



MATANUSKA-SUSITNA BOROUGH

Borough Manager

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Date: November 28, 2018
To: Mayor and Assembly Members
From: John Moosey, Borough Manager
Subject: Borough Manager's Report

Monthly Activity Report September, October 2018

Animal Care & Regulation Department

Due to the cyber incident on July 24th, we are not able to access information necessary to post our statistics for the manager's report. We have spent a good portion of the past two months recreating documents that were encrypted and unrecoverable. We also had a backlog of hard copy cases and adoptions that we have been uploading into our new software database. The new version of our software has very limited historical data. This has presented Animal Care with some operational challenges. At this point, we do not expect to get our historical data back, which will somewhat hinder the way we operate. Regardless, we continue to provide all services to the public.

The Cyber incident has also interrupted our adoptable and lost animals featured on Pet Harbor. We continue to have complaints about our inability to feature our new animals for adoption and lost pets. We are working with IT to mitigate, or solve this problem.

With the loss of our historical case files and limitations on Pet Harbor, we have asked the public to be patient with us. After the Cyber incident, we had no way of knowing what cases were open prior to the computers crashing. Overall, the public has been patient with us and we are very grateful for that.

Some activities in September and October include:

- We had a tour with the new veterinarian clinic, Tier 1. We have been informed they plan to offer 24-hour vet care as early as November 2018. At that time, if they do, we intend to utilize their after hour services to alleviate some of the workload on our staff veterinarian.
- We met with a dog-training assistant group, had two Petco adoptions and placed 6 cats and 23 kittens to their forever homes.
- We participated in a 3-day FEMA class for spontaneous volunteers and donations.
- We hosted a field trip with 50 fifth graders from Meadow Lake Elementary School. It was a great success and the students had nothing but positive things to say about our shelter.
- We hosted a UAA Vet Assistant Class.
- We had an Adoption Day event on on October 25th where we found homes for several more dogs and cats.
- We received a shipment of supplies for the repair of the crematorium. We anticipate the Crematorium will be rebuilt and operational in November 2018. We want to give a big thank you to Capital Projects for their assistance on this project.

Thank You:

We want to send out a big thank you note to our volunteers and foster families! In September, we had 18 foster families who have dedicated a total of 483 hours for the month. We also had 104 volunteers who dedicated a total of 750.25 hours. Foster families and volunteers have dedicated a total of 1213 hours of service in September.

In October, we had 11 foster families who have dedicated a total of 993 hours for the month. We also had 118 volunteers who dedicated a total of 785.75 hours. Foster families and volunteers have dedicated a total of 1902.75 hours of service this month.

Thanks to them all for their dedicated service!

Low Cost Spay/Neuter Clinic:

In September, we hosted a low cost spay clinic for low income and military families. We performed 6 spays for 3 dogs and 3 cats. In October, we hosted another large low cost spay/neuter clinic for low income and military families. We performed 31 cat spays. Way to go to our vet staff and amazing volunteers for this impressive accomplishment!

Please visit our Facebook for upcoming clinics and spread the word about our monthly low income/military spay/neuter clinics.

Pet Safety Reminder:

Alaska is an extreme place to live. We believe it is the most beautiful place on earth, both in summer and winter months. However, the Alaskan winter season also comes with periods of darkness, wind, extreme cold temperatures and large amounts of snow. Here are a few reminders from MSB Animal Care to help your pets stay warm, healthy, happy and comfortable during the Alaskan winter. It is illegal to have your animal running loose. They can get lost, starve, get frostbite, fall through the ice or freeze to death. Loose cats will curl up next to warm engines. Keep your pet safe. Keep them restrained. There is a leash law and it's a \$110 dollar fine.

Pet Sweaters, coats, and booties do help. If your pet(s) will allow you, equip them with some winter gear. This will keep your pet warm but cannot be used alone to keep your pet warm. Remove winter gear when inside to avoid skin problems related to damp fabrics.

Highly visible collars, leashes and blinkers: They stand out during periods of darkness. Neon, glow-in-the dark, reflective, and fluorescent collars should be used. Elderly pets, young pets, small breed, shorthaired and pets with medical conditions get colder faster: Conditions like diabetes, heart disease, kidney disease, and hormonal imbalances can compromise a pet's ability to regulate their body temperature.

Elderly pets with arthritis can have stiff and tender joints when left outside for long periods. Heated pet beds can provide additional warmth and comfort.

Animals in the car: Use caution when leaving your pet in the car outside. Even running the engine occasionally is dangerous due to carbon monoxide.

Diet: Your pet burns more calories in the winter so you need to increase their food intake. If you are unable to use a heated water dish, put warm water on their dog food.

Outdoor dog housing: Dig the snow away from the front of the doghouse to prevent it from getting inside the house when they go in and out. Straw works best for bedding and is a good insulator. Beds get wet and no longer provide insulation.

Failure to provide humane care and for NOT providing adequate FOOD, SHELTER & WATER is a violation of MSB 24.05.080. Be sure to check your animal throughout the winter.

Use Common Sense. Longhaired breeds like Huskies will do better in cold weather than shorthaired breeds. When you are cold enough to want to go inside, your pets probably are too. When you have a question about your pet's health during the winter months, call your veterinarian.

Frostbite and hypothermia. Frostbite is an injury caused by freezing of the skin. Hypothermia is when your pets body temperature falls below normal. When an animal's body gets cold, it pulls all the blood from the extremities to the center of the body to keep warm. If you suspect this, DO NOT soak, rub the affected area, or apply heat, wrap them in blankets and take them to your veterinarian.



Department of Emergency Services



EMS

September 2018

- 813 EMS Responses.
- No noticeable decrease in total calls with the close of the summer season. Volume remains consistent, with the system averaging 27 calls per day:
 - Central – 51%, Palmer / Butte / Sutton – 25%, Lakes – 17%, North (TKA, TCA, SS, WA) – 7%
 - Supported Central Fire’s live burn training.
- Two new shift supervisors: C. Sathers and M. Spatafore. Both will be fully operational by November 1st.
- Two new FT MICPs.
- Training update:
 - Baseline assessments and first modules for EMT3 Expanded Scope of Practice implemented.
 - 8 new On-Call Responders successfully completed the EMS Academy, including the first offering of the new CEVO 4 (emergency vehicle driving) program.
 - Moulage workshop for responders - to increase our ability to provide quality simulation training.
 - Weekly training in the simulation trailer, followed every Thursday evening by case review and roundtable discussion with the Medical Director.
 - Inaugural offering of the Neonatal Resuscitation Provider program in conjunction with Providence Hospital.
 - Participated in the MSBSD joint tabletop exercise for school violence.
 - Participated in the Emergency Preparedness Day at the Menard Center.

October 2018

- Total calls were 831 compared to last year October’s count of 698.
- We filled the vacant Medic One position with M. Spatafore.
- We started 8 new on-call responders on internships: 3- EMT 2, 5- EMT 1.
We started a Paramedic on orientation. The paramedic is part of the army’s career skills program (CSP).
- Longtime employee Bill Macreth retired after 27 years.

Fire

- Experiencing an increase in carbon monoxide related calls and ruptured gas line calls.
- The Department received a donation of a house, approximately 2800 square feet to use for training purposes, including live fire training activities. All Borough Fire Departments have been invited to participate in the training.
- The recent NFPA 1403 Live Fire Training Class was a great opportunity to get eight of our responders certified to sponsor/manage live fire training activities.
- Two capital projects were completed: Station 5-1 added 18 additional paved parking spots. Station 6-4 completed fencing adding 6' high chain link fencing around the West, North, and East property lines and cedar post and rails to the front (South side) of the property.
- Two members certified under NFPA 1035 as Youth Fire-Setter Intervention Specialists.
- Participated in Senior Day at the Alaska State Fair by delivering information on "slips, trips, and falls" and other safety tips for Senior Citizens.
- WLFD/Horseshoe Lake FireWise will be participating in the upcoming Emergency Preparedness Expo where we will continue to educate residents on the issue of adequate house number signage. Last year FireWise distributed approximately 40 signs.

Water Rescue

- Total of 7 page-outs, with 3 coded green, and a 4th code green for a raft flip over at mp 185 of the parks.
- Search for the missing person on the Susitna River near Talkeetna with nothing found.
- Search of a vehicle in the water near Long Lake with no one found.

Emergency Management

- Assisted and supported handling of the Cyber Incident, to include a local and State disaster declaration.
- CERT class to the Palmer-Wasilla CERT Team, 10 individuals trained and the program revitalized.
- 2 Staff attended the Campus Emergencies, Prevention, Response and Recovery course hosted by LSU here in the Valley.
- 4 staff attended the Emergency Management Basic Academy in Anchorage hosted by the State and FEMA.
- Planning continues for Alaska Shield 2019.

