



MATANUSKA-SUSITNA BOROUGH

Borough Manager

350 East Dahlia Avenue • Palmer, AK 99645
Phone (907) 861-8689 • Fax (907) 861-8669
john.moosey@matsugov.us

Date: November 27, 2019
To: Mayor and Assembly Members
From: John Moosey, Borough Manager
Subject: Borough Manager's Report

Monthly Activity Report September, October 2019

Planning and Land Use Department

Development Services (Code Compliance, Current Planning & Permitting):

Permit Center:

The mobile app has been updated to include all utility, construction, and encroachment permits, as well as right-of-way complaints in with the driveway permits so all are now displayed on one map based program. As a result, the right-of-way inspectors are able to inspect work happening in our right-of-ways as it is occurring. Being onsite for installations should enhance compliance with road construction standards and, in the long run, should help reduce Borough repair expenses. Our seasonal position is over and we are down to one inspector for the winter. Right-of-ways are still open due to the warm weather.

Code Compliance Cases:

As of October 31, 2019, Code Compliance has 770 open cases. Between September 1st and October 31st 58 cases were closed.

Current Planning:

In the past 60 days, the following applications have been received for processing:

- Two Marijuana Retail Conditional Use Permits;
- Two Marijuana Cultivation Conditional Use Permits;
- Two Junkyard Conditional Use Permits;
- Ten Legal Nonconforming Determinations for a Structure;
- Two Tall Structure Conditional Use Permit;
- Three Multifamily Development Permits;
- One Denali SpUD Conditional Use Permit;
- One Talkeetna SpUD Conditional Use Permit;
- Three Alcoholic Beverage Uses Conditional Use Permit;
- Three Earth Materials Extraction Conditional Use Permits.

Floodplain Management and Hazard Reduction

Hazard Mitigation Grant Program acquisition along Matanuska River:

The two Sutton properties have been demolished, in accordance with the grant. We will begin the final reports and close out in the upcoming quarter. In the Butte, four properties have been acquired and two more properties are in the process of being acquired. Currently we anticipate a spring 2020 demolition and close out by fall of 2020.

Flood Hazard Mapping Project:

The new Flood Insurance Study (FIS) and associated Flood Insurance Rate Map (FIRM) went effective on September 27, 2019. This project is complete. We are currently assisting residents with mortgage and insurance questions as it relates to the updated maps.

Hazard Mitigation Plan Update Project:

The State of Alaska has funded a contractor to write the plan on the Borough's behalf. We have submitted the Hazard Mitigation Plan survey summary to our contractor. We were very pleased with the participation from the Mat-Su Borough residents and are thankful for the interest in this project.

We are nearing a completed draft to present to the Local Emergency Planning Committee for review and comments. A public comment period will begin between the end of January to early February, an open house to answer questions and collect feedback and information, a mailer will go to all community councils to review the plan and for them to provide comments. The current anticipated time frame of completion is late summer or early fall of 2020.

This plan allows the MSB to be eligible for FEMA Mitigation funds, which can be valuable in protecting lives and property in the event of a natural disaster. Currently, we are aware of multiple mitigation grant project submissions from the November 30, 2018 earthquake that are seeking funding from the Hazard Mitigation Grant Program, including many from the Mat-Su Borough School District to enhance our ability to bounce back from the next natural disaster.

Commercial Outdoor Shooting Ranges:

The Planning Department is currently developing regulations for commercial outdoor shooting ranges and expects to have a draft available for public review by the end of November.

Planning Division (Environmental, Comprehensive & Transportation Planning):

Air Quality:

Staff is working on a campaign to better advise people when there is an air quality alert. We have consulted with MSI Communications, who has provided communication services to MSB for several years to create an up-to-date advertisement plan to include alerts and education with media broadcasts and publications as well as a mailer.

Fish and Wildlife Commission:

It is a busy time of year for The Fish and Wildlife Commission as they are gearing up for several important meetings. They have a year-end summary meeting with Alaska Department of Fish and Game; taking place, Thursday, December 5th at 2:00 in the back half of the Assembly Chambers. They are preparing for the Salmon Symposium which is November 13th and 14th at the Palmer Depot; two commissioners will be presenting at this event. The Board of Fisheries (BOF) meetings are in February and the commission is preparing a booklet to advise legislatures and the BOF commissioners of our successes and issues with Salmon in the Matanuska-Susitna Borough. The Board of Fisheries meetings will be at the Egan Center February 7th – 20th. We always encourage members of the Assembly, Boards, Administration, and public to attend these meetings whether to see what is

going on in the world of Alaska fishing or to testify on behalf of the Matanuska-Susitna Borough. If you would like more information, please contact Ted Eischeid at (907) 861-8606.

Census 2020 Preparations:

The Mat-Su Borough has completed our Census 2020 preparations and are working with the cities and school district to increase census participation within our borough.

The Census 2020 will kick off in the Mat-Su the middle of February 2020. At that time, Census worker will be in the borough and in the remote areas will be going door to door. It is imperative that our citizens understand that their participation will help shape the future of the borough. In order to accomplish this the borough manager, representatives from Houston, Palmer and Wasilla, and the school district, with assistance from Planning Division staff, are using Census Bureau Resources to develop a common message and a series of ways to reach our more remote citizens.

EPA Brownfields Redevelopment Grant Program:

- Wasilla Train Depot Relocation Area Wide Plan:
Draft document is currently being forwarded internally for review.
- Palmer Downtown Redevelopment Area Wide Plan:
Still waiting for draft for internal review.

Project is wrapping up in December with three staff attending the National Brownfields Conference in December as part of this grant.

Wasilla Creek Airpark Aviation Overlay Request:

The Planning Division has reviewed the application and begun the process for the Wasilla Creek Airpark Aviation Overlay request we received. Staff has sent out a mailer and posted a news article on Oct 23 and will receive comments until Nov 22. Introduction to the Planning Commission is scheduled for November 18 and public hearing is planned for December 16.

Historical Preservation Commission:

There are now three vacancies on the Historical Preservation Commission - learn more at the [HPC web page](#). The HPC is finalizing recommendations for revisions to their enabling code section, MSB 4.46 Historical Preservation Commission. These recommendations will be brought to the assembly for adoption and are meant to clarify commission responsibilities and help the board to function more efficiently.

Lake Management Plan Process Amendments:

Planning staff has been directed by the Assembly; through a Resolution, to update the current Lake Management Plan process and implementation of those plans. Staff is currently drafting a borough-wide Lake Management Plan and preparing an ordinance that would remove the requirement for individual lake plans, and amend the process by which property owners around lakes will still have an avenue to request enforceable regulations.

Wetlands Mitigation Ordinance:

Planning staff has been directed by the Assembly, thru a Resolution, to create a wetlands ordinance that would supplement US Army Corps of Engineers (USACE) wetlands mitigation process. The process envisioned is for the MSB to be able to consider additional mitigation requirements for very large development projects that may impact wetlands and salmon habitat in the borough. Planning staff is working with staff from other agencies to draft the ordinance, which should be out for public review before the end of this year.

Platting Division

The race is on. In other words, the Right-of-way is closing and the developers are trying to get the road signoff done before closure. Road signoff means they might be able to record this year as opposed to next spring. Numbers are up and the pile of files are high. We are looking forward to a slowdown, but that never seems to happen.

As Platting is always looking for ways to improve, Platting Officer Fred Wagner, is doing site visits on Fridays to check on adherence to code requirements. Thus freeing up the Technicians to work the case file, creating a better product for the public.

Community Development Department

Forest/Resource Management:

The Land and Resource Management Division (LRMD) has two large timber sales available for over-the-counter (OTC) purchase. Staff continues to work with entities having interest in the timber opportunities. LRMD has several timber salvage sales available for OTC purchase. Sizes range from about 18-35 acres. LRMD will offer additional spruce salvage parcels as time and opportunity allows. Staff recently had one small salvage sale after the initial clearing of the Springfield Road to Trunk Road easement approach. Staff continues to field calls and inquiries regarding the Spruce Bark Beetle infestation and began performing fire suppression damage assessments caused by the McKinley fire.

