



# CPS Construction

2017 in Review  
Plans for 2018



## 2017 Construction Projects

- GIS Trailer Foundation structural repair
- Dining Facility Slope Stabilization
- Tent City electrical code compliance project
- Painting: Generator Modules, ATCO 5 & 6, Incubation Facility
- Computer Lab flooring replacement
- Imnavait General Use Boardwalk upgrade
- Lab 6 & 7 Backflow Prevention valves

## Dining Facility Foundation Stabilization





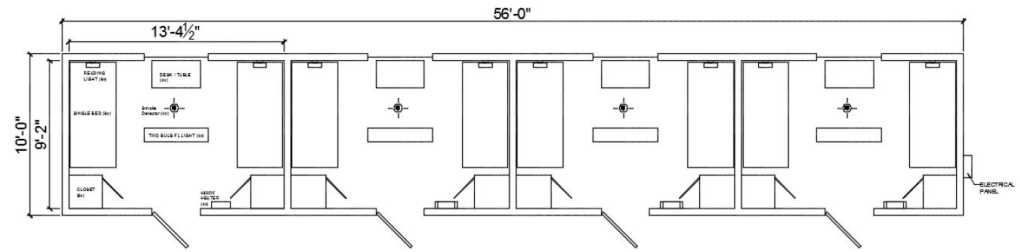
## 2017 Science Construction Projects

- Boelman Vole Enclosure completion
- Budy Propane Platforms
- Fetcher demobilization