Fleet Services

- All Regular Full Time Technicians in Fleet Maintenance are Emergency Vehicle Trained Certified.
- Aerial Training 9/10/2018 – Brent Page and Patrick Medbery will be attending.
- Preparing and taking inventory for winter tire season.
- Lost all data for vehicle history and mileage.
- August was a busy month with several Work Orders completed.

Community Development Department

Resource Management

Personal Use Firewood Areas (PUFA's): Four selected PUFA's are open and ready for purchase. Site selection for a new PUFA location in the Point MacKenzie area is in the works to open a new location after the first of January for the 2019 season. The 2018 Christmas Tree cutting area will be at Jim Creek again this year, preparations are in work to open it for Thanksgiving weekend.

Personal Use Gravel Areas (PUGA's): All PUGA's will be closed for the winter starting Monday Nov. 5th. Monitoring these sites for illegal mining, dumping of garbage, and other unauthorized activities is ongoing.

Commercial Timber Harvest: L&RM staff offered two large timber sales in the Fish Creek and Point MacKenzie NRMU. A competitive sealed bid process was used. We did not receive any bids. L&RMD plans to reoffer the two sales in an Over-the-Counter (OTC) offering in November. L&RMD staff continues to work with persons interested in timber sales within the Natural Resource Management Units (NRMU).

Salvage Sales: Six Timber Salvage Sales on Borough owned land along the Parks Highway North of Talkeetna Spur Road along the Parks Highway were available for competitive bid in September. The sales ranged in size from about 15-35 acres. The salvage sales were for the harvest of Spruce Bark Beetle damaged trees only. These sales will significantly reduce fuelwood along the Parks Highway Corridor. A competitive sealed bid process was used. We did not receive any bids. L&RMD plans to reoffer the salvage sales in an OTC offering in November.

Wetland Mitigation Banking: L&RMD staff continues to work through the potential impacts from mega projects going through the Borough. In October, the L&RMD presented the Assembly with mitigation program examples from other local government agencies pursuant to Assembly request.

Other LRM Projects: An application for the use of MSB land near Government Peak to install a Snow Telemetry Station was completed and a Cooperative Management Agreement for use of this land was issued to the USDA; A Right of Entry was issued to Grant Lake Corp. to recover a bulldozer from the end of Oilwell Road; monitoring of this process is ongoing; Investigations were made to determine access for a material extraction site north of Wolverine Lake. Staff worked with Knikahtna to place signage and monitor a joint trespass and illegal wood cutting area that exist on both tribal lands and Borough owned property near Hollywood Rd; Discussions with Alaska Department of Forestry (DOF) regarding several collaborative projects involving the MSB, DOF, and other interested parties for the removal of Spruce Bark Beetle damaged trees is ongoing.

Tax Foreclosure Activity

10 Year Plus Over-the-Counter Tax & LID Foreclosure Sale: The 10 Year Plus Over-the-Counter Tax & LID Foreclosure Sale opened on October 26, 2018. Purchase request will be accepted starting November 16, 2018 and the sale will close on December 14, 2018.

Abandoned/Hazardous/Junk & Trash Clerk's Deed Parcels: Land Management received bids from contractors to clean-up two abandoned clerk's deed parcels. The bids were awarded and clean-up should be completed by the end of November.

Clerk's Deed Parcels: 2012 Tax/ 2013 LID Clerk's Deed parcels – One of the parcels was repurchased by the former record owners in the month of October. 2013 Tax/ 2014 LID Clerk's Deed parcels – Three of the parcels were repurchased by the former record owners.

Land Management

Land Conveyances: Two additional Windsong Subdivision property owners completed steps to purchase borough-owned easement lots with conveyance of those borough lots. Five more owners are in active stages of completion with anticipated closing before year-end.

Land Management has initiated the process for National Park Service approval to transfer of Little Su Camp Ground to the City of Houston.

City of Palmer will forward legislation to their city council in November to terminate their leasehold interest of the France Road property in Palmer in exchange for conveyance of the Kopperud property purchased by the borough that lies adjacent to Mat River Park.

The 2018 Fall Over-the-Counter Land Sale is underway with 15 parcels being offered from Big Lake to north of Trapper Creek. Purchase requests will be accepted beginning November 16 with sale closing on December 14, 2018. Staff is preparing new parcels for review and approval to be included in the 2019 Spring Competitive Bid Land Sale.

Other Land Requests: Trapper Creek community well project is moving slowly forward. DEC grant has been awarded to cover construction costs and they are to go out to bid in the next few months for design of the facility. Several requirements still remain to include, determining a qualified third party affiliate to manage and maintain the project, and platting to separate the well site from the Trapper Creek Library parcel.

Asset Management

ADL Leases: Staff continues to monitor 15 ADL leases for annual payments and bi-annual tax payments. Finance and Land and Resource Management are working towards finding a more efficient way to manage the tracking of annual payments, invoicing and tax payments.

Agricultural Land Application: Several inquiries continue for ag rights property owners, real estate agents, and the general public. Two applications were received and processed for the conveyance of the owner(s) agricultural rights under former Title 13, where the Borough retain the development rights of each farm unit. One application was approved and the documents are at the title company for recording. The second application has completed the financial review and staff is waiting on the title report to process the Borough's documents.

Agricultural Advisory Board: The board met on October 17th and continued their work on the agriculture policy and procedure program. There is one opening on the board: 1) Knowledge

and/or experience in production of wool, qiviut, fiber, hair, feathers, etc. (Seat 6). Staff is working to seek an applicant to fill the seat.

FNBA Escrow and other accounts receivable: Monthly monitoring of 21 escrow accounts at FNBA. Continued monitoring of the monthly escrow accounts are ongoing.

Former Goose Creek Community Center: On October 29, 2018, staff sent the signed Notice of Environmental Contamination and Institutional Controls to ADEC staff for recording. This document releases the Borough from any further cleanup as the site as long as the institutional controls remain in place. On October 31, 2018, as directed by ADEC, Shannon and Wilson decommissioned the five monitoring wells and submitted their report to ADEC for staff to review and approve.

Trails/GIS

Trails: Staff performed the final inspection of the motorized trail built across the borough property north of fish lake. Installed a temporary bollard to block winter vehicle access to Carpenter Lake in accordance with the lake management plan and a request from the community.

The borough was awarded an \$100,000 grant from the Mat-Su Trail and Park Foundation for development of the Settlers Bay Coastal Park.

Staff worked with volunteers to construct a 300ft long wooden fence to block snow machine access into the non-motorized area of the Settlers Bay Coastal Park.

Reclaimed the Coyote Lake Recreation Area to abate public nuisances resulting from the vandalized pavilion and vault toilet.

Redistributed large rocks from the Coyote Lake Recreation Area to the Settlers Bay Park to help mitigate unauthorized motorized access in the non-motorized areas of the park.

Began collaborating with the Knik Tribe on documenting and interpreting the cultural and archaeological resources in the Settlers Bay Park.

Parks/Recreation

Division Manager: The Brett Ice Arena opened back up on September 10th after the compressor replacement. A ribbon cutting was held on September 27, to commemorate the opening. The Manager toured the Deshka Cabin and campground in preparation for the winter shut down. The Manager represented the Division at the annual Transportation Fair held at the Menard Center in Wasilla. The manager attended the Alaska Recreation and Parks Association annual conference in Fairbanks. He presented a seminar on the Borough's recent Recreation Bond. We interviewed for the Recreation and Library Services Administrative Assistant Position and a recommendation to hire was made.

Northern Region Parks: The last tour bus for the Talkeetna area left on September 15th, which caused activity to slow down in the areas we service. The warm weather and rainfall in August and late September was great for grass and flowers. We have been busy mowing the libraries, parks, and ski trails. The Sunshine Creek Trailhead had a great turnout for fishing this year. Staff shut down the Riverside campground down and power washed all the restrooms in the area. We used leaf blowers to remove leaves and organics off the hiking trails this year. That, combined with more drains and gravel, was a major improvement to those trails. Had a very productive Talkeetna Parks Advisory Committee (TPAC) meeting this month. They have a new president and a new board member that is an avid mountain/trails biker.

Mat-Su Parks: Staff leveled and compacted two loads of D-1 for access road onto the fields at Alcantra to allow 125 loads of screened topsoil to be placed on field number 3. The lake accesses were closed September 17th for the winter season and will reopen May 15, 2019. Mat River Park Campground closed for the season September 17th. The park is open for day use from 10am till dark until the snow flies. We removed gate and fence across public access between Anderson and Kings Lake's with Code Compliance and Project Management. A contractor will relocate the gate and install in correct location on homeowner's property. Staff leveled 125 loads of screened topsoil on Alcantra Soccer field number 3 this month. The computers are online and programs are still being loaded to our site as they are cleaned. We received 5,000 additional trailhead fee envelopes due to increased fall public use.