Natural Resource Management Units Plan (Plan): LRMD submitted an updated draft plan to the assembly for review at their meeting on October 15th. Staff gave a short presentation during the Manager's Report portion of the meeting. The Assembly adopted the Plan update.

MSB Wetlands Management: The annual monitoring inspection of the Fish Creek Conservation Easement is scheduled for early to mid-November.

Nash vs. MSB Lawsuit: Staff is compiling and providing relevant documents to Law for the 2019 Nash lawsuit filed against the Borough in Federal Court.

West Susitna Access: Staff performed two site visits to the proposed Little Susitna River Bridge crossing in October. Videos and photos of the proposed access were captured by Public Affairs during the second visit. Staff met with the Governor's office regarding all things timber, infrastructure and access issues. Tentative meeting scheduled for November with prospective timber purchaser.

Three temporary Personal Use Firewood Areas for the removal of trees damaged by Spruce Bark Beetles are flagged and open. They are on Oilwell Road near Lilly Lake, along the Parks Hwy from Mile Post 101 -132, and along Susitna Parkway near Big Lake. Additional sites will be also be opened.

Central Landfill Material Sale: The expansion of the Construction and Demolition cell at Central Landfill has been underway this summer, with the contractor AS&G excavating/hauling material to complete the next phase of this project. To date, 430,247 tons of material have been accounted for from this project.

Beaver Pit Material Sale: The LRMD entered into a material sale contract with Dirtworks for 8000 cubic yards of pit-run material from the Beaver Pit in Talkeetna in support of work being conducted at the Talkeetna Wastewater Treatment Facility. This sale concluded October 31.

Land Management:

Land Inquiries: Staff is working with MSB Department of Emergency Services and MSB School District Administration to identify potential properties to relocate current facilities to in advance of lease expirations. Any such relocations will require assembly approval.

Land Conveyances: Trapper Creek Community Association Water Project is moving forward with a \$325,000 grant agreement in place and design/construct contract signed. Project is proposed for completion December 2020. Legislation to convey the 1.5-acre property at Less Than Fair Market Value is anticipated to come before the assembly in December of this year.

Palmer Little League (PLL) submitted a request to use a 5-acre portion of the 20-acre parcel adjacent to Academy Charter School/Palmer for constructing an indoor baseball facility. Staff will present to MSB Planning Commission in November to classify the land as reserved use and public recreation.

Wasilla Area Senior Inc (WASI) and Mid-Valley Seniors have reached an agreement for WASI to take over ownership and management of senior facilities operated by Mid-Valley Seniors in the Houston area. Legislation was introduced on October 15 for such approval.

Land Sales: Borough-owned lots in Windsong Subdivision are being re-platted and combined with the assistance of Capital Projects staff surveyor. Once lots are re-platted, they will be offered in a sealed bid land sale anticipated to be conducted in late spring/early summer 2020.

Over-The Counter land sales are scheduled for early/late spring 2020, to include remote borough properties and properties accessible from borough roads/trails.

Issues on Borough Owned Land: Staff removed two abandoned vehicles from Borough Property in Wasilla and Big Lake, additional vehicles have been tagged and are waiting removal. Junk and trash dumped on Borough land continues to be a major issue throughout the Borough; 1200 pounds of trash was cleaned up and hauled to the landfill from several locations around the Borough. Squatters on Borough land have also become a bigger issue in many areas of the Borough; LMD staff has been working with Code Compliance to ensure they move along and clean up their mess when they leave.

A dozer was removed from the swamp at mile 22.5 of Oilwell Road south of Trapper Creek, the area has been inspected and a letter was received from Alaska Department of Environmental Conservation signifying that all hazmat has been cleaned to the required specification.

Hatcher Alpine Xperience (HAX): Construction work has continued this fall for the Skeetawk Alpine Ski Area in the Government Peak Recreation Area Northern Subunit, near Hatcher Pass. HAX has been making progress under the existing Management Agreement, including expanding the parking lot, utilities extension, lift tower installation, and facilities construction. The delivery of lift parts has been delayed and delivery is expected this winter. Staff is working on an amendment to the Management Agreement to accommodate HAX.

Plowing Contracts: The Land Management Division has entered into plowing contracts for borough owned trailheads and parking areas in Willow and the Hatcher Pass area.

Staff participated in a ribbon cutting at Settlers Bay Coastal Park. Staff also submitted an application for grant funding to conduct a cultural resources survey in Settlers Bay Coastal Park and started a grant funded contract to design and layout mountain bike trails at Settlers Bay Coastal Park.

Staff finalized preliminary site selection for a biathlon range at Government Peak Recreation Area and coordinated with the State of Alaska on a regulatory change to support the range location.

Staff continues to assist the Jonesville Public Use Area Committee with drafting the management plan.

Staff finalized updates to the Land and Resources Management Division Policy and Procedures Manual.

Staff finalized the Parks Highway Access Development Permit that will permit access to all borough land along the Parks Highway.

Staff inspected a reported trespass camp on Borough owned land along the Susitna River.

Permits, Access, Agreements and Easements:

Staff adjudicated a land use permit amendment for the Alaska Wildland Adventures to begin conducting guided hikes at Government Peak Recreation Area in addition to Talkeetna Lakes Park.

Staff installed a gate across the lake access on Carpenter Lake to restrict highway vehicle access in the winter at the request of the Point MacKenzie Community Council.

Asset Management:

Agriculture Advisory Board: The Agricultural Advisory Board met in September and October. The agenda items included subdivision of a 5-acre home site for a former Title 13 agricultural owner and a slight amendment of the Policy and Procedures adopted last May by the board. The November 20, 2019, meeting was cancelled, with the next meeting scheduled for December 11, 2019. There is one opening on the board for Seat 8, Knowledge and/or Experience in Field Crops.

Hatcher Pass Survey (ASLS 2002-01): On September 19, 2019, the Platting Board approved the Hatcher Pass Subdivision for 21 tracts of land. As a condition of plat approval, the service area boundaries for the FSA and RSA require the boundaries be aligned with the tract boundaries so that a tract of land is not split by a service area boundary. Legislation is prepared and under review by the clerk and law offices.

Emergency (EMS) Leases: Staff continues to assist EMS with its leases on private and public lands. EMS completed the installation of its equipment on the InSite Towers, LLC. lease site on borough-owned land (mile 103 Parks Highway). The use of InSite's tower and space for an equipment shack saves the borough several thousand dollars annually. The DNR application to lease a remote telecom site on Montana Mountain has gone through the state's agency review process.

FNBA Escrow and other accounts receivable: Monthly monitoring of 20 escrow accounts at FNBA. All accounts are current with no delinquencies.

ADL Leases: Staff continues to monitor 14 ADL leases for annual payments and bi-annual tax payments. The LRMD is now invoicing and processing all the annual payments for the leases. All accounts are current with no delinquencies.

Tax Foreclosure

Tax and LID Foreclosure Competitive Sale TS39: The Tax and LID Foreclosure Sale TS39 was successfully concluded with the competitive sealed bid and outcry sales held on October 26, 2019. Of the 34 properties initially eligible for this sale, 27 were repurchased or sold totaling \$631,550.00 in tax assessed value that was returned to the tax rolls. Nine former record owners repurchased parcels (2 pre-brochure and 7 sale brochure parcels). 32 parcels were included in TS39 sale brochure. 18 parcels sold and the transactions have closed. Seven parcels received no bids and will be included in the next over-the-counter sale if not repurchased.

Original parcels available for sale	34	Tax Assessed Value
Assembly removed	0	n/a
*Repurchased	9	\$393,750
*Sold in Sealed bid sale	16	\$230,200
*Sold in Outcry bid sale	2	\$7,600
Unsold	7	n/a
Withdrawn	0	n/a
*TAV total of repurchased and sold in sealed bid & outcry bid sale		\$631,550

Brochure sale parcels	32	Tax Assessed Value
*Repurchased	7	\$323,750
*Sealed bid	16	\$230,200
*Outcry bid	2	\$7,600
Unsold	7	n/a
Withdrawn by Manager	0	n/a
*TAV repurchased, and sold sealed bid and outcry bid sale		\$561,550

Clerk's Deed Parcels: 2013 Tax/ 2014 LID Clerk's Deed parcels – none of the parcels were repurchased by the former record owner in the month of September or October. 2014 Tax/ 2015 LID Clerk's Deed parcels – three of the parcels were repurchased by the former record owners in the months of September or October.

