Sample Crawler
Versatrax 450
Manufactured
By
Inuktun USA
- First used to sample Tanks 5 & 6
- Due to radiological concerns left in tank after use.

- Designed for pipe inspections
- 20” L x 15” W x 13” H
  (20” w/camera Raised)
- Weight - 100lbs
- Material – Aluminum
- 2 cameras / lights (3 sets)
- Manipulator – 4 function arm

Modification made by SRR base on lessons learned

- Skids (assist in transiting coils)
- Lifting bail – allows deployment in tank
- Replaced arm fasteners with hardened bolts
- Added undercarriage cage
- Replaced aluminum tracks with stainless steel
- Added splash guard for camera

SRR-LWE-2014-00144
Sept. 15th, 2014
Tank Characterization Sampling Overview

Challenges

Limited Access

Tank 5 Crawler insertion

Internal Obstruction

Tank 5 Cooling coils before sampling/grouting

First Time Operations (Tank 12)

Multiple Crawler Operation

Tank 12 Two crawler sample hand off

Wet Sampling

Tank 12 Sampling through water

SRR-LWE-2014-00144
Sept. 15th, 2014