

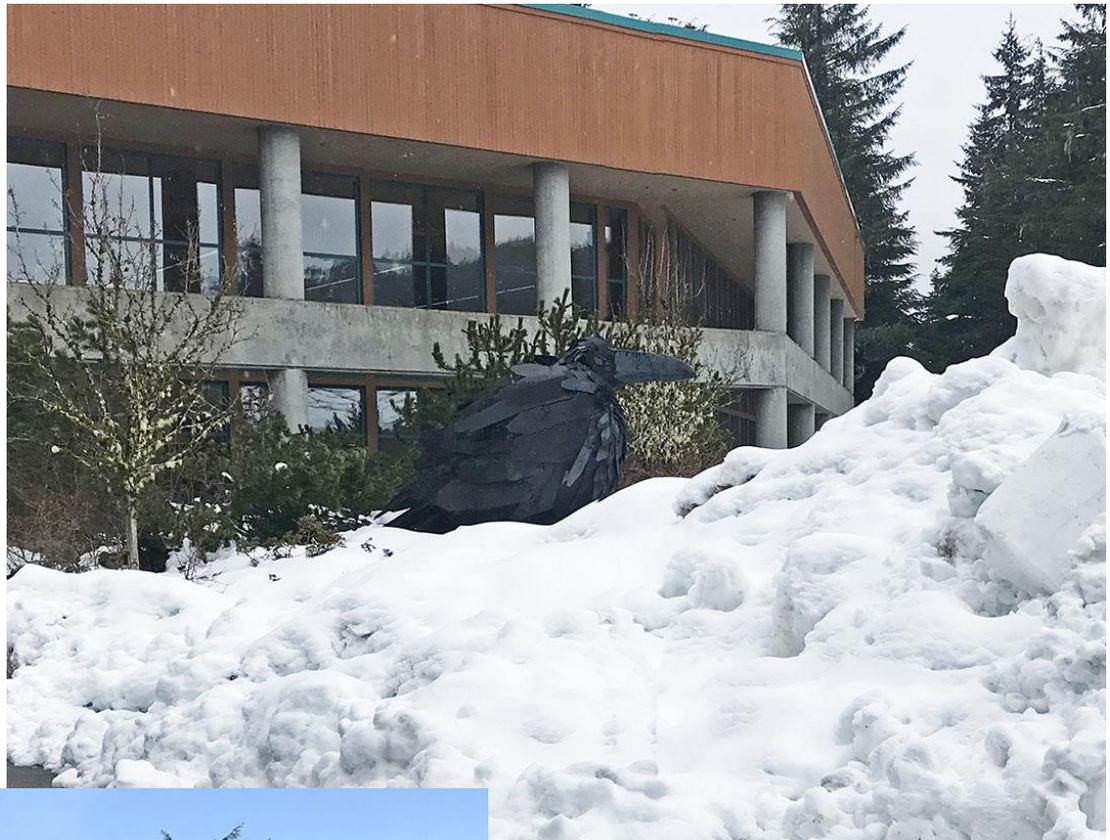
The Level



Welcome to another issue of “The Level”, an occasional publication from Facilities Services keeping you up to date as to our projects and developments.

Enough is Enough Already!

We’re all eager for spring, and looking forward to the colorful burst we all know is coming.



It seems like this winter has gone on forever!



We joke about walking through the door in the back of the wardrobe into the land of perpetual winter, but our resident “Snow Guy” Raymond Roberts, assures us that it’s about over. We all hope so.

*Hang In There:
David Lendurm
UAS Grounds Superintendent*

“We Can’t Fix it - If We Don’t Know About It”

Every now and then we get a call from someone saying that “Did you know that widget 27 has been broken for weeks/months/years. Can you please fix it?” Our standard answer is “Yes – We Can Fix”

Facilities Services is responsible for the proper care and maintenance of one-half million of square feet of building space, and acres of outdoor space. This is too great of an area for our limited crew too frequently inspect. Therefore, we rely on you to let us know when something is broke. Next time when you are walking around our beautiful campus and see a burned-out light, empty paper dispenser, squeaky door hinge or any building component that is broke, please fill out our online [Work Order Form](#) or call 796-6496 and we will fix it. But, we cannot fix it if we don't know about it.