Trails/GIS

GPR/Valley Mountain Bikers and Hikers Permit: The new ADA trail at GPR was completed in September and opened in October with a ribbon cutting. This trail is a Universal Access trail that leads from the parking area to a picnic table and viewpoint near the Pioneer Loop.

Plumley-Maud Trail: An easement document and resolution were presented to the Parks, Recreation and Trails Advisory Board, and were conditionally approved at the October meeting.

Matanuska River Trail North/South Bond Project: The ADA trail connecting the MRP campground to the Old Glenn pathway is complete.

Lands Information System Integration Project (Land Document Browser): Training for LRMD staff was conducted in September and October for this new application. The software is a database for land records and offers better functionality for researching borough owned properties.

Port Map: A comprehensive map of the Port District was created that features borough-owned properties, utilities, easements, and lease parcels.

Staff started a contract to complete the first project in the Ridge Trail Development Plan using 2016 Recreation Bond funding.

Staff issued a request for proposals for contract assistance rehabilitating a segment of the Wet Gulch Trail within the Settlers Bay Coastal Park.

Parks/Recreation

Staff received word from the Alaska Recreation and Parks Association that we received our third Facility Excellence Award for the building of the Park Shop/Jim Creek Campground. The award was presented at the annual conference in Fairbanks October 8-11.

Staff is currently working with two eagle scouts to complete community service projects at Matanuska River Park Campground.

Staff submitted a grant to the Matanuska Trails and Parks Foundation requesting funds for improvements in Big Lake at Fish Creek/Jay Nolfi Park. They will review it until the January cycle.

Mat Su Parks: Lake accesses closed on September 15th. Capital Projects recently finished the Jim Creek lighting project. Staff installed a hitching rail by the Jim Creek restroom for the equestrian community. Staff ordered a new plaque to replace one vandalized at Jay Nolfi's Fish Creek Park in Big Lake. The Big Lake Boat Launch closed September 15 for repairs to the concrete ramp damaged by frost. The access will reopen in mid-October.

Parks Northern Region: September saw major fires and 4" of rain/snow that made for slippery roads. Due to the increase in usage because of the hunting seasons, we are servicing Sunshine Creek and Kroto Creek parking areas twice a month. We also check out mile 130 and Crystal Lake parking areas for illegal dumping of trash and report any findings to the Land Management Staff.

Mat Su Trails: One big project was to get everything in order at Settlers Bay Coastal Park for the ribbon cutting. Signs were placed, a final trail cleanup was completed, and the ribbon cutting was well attended. Just because the ribbon was cut, it did not mean that the work was done at the new park. Alaska Trails had a volunteer workday at the park, as did a group of students from the Technical High school. They performed great work and their help was much appreciated. In addition, the Trail Specialist and a staff from Land Management continued to work on graveling another trail and placing more rocks to keep unauthorized motorized vehicles out of the park. October brought more rain, mixed with snow at higher elevations and signified the end of the Summer Trail season and the exit of the remaining Trail Crew. Before they left, the Crew assisted the Trail Specialist in removing old and broken sign kiosks from Crevasse Moraine, completed the last of the end of season TRACS surveys to record the state of the trails before they are covered with snow for the winter, and cleaned, sharpened, sanded, and resealed all of the hand tools.

Mat Su Pools: October swim classes begin the week of the 7th with online registration going from September 25th. We have received another resignation letter in addition to the five pool staff terminations from this summer. We have completed interviews and submitted a request for hire of two new pool staff. Permanent employees have been recertifying for respiratory fit testing.

Brett Memorial Ice Arena: The ice arena returned to its fall/winter schedule in September with skating opportunities for the community seven days a week. The Valley Adult Hockey League dropped the puck on its first games of the season in October. We host 10 games each week with nearly 300 adults out on the ice. Wasilla Warrior hockey got their season underway with over 50 kids at their tryouts. Their afternoon practices Monday through Friday helped to fill our ice schedule. The ice arena will host the Warriors first home game of the season on November 19th versus their rival the Colony Knights. The weekend public skating sessions are proving once again to be a very popular birthday destination with parties booked every weekend in September.

Libraries: October was Fire Prevention Month and our Local Volunteer Fire Department presented a program on fire safety. Children learned about what to do in case of a fire and how to make an action plan for their homes and families. Many of the fall programs included a Halloween theme, which are always a huge hit with young

children. The afterschool reading programs continue to be strong popular programs. Borough staff, library advocates and representatives from the Rasmuson Foundation met to discuss the grant we are submitting for \$495,000.00 to secure the final funds needed to construct the Willow Library.

Public Works Department

Operations and Maintenance:

Caswell Lakes Road at Caswell Creek Fish Passage Improvements – RSA 15, Caswell

This project was completed this fall. The project was a success and came in under the budget. The low flow (and sometimes no flow) during the period of dry weather this summer aided in the overall constructability. When the fall rains began, the new culvert and stream channel filled and adult coho salmon were immediately using the route to return to Middle Caswell Lake. This was pleasing to see for all the partners involved in these types of Fish Passage projects. The new stream channel through the main culvert, along with the flood relief culvert are designed to withstand a '500-year' flood event. Although these types of culverts are usually design to a '100-year' event, this project was unique and required the extra spillway capacity because the roadway embankment was classified as a dam holding back Middle Caswell Lake.

Shaw's – Tri Lakes Subdivision Improvements and Paving – RSA 25, Bogard

This Neighborhood has been in the planning stages for a few years, and this season the project was executed to relocate utilities, improve the roads and drainage, then finish off with paving throughout the project. The overall project was just over \$1.0m, and the paving portion was completed one season ahead of the original schedule.

2019 Paving – Borough-Wide

The paving contract for this season is complete and was a success. Under this contract 18 roads and about seven miles were paved within seven road service areas. Most of the roads paved were previously improved by individual road service area improvement projects. Total cost after a deductive change order to finish was about \$1.2m.

Solid Waste Division

Customers and Tonnages: 21,728 customers used the Central Landfill (CLF), 11,477 customers used the Transfer Station system, and 254 customers used the Hazardous Waste Reuse Program in September and October, bringing the total Solid Waste FY20 year-to-date customer count to 74,470.

Central Landfill accepted 13,320 tons of waste in September and October which included 10,294 tons of Municipal Solid Waste (MSW), 2,341 tons of Construction and Demolition (C&D) material, 212 tons of Brush or Grass, 436 tons of Scrap Metal, 4.78 tons of Asbestos, 4.65 tons of Medical Waste and other smaller classes of waste. The tonnage numbers include the tonnage hauled to the CLF from the Transfer Stations and Remote Sites, which required 188 trips in September and October.

Revenues: The division generated approximately \$1,870,747.52 in revenues, which includes gate fees and other sources of income such as gravel sales, bringing the total FY20 year-to-date revenue to \$3,863,427.94.

Central Landfill Operations

Construction and Demolition Cell #2 Application: A memorandum was submitted to the Alaska Department of Environmental Conservation to allow the introduction of C&D waste into that cell. The current C&D cell is rapidly running out of room with an estimated lifespan of two to three weeks left. The cell will be capped to ADEC and EPA standards once it is filled.

Leachate Treatment System Project: The leachate treatment system design is progressing with 95% design drawings completion expected within the next month. Once design is complete, the system design will be submitted to ADEC for review and approval for the next phase of the project, construction. Construction would begin next spring.

Environmental Operations

Central Landfill: During the September-October period, 738,228 gallons of leachate were hauled from the Central Landfill to the AWWU Turpin St. disposal facility. Leachate generation is directly correlated to precipitation, leachate generation and disposal requirements are heaviest during the fall rainy season and during the spring breakup season.