Mat-Su Trails: By September things are usually starting to slow down a little for the Trail Crew, however this year things were still going full speed! Many things were accomplished despite only having a skeleton crew. The Crew continued to build the new Matanuska River Trail and was able to get to a good stopping point for this season. Signage will be installed this fall and work will continue on the trail next summer. Many people have already commented on how much they like the newly completed section of this trail. The Trails Specialist worked with the Alaska Trail Stewards program to plan and facilitate a volunteer work day on September 8th on the Lazy Moose Trail. 7 people worked on the trail re-establishing eroded tread and closing social trails that cut through the switchbacks. There is another volunteer day scheduled for October 6th and many people have already signed up to help. The remainder of the Trail Crew continued to work for the first two weeks of the month but then it was time for them to move on and for the Trails Section to transition to a Crew of one. Before they left, the Trail Crew built crib steps and traditional steps at Anderson and Kings Lakes to provide access to the lakes using legal easements. The Crew also worked with the Valley Mountain Bikers and Hikers Association to move gravel down the Moose Trails at Crevasse Moraine and stockpile it for trail repairs next spring.

Mat-Su Pools Report: We have hired three more on call staff to match up with our facility/program needs. The pool is open 17 hours each weekday and on weekends. We are in the Fall season with high school swimming and diving. The scheduling for the needs of all the different pool user groups was challenging. The results are going well providing pool space and time for all. There are several opportunities daily for lap swimming. The one program reduced the most is the open swim, which is now being held on the weekends only. We are in the final week of high school swimming and diving. The new schedule for Winter/ Spring will begin the week of November 12th. The 6th annual Spooky Swim on October 27th went well with around 100 participants.

Brett Memorial Ice Arena: September was a very busy and exciting month for the ice arena. The renovations on the ice refrigeration were completed in late August and the arena staff moved back into the ice arena to begin installing the new ice sheet the first week in September. The staff work diligently to have the ice arena ready for its much anticipated re-open date on Monday, September 10th. Registration for our adult hockey league began this month and it appears we will again have teams in 3 divisions: Novice, Bronze and Intermediate. Our adult public hockey sessions have been filling up each night as our players try to get back in shape after a long summer off the ice. As the month of September drew to a close we had a ribbon cutting ceremony to commemorate the completion of the renovations and re-opening of the ice arena. The month of October was filled with activity at the ice arena as all of our skating programs ramped up into top gear.

Talkeetna Library: New this fall was the Sewing Circle, who is making Orphan Quilts, and the Civil Air Patrol presentation. Both of these activities were well attended. Absentee-in-person voting was held for the Primary, the Mat Su Borough and Community Council elections. Community meetings and activities took place; Community Council general and committee meetings, Friends of the Talkeetna Library, the Road Service, Water and Sewer, Talkeetna Cemetery Boards, Cemetery Board, Upper Susitna Soil & Water Conservation Board, and the Denali Arts Councils all held meetings in the large conference room. The smaller “tutor” room was busy as well, with 8 exams proctored and 27 individuals receiving academic tutoring. In addition, classes and informational meetings were held on Alzheimer’s Disease, Medicare, Social Security, ROCK MatSu, Talkeetna Chamber of Commerce, and the Girl Scouts. There were two all-day events put on by the Sunshine Community Health Center and the Alaska Art Educators Association. Teens and Tweens held Book to Movie series, and the Breakfast Book Club met.

Willow Library: Mystery book club and Storytime started up again for the fall. The Rasmussen Foundation did a site visit. They are interested in funding part of our building project once we get closer to full funding. Fall groups, classes and meetings are up and going again.

Sutton Library: September saw a back to school focus with the start of our Afterschool Program celebrating fall. We resumed weekly visits to elementary classrooms and monthly visits to CCS classrooms. We had a blast participating in Camp Read a Lot at Sutton Elementary School at the invitation of principal Emily Austin. Book Club started back up in September, with more adult focused events to start in the following month, as fall weather gives way to winter. Our Community Concert this month was La Dee Da from California. We have a new employee. Joy Matthias was hired to fill the Library Aide position and we are excited to have her onboard. Our library hosted the Mat-Su Library Board meeting this month and it was a pleasure to get acquainted with everyone. We will be on lookout for the right person to fill Sutton’s empty seat on this board. The Community Concert Series had its final concert of season with a great band from Portland, Syran, whose members grew up locally. It was a fun night and all look forward to the return of this series in February.

Big Lake Library: Our kid’s programs have started up again. The STEAM kids explored geometry by making flexangle spinners! The Big Lake Teens started their program off with a pizza party. Everyone loves pizza! They planned for the coming year as far as what they would like to do. They also decided to have a teen movie day. Their first one will be held September 28th and they’ll be watching Ready Player One. Two new programs were added. We started a movie day on Saturday from 2-4 pm. This month we viewed Coco. Even though we were competing with PFD weekend, we had a good turn-out

Trapper Creek Library: After school at the Library has resumed on Wednesdays. Arts and crafts, learning games and various other activities were utilized to entertain as well as educate the children who participate. Preschool Reading themes for the month included squirrels, Doctor’s, pirates, and the tale of Johnny Appleseed. Students artwork included their interpretations of stethoscopes, headlamps, eyepatches and even wearable pirate hooks. Emphasis is on preschool age children but we accommodate those home school families with older children also with age appropriate activities for everyone.

Capital Projects Department

Project Management Division

Central FSA Fire Station/Training Complex 6-2 (\$13M): This project includes a combined fire station, training center, and warehouse totaling approximately 40,000 square feet and will be constructed at the existing 6-2 location on Knik Goose Bay Road. Project delivery is through a Construction Manager/General Contract (CM/GC) with F-E Contracting. Construction started this spring and is on schedule for occupancy summer 2019.



Above: Station 6-2 Construction in progress

Willow and Talkeetna ES Ice Rink Improvements (\$1.5M): This project has constructed open air roofs at both Willow and Talkeetna Elementary Schools. Construction started in May and is nearing completion.



Above Left: Willow Ice Rink



Above Right: Talkeetna Ice Rink

Palmer High School Locker Replacement (\$500K): This project replaced 100% of the lockers in the school. Lockers were installed over the summer and was complete prior to school start.

Susitna Valley High School Siding Replacement: This project will replace the siding on the exterior of the school. A contract is in place and construction will start summer 2019.

Willow PSB 12-1 Addition Phase I: A solicitation for design services to design a 3,900 square foot addition that includes vehicle bays, a training room, office space and sleeping quarters was advertised with several proposals received. Design contract is in place with design at 65% completion.

Palmer & Wasilla Pool Improvements (\$12.9M): This project will significantly upgrade Palmer and Wasilla Pools. Both pools are approximately thirty years old and are in need of major improvements. The lead designer is Architects Alaska. During the design process two public meetings were held to solicit public input. Orion Construction is the General Contractor for the Wasilla Pool. Mechanical and electrical rough in is complete and construction of the addition to the pool is underway with the exterior envelope nearing completion.



Right: Wasilla Building Exterior

Brett Memorial Ice Arena Improvements (\$3.7M): This project provided major improvements to the Brett Memorial Ice Arena which is approximately thirty years old. The architect is Burkhart Croft and the general contractor is F-E Contracting. The project is substantially complete and opened to the public on September 10th.



Right: Staff painting the Ice



Site Work at Station 11-9

New EMS Station 11-9 (\$1.4M): In response to the growing population and tourism in the northern region of the Mat-Su Borough, the demand for paramedic emergency medical services support has increased significantly. In an effort to meet the needs of EMS Staff, facilitate quicker response times and better serve the growing population in the northern region, a new building is needed. The project will design and build a new single story, two bay, EMS Station adjacent to Station 11-2 on Borough owned property. The general contractor is Diversified Construction with construction under way.

Districtwide HVAC Upgrades Design and Construction: HVAC upgrades have been completed at ten schools included in this bond. Work was completed this summer installing five new heat exchangers at Colony Middle School improving efficiencies and reducing maintenance costs. A final project is anticipated to replace the original boilers in Snowshoe and Tanaina Elementary Schools lowering operational costs at both locations once approved by the Department of Education.

Districtwide Energy Upgrades Design and Construction: This project upgraded LED lighting systems and installed new windows at multiple schools. New windows were installed in all classrooms at Snowshoe, Pioneer Peak and Cottonwood Elementary Schools this summer. This will help in reducing heating costs as the new windows are far more thermally efficient than the original windows.

Parks and Recreation Maintenance Shop, Design-Build: This project constructed a new 8,000 SF maintenance shop located at the access to Jim Creek and the Knik River Public Use Area, replacing the existing deteriorating facility. Construction began fall of 2017 and is now substantially complete and in warranty phase.