Thank you for your help in making our campus better.

Nathan Leigh

Facilities Services Director

Welcome our new staff!!



Administrative Assistant:

When you call Facilities Services the cheerful voice you will hear is our new Administrative Assistant, Mandy St. Clair. She graduated from UAF with a Bachelor’s degree in Child Development and Family Studies in December, 2020. Mandy has many years of experience in customer service and administrative positions prior to this position. Mandy was born and raised in Juneau, AK and has always lived here as well. She has many hobbies including cooking, baking, painting rocks, singing karaoke, reading and going on long walks around the Juneau area. Mandy also loves the rain more than any other weather because she finds it to be relaxing to listen to and peaceful to watch. We are very glad that Mandy has joined our Facilities Services team. She is looking forward to working with everyone during her time with UAS.

Administrative Manager

Please welcome Andie Scharen as our new Administrative Manager here at Facilities Services. Andie graduated from JDHS, completed an associate’s degree from University of Phoenix, and is currently working on her Bachelors of Arts here at UAS with an emphasis in psychology. With all the characters here at Facilities Services, I am sure she has lots of material for class assignments.

Andie joined the Facilities Services team in March 2019 as the Administrative Assistant. In that position she learned all the ropes for Local 6070 union regulations, our Computerize Maintenance Management System (CMMS), and making sure that our team fills out their timesheets correctly so we are paid. Andie was instrumental in implementing a process that eliminates duplicate efforts in the Facilities Services / CMMS / Time sheet tracking systems cutting about two full labor days of work each pay period. She is one of the reasons Facilities Services has been able to take on additional tasks during the pandemic. We are excited to have Andie in a new role here at Facilities Services and are confident she will help Facilities Services provide the best customer service to our campus.

Our New Plumber, Dana Wade

Periodically, we see some crew turnover at Facilities Services, and will need to recruit and fill a vacant position. When our last plumber, Tom Lee left us last year, we began recruiting. Between the pandemic, and other factors, it took a while to bring on our present plumber, Dana Wade. He joined us in late November after spending more than three decades in the private sector as a licensed plumber, and brought with him other skills that have also proven very handy for addressing maintenance and repair issues around campus.

In his spare time, Dana enjoys getting outdoors, particularly when wetting a line is involved. Hitting the trails with the family dogs is also high on his list of things to do. He also spends much of his time off working on projects around his shop, and helping out friends and family. Right now, he's looking forward to the weather improving so he can spend some time paddling his canoe around the lake.



Grounds Crew

Mike Driscoll and Randal Benc have joined our grounds crew this winter / spring and have been kept busy plowing snow, sanding parking lots and salting icy spots. They have put in some long hours this year and are glad they are now part of Facilities Services. We hope to get some good action photos of them this summer working in our shrubbery.

FP&C Project Updates

Anderson Sea Water Pump House

The big news this time is the near completion of the Anderson Building Seawater service upgrades.

Behind the Anderson Science Building is a little-known piece of the campus machinery. At the bottom of these stairs, this mysterious deck is the top of the seawater pumping station.



There's a pump complex in this vault with a long pipe that goes out into the ocean. This is the mechanism that provides the seawater to the hundreds of living organisms that are the research projects of the Marine Biology Program. This program, dedicated to understanding the lives of our oceanic companions, must be provided with a constant flow of fresh seawater.



This concrete vault is where the pumps live, they of course have a myriad of controls and for years the controls lived in the vault with the water and pumps. The pumps are subject to constant maintenance, and like all things mechanical that are exposed to seawater, they corrode. Facilities Services keep them functioning, and replaced as they wear out.



Consider the electric and electronic control systems and imagine how subject to corrosion they must be. This project involves moving them up into a new shed above

the concrete vault so they are separated from the marine environment. Much longer life and reliability is expected of them in their new homes.

*Author: David Lendrum
Project Manager: Ke Mell*

FP&C Project Updates

Take your fill!

