



# What's Happening

DOYON UTILITIES' MONTHLY PROGRESS AT-A-GLANCE



## Message from the President

Doyon Utilities' construction season is rapidly drawing to a close this year. Each of our Doyon Utilities' sites has been affected with utility disruption this summer and we recognize the impact the work has on our costumers. We are grateful for their understanding and the recognition that the utility outages are providing a longer term benefit of better service and system reliability.

Our utility privatization contracts require nearly all of the electrical distribution system to be replaced in the first 3 years of operation. Due to this requirement, this construction season has been dynamic with many projects being constructed concurrently. Anyone traveling around the posts has noted the efforts of contractors working on electrical overhead services, replacing water and wastewater infrastructure and installing services to new facilities. Throughout the summer we took every prudent measure to reduce the number and duration of utility outages and we will continue to maintain that effort in the future. With the completion of our many utility related projects the utility systems should not experience unexpected or long duration outages during the coming winter season.

A consequence of utility and upgrades and expansion projects is often the untimely utility outages that are necessary to connect the up-

*Dan Gavora,  
President/CEO*



graded or new services. Based upon the sheer numbers of projects we have completed this summer, some of the utility outages have been unexpected or have lasted longer than we anticipated due to complications related to reconnecting the service. We value your confidence in our ability to provide uninterrupted service and we strive every day to meet that goal. We are confident our customers will experience improved service and system reliability in the future because of the aggressive project schedule we have completed this year.

I would like to offer one final thought as we are approaching the holiday season. We serve the greatest military force in the history of our great nation. I ask each of you to keep our service members and their families in your thoughts and don't let an opportunity pass to express your gratitude for their many sacrifices. We owe our military a debt that can only be repaid with our respect and admiration for their service. 

### IN THIS ISSUE

▶ President's Message	1
▶ Fort Greely	2
▶ Fort Richardson	2
▶ Fort Richardson	3
▶ Fort Wainwright	3
▶ Fort Wainwright	4
▶ Safety Matters	5
▶ Misc. Happenings	5

### Headquarters Contact Information

Physical Address:  
714 Fourth Avenue, Suite 201  
Fairbanks, AK 99701

Mailing Address:  
P.O. Box 74040  
Fairbanks, AK 99707

Phone: 907-455-1500  
Fax 907-455-6788

Email:  
duinfo@doyonutilities.com



# Fort Greely

## Black Rapids Training Center

By Mark Rockwell, P.E., Lead Project Manager/Utility Engineer

Doyon Utilities began the removal of the former wastewater treatment plant at Black Rapids Training Center in September 2010. The dilapidated structures needed to be completely removed and replaced with an ADEC approved septic tank. DU engaged Michael Foster Associates of Anchorage, Alaska to design the replacement project and contracted local tank expert, Ed Carns of Carn's General Contracting, to perform the work.

Mark Rockwell provided, "Ed did an excellent job of coordinating the project. It was a remote site that required big equipment to demolish the underground concrete works and in-

stall a new 13,500 gallon tank. We look forward to working with him again." 



October 15, 2010 Sgt. Isales inspects the finish work as Carn's General Contracting completes the replacement of the septic tank at Black Rapids Training Center.

### Fort Greely Contact Information

Physical Address:  
611 E. 5th Street  
Fort Greely, AK 99731

Mailing Address:  
P.O. Box 31346  
Fort Greely, AK 99731

Phone: 907-869-4291

Fax: 907-869-3061



### Fort Richardson Contact Information

Physical Address:  
36010 Arctic Valley Rd  
Fort Richardson, AK 99505

Mailing Address:  
P.O. Box 5469  
Fort Richardson, AK 99505

Phone: 907-428-5391

Fax: 907-428-0002



# Fort Richardson

## Remove Filter Bypass Valve

By Mack Miessner, Project Manager

Doyon Utilities has contracted with MWH Constructors, Inc. to remove the filter bypass valve and associated piping at the Water Treatment Plant. The project will also include the installation of blind flanges. The valve removal and replacement portion of the project will be completed by October 29th. The remaining work associated with the project will be completed by December 15, 2010. this project will continue DU's efforts to modernize the water treatment plant. 



# Fort Richardson (continued)

## Building 656

By Mack Miessner, Project Manager

Doyon Utilities recently completed its water service project for Building 656. The project includes an upgrade of the existing fire service line and installation of a new post indicator valve (PIV). The project included mobilization/demobilization, dig permit, traffic control, installation of a new separate 6" fire (water) service from the water main to the PIV point of demarcation, installation of a post indicator valve and a Force Protection wall that was removed and reinstalled to its original state. The project will provide

substantial fire protective improvements for the future. The project was essentially complete at the end of October.



The pictures above are of the completed project at Building 656.

# Fort Wainwright

By Norman Sather, Project Manager/Utility Engineer

## Fort Wainwright Contact Information

Physical Address:  
3564 Neely Rd,  
Fort Wainwright, AK 99703

Mailing Address:  
P.O. Box 35484  
Fort Wainwright, AK 99703

Phone: 907-455-1571

Fax: 907-356-7690



### Bear Paw Phase 1

DIG has finished installing the steam and condensate piping to the utility building. Steam was provided to the building on 10/25/10. Alaska Groundworks removed the sheet piling from manholes 1 and 2 along Pine Street on 10/23/10.

### MH H2-2-2 to H2-2-4

DIG continues to install the steam and condensate piping as well as the sewer and water piping along Spruce Street utilidors.

### FTW 349 ASOS

CH2M Hill is the prime on this project. TCI is the sub who installed the Rovanco steam and condensate pipe. The steam is on and remaining work includes the installation of manhole ladders, vents, and electrical control panels.

