The Saskatchewan Experience
The Saskatchewan Experience

• Process followed in Saskatchewan
• Town of Macklin Experience
• Other Participant Results
• Future Direction and Challenges
NAMS Training

• Who attended
  – 4 communities from Saskatchewan (Saskatoon)
    • City of Humboldt
    • Town of Macklin
    • Town of Shellbrook
    • RM of Wilton

• Also had representatives from municipal associations
  – UMAAS
  – RMAA
  – GFOA
  – Government of Saskatchewan Municipal Affairs staff
NAMS Training

• Municipalities were represented by
  – Elected officials
  – Administrators
  – Public Works
  – Engineering Staff
  – Finance Staff
NAMS Training

• March 2011 - Pilot Projects initiated with financial assistance from Federal, Provincial and participating municipalities
• April 2011 – Participants collect and submit data
• June 2011 – Three day NAMS training
• September 2011 – Submission of Plans for peer review
• October 2011 – Asset Management Workshop
Keeping Focused & Communicating

- Pilot Project Coordinator – Steve Brown, Municipal Affairs
- VEMAX – Nicole Allen and Dr. Gordon Sparks
- Wally Wells – Asset Management BC
- Monthly conference calls to chart individual municipal progress
- Chris Champion IPWEA participation via Skype
- Allen Mapstone & John Howard
Town of Macklin
Town of Macklin

• Background
  – Population – 1,330
  – Mixed Farming & Oil Industry
  – 70% Population <40
  – Above average income level
  – Average 2% population growth per year
Expectations & Beliefs

• Why did we see this as such an important process?
• What did we hope to gain from this process?
• What did we believe as a community about the condition of our assets?
• Did we have the expertise on staff to complete an asset management plan?
The Town of Macklin

- **The Water & Sewer Service**
- The network comprises:
  - 10,000 meters of water & sewer mainline
  - Treated Water Storage of 600,000 gallons
  - Water Treatment Plant & supply wells
  - Lagoon system capable of treating 350,000 m$^3$ of annual effluent
  - Water Treatment Plant constructed in 2007
  - Lagoon constructed in 2011
- These infrastructure assets have a replacement value of $11.6 million.
Initially the plan showed:
• The water & sewer system is in good shape for the next twenty years
• Current rates were covering close to 100% of operating and renewal costs
• $2.3 million of water and sewer lines would need replacement or renewal at the same time 2035 (20+ years from now)
• Value of our system is continually expanding
Town of Macklin

• **Revised plan shows:**
  • Planned approach to line replacement and renewal
  • Critical analysis allowed us to shorten expected life of problem areas
  • Renewal program will begin in 2017 addressing problem areas
  • Rates have been adjusted by 13.5% in 2011 (previously planned)
  • Rates will be adjusted by a further 8.5% in 2012 to begin funding the system based on this asset plan
  • We are currently providing a high quality system that has the capacity to address current and future initiatives with good planning
Macklin - Fig3 Asset Condition Profile (Water)
How has/will the NAMS system been used

- Critical analysis of our system
- Planned replacement or renewal of the system
- Articulate our expected level of service
- Analyse the true cost of expanding our assets
- Common language for Council, Administration and Staff
- Continuity
  - Less reactionary expenditures
  - Less budgetary fluctuation based on Council desires
  - Stability of direction in the event of Council or staff changes
Anticipated Challenges

• Aligning Community expectations with ability to fund
• Educating Staff & Council while keeping momentum
• Adopting a long term (20 year) financial plan that takes into account all asset categories & following it
• Infrastructure Grant Programs tend to be project specific and may not match our long term plan
• Completing a plan for all asset categories
  - may not be as easy to articulate or fund as they do not operate as separate utilities
  - Streets program has suffered due to funding being put into every other area
The RM of Wilton

An integral part of the Lloydminister heavy oil area
RM of Wilton

• Background
  – Population – 1,560
  – Serves 2,392 active oil wells
  – 760 kilometers of active road
  – 184 kilometers of Primary Corridor Road infrastructure
  – Current Replacement Cost $24.9 million
RM of Wilton - Results from the pilot

- The projected cost to provide the services covered by this Plan includes operations, maintenance, renewal and upgrade of existing assets over the **10 year** planning period
  - $115.8 million or $11.58 million per year

- Council’s estimated available funding for this period
  - $44.67 million or $4.47 million per year
City of Humboldt

• Background
  – Population – 5,925
  – Asset Class – Water Distribution Network
City of Humboldt background

• The City of Humboldt Water Distribution line consists of;
  
  – 150mm Watermain – 30 km
  – 200 mm Watermain – 11 km
  – 250 mm Watermain – 6 km
  – 300 mm Watermain – 1 km
  Total of 48 km of mains

• Current Replacement Cost

• $32,920,000
Humboldt - Results from the pilot

• The projected cost to provide the services covered by this Plan includes operations, maintenance, renewal and upgrade of existing assets over the 10 year planning period
  – $19,329,000 or $1,932,900 per year

• Council’s estimated available funding for this period
  – $13,761,000 or $1,376,100 per year
Summary

• What’s next
• What are our challenges
What is Next for Saskatchewan

- Asset Management Workshop October 19 & 20th
  Representation from Cities, small urban, rural, Provincial Agencies and private corporations
- Second Intake
  - City of Regina
  - 3 small urbans <5,000
  - 2 rural
- Development of an independent Saskatchewan Asset Management Group
- Driving Force – Steve Brown, Municipal Affairs Branch
  Leaving the department to work as CFO for the City of Humboldt
What are our challenges

• How do you entice people to continue planning forward?
• Maybe it is all about giving them some incentive?
• Maybe knowing what our end goal is holds the key!