Another Health and Safety upgrade is the installation of touchless water bottle filling stations, these allow people to fill their individual hydration equipment without touching any control surfaces.



“Behrends Mechanical is working around campus installing touchless bottle fill stations to facilitate student, staff and faculty in staying safely hydrated while going about their daily activities. New bottle fill stations are being installed in the Henderson Building, Egan Library, Joint Use Facility, Anderson Building, TEC, and the TEC Welding Lab. – *Sam Kito*

Auke Bay Integrated Science Building (Formerly Auke Bay Station)

This project has been postponed due to considerable and prolonged uncertainties resulting from Covid19. – *Ke Mell*

Stairway Down to Beach at Anderson Building

This project will construct a stairway down the steep slope from Anderson Building to the beach. We plan to bid in April and have constructed this summer.

– *Ke Mell*

Auke Lake Guardrails

The Architect is working on the final touches to the design documents and then we can go out to bid. We hope to have this last phase installed before snow flies in fall 2021 – *Ke Mell*

**Soboleff Ceramics Room Garage Door Replacement**

This project is replacing the overhead garage door in the Ceramics Lab with an oversized person door and adding several windows. All of the windows have been installed, and the exterior finish work is complete, the door has been installed. The stairway handrail is the only thing left. – *Sam Kito II*



Mourant Building Kitchen Exhaust Fan Replacement

This project will replace the original grill vent hood exhaust fan with a new, code compliant exhaust fan.

Due to ongoing campus use of the kitchen, actual replacement of the unit will have to take place after spring semester, when the kitchen will be closed. –

Sam Kito III



Figure 3: HRU washdown section showing clean coil.

Lighting Replacement Projects

In an effort to decrease energy costs and improve student educational experiences, we replaced lighting in the Egan Library Writing Center and the Novatney lobby area. These are very energy efficient LED lights and they provide a more welcoming environment. Please stop by and take a look at these two complete projects – *Sam Kito III*

Fire Alarm System Replacements

As our building systems get older, we need to review those systems to make sure they are working properly and to get recommendations on any changes or upgrades that are needed.

Our design consultant has reviewed our fire alarm systems in about half of our buildings and recommends replacing the systems in Egan Library/Classroom and Recreation Center. These two projects will move to the top of our list because they are life/safety type projects. We hope to have funding to complete these projects in the next year.

– *Sam Kito III*

Auke Way Sidewalk Safety Improvements

Along the sidewalk coming in the main campus entrance road, there is a section drop off that back side of the sidewalk.



This project will reduce the height of this drop-off by more than half. We cannot eliminate the drop off completely because the required fill slope would not be on University property. Construction will start this spring. Please be on the lookout for new traffic patterns for both pedestrians and vehicles. – *Sam Kito III*



From our Sitka campus

Despite the lack of normal on-site attendance, the Sitka Campus has been a buzz of activity this winter.

We were fortunate to host two SEARHC COVID vaccine clinics. Our entryway, atrium, and large first floor classroom provided an excellent space, allowing a smooth flowing arrangement for about 500 Sitkans to receive first and second doses of the Pfizer vaccine. At this point, Sitka has more than half of its population of 8,500 residents get vaccinated.

The Alaska Law Enforcement Training Academy (ALET) has another class of recruits getting their driving training on the shared parking areas of both the UAS Sitka and that of the Mt. Edgecumbe HS campuses. Over about two and a half months, twice a year the Cadets squeal tires, accelerate, brake, turn, and skid their way to advanced driving skills each Sunday.



If you were in our spacious hangar you would see some of the following; a red cedar log being masterfully turned into a NW Coast traditional canoe.



Advanced welding students are crafting an amazing welded and towable community grill!

Construction students learning a wide range of wood working and construction techniques, our Whale Lab and Fisheries Technology Faculty preparing boats and equipment for the upcoming summer field and Fall academic sessions, and our Facilities Staff handling the buildings recycling, maintenance projects, and anxiously awaiting the opportunity to take the snow plows off in exchange for lawn mowers and trimmers.

Elsewhere around the Campus, we are maintaining COVID supply stations providing masks, hand sanitizer, and water bottles. Sean recently completed a custom shield for our front reception counter in anticipation of everyone's arrival back on campus in the near future.

