

PUBLIC WORKS DIRECTOR REPORT

Reporting Period:

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Date: 09/30/2022

Administration

The Public Works administration team is moving forward with inventory management of the electrical division. We are putting together the min-max for all our electrical products on hand. We are utilizing our software system Asset and Essential in managing our inventory. We have completed the budget for the 2023 year. Public Works is steadily keeping up with preventive maintenance, any repairs and emergencies that may arise.

Maintenance and Operation Division

Maintenance & Operations Division is making progress on their inventory management and moving the construction materials to Polar Star building. These Projects have included Lean projects to include inventory management & 6s projects.

The heavy equipment operators worked diligently to clean up after the storm at the City Dock. We also had to do some repair to the roof at the Motor Pool building. Our equipment operator also unearthed a culvert on Polovina near Diamond hill road, while excavating the sides of the road. We have decommissioned the culvert and safely repaired the road.



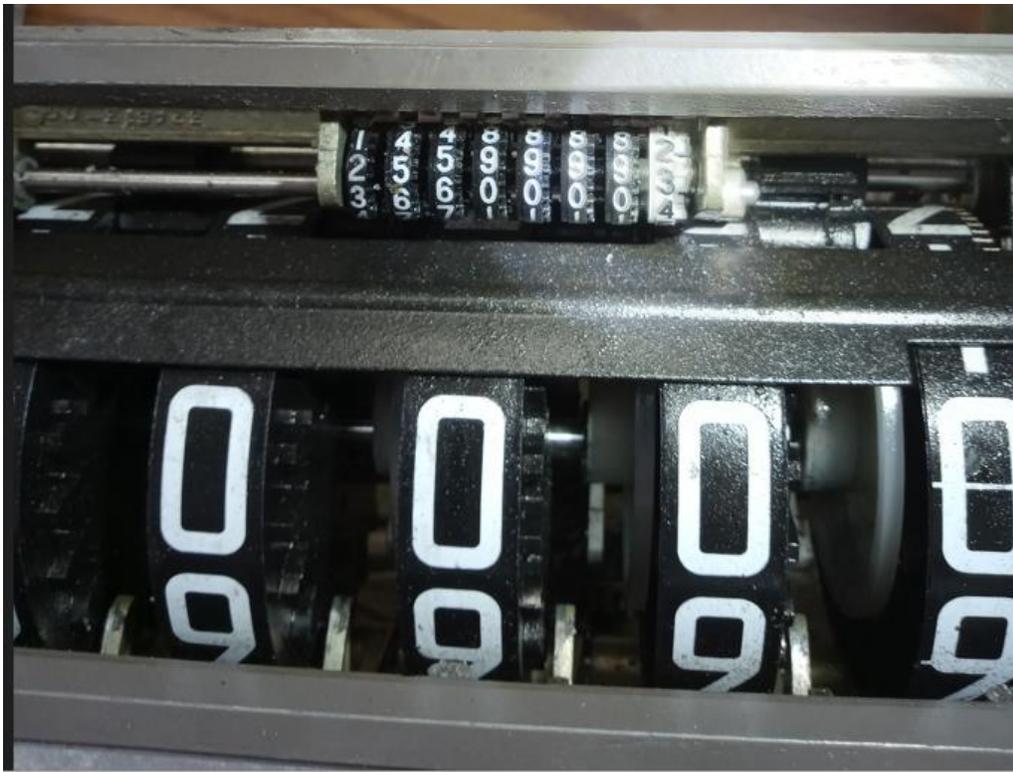
Motor Pool Division

The Motor Pool Division is continuing the repairs as needed to the City Vehicles. They are continuing their 6s organizational project within the Motor Pool Division. We have been focusing on tires and the relocation of the tires. The pump for the garbage truck has been ordered and should arrive in 8 to 10 weeks.

Bulk Fuel Utility

The bulk fuel team has been finishing up with small details to get ready for our inspector. The Alaska Department of Environmental Conservation is planning a trip to Saint Paul in October to inspect our Tank Farm. We have completed assisting SNP fuel with their fuel deliveries and they have successfully returned to maintaining their own fuel deliveries.