Communication Towers: Department of Emergency Services have requested 2 - 120' PiRod U Series Communication Towers for Emergency Responder Radio and future communication upgrades. Tower locations at Station 3-2 and Station 12-2. Currently developing Scope of Work and General Condition for ITB. Projected Cost Estimated \$325,000 and is expected to be completed by end of June 2019.



Right: Communication tower

Pre-Design and Engineering Division

Port MacKenzie Rail Extension (PMRE) Segments 2: Construction of the rail embankment, ballast, ties and rail will move forward when funding is available. ROW activity on the rest of the 32-mile project continues with title and monumentation work. Security measures have been implemented and are being monitored to address trespass on the rail embankment.

Reddane Avenue Extension (Port Mackenzie Rail Extension): Contract award to Jim Psenak Construction for \$626,413.60. Clearing was completed on 5/9/18 with construction progressing. Project to be complete by 8/15/18. Unforeseen unusable material was found in three places delaying this project along with the rain in August. Final substantial walk through was performed 10/25 to accept the road for winter maintenance. Punch list for a few areas where the topsoil was too saturated to get back on it with equipment now will be mulched and properly fixed next spring and seeded until permanent stabilization has occurred.

W. Susitna Parkway Spot Improvements: The purpose of this project is to repair slopes that have drainage and other safety issues. The construction project was awarded to Jolt Construction for \$437,492. Work continues with estimated completion around mid-July. Project was complete at the end of July.

W. Susitna Parkway Turn Lanes @ Jade Ln & S Burma Rd: The purpose of this project is to add left turn lanes and improve safety sight distance. The construction project has been awarded to Tutka LLC. Work has begun with contract completion in September 2018. Utility delays with relocation with MTA pushed this project into completion at end of October just in those areas. Rest of the project was substantially complete at the end of August.

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 is out for bid currently with low bids to be read on 11/14/18. The construction project will be constructed in the spring of 2019.

Willow Park Improvements Phase II: Steppers Construction, Inc. has started construction on the picnic pavilion overlooking the lake. Electrical service will be extended to the pavilion and near the parking lot for future use. Construction was substantially complete by end of August. Electrical hook up by MEA was complete end of September.

Fish Lake Parking: Completion of this project was at the end of August.

Larry Trails System: Larry, Darlene, Alice and Mabel Trails low bid award to Valley General Construction for \$339,888.60. Utilities MEA relocation cost \$70,000, Enstar is \$105,565.96, MTA \$157,678. Construction is substantially complete as of 10/26/18 and contract completion is anticipated in Summer of 2019 with grass stabilization.

Beaver Lake Road at Meadow Creek Bridge Rail: The installation of bridge rail was recently completed by Northwest Barriers. The rail system consisted of concrete ‘jersey’ barriers and metal guard rail. This project addressed a safety issue at a previously upgraded fish passage culvert.

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 City of Houston, City of Wasilla and Meadow Lakes Community Council were received.

The ten projects consist of:

- 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
- Aspen Ridge Road Extension to Palmer Fishhook Road
- Cheri Lake Drive/Karen Drive/King Arthur Drive Corridor Improvements
- Trunk Road Extension South Phase III
- Tex-Al Drive Upgrade and Extension
- Seldon Road Extension Phase II
- Trunk Road Connector/Katherine Drive
- Smith Road Upgrade

Wastewater & Septage: Contracts for the initial phase of the project are in place and the design process began in July. The Preliminary Engineering Report is now complete and recommends a filtration system for leachate. Septage treatment by anaerobic digestion is being considered in conjunction with organic solid waste from the landfill. The Wastewater & Septage Advisory Board last met at 2 p.m. on October 24th in the Assembly Chambers. The next meeting is scheduled for January 10th at 2 p.m. in the Assembly Chambers.

Moose Meadows Bridge Armoring: A design contract has been awarded to HDL Engineers for the hydraulic studies and armoring design. Design work is complete, ROW is in hand and a construction contract has been awarded to Western Construction. Work was completed in summer of 2018.

Nelson Road Bridge: The design for a new bridge across Wasilla Creek is near completion. Funding for construction has not been identified.

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

Port MacKenzie Dock Repair: A construction contract was awarded to Orion Marine and work is underway. Work on the south cell repair is complete and now moving onto the north cell.

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

Plumley-Maud Trail: The Boutet Company completed design of trail improvements. The construction contract was awarded to Dirtworks, Inc. Construction was completed the end of September.

Big Lake Trail Bridges: A design-build contract for two bridges has been awarded to Diversified Contractors. Site investigations and bridge design is in progress.

Lake Louise Boat Launch and Parking Improvements: A Site visit was conducted in fall 2016, and a concept developed for a community meeting in July. Consultants have completed the design, survey, and the project construction low bid was from Western Construction. Permitting through DNR is complete. Reconstruction of the boat launch was expected to occur in summer 2018, but has been postponed due to high lake levels.

Wasilla Creek Drainage Analysis: This is a new grant opportunity from the state of Alaska Department of Environmental Conservation, who has offered a \$50k grant 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 field work is underway.

Shaman Drive Fish Passage: USFWS has completed the design of this replacement culvert in the Caswell Lakes area. Utility coordination and ROW acquisition is also complete. The construction contract was awarded to Western Construction and the project is 75% complete.

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 contract has been awarded to Southcentral Construction and construction has begun. Leachate lagoon and bottom liner installation is in progress, along with a new high voltage power line.

Planning and Land Use Department

Development Services (Code Compliance, Current Planning & Permitting)

Permit Center: The Permit Center has regained all systems and data except for credit card and eCommerce. The driveway app came back without loss of data as did Govern. A huge shout-out to IT for helping us stay in operation throughout the Cyber Attack.

2018 has been a busy year with 1200 Right-Of-Way permits taken in and processed plus 1556 inspections were performed. This reflects a huge jump in productivity due to process improvements. Similar improvements are scheduled for 2019 to elevate our efficiency even further.

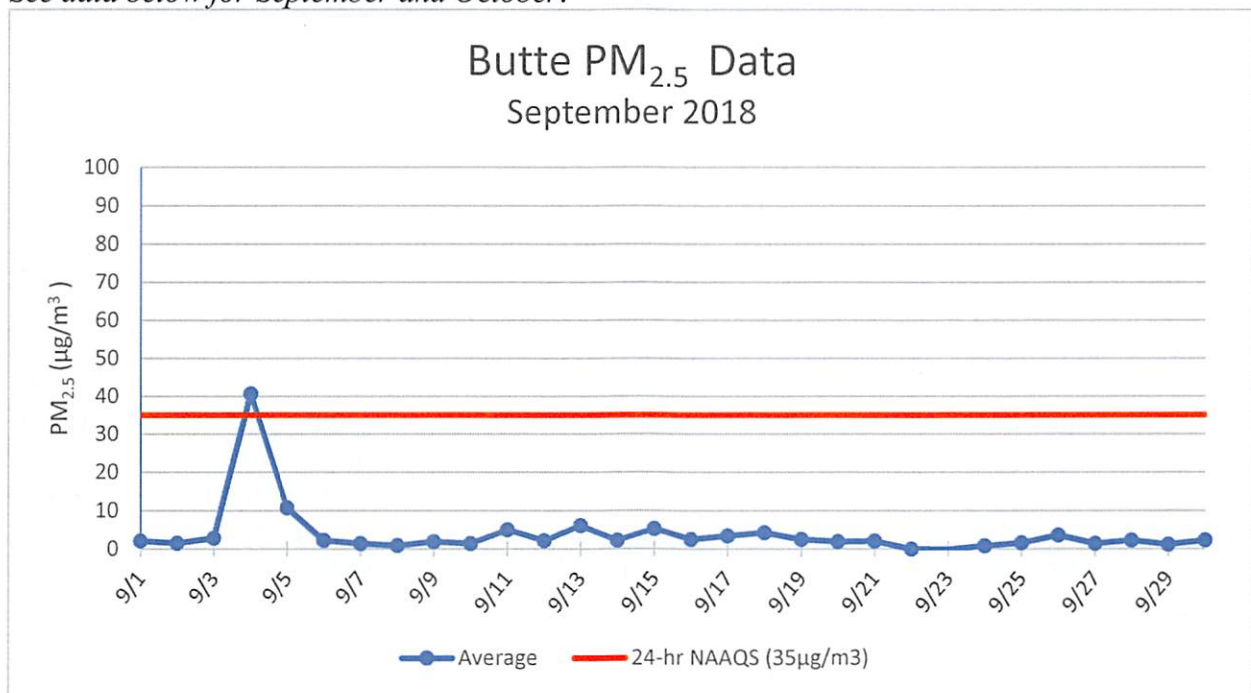
Code Compliance Cases: As of October 1, 2018, Code Compliance has 699 open cases. Of these, 342 are general complaints and 357 are junk and trash complaints. Between October 1 and October 31, 2018 – 5 cases were closed.