Over the winter we have been able to update or replace old emergency egress lights and emergency exit signs in addition to completing our annual fire and life safety inspections, certifications, and first round of drills.



We have been additionally busy with a combination of CNA, Medical Assisting, and UA Nursing Programs taking place on campus. Our Student Success and Testing Centers have been active and we've been hosting weekly community GED classes. To keep up with COVID protocols, we have been utilizing self-service disinfectant materials along with supplemental cleaning by our contract janitorial service and the facilities staff. Keeping everyone healthy and safe has been our highest priority this past year and we appreciate everyone's efforts to willingly participate.

We very much look forward to having more and more folks back on campus when we can. Be safe and have a wonderful spring.

Greg George
Facilities Services - Sitka



[From our Ketchikan campus](#) (Taken from the November 2020 Cup O' News)

REPORT TO THE BRIDGE!

The upgrade for the Marine Training Center bridge simulator becomes truly immersive

The University of Alaska Southeast Maritime Training Center is home to a brand-new Full Mission Navigation Bridge Simulator! The existing main simulator was upgraded this month to an NT Professional 5000 Full Mission

Navigation Bridge Simulator. This has been a milestone project and the culmination of years of planning involving dozens of people.

The UAS Ketchikan Campus Marine Training Center Simulation Lab has grown over the years, from its humble beginning and past upgrades to our new 21st century state of the art Full Mission Bridge!

(Contributed by Bill Ayers.)



Trades Crew - Keeping it Running



Kiln Repairs

One of the things that many of our Facilities Services crew members enjoy about their jobs is the variety of tasks they are faced with while they serve our campus community. A few months ago, Jeremy Kane came to us with a request to repair the large kiln in the ceramics lab. It had been failing for some time, and firing larger projects had become impossible. Kiln repair was something new to our group, but with some assistance from Seattle Pottery, and the manufacturer of the new controls, our electrician, Shawn was able to replace the failed parts and recommission the kiln. While the repairs took a bit longer than anticipated because of the “learning curve”, the result was a positive one, and the ceramics class is again able to fire larger pieces in the front-loading kiln. This is just one example of some of the oddball tasks we are faced with at times, and we look forward to the next challenge.

Adam Zenger

UAS Facilities Services Maintenance & Operations Manager

Keeping it Hot

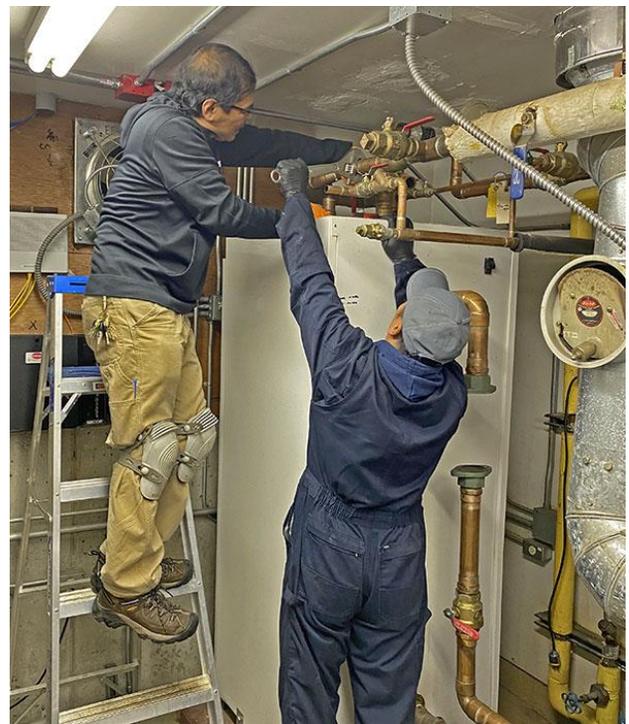
This winter one of our hot water heaters in housing failed. Levie and Bernie were able to save the day because they were prepared with a spare water heater and they install the new one in just a couple of days. Our residents were very grateful for not having to skip their hot showers in the middle of winter.

