



## First Nations (Alberta) Technical Services Advisory Group

*"Be a leader with integrity by cooperatively providing a safe sustainable future for First Nations through quality technical services."*



# Asset Condition Reporting

- AANDC requirements:
  - For AANDC subsidized assets only (every three years)
    - Verify assets
    - Inspect assets and identify deficiencies
    - Sketches , etc. showing location

# Asset Condition Reporting

- What TSAG does
  - Do subsidized and non-subsidized (not commercial and not if FN doesn,t want)
  - We focus on FN need not just INAC
  - We now GPS and map roads for FN
  - We are starting show maps on buildings with W/WW next.
  - We are now started School pilot

# Asset Condition Reporting

- Started Fall of 2007
  - To date we have completed all except 5
    - 3 in draft await approval by FN
    - 2 now being prepared for draft
- Second round now underway
  - Inspections complete on 18 FN's
  - Reports for 11 are 50%
  - Reports for 1 in draft

# Asset Condition Deficiencies

- Subsidised Assets (AANDC rollup Mar, 2010)
  - Buildings \$43.7M
  - Water \$13.9M
  - Wastewater \$ 8.5M
  - Roads \$ 59.4M
- Unfunded Assets
  - \$15.5 M Not close to total unfunded as no commercial or Ec. Dev included. Dependent upon consultant or request

# School Pilot

- Asset Condition Report indicate \$6.6M Mar. 2010 deficiency list from AANDC
- Schools assumed to be 100% subsidy from AANDC
- Most schools now less than 30 years old
- Showing signs of wear due to number of issues
- Felt we could help by starting maintenance pilot with annual inspection



# School Pilot

- Started process
  - Reviewed availability of information (SPOSA & other sources)
  - Start put together binders
    - 1 day training Boilers and HVAC
    - Boiler log (record Temp, press, ph, etc. daily)
    - HVAC log (filters,air flow, etc. daily)
    - Daily, weekly, monthly, annual inspection checklists

# School Pilot

- To initiate meet with FN officials and Maint personnel
- Explain our intent and clarify no money just advise, training, and assistance.
- Don (TSAG) and Maint Personnel then proceed to annual inspection.
- Initiate day training on specifically boilers and HVAC

# School Pilot

- Explain binder and why logs
- Explain operation and key components of Systems
- Go ahead checkpoints and why
- Demonstrate testing and minor repairs
- Check automation controls, etc.
- Other items specific to school

# School Pilot

- Later
  - Followup with operators to see progress
  - Return visits
  - Will reassess progress prior to end year
  - Revise binders for specific locations and applications
  - Revise training to cover weaknesses , etc.