



# Water Strategy Alberta Region

**Presentation to : TSAG Annual  
Technical Workshop  
Date : Nov 1, 2011**



# Roles and Responsibilities

## ■ Mandate:

### ◆ Aboriginal Affairs and Northern Development Canada (AANDC) supports Aboriginal people (First Nations, Inuit and Métis) and Northerners in their efforts to:

- improve social well-being and economic prosperity;
- develop healthier, more sustainable communities; and
- participate more fully in Canada's political, social and economic development - to the benefit of all Canadians.

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# Roles and Responsibilities

- **Aboriginal Affairs and Northern Development Canada (AANDC)**
  - ◆ Provides funding and advice regarding design, construction, operation and maintenance of water and wastewater facilities
  - ◆ Reviews designs in collaboration with Health Canada and Environment Canada
  - ◆ Sets standards through protocols
  - ◆ Provides funding for training staff such as water treatment plant operators

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# Roles and Responsibilities

## ■ First Nations

- ◆ Own, manage and operate water and wastewater services
- ◆ Monitor water and waste water systems
- ◆ Design and construct facilities in accordance with established standards
- ◆ Issue Drinking Water Advisories, typically on the recommendation of Health Canada, or on their own initiative in emergency situations

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# Roles and Responsibilities

## ■ Health Canada

- ◆ Ensures that monitoring programs for drinking water quality are in place on-reserve south of 60°
- ◆ Helps First Nation communities identify potential drinking water quality problems
- ◆ Provides advices, guidance and recommendations to First Nation communities about drinking water safety and safe disposal of on-site domestic sewage
- ◆ Verifies monitoring of the overall quality of drinking water at tap, and reviews, interprets and disseminates results to First Nations
- ◆ Reviews First Nation water and wastewater infrastructure project proposals from a public health perspective

## ■ Environment Canada

- ◆ Regulates treatment of wastewater discharged to receiving waters
- ◆ Provides advice and guidance on source water protection and sustainable water use

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# Capital and Facilities Maintenance Program

- Policy and Procedure
  - ◆ New Management Control Framework (MCF)
- Administer Capital Budgets
  - ◆ Regional Infrastructure (A-Base )
  - ◆ Housing
  - ◆ O & M
  - ◆ Gathering Strength
  - ◆ FNIF
  - ◆ FNWWAP
  - ◆ Emergency Management
- Administer Operation and Maintenance Program
  - ◆ ACRS
  - ◆ Maintenance Management
- Housing
  - ◆ Ministerial Loan Guarantees
- Water Strategy
- Education Facilities
- Multipurpose Facilities

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# Capital and Facilities Maintenance Program

## ■ Budgets

- ◆ **FNWWAP - \$11,005,691**
- ◆ **GS - \$4,721,660**
- ◆ **FNIF - \$11,806,017**
- ◆ **GTF - \$6,919,538**
- ◆ **Regional - \$6,337,975**

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## **FN Cost Share Request Breakdown FY 2011/2012**

- Water & Wastewater - \$172,378,921**
- Other Infrastructure - \$72,470,932**
- Not Rated - \$257,222,974**

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## **TECHNICAL SERVICES ADVISORY GROUP (TSAG)**

- Asset Condition Reporting System (ACRS) Inspections**
- Provide Oversight function and annual inspections for W & WW systems**
- Ongoing support to First Nations through the CRTP**
- Annual School Inspections & MMP Development for School facilities**
- Connectivity**
- Remote Monitoring**

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# National Water and Wastewater Assessment

- Reports released July 14, 2011
- Reports mailed to all FN's
- Increase in the number of High/Med risk systems nationally
- AB Region Results
  - ◆ Water :
    - High Risk - 21
    - Med Risk - 48
    - Low - 13
  - ◆ Wastewater :
    - High Risk - 12
    - Med Risk - 44
    - Low Risk – 17
- Website
  - ◆ <http://www.aadnc-aandc.gc.ca/eng/1313426883501>

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# AB Region – Plan Forward

## ■ FY 2010/11

- ◆ 4 WTP projects identified and approved for funding on Oct 20, 2011
  - Related to Design Risk
- ◆ Projects ongoing

## ■ FY 2011/12

- ◆ 15 feasibility studies approved
  - Developing ToR to meet CFM Program requirements and MCF Documentation
- ◆ 3 designs approved
- ◆ 23 minor projects approved

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# AB Region – Plan Forward

- FNWWAP program ends Mar 31, 2012
  - ◆ HQ developing next steps for FNWWAP Strategy renewal
- Challenge
  - ◆ Address High / Med Risk systems
  - ◆ Primary focus on:
    - Operations
    - Reporting
    - Operators
- CRTP Implications
  - ◆ Address high/med operations risks
  - ◆ Focus on operator training
  - ◆ Expansion of CRTP
  - ◆ Annual Inspections of water and wastewater systems
  - ◆ Quarterly reporting requirements to HQ
  - ◆ SWOP

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# Other Initiatives

- ✦ Weekly DWA Mtgs
- ✦ DWA Work plan
- ✦ AB Environment
  - ✦ WNA's – T7
- ✦ IDCMWW
  - ✦ Regional water and wastewater systems
    - Northern Sunrise County (NSC) Regional Water System (Woodland Cree FN / Village of Nampa / NSC)
      - \$58 M total project cost / INAC \$4.3 M
    - West Inter Lake District (WILD) Regional Water
      - 18 partners / Paul Band & Alexis FN
    - Pigeon Lake Wastewater Collection System
      - SE Pigeon Lake / 4 Hobbema Bands

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