

# ***ALPENA CRTC***

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## **Environmental & Energy Activities**



**OVERALL BRIEFING CLASSIFICATION:  
UNCLASSIFIED**

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# ***CRTC Energy Initiatives***



- Fire station geothermal
  - Horizontal Well field
  - 3,796 MMBTU's in savings
- Troop Quarters
  - LEED
  - 33% energy savings – 1,392 MMBTU's
- Smart meter project
- Controls upgrades
- Building manager training





# Site 9 Remediation



- Site 9 located in the vicinity of 2 UST's (removed)
  - Tanks showed no signs of leakage
  - Contamination suspected from filling practices
- Reduce contamination below MDEQ standards
  - Xylenes, Naphtlalene, Trimethylbenzene
  - Treating Chemically & biologically
    - 2 rounds of 20 injections with RegenOx
  - On site mobile lab





# ESOH CAMP Lessons Learned



- Developing a Tier I and II inspection database
  - Tracks shop and ESOH team inspections
  
- Secondary Containment at AGE
  - Combined 1,600 Gallons of JP8
  
- EESOH-MIS overhaul
  - HazMat tracking module
  - Tracks processes for Env., Safety and Bioenvironmental
  - Communication between ESOH team and Shops
    - Increased worker safety and reduced waste streams

