

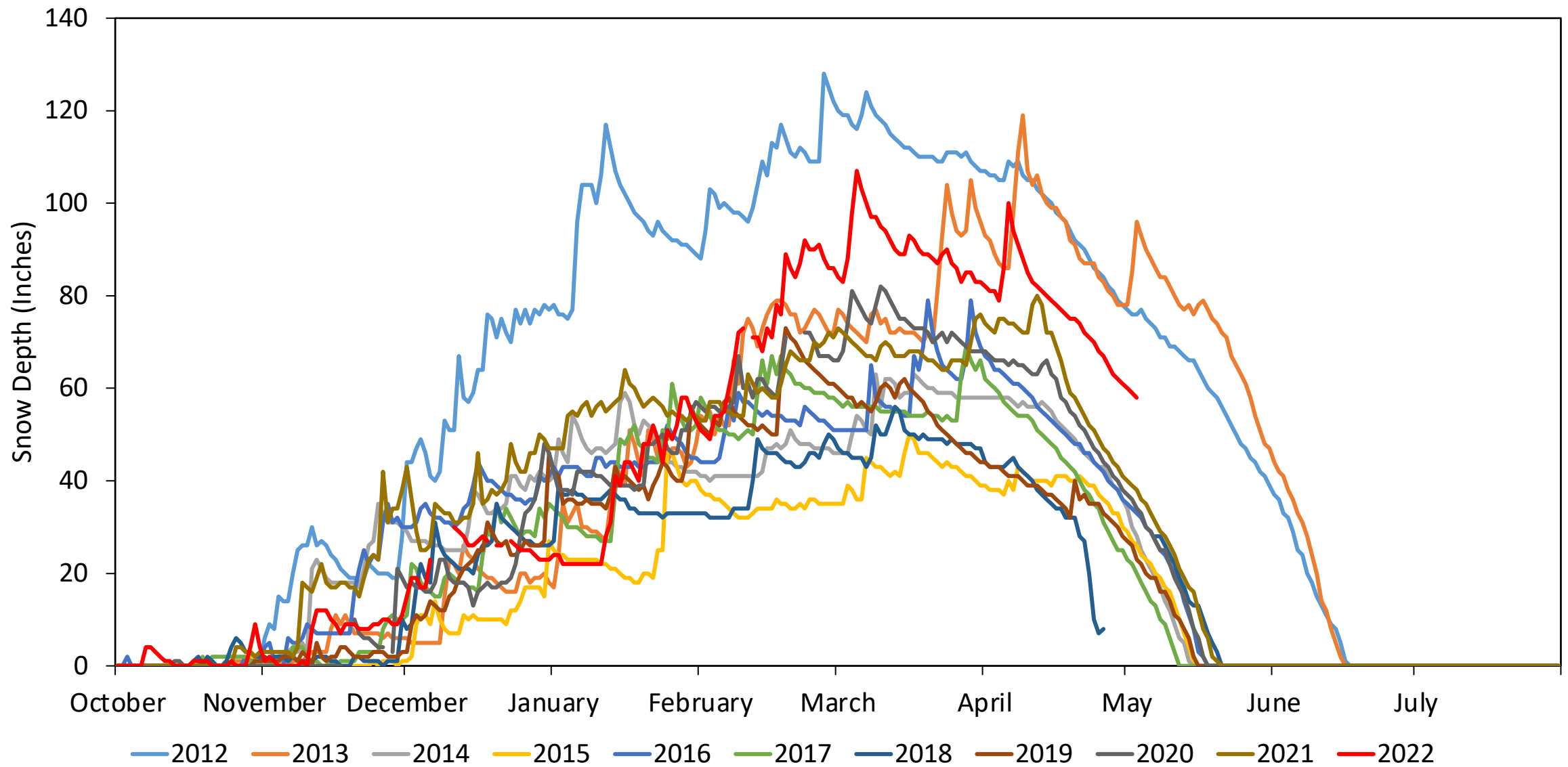


# Crude Oil Tank Pressure-Vacuum Vent Damage

Austin Love & Bill Mott (Taku Engineering)