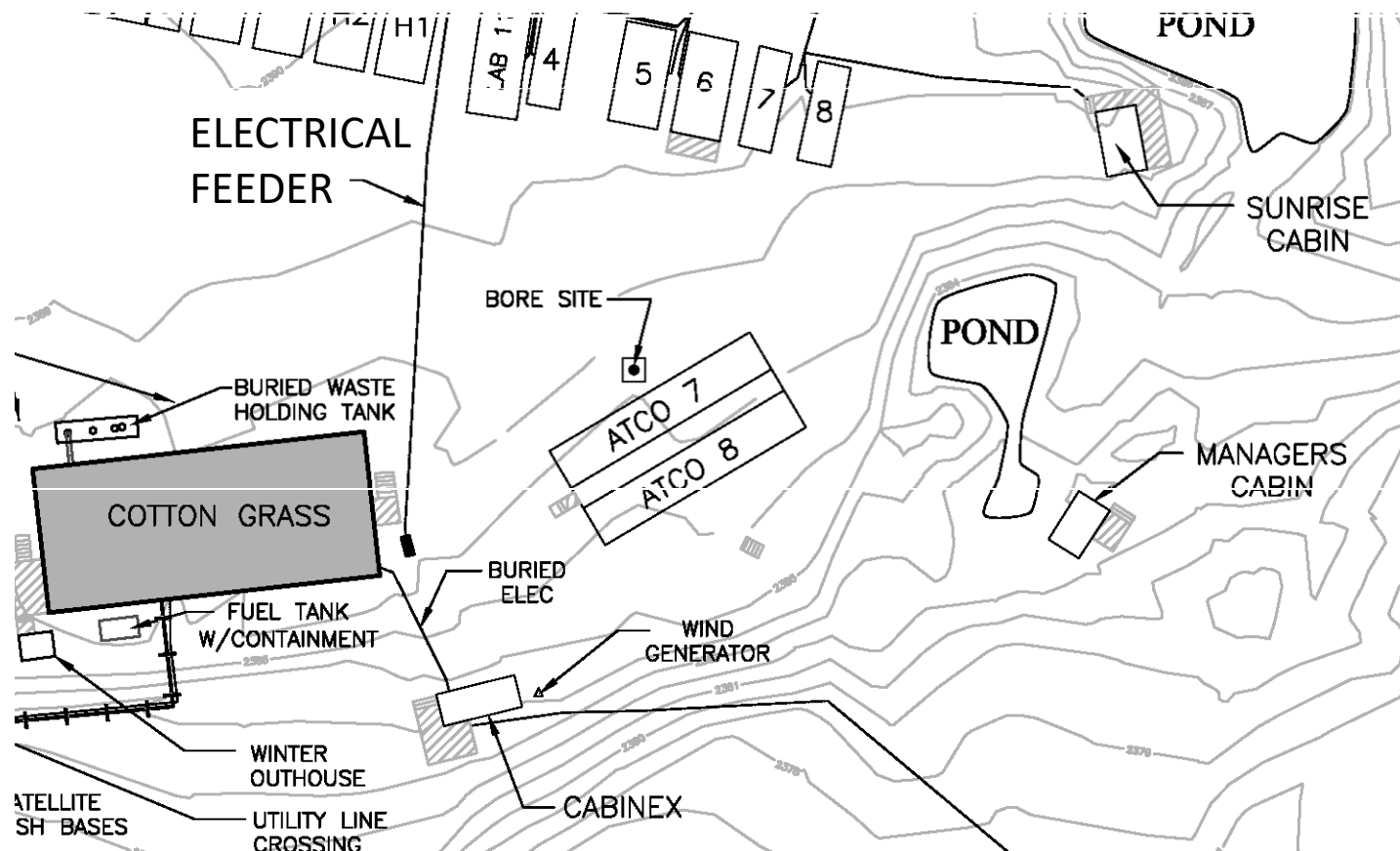
## 2018 Projects

### Modularized Berthing Units

- Similar to ATCO's 5 and 6
- (2) 8 bed units – 16 total beds
- Hallway constructed on-site
- RFP is out, bids due Feb. 5th