Stormwater diversion operations removed 281,576 gallons of stormwater from Cell 4 during September and October. The pumping operation saved \$23,089 in leachate disposal costs during this period. The empty Cell 4, scheduled to be placed into operation in 2020, collects stormwater. Two collection berms divert the stormwater from the leachate collection system and Environmental Unit staff pump the stormwater out of Cell 4 where it infiltrates on-site.

Household Hazardous Waste Facility Reuse Store: 254 customers visited the Household Hazardous Waste Facility Reuse Store during September and October. 641 gallons of paints, stains, herbicides, pesticides, automotive products, and other miscellaneous products were collected, sorted, and stocked into the reuse store.

Household Hazardous and Universal Waste Disposal: Throughout the September-October period the following materials were collected, packaged, and prepared for disposal by environmental unit personnel:

Motor Oil	7,683 gallons
Flammable Paints and Stains	6,640 pounds
Antifreeze	930 gallons
Oily Debris	360 pounds
Aerosols	340 pounds
Fuels	275 gallons
Diesel Exhaust Fluid	55 gallons

Smith Ballfields: The Smith Ballfields site is undergoing an analysis to provide data to determine a course of corrective action for constituent level mitigation which may exceed the groundwater standards in the area adjacent to the old landfill. The sixth of eight quarterly monitoring samples was collected in September. A complete trend analysis will be performed after the March 2020 sampling event and submitted to ADEC in June 2020. This assessment is mandated by ADEC. Estimated additional cost over FY19 and FY20 amounts to approximately \$40,000. Mitigation costs may range anywhere between \$1.5 and \$24 million dollars.

Transfer Stations Operations:

Transfer Station Upgrades: Upgrades were completed at the Sutton Transfer Station residential disposal wall, replacing decayed wooden beams with concrete blocks. Big Lakes burn barrel wall is also in the process of being replaced.

Big Lake Security Issues: Big Lake is experiencing a high rate of security related issues. Gang “tagging”, battery thefts, general access to containers (climbing in them - a very dangerous thing to do) and debris littered over the site are a few of the problems. The SWD manager is working closely with the Troopers to try to mitigate the issue.

Community Clean Up and Recycling:

Recycling: Valley Community for Recycling Solutions (VCRS) sold and shipped a total of 276 tons of recovered resources (recyclables) in September and October bringing the FY20 year-to-date total to 557.80 tons. A total of 219.70 tons of recovered resources is currently in inventory at VCRS. In September and October, 72.2 tons of recyclables were sold and shipped to local businesses, while 203.80 tons were sold and shipped out of state. 5,742 customers (resident/business) used the VCRS drive thru drop off in September and October for an FY20 year-to-date total of 12,051 recycling customers.

1,325 Transfer Station customers dropped off recyclable materials in September and October for an FY20 year-to-date total of 2,985 recyclers. There were 12 hauls in September and October for an FY20 year-to-date total of 32 recycling can hauls to VCRS through the recycling partnership containers. The total recycled materials diverted from the CLF so far this FY is 45.70 tons.

Illegal Dump Sites: Eight illegal dumpsites were cleaned in September and October resulting in a total of 4.69 tons of waste cleaned up by SWD employees. This brings the FY20 year-to-date totals to 16 illegal dumpsites with 5.99 tons of waste cleaned up so far.



Illegal dumpsite at Susitna Pkwy – planned access road to Little Susitna River 3,120 pounds of waste cleaned up from Fian near Vine Road (not including the truck).

Stefan Hinman video: <https://www.youtube.com/watch?v=qNxVTazGrKI&feature=youtu.be>

Community Cleanups: There were no community cleanups scheduled for September or October and we expect this program to pick back up in the spring of 2020.

Abandoned Vehicles: 3 abandoned vehicles were tagged and towed in September and October, bringing the FY20 year-to-date totals to 27 tagged vehicles and 22 towed vehicles. This number is expected to increase during the coming months when snow begins to fall and vehicles will need to be moved for the plow truck drivers.

Composting: 27 MSB residents attended the free backyard composting classes and 12 MSB residents attended the free vermi-composting classes during September and October. Composting classes are on hiatus now and will begin again in the spring of 2020.

Events: The MSB Recycling Program Coordinator and VCRS Outreach and Education Coordinator shared a “Recycle and Rot” themed booth for the Halloween event, October 31, 2019 at Raven Hall. The intent was to raise community awareness about how MSB residents could divert waste from the landfill by recycling and composting. The kids loved the hands-on worm compost display. Information was provided about the free composting classes the MSB/SWD offers to MSB residents, and locations recycling can be dropped off at no charge.

Special Programs

Beetle Kill Spruce: The Borough received approved funding for up to \$50,000 for beetle spruce kill tree, woody debris disposal operations from the State of Alaska. To date the program has collected approximately 700 cubic yards of material. The program will continue to collect the woody debris free of charge until further notice, or when funding is depleted.

McKinley/Deshka Fire Debris Disposal: Debris caused by the McKinley/Deshka Fires is no longer being accepted. The final scrap metal collection at the Willow Transfer Station will take place this week by the contractor Alaska Demolition. Final cost has not been calculated because we have not received all invoicing from vendors. SWD worked an additional 298 hours and took in 25.11 tons of material at its facilities.

Information Technology Department

System Improvements Projects

Project Plastic [Financial Systems, eCommerce, and Point of Sales (POS)]: Over 13,000 transactions for over \$970,000 have been processed since April 2017. eCommerce transactions volumes will exceed \$1,000,000 in November 2019.

Development of all funded eCommerce applications was completed on July 1, 2019. Development of additional capabilities such as integrated Property Tax Payments Online will resume once funding becomes available.

Public Wifi: The contract for Managed Public Wifi was awarded to MTA. The vendor has initially installed single access points at 20 MSB locations as specified in the RFP. Other sites or expansion of existing sites is underway. MTA will be providing all ongoing support for this infrastructure including content filtering, hardware and technical support. Most sites have 10Mb internet service with unlimited usage.

Remote Site Network Upgrades: Several locations have now had new equipment configured and deployed, and the rest of the equipment for remaining locations should be arriving at the DSJ building soon for configuration. A deployment plan is being drafted in order to get all remote sites switched over to the new equipment as efficiently as possible. Currently, we are still on track to have all equipment deployed by the end of 2019. In addition to the increased security posture the devices provide, they will also offer improved performance to accommodate the recently increased network speeds at many locations.

Govern Tax Billing and Upgrade: Taxes are the Borough's main source of revenue. We have hired a project manager, a team of business analysts, a screen developer and a database analyst to understand and document our current processes and assist in our migration to Open Forms.

The project continues to improve all processes that use Govern as their system of record, this includes certification, land improvement districts, bed tax, foreclosures, permitting, platting, tax sale and more. As part of the documenting and improving each of these processes, we are updating the system, Govern 10.8, to the latest version, Open Forms 6.1.

The project will provide efficiency to the following departments: Finance, Planning, Community Development, Public Works, and Information Technology. It will potentially add value to Emergency Services and Capital Projects as well.

Processes documented and improved thus far include foreclosures, bed taxes, marijuana sales taxes, Talkeetna water & sewer billing, area 36 sales taxes, LIDs, collections and self-reported taxes. Work began on assessments and platting.

Harris Govern was in town training the project team in the use and installation of Govern's Open Forms software May 6-14, 2019.

Tax Roll Certification was completed on May 29, 2019. Tax Bills were produced and mailed on July 1, 2019. An After-Action Review of the process was conducted on July 31, 2019. Process and program improvements

from this review are continuing and all known issues have been resolved. All documentation has been updated and a re-test of the Certification and Tax Billing process will occur before the end of the calendar year. Procurement of Project Team resources as budgeted was approved by the Assembly on August 6, 2019 and purchase orders were issued in late August 2019.

Configuration and testing of the development database was substantially completed and verification by Borough SMEs began.

Knowledge transfer sessions to smooth the transition from existing to new Govern support personnel began and will continue through May 2020.

Identification of screens, reports, forms, views and stored procedures that fall within the 6.0 upgrade were identified and catalogued on the SharePoint Project Management site.