Current Planning: Applications being processed include the following: four (4) Marijuana Retail Conditional Use Permits, six (6) Marijuana Cultivation Conditional Use Permits, one (1) Junkyard Conditional Use Permit, nine (9) Legal Nonconforming Determinations for a Structure, two (2) Earth Material Extraction Administrative Permits, one (1) variance to the setback standards, one (1) Tall Structure Conditional Use Permit, and one (1) Special Event Permit.

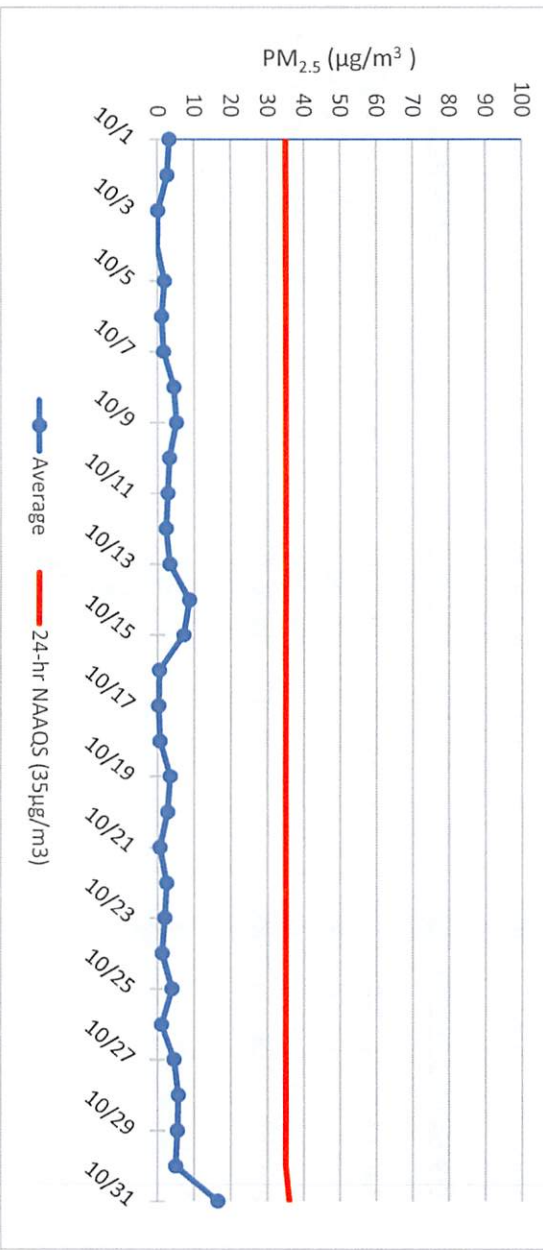
Planning Division (Environmental, Comprehensive & Transportation Planning)

Air Quality: The Mat-Su Borough received notification from DEC that the Butte air quality monitor recorded a 24hr PM_{2.5} value of 40.5 ug/m³ which exceeds the national standard of 35 ug/m³ - this is uncharacteristic for early Fall. The violation was due to slash burning near the monitor. This violation was our first and only so far for calendar year 2018.

See data below for September and October:



Butte PM_{2.5} Data October 2018



Fish and Wildlife Commission: The FWC began its regular meetings in September, held the third Thursday of each month, and is focusing efforts on the Governor’s Cook Inlet Salmon Task Force, and the North Pacific Fisheries Management Council’s Salmon Stakeholder Group aimed at giving input on updates to the Federal Salmon Management Plan. Staff has also been working with IT to update and increase the usability of various web pages related to the FWC. This includes adding search tags to make finding these pages easier, adding images and redesigning the format to create greater interest in the content, and adding web pages that explain the work the FWC and the Borough are doing regarding salmon habitat and research. Finally, on October 16 we sent Ted Eischeid, who assists with the FWC, to Anchorage for a Board of Fish meeting so he could learn about the structure and dynamics of this important body as they received a technical report on the impacts of hatchery salmon on wild stocks and took action on related items.

Capital Improvement Program (CIP): The Capital Improvement Program (CIP) process is well underway. The draft CIP document will be ready for Assembly review by December 15.

EPA Brownfield Grant Update: The Quarterly Progress Report has been submitted and approved to the EPA. We are currently completing phase I site assessment and pursuing eligibilities on two other parcels with the EPA. We are working with the Eklutna and Chickaloon tribe to utilize grant money to help them with some brownfield issues. We have scheduled the first meeting for the Wasilla area wide planning project. This meeting will be on November 8, and will bring together various stakeholders in Wasilla to look at utilizing/developing the property where the Wasilla Train Depot is planned to be moved for the AKDOT&PF couplet project.

Airport Overlay Districts: GIS staff is working to incorporate the approved airport overlay district into borough data layers.

Coordinated Human Services Transportation Plan: The Planning Commission recommended the plan to the Assembly, for public hearing November 27. Planning is working with the Mat-Su

Health Foundation, transit providers, and human service organizations to centralize dispatch and implement other key strategies outlined in the plan.

Public Works Department

Operations and Maintenance

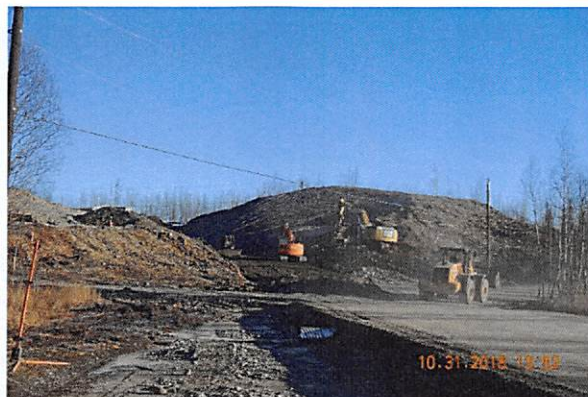
Alma Dr., RSA 27

- Alma Dr. road improvements were completed in September. The topography in the area presented challenges for the design team and construction crews to work through, but the project turned out and the neighborhood was pleased with the outcome. On this particular project, public outreach and coordination was key. The contractor did a good job by maintaining good communication with residents during the work. The roads in the neighborhood are scheduled to be paved next season.



Ryan's Creek Dr. & Lazy Lake Rd., RSA 21

- The project has taken shape. The new alignment is open to traffic, and provides a safer route to the large neighborhood beyond. The project will be finished first thing next spring.



Foothills Blvd., RSA's 17 & 27

- Foothills Blvd. improvements were completed, and the road was taken over for maintenance from Northern Rose Dr. to Paddy Pl. Previously the road here was not certified for maintenance but traffic still utilized the route to move between Knik Goose Bay Rd. and the Parks Hwy. The old route was immensely underbuilt and unsafe, with steep, blind, one-lane sections. The project laid back slopes, moved and added fill, and provided safe access through the area. This section was topped with Recycled Asphalt which will be used as a base course when the road is paved next season.



Lower Mesa Dr., Audie St., Lea St., RSA 9

- Improvements and paving on these roads was completed in September. The challenges in this neighborhood included flat terrain that caused a lack of drainage, a large utility relocation scope, and multiple commercial businesses that access these roads. To solve these challenges, the project utilized rock lined retention ditches, provided adequate planning and support for utility relocates, designed appropriate tie-ins, and kept communication lines open with business owners during the work.



Solid Waste Division

Customers and Tonnages: 73,341 customers have used the Solid Waste System this fiscal year (FY). Approximately 21,897 customers used the Central Landfill (CLF) in Sep and Oct for a FY total of 44,630. Approximately 13,903 customers used the Transfer Station system in Sep and Oct for a FY total of 28,151 customers. Finally, approximately 287 customers used the Hazardous Waste Reuse Program and Remote Transfer Sites in Sep and Oct for a FY total of 560 customers.

Central Landfill accepted 13,121.87 tons of waste in Sep and Oct for a FY total of 27,375.74 tons of Municipal Solid Waste (MSW), Construction and Demolition (C&D) material, Brush or Grass, Scrap Metal, Asbestos and Medical Waste. The tonnage numbers include the tonnage hauled to the CLF from the Transfer Stations and Remote Sites, which required 218 trips in Sep and Oct for a FY total of 456 trips.

Revenues: The division has generated approximately \$3,472,874.30 in total FY19 revenues, which includes other sources of income such as area-wide reimbursements for the coupon and community cleanup programs and gravel, scrap metal, battery and oil sales.

Central Landfill Operations:

Cell 4: The Cell Four construction project including the two new leachate lagoons has undergone the initial substantial completion inspection. There are several issues which will be addressed next spring to complete the project.

New C&D Cell Excavation and Gravel Sales: The C&D cell gravel extraction program is in full swing and will close up for this year mid-November. An additional three years of gravel extraction remain on the contract.

