

# Large LNG Storage Tank Construction Update

- **EPC Tank Contractor Selected: Preload Cryogenics**

- Contract signed December 22, begin work December 28, 2017
- Tank Excavation Completed in February
- Flat-Loop Evaporators placed in March
- Backfilling and instrumentation placed in March
- Rat Slab for tank poured in Mid-March,
- Tank Slab Forms, Rebar and instrumentation placement began Mid-March
- First Panel of outer tank poured at Anchorage Sand & Gravel March 30
- Tank Slab poured April 12
- Flat Loop Evaporators are operating (22 degrees)



# Large LNG Storage Tank Construction Update

## **Fairbanks Tank Foundation Pour**

- 1800 CY of concrete, 90 Tons of steel in the foundation
- Approximately 50 personnel on site
- Local subcontractor, Rady Concrete of North Pole responsible for this work
- Three pumper trucks and a spar
- All three Concrete plants produced concrete for the pour, 26 different delivery trucks
- Work completed in one day





























# Large LNG Storage Tank Construction Update

## **Anchorage Precast Panels:**

- Anchorage Sand & Gravel responsible for the precast panels
- Approximately 88' long, 8' wide
- Each panel has 36, 5/8" cables prestressed to over 40,000 LBS.
- Each Panel has over 3100 studs attached
- Anchorage Fabricators Superior Welding and Machine, Greer, Alaska Steel and Weona Corporation preparing the panels
- Currently producing one panel / day
- Shipping anticipated after road restriction are lifted about June 1





















# Large LNG Storage Tank Construction Update

- Next Steps for April / May
  - Prepare to Backfill for remainder of pad
  - Fabricate outer walls (Anchorage Sand and Gravel)
  - Fabricate inner walls and ship to site
  - Order long lead items for Balance of Plant, vaporizers, compressors, valves
  - Prepare tank roof submittal to the Alaska State Fire Marshall
  - Complete tank dome roof design and ship materials to site