### FTW 350 Warrior in Transition

PCL is the prime on this project. Steam and condensate pipe has been installed, tested and inspected. Pre-cast lid extensions are being placed, electrical conduit installation is in progress and vents and electrical panels are in shipment.

### FTW Stryker Wash Project

Swaim Enterprises is nearly complete with this project. The remaining work includes installation of 15 watertight manhole inserts and vacuum breakers for the lift station. These items are currently on order.

### FTW North Post Dead End

CEI is 95% complete with this project. The pipe has been installed, backfilled, tested, and sanitized. Remainder of the work includes some insulating and pipe anchors.

# Fort Wainwright (continued)

## Building 1060 Standby Generators

By Bill Farrell, Project Manager/Utility Engineer

Building 1060 is the communications center for FWA. Due to growth in their systems, the old standby generator became undersized. A new building with two generators and associated equipment have been built this summer by local contractor GHEMM Co. The final testing of the two new 500 KW generators is under way this week. Both units will be load tested and thoroughly checked over by the technicians from

NC Machinery and Specialty Engineering. The system is designed so that each generator will operate Building 1060 in the event of a power outage. The other generator will operate as a backup. The system has three transfer switches. One selects between utility and generators, the second selects the generator that will run and the third is a manual



Fort Wainwright Standby Generator Bldg. 1060

backup and also serves as a bypass if needed. 

## FWA CHPP Boiler Combustion Air Intake Louver & Control Damper Upgrades

By George Ferree, Project Manager

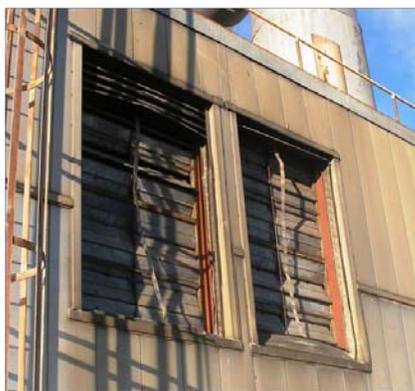
The FWA CHPP Boiler Combustion Air Intake Louver & Control Damper Upgrades Project is one phase of the large FWA CHPP HVAC Improvements Project.

The Fort Wainwright Central Heat & Power Plant has six operational coal-fired boilers. Each boiler has a separate system to draw in outside air to provide the oxygen required for the combustion process. The first part of each system consists of a set of fixed (non-moving) metal louvers, with a debris screen, and set of operable (moving) metal louvers, more appropriately called "control dampers". The fixed louvers and debris screen help keep rain, snow and miscellaneous debris (including small birds!) from entering the building and the combustion air stream. The control dampers operate in conjunction with the boiler; when a boiler is firing the control dampers are set in the full open position for maximum air in-

take. When a boiler is idle the control dampers are closed to prevent infiltra-

debris screens, and the existing control dampers and actuators (operating motors), and will install new, appropriately sized fixed louvers and debris screens, and higher quality control dampers and actuators. Operation of the new control dampers will be tied to the new plant-wide digital control system.

The construction contract was awarded to Holaday-Parks, Inc. in September. Materials are currently on order. Construction is expected to be completed by February 2011.



The photos depict the existing ("before") conditions typical at all six combustion air intake locations. The exterior (left) photo shows that the original fixed louvers and debris screen are no longer in place. They were removed at some time in the past, probably because they were not sized properly and could be blocked by a build-up of ice and snow. The interior (right) photo shows that many of the control arms linking the moving damper sections are either bent, broken, or missing.

tion of unwanted air into the plant.

The upgrade project will remove all remnants of the existing louvers and

# Safety Matters

## Winter Season Safety

By *Jeremy Phillips*

- \* Are you dialed in for winter yet?
- \* Have you topped off or stacked your fuel supply?
- \* Have you had your furnace serviced lately or even changed the filters?

**Doyon Utilities offices  
will be closed  
November 11th in observance  
of Veterans Day**



## Headquarters Office Expansion

The expected completion date of Doyon Utilities office expansion project is November 12. The administrative staff will move into the new space the week of November 15. During this time, our administrative operations will continue without disruption. All Doyon Utilities employees will then be consolidated into one location improving efficiency and creating additional capacity.



Be proactive instead of reactive, events are always more stressful when you tend to be reactive. Murphy's law says "Anything that can go wrong, will go wrong and at the worst possible time." No one wants to be calling a furnace repair company at 7am on a holiday weekend when it is -40° F and family is coming over that evening for dinner. Winter is upon us and it is getting colder every day, you can help yourself



by being proactive instead of reactive. Have your source of heat for the winter checked out and your fuel supply topped off so that you are not caught in the cold. 

## Fort Greely Safety Awards

By *Jeremy Phillips*

Doyon Utilities wants to recognize all of our employees for their efforts in safety and encourage everyone to look forward at what they can do to make their working environments and day to day work activities as safe as possible. Tim Wallis has rolled out the company wide incentive award program pitting each facility against the other in a challenge to see which site will be identified as the DU safest facility of 2010. The incentive award program is set up in two stages. First there are two awards given each year, one in July and one in January identifying the safest facility for the previous six months. At the end of the year a single site is identified as the safest DU facility for that year based on an accumulative points total calculated by the Health & Safety Coordinator. So far this year Ft. Greely was identified as the safest site for the first half of 2010 and received a modest incentive award (you have to win it to find out what it is) and

a pizza lunch. The award ceremony was conducted on October 14<sup>th</sup> at the Ft. Greely CHPP by Tim Wallis, where the facility employees received their awards and the facility received



Mike Lanegan, FGA Site Manager and  
Tim Wallis, Senior Vice President

a certificate of recognition for their efforts in safety. Keep in mind, the incentive awards are modest and are intended to recognize the efforts of those employees that receive them, not discourage incident reporting. So keep up the good work DU and lets all be a little safer. 