Environmental Operations:

Central Landfill: The new 250,000-gallon leachate storage lagoons are operational. Anchorage Waste Water and Utility (AWWU) issued a permit variance to MSB to allow for increased hauling of leachate to the AWWU treatment facility during the construction operation due to our limited storage capability until the lagoons came on line.

Smith Ballfields: Due to data collection method changes over the years, the MSB has requested to omit data collected with two older methods that are obsolete. Inclusion of the methods skew the data negatively and do not represent a true picture of the actual constituent levels found in our water monitoring program. The program is currently awaiting a response to the request from ADEC.

Programs:

Recycling: VCRS sold & shipped 136.40 tons of recovered resources (recyclables) to local businesses this FY, and 421 tons were sold and shipped out of state. VCRS currently has 866.70 tons of recovered resources in inventory as of October 31. 5,471 customers (resident and business) used the VCRS drive thru drop off for Sep and Oct for a FY total of 11,041 recycling customers.

1,197 Transfer Station customers dropped off 21.39 tons of recyclable materials in Sep and Oct for a FY total of 2,421 Transfer Station recycling customers and 48.69 tons of recyclable material diverted from the CLF. This required 11 hauls in Sep and Oct for a total of 19 recycling can hauls

to VCRS this FY through the recycling partnership containers. The containers construction was paid for by the communities and are hauled by the Solid Waste Division.

Illegal Dump Sites: 17 dump sites were cleaned up by the Community Cleanup Coordinator in Sep and Oct which brought three point four four (3.44) tons of waste to the CLF and four (4) cubic yards of waste taken to a Transfer Station. A total of 23 dump sites have been cleaned up so far this FY.

Community Cleanups: Four (4) Community Cleanups have taken place so far this FY which brought 0.58 tons of waste to the CLF.

Abandoned Vehicles: 17 abandoned vehicles were tagged in Sep and Oct and 5 were towed making the FY total 27 tagged and nine (9) towed. The total FY towing cost of \$225.00 does not include Sep and Oct tows due to non-receipt of invoicing by the tow companies.

Composting: There were four (4) composting classes offered free to MSB residents during Sep and Oct for a total of 5 classes this FY. The compost instructor reports that 21 MSB residents attended the free classes in Sep and Oct bringing the FY total number of class attendees to 31. Two (2) more classes are scheduled for November and then the program will be on hiatus until the Spring.



Information Technology Department

July 2018 Cyber Attack: On July 24, 2018 the Matanuska Susitna Borough was a victim of a Malware attack that affected most of its systems. The external website was not affected. The recovery effort has been divided into the following six focus areas as described below.

Computers/Printers/Phones: All computers, printers, phones and one-off devices were gathered for reformatting and re-loading. Data on each desktop computer was captured for further use, evidence and scanning. Over 700 machines were involved. All user computers have been cleaned and returned. EOC, ambulance and other computers continue to be located and scanned. All printers are being scanned and flashed to ensure no viruses are resident before they are returned to the network. All phones were cleared in August and reattached to a clean phone network.

Infrastructure: The nature of the attack required that all devices be removed from the network, scanned and rebuilt using enhanced security standards, software and practices. This includes servers, drives, backup devices, etc. As of the end of October, a basic server infrastructure was rebuilt allowing applications and drives to be reinstalled and deployed. Configuration and hardening of this secure environment will continue through the remainder of the fiscal year. This is a *major* reconstruction of our foundation. This is all behind the scenes work that will give us a much better security and recovery posture going forward. These types of project usually happen over two or three years.

Networking: The nature of the attack required that the network be cleared of all activity, scanned and reconfigured. An initial workgroup was developed to allow single user operation. Since that time, the network and devices (switches, routers, etc.) have been scanned and the new “clean” network has been deployed. Access is extremely controlled and is granted only on an as-needed basis. This is also part of the new foundation.

Data Recovery: After the attack all data is considered suspect and had to be scanned for viruses. The data from all the major drives (S:, H: and L:, etc.) has been scanned and re-provisioned for use. Current and clean data to support Govern and LOGOS has been moved to their permanent locations. GIS data has been scanned and loaded for access to applications. All removable media (thumb drives, etc.) received have been scanned and corrupted data is being removed. A process for the on-going scanning of removable drives has been developed.

eMail Recovery: Most directors and managers email was lost in the Cyber Attack. The email for most other users has been recovered, scanned and loaded into their accounts. Loading of especially large accounts is awaiting additional server space.

Applications: The Borough has over 150 computer applications and drives that support its operations. As of this writing, approximately 90% are online and have been moved to their permanent locations. All priority applications such as TRIM, LOGOS, WasteWorks and Govern were restored in August and September.

Communications: Communications were initially managed by the PIO within the Incident Command System (ICS) structure. Beginning in October, weekly reports were provided by the CIO. Ad hoc briefings to the Assembly and other stakeholders continue to be provided by the CIO on an as-needed basis.

Alaska Smart Community

Smart Community:

- Next meeting, Nov 13, 2018 in the Borough Assembly Chambers. 8AM to 1 PM. There is discussion of adding an afternoon session specifically for Cyber Security.
- Agenda includes:
 - Mobile Data Synced to GIS – AK Railroad
 - The Science of Where - ESRI
 - Partnerships that help the Public – MSB & MSBSD

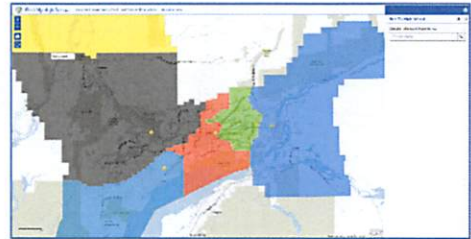
Other Smart Community activity related to the Cyber Attack included an IT leaders briefing with the FBI, a discussion at the Alaska chapter of the local Project Management Institute (PMIAK), on managing major incident response and adding security to IT projects, and a Dell Corporation-sponsored IT security and recovery event for local IT leaders, a cyber security briefings to the Municipality of Anchorage IT department, Alaska Records Management Association (ARMA), the Alaska Geospatial Council (AGC), and the Alaska CIO Council. Briefings schedule for the Alaska Municipal League (AML) meeting in Anchorage, Nov 12th through the 15th include many Alaskan Associations: Assessors, Legal, Clerks, Finance, and Leadership.

Find My School:

This is a project that incorporates all 4 of the IT department 4 Strategic Goals

Find My High School, Middle School & Elementary School: <https://msb.maps.arcgis.com>

This and other GIS-related services were temporarily relocated to a Cloud-based service during the recovery. The GIS systems have now been rebuilt and onsite delivery of these services is in place.



Systems Improvements Projects

Project Plastic [Financial Systems Enhancements, eCommerce, and Point of Sales (POS)]:

- The Point of Sale system was restored at all key locations (Collections, Pools, Brett, etc.) in early October. New and more graphical devices were acquired as the old terminals would not function in the new environment. The added functionality of these machines allowed us provide more products in our point of sale system.
- The Campground, Pavilions, and Ballfields rental and scheduling project was staffed and work will begin just after the 1st of the year.
- All eCommerce data for Swim Lessons, Parking Passes and Business Licenses was recovered and restoral activities began. All eCommerce functionality with the exception of Driveway permits will be restored by the 1st week of November.

SharePoint Management, Process Improvement: This is the Borough's new Enterprise tool for the Borough Intranet, collaboration and system integration. This system supports the Intranet with collaboration, Portfolio & Project Management, Process Improvement, Strategic Planning and Training (4Ps), Records Management, Project Plastic (eCommerce), financial transparency, etc.

- SharePoint fully survived the attack and all data was recovered as part of the Cyber Attack Recovery effort.
- The Intranet, the Project Management Site and most departmental sites were restored, tested and deployed in October. The remaining 4Ps sites will be restored in November.
- Regular Project Status Meetings and taskings for the 4Ps Project resumed in early November.

Windows 10 Upgrade: The Windows 10 Upgrade project was successfully completed as part of the Cyber Attack Recovery.

Govern Tax Billing and Upgrade: This is the Borough's main source of revenue. We hired a PM/BA to understand and document our current process and assist in writing a SOW to have the processes improved. The initial Project Team meeting occurred on August 21, 2017.

- Tax Billing was completed with over 78,000 parcels billed
- The project will continue to improve all processes that use Govern as their system of record, this includes Certification, LIDs, Bed Tax, Foreclosures, Permitting, Platting, Tax Sale and more. As part of the documenting and improving each of these processes, we will be updating the system, Govern 10.8, to the latest version, Open Forms 6.1
- Processes documented and improved so far include Foreclosures, Bed Taxes and Marijuana Sales Taxes, Talkeetna Water & Sewer Billing, LIDs and Self-Reported Taxes. Work continued documenting Tax Sales and Collections.

