

Project Overview

Asset Condition Reporting System
FNTSAG Technical Workshop
November, 2008

ACRS Definition

- **INAC Corporate Manuals System**
 - http://www.ainc-inac.gc.ca/ps/hsg/cih/dl/oan_e.pdf
 - Module of ICMS
 - Assessment of general condition and O & M effort of on-reserve INAC funded assets
 - Info and cost estimates for repair and reconstruction needs
 - Estimate of remaining life

Project Requirements (INAC)

- all reserve assets subsidized by INAC inspected every three years by outside agency (previously 5 year cycle)
- Maintenance projects identified and given priority based upon Health and Safety
- Verification of asset base
- INAC performance indicators generated automatically from inspections input

Why FN(A)TSAG

- INAC identified issues existing process
- Cost increasing
- Different consultants different processes
- Inconsistencies in final reports

Why FN(TSAG)TSAG

- Our mandate provides for those services
- We are responsible to First Nations for products
- We can address most of the issues arising from present process
- We can enhance the product

FN(A)TSAG

- **Specific Asset Management Group**
 - Manager
 - Engineer (Cliff)
 - 2 Technologist (Don & Jennifer)
 - Data Person (Kayla)



Initial Process

- Create Files using all info sources**
 - Initial meeting to review and validate existing info and to add new
 - Inspection cycle with FN operators
 - Meeting to review draft report
 - Meeting to review final
 - Interim meetings if necessary

Schedule

2007/08

1. WCTC (Horse Lake; Duncan's; Sturgeon Lake)
2. LSLIRC (Sawridge; Swan River; Driftpile; Kapawe'no; Sucker Creek)
3. KTC (Whitefish Lake No 459; Loon River; Woodland)
4. NPTC (Beaver)
5. Four Nations (Louis Bull; Montana)

2008/09

1. Treaty 7 (Tsuu T'ina; Piikuni; Blood; Stoney; Siksika)

Sample Assets



Results to Date

- **Western Cree completed**
 - Binders and DVDs delivered. Revising Sturgeon Lake as per FN request)
- **Kee Tas Kee Now**
 - Loon River Final Report complete
 - WFL Final report underway
 - Woodland Final report underway
 - Building inspections complete

Results to Date

- **LSLIRC**

- Sawridge Interim underway
- Swan River Interim underway
- Kapawe'no Interim underway
- Driftpile Field Complete. Data input underway
- Sucker Creek Field complete. Data input underway

Results to Date

- **North Peace**

- **Beaver Final Complete**

- Four Nations**

- Montana Field Complete**

- Louis Bull Field Complete**

- Treaty 7**

- Field Complete excepting Stoney and Siksika**

Final result per facility

Report per asset

Summary of Assets

Summary of changes

Summary of needs by asset

Asset File c/w needs;pictures;etc.

Narrative on overall condition and major health and safety issues

Improvements

- **Inspection Process**
 - Done with operators
 - Improved feedback to operators
 - On-site explanations of findings
 - Actual demo on some activities (boiler water treatment, filter replacement)
 - Actual work defined to correct

Improvements

- **Reporting**

- Binders and DVD format considered ideal for future use
 - By operators
 - By Program reporting to Chief and Council
- Links between needs and pictures
- Feedback positive at follow up meetings
- Interim reports to FN's re. serious issues

Future Improvements

- **Apparent that lack of knowledge affects degree of maintenance**
 - Plan specific course on building envelope integrity
 - Plan specific courses for boiler treatment and operation
 - Plan small courses on controls
 - Overall Preventative Maintenance Planning assistance