Cyber Security: Sophos Device Location - Sophos is a tool used at the Borough to protect IT infrastructure from cyberattacks. A feature has been enabled within Sophos that automatically isolates devices from the network if they are deemed to have a bad status. This status indicates that Sophos has an issue protecting the device from cyber security threats. Once devices are returned to a less severe status they are removed from isolation.

The Borough Cyber Security Portfolio projects continue:

- Network Access Control: Currently installed and being configured. This tool will support controlling what equipment is allowed on our network. This is a critical security component.
- Logging, monitoring and Alerting: Improvements still under consideration.
- Policies: Final edits presented to Manager and Directors.
- There are many more Cyber Security enhancements that the IT team is working on. Our new reality dictates that we have a layered approach and continuous improvement as the nature of the threats continue to become more sophisticated. Four times the number and severity of attacks are predicted by the US Federal government for the coming year.

Microsoft Teams: The initial rollout of the Microsoft Teams application has been completed. All departments/divisions requesting this service have been implemented. Teams provides for online meetings, videoconferencing, instant messaging and collaboration. This application replaces functionality that was previously available through the Mitel phone system.

Annual Workstation Refresh: Planning and preparation is underway for the FY20 workstation refresh. A customer survey was distributed to determine the required equipment and to obtain final quotes. There are approximately 150 workstations that will be replaced in FY20 and we expect this refresh process to begin in January 2020.

GIS Division

Growing Borough/High Performing Public Organization: A significant focus of the GIS Division is to support ongoing Borough growth with a limited budget by improving efficiency across Borough departments through the use of GIS technology. October saw two significant contributions to this effort:

Right of Way and Utility Construction Permit App

As part of this ongoing enterprise efficiency improvement effort, October saw the launch of a new web app for ROW and Utility construction permits to support the Development Services Division. Supporting a full paperless workflow, it is expected that this new app will provide significant improvements to workflow efficiency both in the field and office. The previously developed Driveway Permit Review application has allowed Development Services to see significant efficiency gains and to provide improved response to applications and to begin to

overcome a longstanding backlog. It is expected that similar workflow efficiencies can be gained through this new application.

2019 Core Area Aerial Imagery

Aerial imagery is used by E911 dispatch to improve emergency dispatch operations. It is also used across the Borough by many departments, staff and citizens to gain better knowledge of field conditions and improve efficiency without the use of expensive and time consuming field visits. To support these efforts the GIS Div. has developed an ongoing program to maintain current aerial imagery across the developed portions of the Borough on a rotating basis.

Summer 2019 saw the acquisition of 1,152 square miles of 1/2 ft. and 1 ft. resolution imagery focused on the areas of Palmer, Wasilla, Big Lake and the Matanuska valley. This imagery has now been published on the Borough parcel viewer/myProperty website for use by staff and citizens. It will also be made available as a web service accessed through the MSB Open Data site for use in professional mapping and engineering applications. The imagery may be purchased for nominal cost on portable hard drive format directly from the GIS Division.

Animal Care & Regulation

September / October Monthly Statistics:

573 Animals brought into the shelter
317 Animals adopted and/or rescued
93 Animals returned to their families

Please Microchip your pets, it's a sure ticket home! Just \$30 at the shelter.

Highlights:

September 7 th	Fred Meyer Wasilla adoption event
September 10 th	Volunteer orientation
September 21 st	Volunteer training
October 5 th	Girl Scout presentation and tour
October 8 th	Volunteer orientation
October 9 th	School presentation and tour
October 17 th	Nursing home visit
October 19 th	Volunteer training
October 22 nd	Academy Charter volunteer training
October 23 rd	Academy Charter volunteer training

Volunteer and Foster Thank You:

We want to send out a big thank you note to our volunteers and foster families! In September, we had 9 foster families who have dedicated a total of 430 hours. We also had 105 volunteers who dedicated a total of 688 hours. Foster families and volunteers have dedicated a total of 1118 hours of service in September. In October, we had 8 foster families who have dedicated a total of 525 hours for the month. We also had 100 volunteers who dedicated a total of 722 hours. Foster families and volunteers have dedicated a total of 1,247 hours of service in October.

Thank you to all the volunteers for their dedicated service!

Outreach & Education:

One of the most powerful tools we have for preventing cruelty to animals is education. It is important to plant the seeds of kindness in children early, and to nurture their development as the child grows. Children not only need to learn what they shouldn't do, but also what they can do. When children see that their pets are happy and loving, it will make the child feel good, too. This in turn will help the children care for their pets. Animal Care prides itself in outreach and education. We solicit teachers to contact the shelter if they would like us to organize a tour and presentation and/or come to the classroom

New Hires:

Our new full-time veterinarian, Dr. Mika Straub, started working for the shelter early November. Please welcome Dr. Straub to our team. We are delighted to have her on our team!

Enforcement:

Mat-Su Animal Care and Regulation operates under the Borough Code Title 24. Four Animal Care Officers provide regulation and enforcement services to the entire Borough, with the exception of Palmer, Wasilla and Houston city limits.

Upcoming Events:

November 6 th	6:00pm - 7:00pm	Volunteer orientation
November 13 th	1:30pm - 3:30pm	Dr. Whiton vet assistant classes from Mat-Su College
November 14 th	4:00pm - 5:00pm	Sutton Library presentation
November 15 th	1:15pm - 3:15pm	Swanson Elementary school presentation
November 16 th	10:00am - 4:30pm	Volunteer training
November 21 st	1:00pm - 3:00pm	Senior Center animal presentation

Department of Emergency Services (DES)

September 2019

EMS Responses: 798

October 2019

EMS Responses: 821

Operations:

Average of 27 calls per day

Central: 56% / Lakes: 15%

East (Palmer / Butte / Sutton): 22%

North (Willow / Talkeetna / Trapper Creek): 6%

- Participated in the multi-agency School Safety Tabletop Exercise, hosted by the MSBSD. Exercise topic featured a school fire with multiple casualties and interagency dialogue.
- Battalion Training involved preparing for high-risk obstetrical emergencies and neonatal (newborn) resuscitation.
- Conducted skills evaluations for Lakes FD.
- Continued the RQI transition from the Health stream platform to the proprietary one provided by RQI.
- Evaluation of the LUCUS mechanical CPR device as a possible replacement for the Zoll Auto Pulse.
- Development of the Medical First Responder (MFR) program for the MSB Fire Departments.

Training:

- Battalion training cycle included radio familiarization and operations, fire scene rehabilitation, and scene response to firefighter emergencies.
- Joint simulation exercises conducted with CMSFD and Butte FD.
- RQI program, which maintains the department's high quality CPR training, was transitioned to a new host program. All remaining interns are now in their final (2-man) phase.

Community Events:

- In conjunction with the Mat-Su Health Foundation, met with Recovery Innovations regarding future treatment options for behavioral health emergencies.
- Conducted an educational public relations event at Job Corps in Palmer, including demonstration of ambulance / equipment and answering career questions.
- Conducted a demonstration at a "Community Helpers" program at CCS Early Learning (Head Start) in Wasilla, introducing young children to the components of an emergency and 911.
- Participated in the Emergency Preparedness Expo at the Menard Center, offering ambulance / equipment demonstration, "Hands Only CPR" and "Stop the Bleed" to attendees.