- 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 Service and Capital Projects, as well.
- Procurement of consulting services from Harris to guide the project has been completed with the issuance of a PO on February 21, 2018.
- An Analyst/Programmer to augment existing staff during the project has been contracted and began work on the project.
- A Business Analyst has been engaged to document and improve the Collections and Delinquent Tax Billing processes.
- Govern data before the Cyber Attack has been recovered and the system has been restored. The exception is the viewing layer and the reports which were lost. The reports are being re-created. The Project Team resumed weekly meetings in October.

GIS Division

Application Improvements Related to Cyber Attack Recovery:

- **ArcMap (Desktop GIS)** - Upgraded to version 10.6 from the previous 10.2 version prior to the cyber-attack. This upgrade provides improved tools and functionality to users.
- **GIS Database** - The GIS staff moved to an enterprise data model with improved editing capabilities and eliminating the need to copy data to various locations. The staff plans to start moving away from having users connect to legacy shapefile formats but rather use web services for their mapping needs. This also allows for efficiencies in data maintenance now that the core enterprise data is all located in one database.
- **ArcGIS Enterprise (Map Portal)** - Upgraded to version 10.6.1 from the previous 10.5.1 version prior to the cyber-attack. This offers the most current technology to create, publish, collaborate and support online web mapping applications for both internal and external users.
- **Parcel Viewer** - Upgraded from prior to the cyber-attack to the most current technology available, providing improved tools for handling basemaps and other enhanced functions.

Web Maps, Apps, and Data: Web maps and apps provide simple access to information and tools, so that citizens can better understand their community and Borough employees can easily share data and processes with other organizations.

- **Mat-Su Problem Reporter** - A mobile web app allowing citizens to report problems to the Borough. Initial focus has been to allow Borough staff to coordinate reporting of abandoned vehicles and improper dump sites. The Solid Waste team has also been using the application internally to input complaints from the public. GIS continues to work integrating additional departments in working with the app. Ultimately this app will allow MSB citizens to easily report problems such as illegally dumped trash or abandoned vehicles from their mobile devices.
- **Driveway Permit Applications and ROW Inspections** - Prior to the cyber-attack the applications supported a full paperless workflow allowing applicants to apply and submit the fee online. Currently we have rebuilt the apps allowing internal data entry and mobile

ROW Inspection data collection. However we are still working to bring back the full online application and fee submission for external users.

- **Transportation Portal** – A series of web apps showing the various road and other capital projects planned and under construction around the Borough and Public Works is now complete. Was demoed and made available to the public at the Mat-Su Borough Transportation fair. You can view the application here:
 - O&M:
<https://msb.maps.arcgis.com/apps/webappviewer/index.html?id=e172dad43e5046cca8443b0796c83211>
 - Capital Projects:
<https://msb.maps.arcgis.com/apps/webappviewer/index.html?id=dbd46f12631c4fb7bf3513bb8b29fb92>
- **Land Sales** - The next Land Sales is now available to review property that will be offered in an over the counter sale starting on Oct 26th. You can view the properties from the web application here:
<https://maps.matsugov.us/portal/apps/webappviewer/index.html?id=611edfb8752543cfb582ef2fead35cc9>
- **Personal Use Areas** - This project is now complete. This new viewer will showcase the Personal Use Areas in the Borough. This will make it easier for the public to see what is available in Personal Use Areas for firewood and gravel. This directly supports the Land Management Division eCommerce webpage. From Jan 31st to March 1st there have been over 168 views with average views per day of 5.
<https://ecommerce.matsugov.us/Pages/CD/PersonalUse/AreaList.aspx> "Broad Area Map"
- **2018 Road Bond Package** - A Story Map that talks about the Bond Projects and contains a web map detailing their locations is available for the public to view.
<https://msb.maps.arcgis.com/apps/Cascade/index.html?appid=519bc78845de47ba9e771e7ed5afaa8f>

Recurring Imagery and Topographic Acquisition Program: Imagery is a critical tool for making well-informed decisions and reducing field work for Borough citizens and staff. It supports government services as well as commercial and private endeavors. The Borough GIS team is developing an imagery program that includes a repeatable process, a clear understanding of customers' needs, identification of consistent funding and cost savings measures, an understanding of available technologies, and a clear implementation plan.

- Internal Interviews - Interviews were conducted with all interested departments in June to determine priority needs for updated aerial imagery and LiDAR data.
- A three year collection plan was developed based on that feedback.
- The MSB was selected for a US Fish and Wildlife Service (USFWS) award of \$40,000 to support the MSB Recurring Imagery and Elevation Data Program. The Mat-Su Basin Salmon Habitat Partnership was responsible for selecting the MSB for the award and the USFWS is providing the funding. This funding will be used to help secure new aerial imagery in 2019.
- A proposal was submitted to the USGS 3D Elevation Program (3DEP) in early November for updated LiDAR data for 1,080 sq/mi of the MSB. If the proposal is accepted, the USGS would cover up to 1/2 of the collection and data processing costs for LiDAR and digital elevation models (DEM's).
- Borough staff are also working on a request for updated 1/2-ft and 1-ft aerial imagery for 1,080 sq/mi of the MSB through the USGS Geospatial Product and Service Contracts (GPSC).

- Borough staff have been gathering information about satellite data availability, both existing public domain data and what is available for purchase, to cover remote areas in the MSB.

LUCA (2020 Census Local Update of Census Addresses Operation): The 2020 census count is critical for federal funding and programs. This is especially true with the Borough potentially exceeding the 100,000 population milestone this census. The Census Bureau relies on a complete and accurate address list to reach every living quarters and associated population for inclusion in the census. July submittal of Census Address File with MSB corrections is being reviewed by Census Team.

Cyber Security: The Borough Cyber Security Portfolio item is being put together that includes a number of enhancements. These enhancements would have been projects in the coming years, and many are being started early.

- **Firewalls:** Our external firewall have been improved with additional monitoring software. Internal Firewalls have been added to separate servers from users and users from user in other areas. Firewall functionality has been added to internal servers and workstation. This concept is known as a Zero Trust Model and helps prevent the spread of malware if and when it gets into a network.
- **E-Mail:** An external web filter has been employed that has more functionality than our old internal web filter. It not only blocks Spam and scans for and removes malware, but it has better malware scanning, and it also verifies hyperlinks in emails before they are sent to the end user. Additionally, we have added an internal 'sandbox'. This sandbox takes email attachments and opens them in a very controlled environment and looks for malicious behavior. This will help prevent more sophisticated phishing attacks from reaching the end users.
- **Network Access Control:** We are in the process of evaluating and choosing software that will ensure only authorized devices attach to our network internally.
- **Logging, monitoring and Alerting:** We are improving the centralized logging and adding sophisticated and automated software that will analyze log activity and alerts IT staff when suspicious events occur.
- **Policies:** We are rewriting and implementing new policies that will guide behavior of users and IT professionals.
- **Training:** Will be developing and more robust users and IT professional, security training program.
- There are many more Cyber Security enhancements that the IT team are 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.

Revenue & Expenditure Summary

Report Date as of October 31, 2018

	<u>Annual</u> <u>Adopted</u>	<u>Annual</u> <u>Amended</u>	<u>Year to Date</u> <u>Rev./Exp./Enc.</u>	<u>%</u> <u>Used</u>
<u>Areawide</u>				
Revenues:				
Property Taxes	101,337,030	101,337,030	55,886,311	55%
Marijuana Sales Tax	300,000	300,000	72,936	24%
Excise Taxes	8,309,000	8,309,000	1,056	0.01%
Federal Payments	2,500,000	2,500,000	0	0%
State Grants & Shared Revenues	21,451,047	21,451,047	5,007,359	23%
Fees	7,407,900	7,407,900	2,255,599	30%
Interest Earnings & Other	475,000	475,000	464,366	98%
Recoveries & Transfers	1,403,266	1,403,266	1,114,907	79%
TOTAL AREAWIDE REVENUES	143,183,243	143,183,243	64,802,534	45%
Expenditures:				
Non Departmental	101,549,488	101,549,488	62,532,876	62%
Assembly	7,337,092	7,337,092	2,099,810	29%
Mayor	67,440	67,440	14,177	21%
Information Technology	5,727,880	5,727,880	2,437,177	43%
Finance	9,011,696	9,011,696	2,563,400	28%
Planning	4,380,315	4,380,315	959,029	22%
Public Safety	14,318,876	14,318,876	3,842,577	27%
Public Works	2,438,684	2,438,684	859,848	35%
Community Development	4,519,183	4,519,183	1,308,107	29%
Capital Projects	2,929,281	2,929,281	619,265	21%
TOTAL AREAWIDE EXPENDITURES	152,279,935	152,279,935	77,236,266	51%
	-9,096,692	-9,096,692	-12,433,732	
<u>Non-Areawide</u>				
Revenues:				
Property Taxes	4,181,700	4,181,700	2,414,995	58%
State Grants & Shared Revenues	785,000	785,000	40,536	5%
Fees & Other Miscellaneous Income	253,100	253,100	76,035	30%
Interest Earnings & Miscellaneous	11,500	11,500	7,025	61%
Recoveries	50,000	50,000	556	1%
TOTAL NON-AREAWIDE REVENUES	5,281,300	5,281,300	2,539,147	48%
Expenditures:				
Non Departmental	1,947,100	1,947,100	1,947,100	100%
Assembly	2,902,395	2,902,395	982,953	34%
Information Technology	213,085	213,085	76,923	36%
Finance	1,000	1,000	0	0%
Public Works	68,866	68,866	21,190	31%
Community Development	1,733,695	1,733,695	615,186	35%
TOTAL NON-AREAWIDE EXPENDITURES	6,866,141	6,866,141	3,643,352	53%
	-1,584,841	-1,584,841	-1,104,205	