The totalizer and meter at the truck rack is having issues. I am looking at trying to order parts but, there is a project that has been added to the budget for next year to replace all the old meters. This would include the truck rack, fuel truck, gas station and the city dock.



Public Works administration division worked on a project to come up with a plan for an upgrade to replace the current mechanical fuel meter system. Considering the age and the condition of our current system, it is becoming a higher priority to replace.

The system would work through the cities WIFI system as shown below.



The Standard of Measurement



A Manufacturer of Positive Displacement Flow Meters, Electronic Registration & Accessories

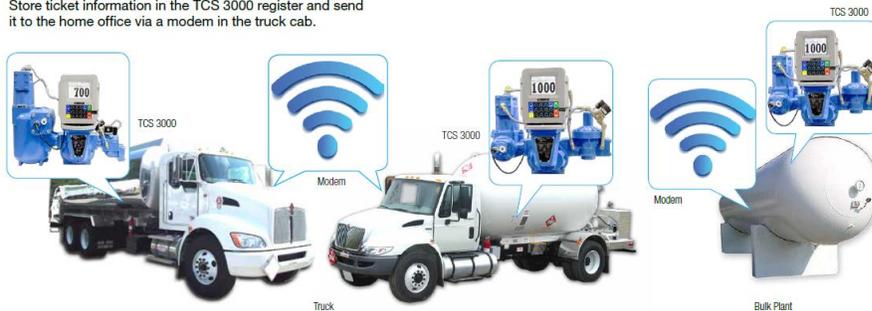
SOFTWARE COMPONENT

Collect electronic delivery ticket information wirelessly to be viewed through the web on any device.



IN-TRUCK AND BULK PLANT COMPONENT

Store ticket information in the TCS 3000 register and send it to the home office via a modem in the truck cab.





One Register to Connect It All

The TCS 3000 is a powerful, electronic register designed to transform the way you deliver fuel. The fully-integrated flow computer has been engineered to control most vehicle delivery operations. It can improve your cash flow by allowing the driver to make more deliveries in less time with increased accuracy and security.



Do More with the TCS 3000

The TCS 3000 electronic register was designed for a marketplace that is developing rapidly. With the ease of setup, you have the option of a simple "Pump & Print" delivery or a custom measurement solution.

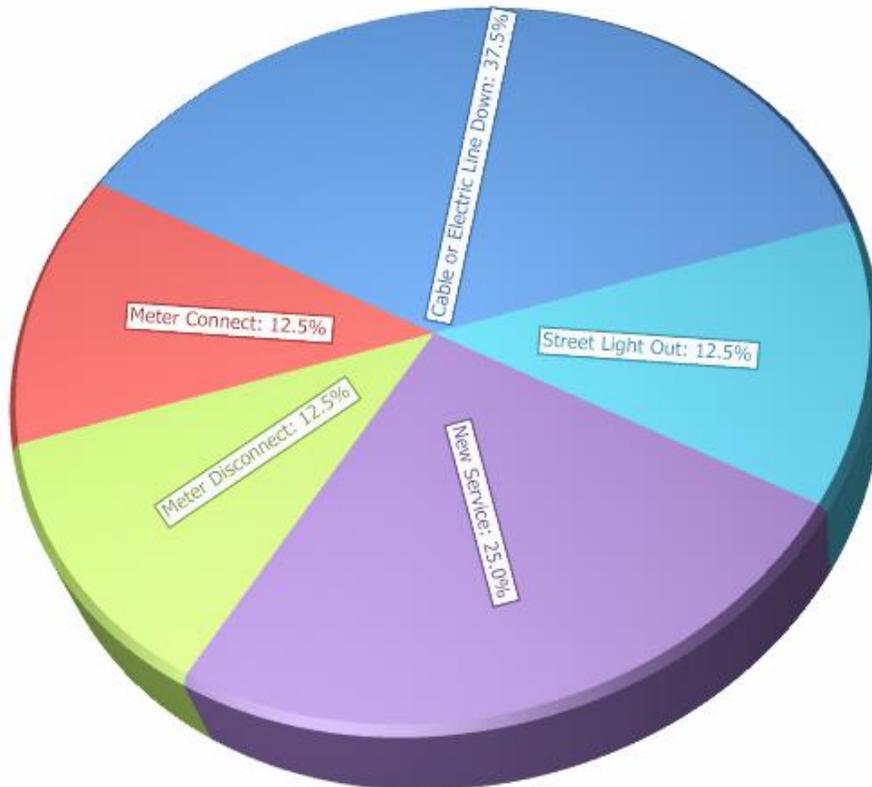
- » Simple Pump & Print
- » Single or Multiple Products
- » Auto-Calibration
- » Preset Price or Gallons
- » In-field Setup & Configuration
- » Temperature Volume Compensation
- » Additive Injection
- » Tank Gauging
- » Corrected Differential Pressure
- » Electronic Pump Control/PTO
- » Electronic Preset
- » Wireless Data Capture
- » Multiple Reports
- » Electronic Vapor or Air Elimination
- » And More!