# New Berthing Units location

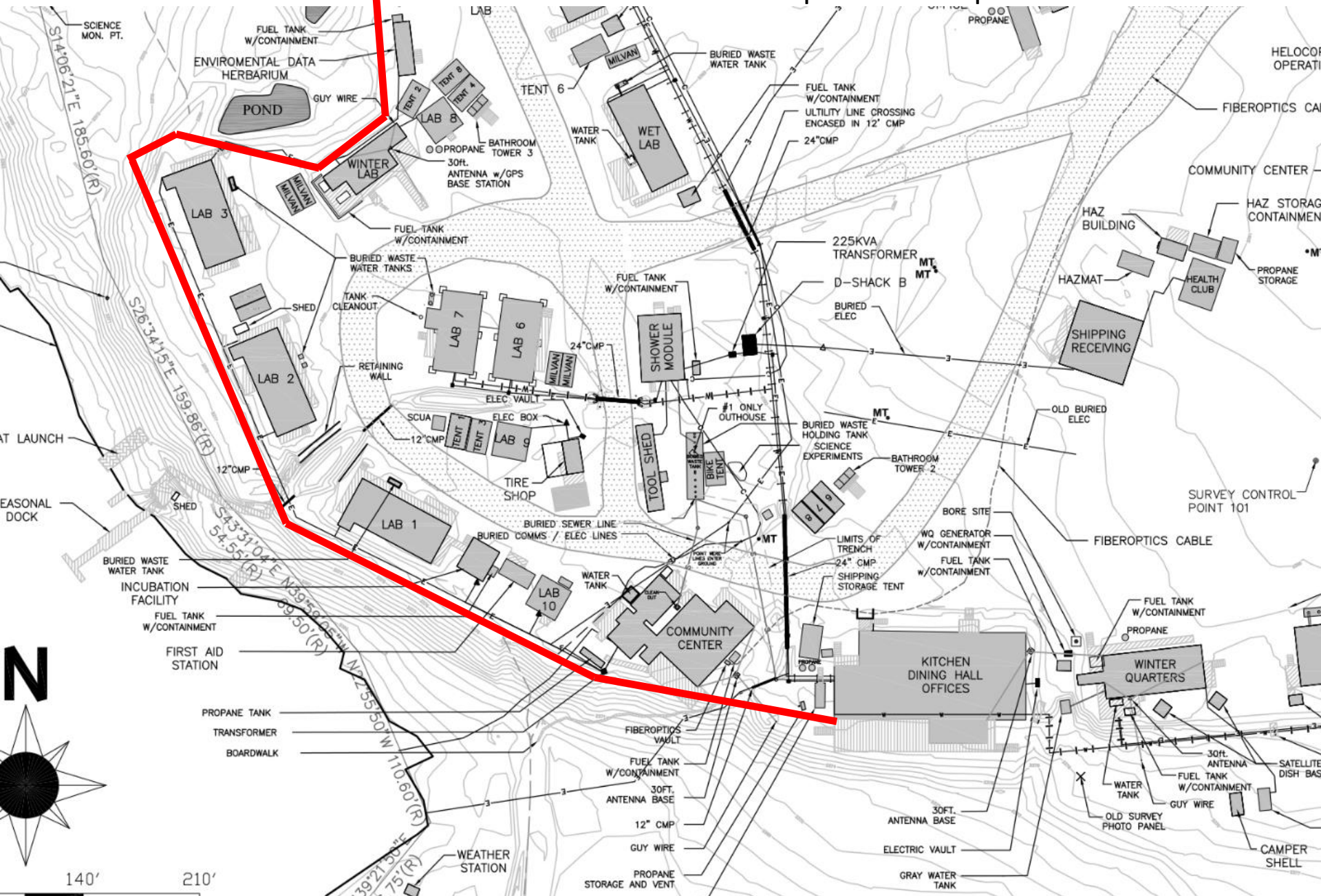




# Fiber Optic Ring – Phase 2



Terminate at GIS Office to complete the loop.





## 2018 Projects

### Tent city outhouse

- 2 Seater
- Located near ATCO's 5 and 6



## Other 2018 Projects

- Replacement 5000 gallon unleaded fuel tank
- Shower Module flooring replacement
- General Use Boardwalk upgrades
- Toolik building painting: Labs 1 – 4
- Electrical Distribution Shack's leveling and paint
- Power Monitoring: Installation of power meter for total station power
- Garage Unit Heater replacement
- Cottongrass Dormitory window replacement
- Tent City Electrical code compliance upgrade
- Safety Audit corrective actions

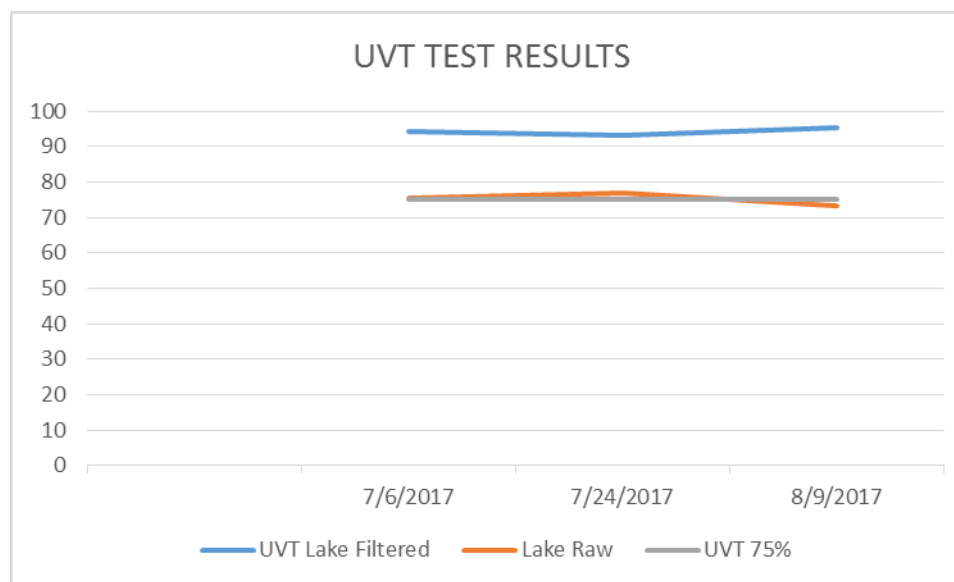
## Well House: Surface Water as Source



Lake Water meets the parameters for  
UV Transmittance:  
Final documentation sent to ADEC...