Prince William Sound Regional Citizens' Advisory  
Council

September 2022



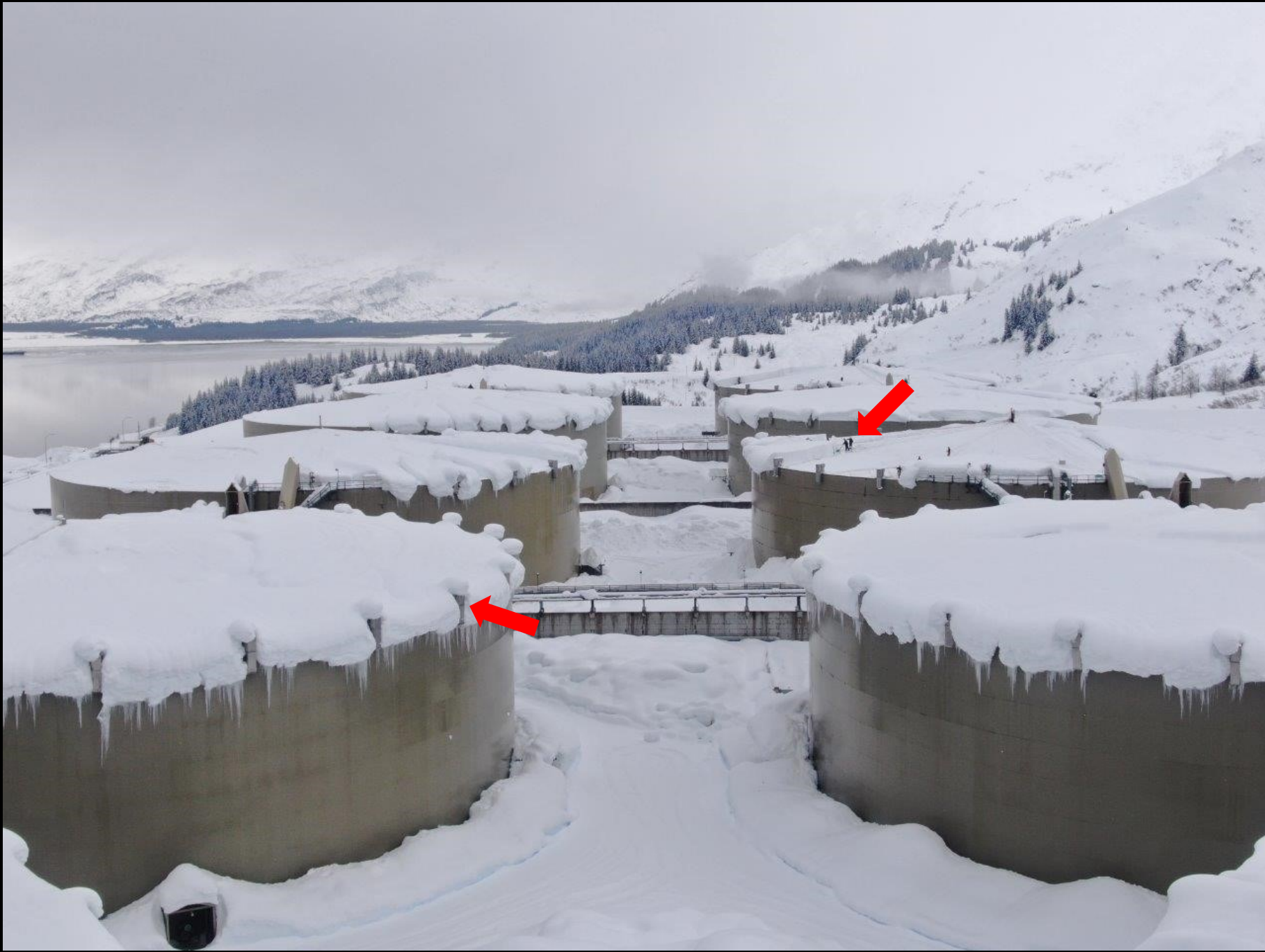




EAST TANK FARM

NORTH





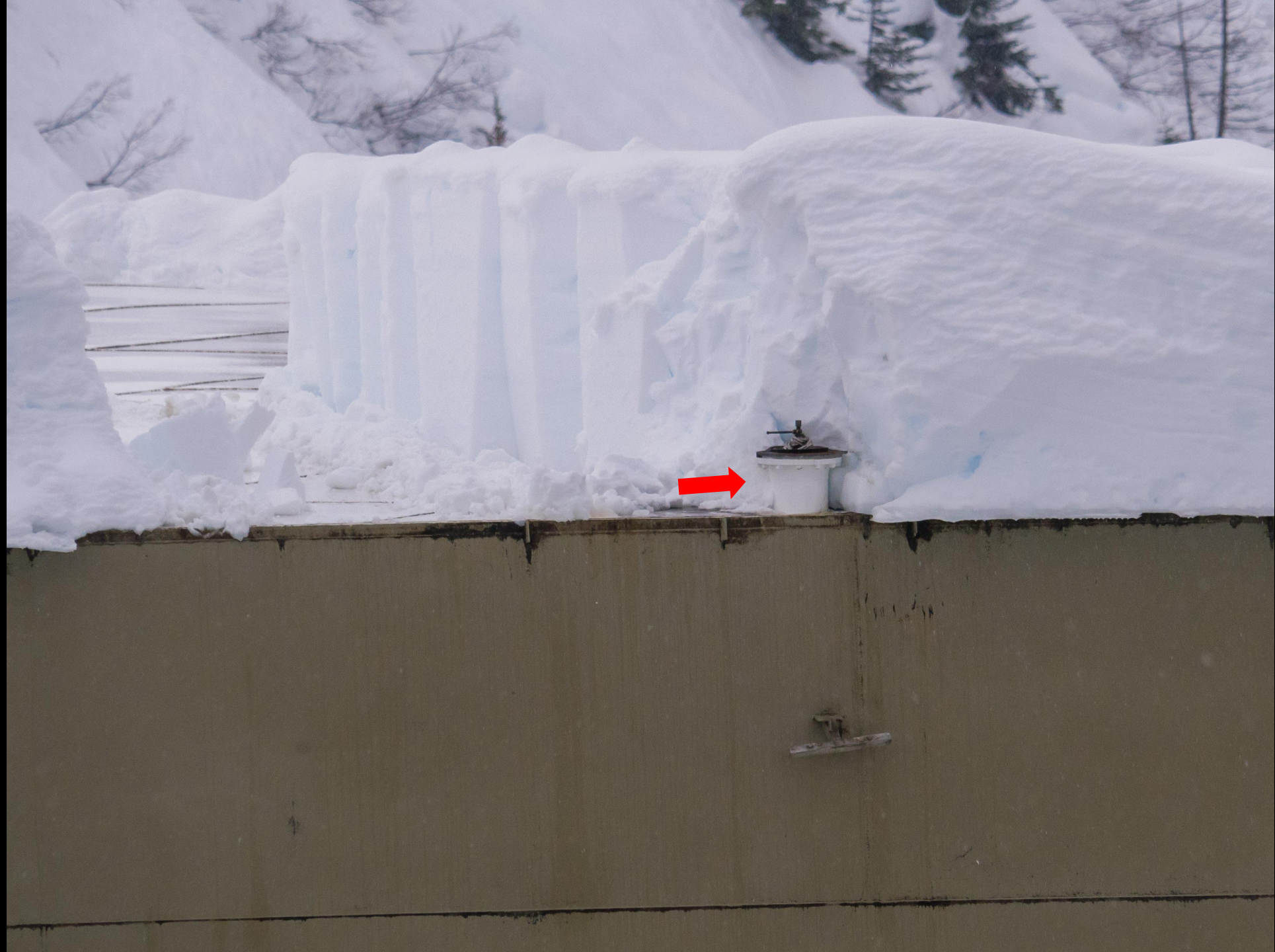