Egan Library Carpet Patch



As our buildings age, many of the components tend to wear out. Some tend to wear out more quickly than others. According

to a number of sources, carpet usually lasts between 7 and 20 years, depending on the level of care given, and traffic.





In the Egan Library, we had a number of high traffic areas where the 30-something year old carpet was delaminating, and creating potential tripping hazards. To address these areas, we initially looked into smaller patches, but decided that they would be unsightly. Instead, we decided to replace a larger area that would encompass all of the severely worn areas. This approach, while not perfect, gave us the ability to cover the problem spots with new carpet, and to blend the new with the old in a more aesthetically pleasing manner. We would eventually like to replace the carpet on all levels of the library, and look forward to the day it is possible.

Adam Zenger

UAS Facilities Services Maintenance & Operations Manager

More Students on Campus

The Pandemic has brought some real changes to how we operate, including most classes being moved to the internet. We were very glad to be part of the UAS team to bring some more of our UAS Students back on campus. UAS Geophysics Professor Jason Amundson started the ball rolling by requesting to hold a couple of his Physics classes live on campus.

In just a couple of days UAS Information Technology, Room Scheduling, Arts & Science Department admin, Emergency Management, Health & Safety and Facilities Services was able to come up with a plan for those

students to meet on campus for the remaining of the semester. Our Facilities Services crew shown here are moving one of the Plexiglas classroom shields from in front of a white board to in front of a chalk board. It is great how our UAS community comes together to make things better for our students and our community.

Nathan Leigh

UAS Facilities Services Director



AED's on the Juneau Campus



AED's or automated external defibrillators, have been a common fixture at UAS and many public buildings in our community for many years. When used to help those experiencing sudden cardiac arrest, the AED can analyze the heart's rhythm and, if necessary, deliver an electrical shock, or defibrillation, to help the heart regain a normal rhythm. Because AED's can be used before emergency medical personnel arrive, previous treatment time can be saved, improving survival odds.

The Juneau campus uses the Zoll AED Plus model and has just added three more AED's to our inventory:

1. Egan Library; circulation desk. 796-6466
2. Student Housing Lodge, next to main entrance. 796-6443
3. JRP Residence Hall, behind front counter. 796-6489
4. Technical Education Center, 2nd floor reception. 796-6120
5. Welding Lab, hallway entrance. 796-6120 **NEW**
6. Student Recreation Center, 1st floor hallway by ANG office. 796-6544
7. Student Recreation Center, 2nd floor outside track. 796-6544 **NEW**
8. Anderson Building, 2nd floor hallway. 796-6441
9. Soboleff Building, second floor hallway, midpoint of building
10. Student Resource Center, Mourant 1st floor. 796-6000
11. Facilities Services, Stover hallway near entrance. 796-6496 **NEW**

Note that each location listed also includes a local phone number. This should be used to call for an AED to be delivered if a runner is not available or it would be faster.

The steps for using an AED on a sudden cardiac arrest victim are simple and straight forward. The ZOLL® AED Plus® provides visual and audio prompts to guide you through the entire resuscitation process. Modern AEDs won't allow you to shock a victim that has a heartbeat, reducing the risk of doing more harm and reasons for people not to step in and help.

Planning for employee CPR and AED training is underway. While this training is traditionally conducted in-person, there are now online options available. Stay tuned for employee CPR/AED training opportunities.

Dan Garcia

Health & Safety Officer



Watch out!



Chainsaw in hand, and safety gear applied, our rapid response grounds crew were right on it. Following State of Alaska guidelines, they diverted pedestrians and cleaned up those hazards in short order. The wood was donated and all the debris was cleaned up in two days. Grounds Supervisor Ray Roberts and his crewmembers Cierra Garrett and Kevin Southerland were quick and thorough.

The first week of December was a real blow, the winds were above 50 mph and trees hit the ground all over the borough. Our campus had a bunch down, including one that went across the sidewalk below the facilities office and a couple big ones that went into the traffic lane across from the Anderson Science building.