Fire

292 Total Fire/Rescue calls in September

479 Total Fire/Rescue calls in October

Fire Code Office:

63 new plan reviews

63 approved pan reviews

78 Building inspections

0 Fire Investigations

48 Platting Comments

Emergency Management

- Continue to meet and work through Project Worksheet formulation with the State of Alaska and FEMA for the 2018 Earthquake;
- Continue to support and coordinate with the COAD for recovery operations for the McKinley Fire, to include One Stop Shop event in Willow;
- Continue to coordinate with the State of Alaska for Public Assistance recovery for the McKinley Fire;
- Attended Incident Command Train the Trainer course;
- Attended Homeland Security Exercise and Evaluation Program training course;
- Coordinated and delivered 11th Annual Preparedness Expo at the Menard center with over 1500 participants;
- Construction began Sept. 25th on a new 120' communications tower to enhance communications for the Sutton, Butte and Northeastern area of the Mat-Su Borough;
- Construction and build out of a new location (Sunshine Creek) located at mile 108 of the Parks Hwy. to enhance communications for the Talkeetna, Trapper Creek, and Northern areas. Reception testing is underway;
- Purchase and design for an enhanced radio network completed. Implementation under way;
- Purchase and moved onsite 5500lbs worth of batteries to our main Area wide communications site to replace almost 15-year-old batteries. This will ensure better reliability of our main Emergency Services operational channel. Wiring in progress;
- Implementation and testing of Radio over cellular as a backup to MSB repeater system;
- Switched over power to new battery plant on Grubstake;

- Winterizing/Maintenance on Grubstake;
- Continued build out of Microwave Radio Network;
- Build out of Station 3-2 Communications building.

DES Fleet Services:

New Work Orders – 244

Completed Work Orders – 297

Total Open Work Orders – 604

- Winter tire change over in process.
- Butte / Willow FSA PM completed.
- Pierce electrical fundamentals/command zone training completed.
- Cascade system repaired at station 11-1.
- Cascade system install completed for central rescue truck.
- Cascade Compressor repairs completed for Station 51. Compressor is back in service.
- Lighting package install in process for Core Area Rescue Apparatus.
- Winter Tire changeovers 97% complete.
- Butte/Willow Apparatus Annual Inspections 93% complete.
- Ambulance Remounts that we received in October are in service.
- New Medic1 vehicle in service.
- ASE/EVT testing continues through November.
- GM Powertrain training continues through November.

Water Rescue:

- Rescued a person and dog that fell off cliff at goose bay airport.
- Conducted joint rope training with central.

Finance Department

Areawide

Revenues:			
Property Taxes	104,218,930	104,218,930	58,438,864
Marijuana Sales Tax	800,000	800,000	161,496
Excise Taxes	7,509,000	7,509,000	2,157,360
Federal Payments	3,000,000	3,000,000	92,581
State Grants & Shared Revenues	2,289,000	2,289,000	2,864,764
Fees	7,770,800	7,770,800	1,863,629
Interest Earnings & Other	525,000	525,000	164,659
Recoveries & Transfers	1,806,304	1,806,304	1,269,237
TOTAL AREAWIDE REVENUES	127,919,034	127,919,034	67,012,592
Expenditures:			
Non Departmental	87,886,235	88,029,735	47,585,780
Assembly	7,588,529	7,588,529	2,506,710
Mayor	82,197	82,197	17,318
Information Technology	5,566,388	5,435,232	2,503,222
Finance	8,219,463	8,451,801	2,873,989
Planning	4,379,866	4,278,684	1,194,011
Public Safety	14,141,946	13,998,446	5,036,792
Public Works	2,051,991	2,051,991	874,889

Community Development	4,665,659	4,665,659	1,684,282
Capital Projects	2,713,930	2,713,930	734,760
TOTAL AREAWIDE EXPENDITURES	137,296,204	137,296,204	65,011,753
	-9,377,170	-9,377,170	2,000,838

Non-Areawide

Revenues:			
Property Taxes	4,518,000	4,518,000	2,636,187
State Grants & Shared Revenues	845,000	845,000	36,250
Fees & Other Miscellaneous Income	253,100	253,100	90,510
Interest Earnings & Miscellaneous	11,500	11,500	29,848
Recoveries	0	0	31,223
TOTAL NON-AREAWIDE REVENUES	5,627,600	5,627,600	2,824,018
Expenditures:			
Non Departmental	836,400	856,400	833,743
Assembly	2,778,935	2,758,935	994,765
Information Technology	194,424	194,424	90,938
Finance	2,000	2,000	0
Public Works	0	0	133
Community Development	1,686,835	1,686,835	707,226
TOTAL NON-AREAWIDE EXPENDITURES	5,498,594	5,498,594	2,626,805

Land Management

Revenues:			
Fees	71,000	71,000	9,014
Interest Earnings	38,000	38,000	12,898
Property Sales & Uses	870,000	870,000	539,202
Miscellaneous	1,500	1,500	50
Recoveries & Transfers	0	0	78,004
TOTAL LAND MANAGEMENT REVENUES	980,500	980,500	639,168
Expenditures:			
Non Departmental	200,000	2,200,000	2,200,000
Community Development	1,499,718	1,499,718	304,207
TOTAL LAND MGMT. EXPENDITURES	1,699,718	3,699,718	2,504,207
	-719,218	-2,719,218	-1,865,040
Budgeted Contribution to Permanent Fund	182,750	182,750	123,399

Enhanced 911

Revenues	1,786,500	1,786,500	1,507,389
Expenditures	1,675,701	1,675,701	1,354,734
	110,799	110,799	152,655

Fire Fleet Maintenance

Revenues	678,493	678,493	678,493
Expenditures	678,193	678,193	222,630
	300	300	455,863

Caswell Lakes FSA

Revenues	351,540	351,540	265,714
Expenditures	443,720	443,720	205,976
	-92,180	-92,180	59,738

West Lakes FSA

Revenues	3,395,802	3,395,802	2,163,126
Expenditures	3,661,698	3,661,698	1,846,506

	-265,896	-265,896	316,621
<u>Central Mat-Su FSA</u>			
Revenues	11,000,983	11,000,983	6,165,925
Expenditures	16,231,436	16,231,436	10,582,884
	-5,230,453	-5,230,453	-4,416,958
<u>Butte FSA</u>			
Revenues	958,870	958,870	554,814
Expenditures	1,468,840	1,468,840	1,009,626
	-509,970	-509,970	-454,812
<u>Sutton FSA</u>			
Revenues	238,500	238,500	227,816
Expenditures	285,620	285,620	135,232
	-47,120	-47,120	92,583
<u>Talkeetna FSA</u>			
Revenues	384,370	384,370	306,966
Expenditures	511,303	511,303	290,246
	-126,933	-126,933	16,720
<u>Willow FSA</u>			
Revenues	856,380	856,380	609,129
Expenditures	856,513	856,513	466,803
	-133	-133	142,325
<u>Greater Palmer Consolidated FSA</u>			
Revenues	1,372,460	1,372,460	800,510
Expenditures	562,469	661,220	604,799
	809,991	711,240	195,711
<u>Road Service Administration</u>			
Revenues	3,569,185	3,569,185	3,573,161
Expenditures	3,562,585	3,562,585	1,629,436
	6,600	6,600	1,943,725
<u>Midway RSA</u>			
Revenues	1,907,450	1,907,450	964,852
Expenditures	2,084,073	2,084,073	1,874,431
	-176,623	-176,623	-909,580
<u>Fairview RSA</u>			
Revenues	1,277,890	1,277,890	679,870
Expenditures	1,346,222	1,346,222	1,241,293
	-68,332	-68,332	-561,423
<u>Caswell Lakes RSA</u>			
Revenues	679,000	679,000	441,287
Expenditures	713,253	713,253	403,750
	-34,253	-34,253	37,537
<u>South Colony RSA</u>			
Revenues	1,642,020	1,642,020	883,376
Expenditures	1,721,527	1,721,527	1,587,926
	-79,507	-79,507	-704,550
<u>Knik RSA</u>			
Revenues	3,053,540	3,053,540	1,648,480
Expenditures	3,122,698	3,122,698	2,964,384