Land Management

Revenues:

State Grants & Shared Revenues	0	0	0	0%
Fees	80,750	80,750	3,650	5%
Interest Earnings	23,000	23,000	13,293	58%
Property Sales & Uses	850,000	850,000	138,355	16%
Miscellaneous	1,500	1,500	250	17%
Recoveries & Transfers	0	0	0	0%
TOTAL LAND MANAGEMENT REVENUES	955,250	955,250	155,548	16%

Expenditures:

Non Departmental	275,000	275,000	275,000	100%
Community Development	1,484,932	1,484,932	341,747	23%
TOTAL LAND MGMT. EXPENDITURES	1,759,932	1,759,932	616,747	35%
	-804,682	-804,682	-461,199	
Budgeted Contribution to Permanent Fund	165,188	165,188	22,112	

Enhanced 911

Revenues	2,381,500	2,381,500	3,831,641	161%
Expenditures	1,620,283	1,620,283	1,202,777	74%
	761,217	761,217	2,628,865	

Fire Fleet Maintenance

Revenues	376,200	376,200	376,200	100%
Expenditures	376,110	376,110	93,959	25%
	90	90	282,241	

Caswell Lakes FSA

Revenues	348,470	348,470	192,028	55%
Expenditures	376,373	376,373	150,945	40%
	-27,903	-27,903	41,083	

West Lakes FSA

Revenues	3,277,966	3,277,966	2,005,615	61%
Expenditures	3,689,677	3,739,677	1,955,042	52%
	-411,711	-461,711	50,573	

Central Mat-Su FSA

Revenues	10,508,730	10,508,730	5,835,311	56%
Expenditures	10,728,746	10,728,746	5,330,696	50%
	-220,016	-220,016	504,616	

Butte FSA

Revenues	923,590	923,590	536,268	58%
Expenditures	1,247,823	1,247,823	757,130	61%
	-324,233	-324,233	-220,862	

Sutton FSA

Revenues	231,530	231,530	129,251	56%
Expenditures	368,021	368,021	201,102	55%
	-136,491	-136,491	-71,851	

Talkeetna FSA

Revenues	386,970	386,970	262,673	68%
Expenditures	606,253	606,253	373,613	62%

	-219,283	-219,283	-110,940	
<u>Willow FSA</u>				
Revenues	850,190	850,190	526,850	62%
Expenditures	899,712	899,712	492,009	55%
	-49,522	-49,522	34,841	
<u>Greater Palmer Consolidated FSA</u>				
Revenues	1,322,200	1,322,200	1,639,931	124%
Expenditures	596,006	676,006	623,205	92%
	726,194	646,194	1,016,727	
<u>Road Service Administration</u>				
Revenues	2,673,479	2,673,479	2,673,483	100%
Expenditures	2,667,279	2,667,279	952,954	36%
	6,200	6,200	1,720,529	
<u>RSA Grid Roller Maintenance</u>				
Revenues	0	0	0	
Expenditures	0	0	0	
	0	0	0	
<u>Midway RSA</u>				
Revenues	1,716,380	1,716,380	961,668	56%
Expenditures	1,714,325	1,714,325	1,536,533	90%
	2,055	2,055	-574,865	
<u>Fairview RSA</u>				
Revenues	1,158,050	1,158,050	667,037	58%
Expenditures	1,156,853	1,156,853	1,064,213	92%
	1,197	1,197	-397,176	
<u>Caswell Lakes RSA</u>				
Revenues	638,190	638,190	393,917	62%
Expenditures	638,174	638,174	564,121	88%
	16	16	-170,203	
<u>South Colony RSA</u>				
Revenues	1,531,200	1,531,200	877,173	57%
Expenditures	1,526,849	1,526,849	1,289,795	84%
	4,351	4,351	-412,622	
<u>Knik RSA</u>				
Revenues	2,884,660	2,884,660	1,628,958	56%
Expenditures	2,884,622	2,884,622	2,795,662	97%
	38	38	-1,166,703	
<u>Lazy Mountain RSA</u>				
Revenues	253,510	253,510	153,833	61%
Expenditures	253,473	253,473	153,232	60%
	37	37	601	
<u>Greater Willow RSA</u>				
Revenues	946,750	946,750	589,493	62%
Expenditures	946,737	946,737	858,388	91%
	13	13	-268,896	
<u>Big Lake RSA</u>				
Revenues	1,278,660	1,278,660	828,431	65%

Expenditures	1,278,651	1,278,651	817,394	64%
	9	9	11,037	
<u>North Colony RSA</u>				
Revenues	188,510	188,510	118,134	63%
Expenditures	198,079	198,079	137,078	69%
	-9,569	-9,569	-18,944	
<u>Bogard RSA</u>				
Revenues	1,724,620	1,724,620	993,955	58%
Expenditures	1,720,593	1,720,593	1,398,802	81%
	4,027	4,027	-404,847	
<u>Greater Butte RSA</u>				
Revenues	936,290	936,290	548,259	59%
Expenditures	936,049	936,049	811,344	87%
	241	241	-263,085	
<u>Meadow Lakes RSA</u>				
Revenues	1,939,460	1,939,460	1,148,719	59%
Expenditures	1,939,400	1,939,400	1,791,487	92%
	60	60	-642,768	
<u>Gold Trails RSA</u>				
Revenues	1,769,490	1,769,490	996,212	56%
Expenditures	1,767,068	1,767,068	1,626,613	92%
	2,422	2,422	-630,402	
<u>Greater Talkeetna RSA</u>				
Revenues	619,040	619,040	414,462	67%
Expenditures	619,031	619,031	540,588	87%
	9	9	-126,126	
<u>Trapper Creek RSA</u>				
Revenues	230,660	230,660	158,595	69%
Expenditures	230,660	230,660	175,843	76%
	0	0	-17,248	
<u>Alpine RSA</u>				
Revenues	259,150	259,150	151,192	58%
Expenditures	300,340	300,340	202,984	68%
	-41,190	-41,190	-51,792	
<u>Talkeetna Flood Control Service Area</u>				
Revenues	30,010	30,010	22,985	77%
Expenditures	42,796	42,796	662	2%
	-12,786	-12,786	22,323	
<u>Point MacKenzie Service Area</u>				
Revenues	57,500	57,500	16,267	28%
Expenditures	83,429	83,429	43,542	52%
	-25,929	-25,929	-27,276	
<u>Talkeetna Water/Sewer Service Area</u>				
Revenues	415,000	415,000	35,174	8%
Expenditures	518,130	518,130	209,838	40%
	-103,130	-103,130	-174,664	
<u>Freedom Hills Subd. RSA</u>				

Revenues	0	0	0	
Expenditures	15,000	15,000	0	0%
	-15,000	-15,000	0	
<u>Circle View / Stampede Est.</u>				
Revenues	21,990	21,990	16,458	75%
Expenditures	5,255	5,255	0	0%
	16,735	16,735	16,458	
<u>Chase Trail Service Area</u>				
Revenues	620	620	153	25%
Expenditures	7,073	7,073	0	0%
	-6,453	-6,453	153	
<u>Roads Outside Service Areas</u>				
Revenues	0	0	0	0%
Expenditures	233	233	0	0%
	-233	-233	0	
<u>Solid Waste</u>				
Revenues	9,749,250	9,749,250	1,636,795	17%
Expenditures	9,526,606	9,526,606	7,671,292	81%
	222,644	222,644	-6,034,498	
<u>Port</u>				
Revenues	1,473,513	1,473,513	1,414,710	96%
Expenditures	2,913,444	2,913,444	1,194,867	41%
	-1,439,931	-1,439,931	219,842	



Matanuska-Susitna Borough Administration Building

(Photo by: Stefan Hinman)