fisher	
Description: Repainting interior/ exterior pool facility, repairing fixtures, installing lockers, exterior paint.	
Overall Status:	On track.
Scope:	On track. Revised scope change 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: Phase I – Interior wall coatings are complete. Using a grinder pad to remove the old pool house 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. FAA gave preliminary approval of hanger location.
Scope:	On hold. FAA approved new hanger location. Waiting for the Port consultant to survey the proposed hanger area. Need this to include in the 7460 to FAA. Waiting for Port to DRAFT a lease agreement between them and the City.
Schedule:	On hold. Port is waiting for Commerce.
Budget:	On hold. Port is waiting for Commerce to sign agreement for funding.
Tasks Accomplished: The Port conducted and RFQ for engineering services and hired JUB Engineering to design the new hanger. Sewer system will be septic/ drain field. FAA approved new hanger location.	
Next Council Action: By October 2020, the City and the Port will prepare a lease agreement for Council and Port Commission 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:	On track.
Scope:	On track. Complete Survey, Appraisal, Annexation, Make offer to Port for property.
Schedule:	On hold. Survey was completed. Waiting on appraisal.
Budget:	On hold. Unsure of FAA funding and possible matching funds by city are unknown.
Tasks Accomplished: Survey completed by HLA to determine property boundaries in a couple of areas.	
Next Council Action: In 2020, approve Agreement for an appraiser. Approve an annexation application.	

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:	Preliminary analysis reveals no need to raise rates in 2021. Will review again in 2022 budget process.
Scope:	Data collection by staff and submitted to HLA to conduct rate analysis.
Schedule:	Staff and HLA will analyze and review in 2021 for possible increases in 2022.
Budget:	On track - Update was budgeted out of water & sewer utility funds.
Tasks Accomplished: Staff completed initial data request in March 2020.	
Next Council Action: Staff has updated council on the rate study.	

Project/Initiative: NORTH 6th STREET CORRIDOR IMPROVEMENTS	
Lead: Shane Fisher	
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:	Construction to begin in 2022-23. City will move up construction of this project due to available STP funds. City is reviewing costs and match in consideration of starting construction in 2022-23. Meeting with HLA in late November to review project scope, match, and budget options.
Budget:	Looking at grant funding for city match from TIB. Infrastructure replacement cost can also act as city match.
Tasks Accomplished: Design is approximately 80% 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 in 2021 to start construction in 2022.	

Personnel/Training

- Lander Grow, Recreation Coordinator, continues to work in both the Streets and Parks Divisions due to COVID restrictions on recreational activities.
- We have (2) staff members on extended leave. We are working with Teamsters to allow seasonal help to maintain current staffing levels and stay on schedule with department objectives.
- Plan to attend several virtual staff trainings over the winter season. I will update more specifically as the trainings come available via WCIA and APWA.