	-69,158	-69,158	-1,315,904
<u>Lazy Mountain RSA</u>			
Revenues	260,060	260,060	151,772
Expenditures	299,545	299,545	208,376
<u>Greater Willow RSA</u>			
Revenues	972,690	972,690	660,420
Expenditures	1,083,198	1,083,198	924,191
	<u>-110,508</u>	<u>-110,508</u>	<u>-263,772</u>
<u>Big Lake RSA</u>			
Revenues	1,325,130	1,325,130	828,336
Expenditures	1,435,440	1,435,440	1,072,325
	-110,310	-110,310	-243,989
<u>North Colony RSA</u>			
Revenues	218,740	218,740	109,699
Expenditures	266,371	266,371	208,010
	-47,631	-47,631	-98,311
<u>Bogard RSA</u>			
Revenues	1,906,120	1,906,120	1,038,948
Expenditures	2,029,396	2,029,396	1,722,897
	-123,276	-123,276	-683,948
<u>Greater Butte RSA</u>			
Revenues	1,003,310	1,003,310	557,983
Expenditures	1,162,458	1,162,458	1,052,551
	-159,148	-159,148	-494,568
<u>Meadow Lakes RSA</u>			
Revenues	2,124,030	2,124,030	1,165,674
Expenditures	2,213,494	2,213,494	2,000,945
	-89,464	-89,464	-835,271
<u>Gold Trails RSA</u>			
Revenues	1,896,780	1,896,780	1,009,405
Expenditures	1,974,132	1,974,132	1,891,955
	-77,352	-77,352	-882,550
<u>Greater Talkeetna RSA</u>			
Revenues	651,410	651,410	467,924
Expenditures	827,504	827,504	686,423
	-176,094	-176,094	-218,499
<u>Trapper Creek</u>			
Revenues	239,060	239,060	162,422
Expenditures	376,271	376,271	308,426
	-137,211	-137,211	-146,004
<u>Alpine RSA</u>			
Revenues	266,700	266,700	152,889
Expenditures	323,788	323,788	197,066

Talkeetna Flood Control Service Area

Revenues	31,730	31,730	23,511
Expenditures	53,680	53,680	27,737
	-21,950	-21,950	-4,226

Point MacKenzie Service Area

Revenues	36,600	36,600	5,244
Expenditures	88,084	88,084	46,260
	-51,484	-51,484	-41,016

Talkeetna Water/Sewer Service Area

Revenues	380,000	380,000	109,031
Expenditures	787,951	3,673,524	3,355,042
	-407,951	-3,293,524	-3,246,011

Freedom Hills Subd. RSA

Revenues	0	0	0
Expenditures	14,799	14,799	0
	-14,799	-14,799	0

Circle View / Stampede Est.

Revenues	21,600	21,600	11,672
Expenditures	5,240	5,240	0
	16,360	16,360	11,672

Chase Trail Service Area

Revenues	630	630	16,400
Expenditures	2,632	2,632	0
	-2,002	-2,002	16,400

Roads Outside Service Areas

Revenues	0	0	0
Expenditures	95	95	0
	-95	-95	0

Solid Waste

Revenues	10,707,326	10,707,326	2,798,981
Expenditures	10,041,271	10,041,271	5,795,875
	666,055	666,055	-2,996,894

Port

Revenues	909,970	909,970	848,970
Expenditures	2,026,010	2,026,010	376,009
	-1,116,040	-1,116,040	472,961

Contribution to Permanent Fund:

	YTD	ADOPTED
341.800 Land Mgmt Fees	2,500.00	10,000.00
343.360 Park Fees - Deshka Park	500.00	1,000.00
366.000 Wetland Bank Proceeds	539,201.90	870,000.00
366.410 (Gravel Sale Royalties)	(48,606.91)	(150,000.00)
	<u>493,594.99</u>	<u>731,000.00</u>
	25%	25%
	<u>123,398.75</u>	<u>182,750.00</u>

CAPITAL PROJECTS DEPARTMENT

Project Management Division

Knik Elementary and Goose Bay Elementary Schools Access Control: Various fencing, gates, and pedestrian entrances were constructed across the entire two-school campus creating a control barrier between parking areas and playground/field areas to mitigate vandalism issues.

Safety Lighting Improvements at MSB Parks and Recreation Maintenance Shop: A contract was executed to provide new site lighting in the enclosed yard and parking areas adjacent to the new maintenance shop. This work is now complete and in warranty phase.

Station 6-1 Improvements and Addition: A contract was awarded to Wolf Architecture to provide architectural and engineering services for improving station layout and operations to include new apparatus bays for Fire and EMS. This project is in design phase and expected to bid in January/February 2020 for construction.



Station 3-2 Communication Tower: A communication tower at Station 3-2 was constructed to support emergency responder radio communication and provide opportunities for future upgrades supporting enhanced DES communication connectivity. *(Picture at left).*

DES Security Cameras: This project will install security systems at all CMSFD Stations. This project will include security cameras and other security system related equipment. Request for bids will be released during the next fiscal year.

Palmer Pool Improvements: This project will significantly upgrade the Palmer pool. Concrete forming of the pool is in progress, air handlers are installed, and boilers are being assembled. Construction is on track to meet the contract completion date.



Palmer Pool deep-ended formed walls.

Old Station 6-2 Sprinkler System: The old Station 6-2 does not have a sprinkler system. The new system will be tied into the new water storage tank underneath the new station. We will select an architect to assist with the design process. This project will then be competitively bid.

Talkeetna Public Safety Building Lighting Upgrades: Exterior lighting at both Stations 11-1 and 11-2 is in need of repair and frequently goes out. New energy efficient lighting will provide a safely lit area around the station and use less energy. Nodak Electric will be awarded the bid for this work.

Station 6-3 Fire Pump Replacement: Station 6-3 experienced some flooding which damaged the fire pump equipment. This project will replace the pumps and associated controllers. Low bidder was Taylor Fire.

New Willow Library: This project will construct a new 6,600 SF library and install a fire suppression system in the community center. A Request for Proposals was submitted for advertising Sep 24.

Willow Log Cabin Renovation: This project will renovate the Willow Log Cabin adjacent to the community center. The goal is to make the building useable while retaining the historical appearance. Request for Proposals to design and build the project is currently advertised with proposals due Nov 14.

Houston Middle School: The structure has been inspected by the insurance company and the Borough's consultants. The bulk of the 2018 earthquake damage has been documented and agreed upon and negotiations with the insurance company are ongoing. The Borough is also working with FEMA for possible reimbursement for costs incurred and to rebuild. A request for design proposals was advertised with BDS being the highest scored architectural firm. A final scope of work must be finalized before awarding a design contract.

Pre-Design and Engineering Division

Reddane Avenue Extension (Port Mackenzie Rail Extension): This road extension will provide direct construction access to the southern portion of Segment 2 of the PMRE project as well as improved access to the southern portion of the Agricultural District. The Reddane Avenue Extension contract was awarded to Psenak Construction. Most of the embankment construction occurred in fall of 2018. Remaining work on ditches and seeding took place the week of June 24, 2019. Seed finally was established late September and project final payment occurred in October.

Bogard PH III – Resurfacing and Pedestrian Pathway: The purpose of this project is to resurface the existing road and add a pedestrian pathway connection from Trunk Road to Colony Middle School. The project was awarded to Northstar Paving and Excavation in January 2019 for \$450,890.92. The project is now completed.

Nelson Road Multi-Use Non-Motorized Pathway Phase I: The purpose of this project is to add a pedestrian pathway connection from the Wasilla Creek Bridge west along Nelson Road to Machetanz Elementary School. Low bid project contract went to Hybrid Construction AK for \$319,766.75. Construction complete and accepted on August 14, 2019, just in time for school to start on August 15. Seeding complete in late September. Final payment occurred in October. *(Picture at right).*



West Susitna Parkway Asphalt Seal, Stripping, and Rumble Strip: Three parallel end treatments that had been damaged by maintenance snow plowing were fixed on October 17, 2019. Remainder of state monies will be requested by Brad to use on adjacent road improvements or given back to the state.

Big Lake Fish Viewing Platform Improvements: Two designs were given to Community Development for review. One option replaces the existing platform with all treated wood for around \$25,000. The second option, with a design life of 50 years, uses a treated wood substructure, aluminum decking, and a galvanized hand rail system estimated around \$50,000. Community Development is applying for a grant to help move forward with the 50-year design life option.

Big Lake Boat Launch Repair and Parking Improvements: (See Pictures Below) Bid on July 29, 2019 and contract awarded to Ficklin on August 12, 2019 for \$67,055.50. Project started late due to some permit revisions and coordination with the Yacht club's end-of-the-year party. Started September 16, 2019 and was complete and open again on October 11. (Pictures below left old, right new).