Another day or two passed, heavy rains saturated the ground and another big wind whipped around the JR Pugh Hall and a set of three ripped out of the ground. Facilities head dog, Ocean, took charge and gave instructions for this one to be managed too. As Ray says *“as 2020 blows out, let’s dig 2021”*.

There will be plenty of firewood for the Noyes Pavilion fire ring this spring.

We’re really proud of our lovely campus, with its “Campus in the Forest” theme, and managing the interface between the wild world and our more cultivated environment is one of the pleasures of our work. We have several projects on going and a couple more in the planning stages for the near future, so keep your eyes open and enjoy the results of our efforts.

*David Lendrum
Landscape Superintendent*



Inventory Time

What is Capital Property?

Capital Property are items purchased using a capital expenditure accounting code in which the item (and required components) total \$5,000 or more. Some categories of capital purchases have different cost parameters, but \$5,000 is generally the amount used. To be in compliance with State and Federal regulations, we must track these items. This is also useful for reporting purposes and liability considerations.



What happens?

When you make a requisition using a 5xxx code a ping is sent to Facilities Services to begin the property process. This includes determining if a 5xxx code is the correct code to use and gathering information on the purchased property. To get property inventoried correctly we need to know what the serial number is, and where the item(s) will be housed.

What does this mean for you?

This all adds up to meaning we need your help. If you aren't sure if a 5xxx code is correct, reach out to us. Ready to place your requisition? Be sure to include a detailed item description. Requisition already placed? You can send the information you have any time. At the latest, we will contact you (either to collect information or to request a JV if a 5xxx code isn't correct) once the purchase appears on the monthly reconciliation.

Once all of the information has been entered into Banner, the item will need to be physically tagged. Using the information you provided, our property coordinator will locate the item and affix a property tag.

Andie Scharen
Facilities Administrative Manager

Face Mask Repair

Has the conforming nose piece broken in your favorite hand sewn face mask? UAS volunteer has offered to replace the conforming nose piece. Just drop it off to Facilities Services office, or inner campus mail stop ST1. Please remember to put your name and mail stop so it can be returned in about a week. We again thank all of the community members who support UAS.



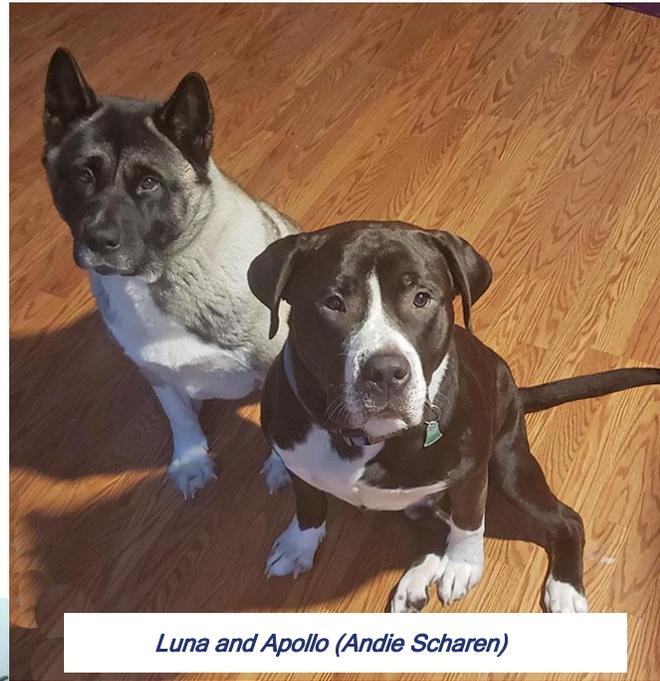
Some of our at Home Co-workers!

Another result of the virus, is as we work from home, we acquire new workmates, here are a few new facilities staff members.



Yeti and Pixie (Greg George)

Yeti helping Roan George with Homework



Luna and Apollo (Andie Scharen)



Ruby-Sue - (Adam Zenger)



Percy (Mandy St Clair)



Ocean - (Nathan Leigh)



Molly & Gizmo,



*Riley,
(Dana Wade)*



Molly

*Chewie
(Michael Funk)*



*Gus, ChaCha, Wolfie.
(Dan Garcia)*