

# Toolik Field Station

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Battelle ARO FEMC 2023  
Field Season Projects





# Key Projects

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- **Washeteria Completion**
  - Summit Logistics/Subcontractors – complete install work
  - ARO FEMC Crew – Punch list items, install stairs and ADA ramp to building
  - NSF – Commissioning of building – QED, ARO Engineering
  - Early April

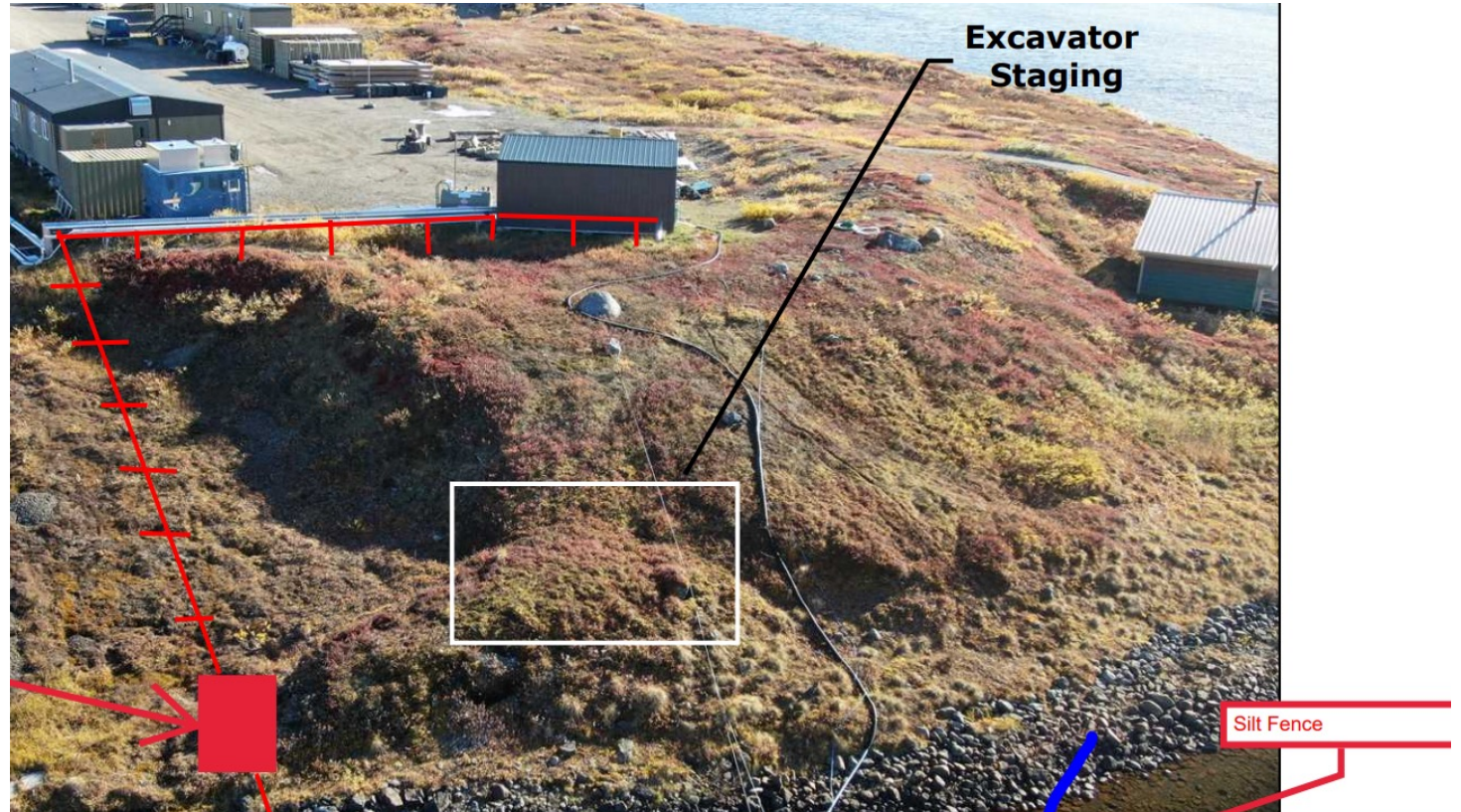




# Key Projects

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- Toolik Well
  - Construction and Installation of a Water-In-Take System
  - Battelle ARO Team will self preform this Fall





# Other Projects

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- Generator Fire Suppression System – Subcontractor preformed
- Garage Waste Heat – Rework of waste heat run behind Garage
- Science Outhouse Tower Tank Replacement
- (3) Roofing Projects
  - Musk Ox Dormitory
  - Wet Lab
  - Dry Lab
- General Preventative Maintenance on all Buildings





# Science Support and Projects

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- Bret-Harte – ITEX power system at Imnaviat Creek
- Evans – Install some Boardwalk (BW) , and inspect/maintain weirs
- Griffin – LTER BW maintenance and repair
- Herndon – Boardwalk
- Moody – BW and some PV work on shades
- Available for some unplanned tasking



# Projects in Question

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- Road Crossing – water supply line work – defer
- Dining Hall Waste Tank – Prep work – defer until work preformed
- Dining Hall Fuel Platform – defer -waiting on direction on waste heat.
- Dining Hall ADA Ramp – defer





# Alternative Approaches to Projects

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- Preventive Maintenance
  - Building Systems – Inspect/Note/ Run to Failure
  - Electrical PM's – Inspect/ Note/ Extend PM's to industry standard 3-5 years
  - Plumbing PM's – Inspect/Note/ Address as needed
- ARO FEMC/IAB – Combination of Labor Efforts







# Look Ahead

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- APP24 Projects – Begin thinking and planning now
- Earlier On Site Toolik Annual Meeting – Better Scope Definition/Efficiencies
- Working together on the ARC of making Toolik a great place to do Science.