Area 10 Facility

TOCDF

Sampling plan

Two igloos are to be modified to accommodate sampling all ton containers (TCs)

- All TCs will be analyzed
  - Samples will be analyzed for all Human Health Risk Assessment metals
  - TCs will be segregated on mercury results
    - Primary segregation point
    - ≤1 ppm in liquid will be baseline processing
    - >1 ppm in liquid will be non-baseline processing
- A heel depth will be determined
    - Secondary segregation point
    - TCs with low heels will be baseline processing
- 3 glove boxes per igloo capable of containing 5 TCs each
- Decon supply & collection system
- HVAC, fire protection & alarm system

Glove box Engineering Controls allow for reduced PPE during operations

10-15 ton containers/day in alternating igloos

- One day to sample & one day to decontaminate
- Will sample 5 days a week

Sampling technique will be approved by the Division of Solid and Hazardous Waste and will not be part of the TOCDF Waste Analysis Plan