Larry Trails System: Larry, Darlene, Alice, and Mabel Trails low bid award to Valley General Construction for \$339,888.60. Utilities relocation costs: MEA \$57,000; Enstar \$140,000; and MTA \$181,000. Construction was substantially complete as of end of October 2018 and punch list items are currently being completed. Hydro seed was re-shot on June 5, July 2, and July 26, 2019. Seeding had a very hard time germinating in the record dry and heat this summer. Finally, late fall rain helped the seed to germinate. Close out and final payment were complete in October.

Big Lake Trail Bridges: Diversified Construction has completed the sub structure and about 50% of the girder placement. Decking and ramps will be finished this coming winter after freeze up due to the inability to access these remote sites while the ground is thawed. These bridges are located across Fish Creek (100-foot long) and Groomer's Gully (50-foot long) on T6 of the Iron Dog Trail in Big Lake. Work to be re-started as soon as snow pack allows snow machine travel. Estimated completion time frame about two weeks.

Bradley Road Bridge: A preliminary investigation and cost estimate is complete. Construction funding of approximately \$700K is needed to replace the bridge.

Yoder Road Riprap Replacement: Construction is complete by JPC on the riprap embankment along the west side of the creek, and project close-out is in progress.

Lake Louise Boat Launch and Parking Improvements: Low bid is Dirtworks for \$595,595.95. Construction of the boat launch began July 9, 2019 and was complete on August 8. Parking lot expansion construction began July 11, 2019 but they hit permafrost. The engineers wanted the area stripped so melting would continue for a year and re-start the parking lot fill on July 7, 2020. We achieved thicker thawing than anticipated reported by HDL's geotechnical engineer and hopeful next spring thaw will get our depth required to pave the parking lot expansion improvements. October 20, 2019: pictured below - grubbing placed back on parking lot area for insulation; to be removed again in spring.

Alcantra Sports Complex & Trail System and West Butte Recreation Area, Parking Lot Lighting: Alcantra bid package went through the Purchasing Department in June 2019 and was opened July 10, 2019. With seven bidders, the base bid amount was over our available funding. Re-bid on August 16, 2019 with just the lighting in the east parking lot. A bid from Nodak Electric & Construction for \$46,800 was received. Underground work is complete as of October 25, 2019 and staff is now waiting for delivery of the poles. *(Picture at right).*



Willow Park Improvements: Currently working on design for overlook and path extension to wetlands. Small portable handicap toilet cover structure was competitively bid with three bidders and Ramey Smyth, a log builder in Willow, was low with \$5,999 bid. Structure was started on September 6, 2019 and was completed on September 13. *(Picture at left).*

Septage: A Preliminary Engineering Report is complete and recommends treating septage by combining it with solid waste organics as a waste-to-energy project. Septage treatment by anaerobic digestion is an option in conjunction with organic solid waste from the landfill. This could mitigate landfill costs associated with expansion, leachate, gas release, etc. for the municipal solid waste cells. We issued a Request for Expressions of Interest seeking interested potential private partners for a waste-to-energy facility, and received two responses that are considered potentially viable. A formal RFP is in development for solicitation this winter. The Wastewater & Septage Advisory Board last met at 2 p.m. on October 10, 2019 in the Assembly Chambers. The next meeting is scheduled for November 13 at 2 p.m. in the Assembly Chambers.

Leachate Treatment Facility: The design project was awarded to Clark Engineering, who completed the Preliminary Engineering Report in early 2018. Clark conducted a pilot study of the proposed filtration treatment system in September-October 2018 and results have been positive. A report summarizing the pilot test was submitted in January 2019, and the engineers submitted the 65% design documents. The project is advancing toward the 95% submittal, and construction is scheduled for Summer 2020.

Matanuska River Dike Reconstruction and Revetment Creation: Preliminary Design is complete. RFP was issued to complete design and proposals are currently being evaluated. The plan is to move to construction in early Winter 2019 when water levels will be at their lowest.

Port MacKenzie Dock Repair: Work to stabilize the damaged cells was completed in 2017. In 2018, a construction contract was awarded to Orion Marine to replace the damaged sheet piles. All of the sheet piles have been replaced, and the repair is complete. The contractor will finish demobilizing in Winter 2019.

Seldon Road Extension: Phase II of this project is in ROW acquisition (currently at 90%). Design is at 95% complete. Construction funding is needed.

Wasilla Creek Headwaters Trail: Several meetings have occurred with state agencies including DNR and ADF&G, who co-manage the Moose Range and its trail system. Additional funding is available through the USFWS for stream bank restoration and through the Mat-Su Trails and Parks Foundation for public involvement. A field trip was conducted in July 2019 with USFWS to further scope and discuss potential improvements. A public meeting is planned for December 2019.

Cottonwood Creek Assessment: This project is complete and was presented to the Planning Commission on June 19th. The final report has been posted to the Borough website. Borough Staff also plans to work with the State and other organizations to investigate potential septic system sources along the creek.

Vine Creek Drainage Analysis: This project is complete and was presented to the Planning Commission on June 19th. The final report has been posted to the Borough website. A design for one of the recommended improvements, a new culvert on Lucille Street, has been completed by The Boutet Company. Construction funding is needed.

Wasilla Creek Stormwater Analysis: In Spring 2018, the Borough received a \$30K grant from the State of Alaska Department of Environmental Conservation to complete a stormwater assessment of the Wasilla Creek drainage, similar to previous stormwater studies. DOWL Engineers was awarded the consulting contract in July and conducted fieldwork in the fall and spring. A draft report was submitted in December 2018 and the final report was submitted in June 2019. The next step will be to present the report to the Planning Commission.

Cell 4 Construction: The ADEC Clean Water Program provided a \$7 million loan to the Borough to fund the project. HDR was awarded the design contract and the design is complete. The construction contract was awarded to Southcentral Construction and is substantially complete. Leachate lagoon and bottom liner installation is complete, along with a new high voltage power line. Final completion was achieved in Summer 2019.

Government, Peak Recreation Area (GPRA) Overflow Parking Lot: The design plans have been developed for a small overflow parking lot on the East side of Mountain Trails Drive which will add 47 parking places. This will relieve overcrowding during big events and provide separate parking for equestrian and mountain bike users. The cost estimate for construction is \$286,000 but funding has not been identified.

2018 Road Bond Package: On October 2, 2018, the Mat-Su voters approved a \$23.8 million bond package containing 10 projects with the caveat that a 50% match must be found before the bonds will be sold and the projects developed. Resolutions of support from the City of Houston, the City of Wasilla, and the Meadow Lakes Community Council were received. The ten projects (in alphabetical order) consist of:

- Aspen Ridge Road Extension to Palmer Fishhook Road
- Cheri Lake Drive/Karen Drive/King Arthur Drive Corridor Improvements
- Hemmer Road Upgrade and Extension, P-W Highway north to Bogard Road
- Hermon Road Upgrade and Extension, Parks Highway to Palmer-Wasilla Highway
- MSB School District Pedestrian Safety projects
- Seldon Road Extension, Phase II
- Smith Road Upgrade
- Tex-Al Drive Upgrade and Extension
- Trunk Road Connector/Katherine Drive
- Trunk Road Extension South, Phase III

Funding for the 50% match is actively being sought. Nominations have been submitted to ADOT&PF for Community Transportation Program grants that could provide the match if scoring is high enough.

Felton Street Extension: This project will connect the Alaska Department of Transportation’s newly constructed Felton Street approach on the Palmer-Wasilla Highway by extending the street north to Bogard Road. Funding and maintenance agreements are currently being drafted.

Trunk Road Connector (Katherine Drive): This project creates a connection between Trunk Road, Stringfield Drive, and Manhattan Drive. The purpose of this project is to relieve congestion at the intersections of the Palmer-Wasilla Highway and Stringfield Drive, and provide secondary access to Midtown Estates Subdivision. Construction of the approach embankment off Stringfield Drive is complete. Clearing of the corridor is scheduled this winter to allow for frozen ground conditions.