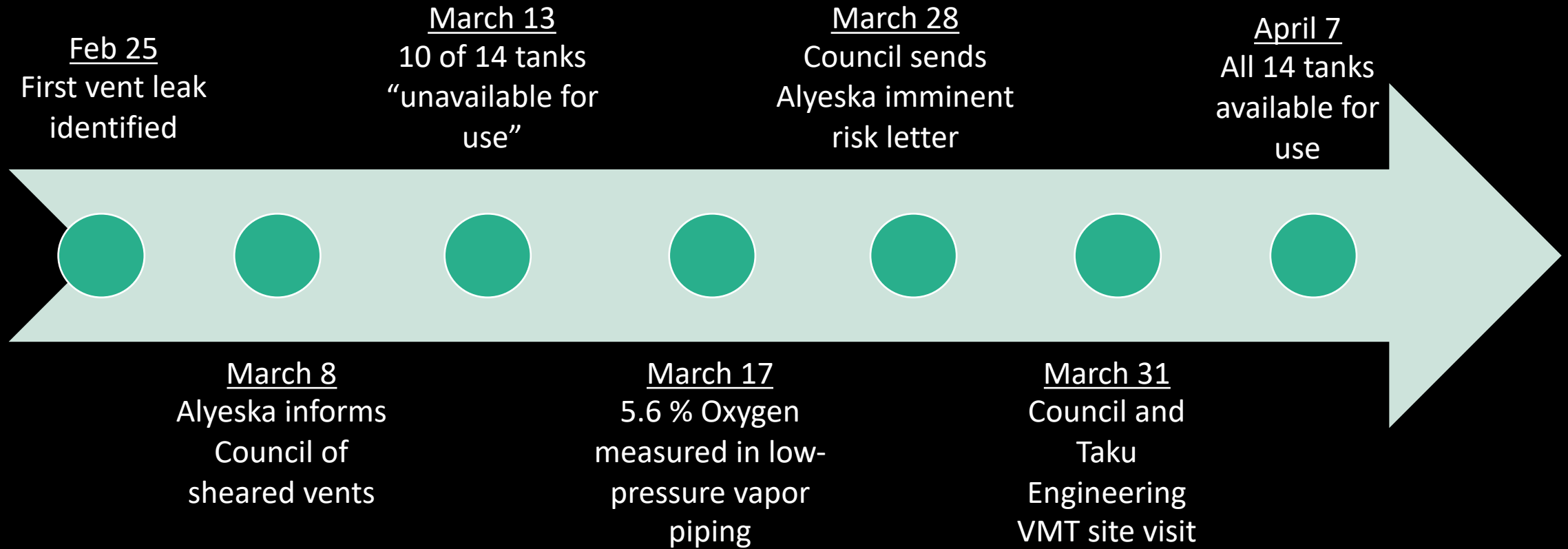




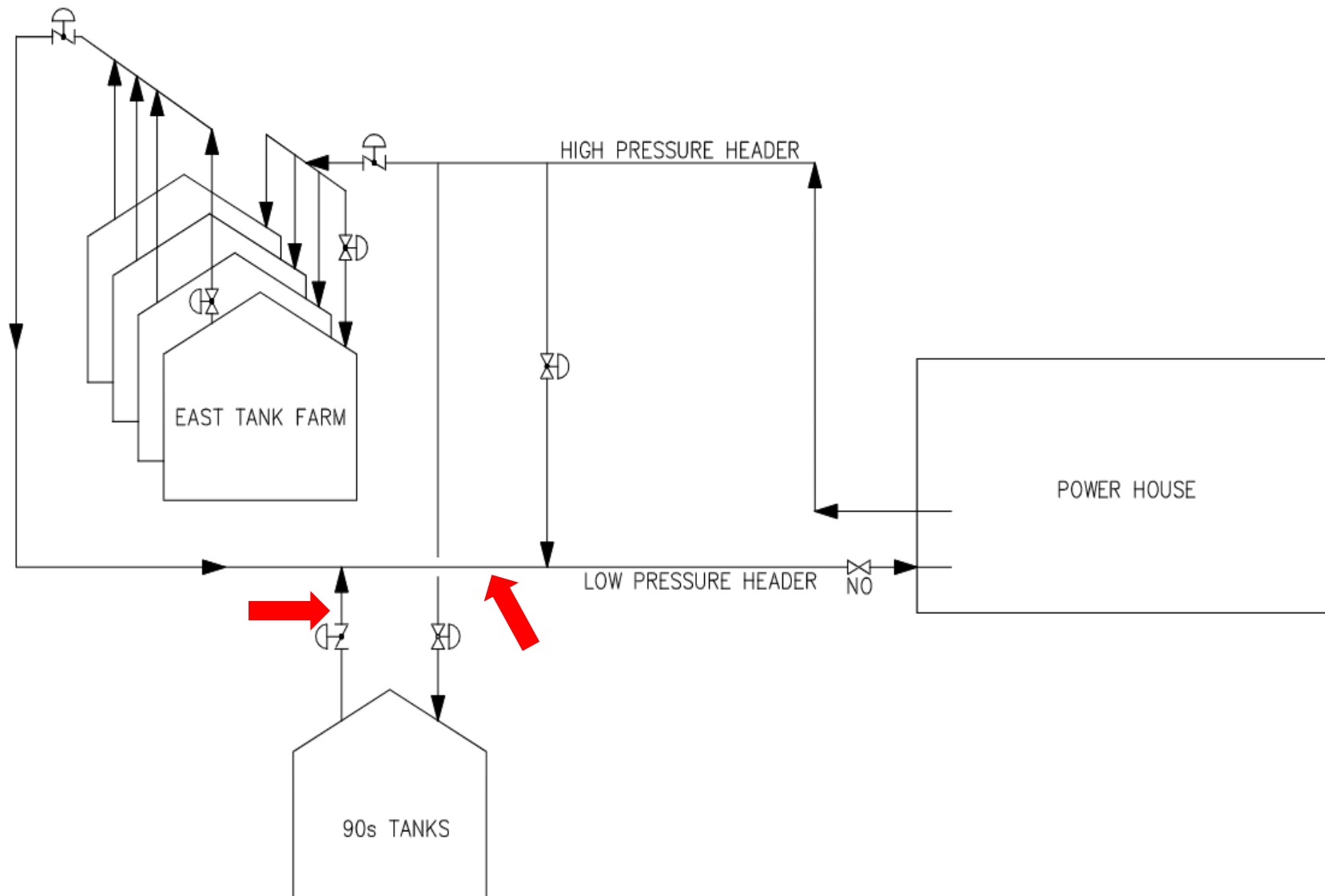






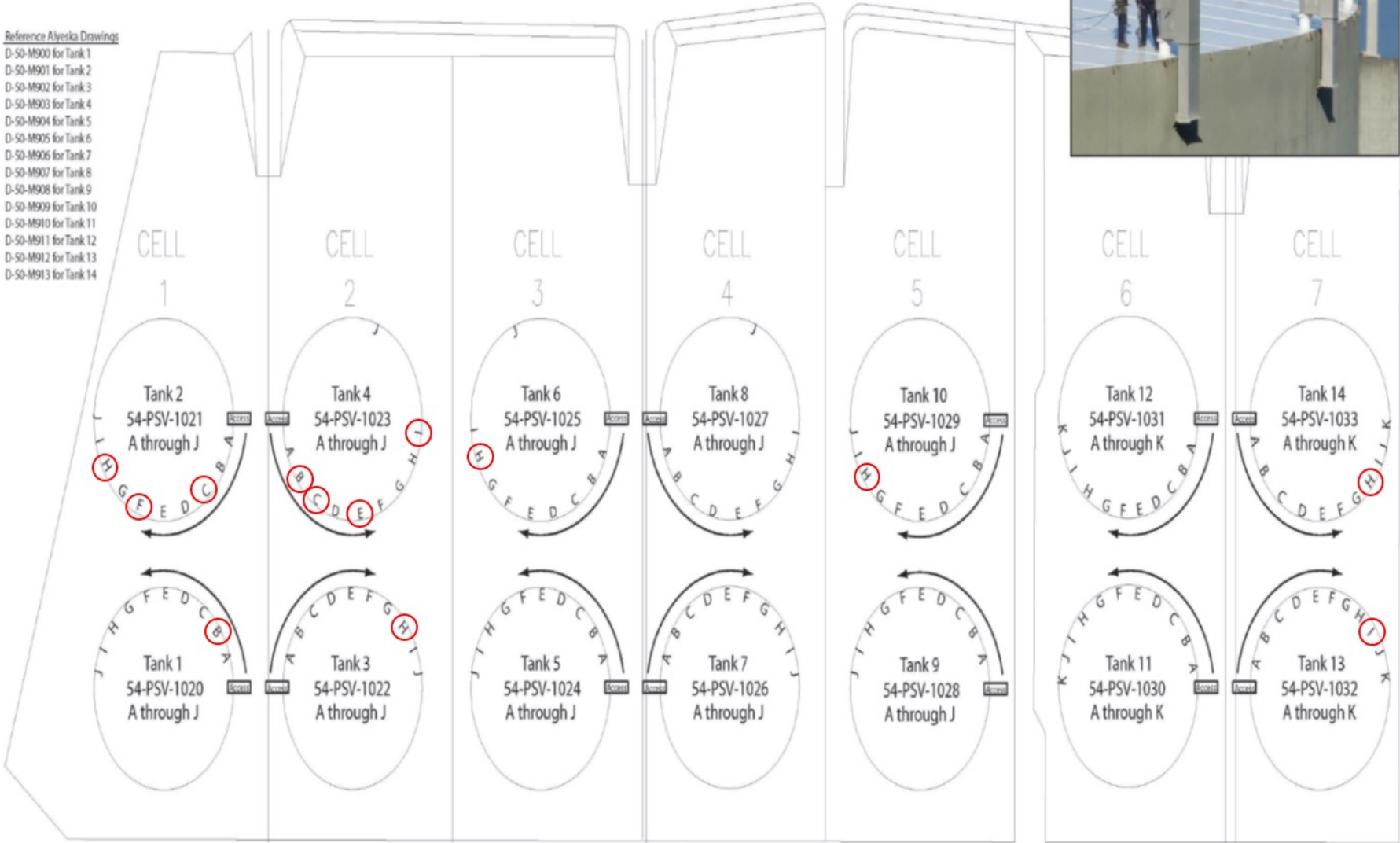




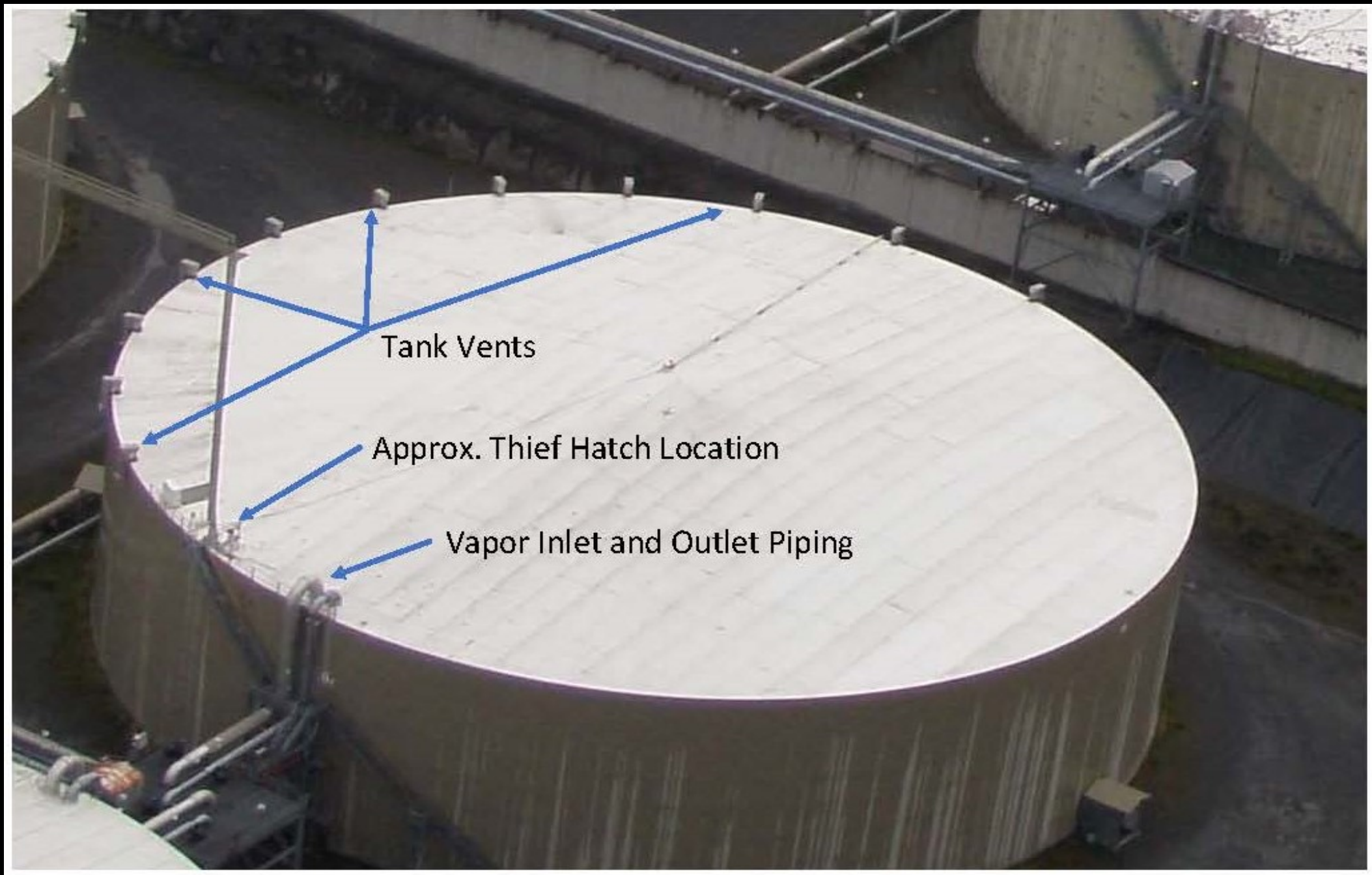


# East Tank Farm Vacuum Vent Valve Tag Numbering

Reference Alyeska Drawings  
D-50-M900 for Tank 1  
D-50-M901 for Tank 2  
D-50-M902 for Tank 3  
D-50-M903 for Tank 4  
D-50-M904 for Tank 5  
D-50-M905 for Tank 6  
D-50-M906 for Tank 7  
D-50-M907 for Tank 8  
D-50-M908 for Tank 9  
D-50-M909 for Tank 10  
D-50-M910 for Tank 11  
D-50-M911 for Tank 12  
D-50-M912 for Tank 13  
D-50-M913 for Tank 14







# TAKU INITIAL RECOMMENDATIONS

- More oxygen monitoring locations are needed
- Alyeska should work closely and openly with Council to better model the vapor system
- Alyeska should conduct an open lessons learned assessment including Council participation



# Path Ahead

- Continue monitoring vent repairs
- Continue monitoring federal and state investigations and inquiries
- Improve oxygen concentration analysis