Electric Utility

Alpine electrical contractor has been steadily completing electrical projects as well as electrical repairs within village. Public Works is continuously improving the streetlights with replacement of broken and missing lights. We are upgrading our system to the current code as we move forward with upgrades and repairs. The city park lighting has been completed. As well as the installation of our new ONE WEB internet system.

Below is the categorical graph of the electrical work orders that have been completed this month.

Work Order Summary by Work Categ ...



The power plant upgrade has been making steady progress. We now have a design complete, and materials ordered for the new fuel system. Electrical services have been making steady progress in not only new projects, but also bringing older systems up to code.

The power plant upgrade is making progress, as we have completed the initial order for the new fuel system. These items are estimated to arrive on island in November. The city is in progress of naming a contractor to complete the fuel room for inside the Power Plant.

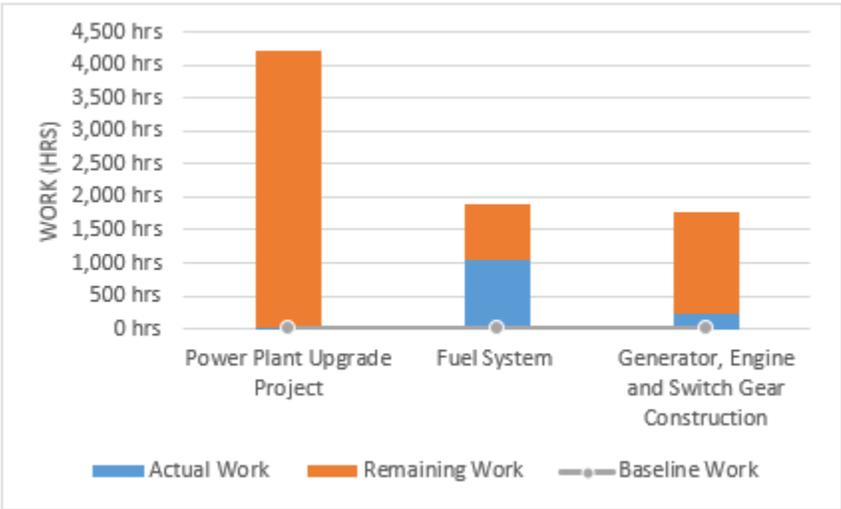
Below is the work overview of the work completed and in progress with the power plant upgrade project.

Power Plant Upgrade Project



WORK OVERVIEW

Tue 4/19/22 - Fri 6/30/23



Water/Sewer Utility

We have steadily been steadily getting up to date with our water samples that are due for this year for lead and copper testing, as well as regularly monthly test samples. We had a large blockage in the sewer system on Lagoon Loop road. We were able to locate the blockage and clear it through the pipe. We have also located a manhole that was not denoted on the prints. This has been given to Mike Dahl to update the civil prints of the island. KUNA is scheduled to come out to the island in October. This is the engineering team that will be involved in the sewer lift station upgrades.

Refuse Utility

We have a new employee to replace Dustin Jones at the landfill and refuse department. Artemy Mercurief has started with the City as the new refuse and landfill operator. Tim will be receiving training for the landfill operator and refrigeration disposal. Tim is already engaging in some of the projects we have for the Landfill. We have already been discussing and planning, future projects to reorganize the landfill and upgrade the burn box. We have completed the demolition of the old landfill office in the first of our projects we have at the landfill site.