## Surface Water as Source

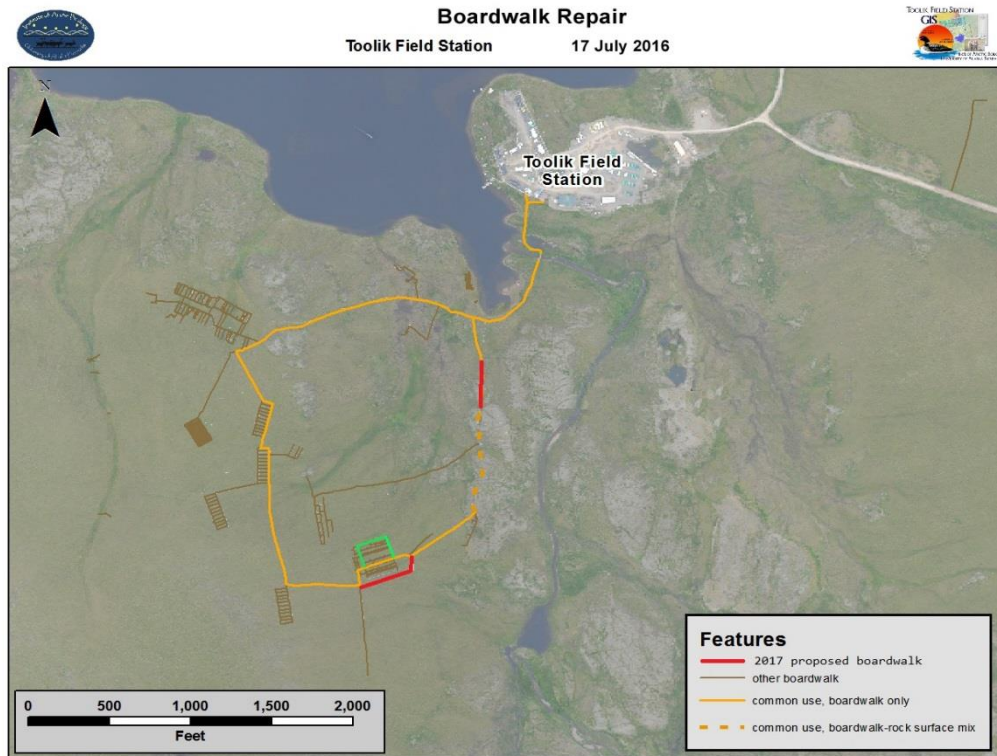
		7/6/2017	7/24/2017	8/9/2017
UVT Lake Filtered		94.4	93.3	95.4
Lake Raw		75.5	76.8	73.1







## Common Use Boardwalk Plans

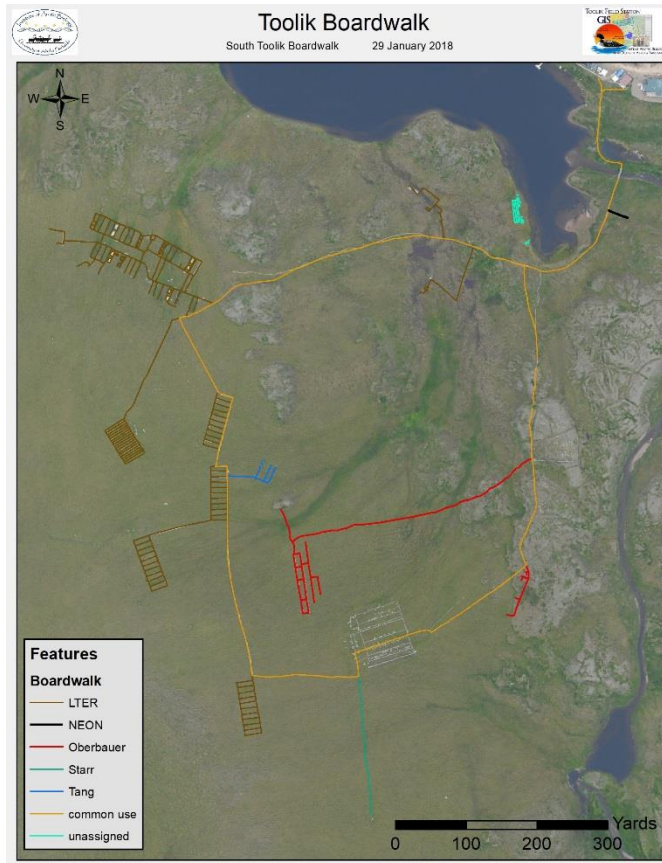


- Recap of 2017 work
- Funded 2018 routing

# Funded Science Construction/Demobilizations...

subject to change!

- LTER: 500 ft plank in the budget. Can substitute for less elevated boardwalk, if needed. Need to decide on location
- Budy @ Fog Lakes: Was supposed to be installed 2017
- Oberbauer: All project-specific boardwalk scheduled for removal, unless project/permit renewed or transferred



Last but not least...



# Wallenstein Boardwalk

Permit Expired 12/31/2017

Need to Formalize Decommissioning and/or permit transfer



**Toolik Field Station Boardwalks**  
Innavait Research Area 19 March 2013

