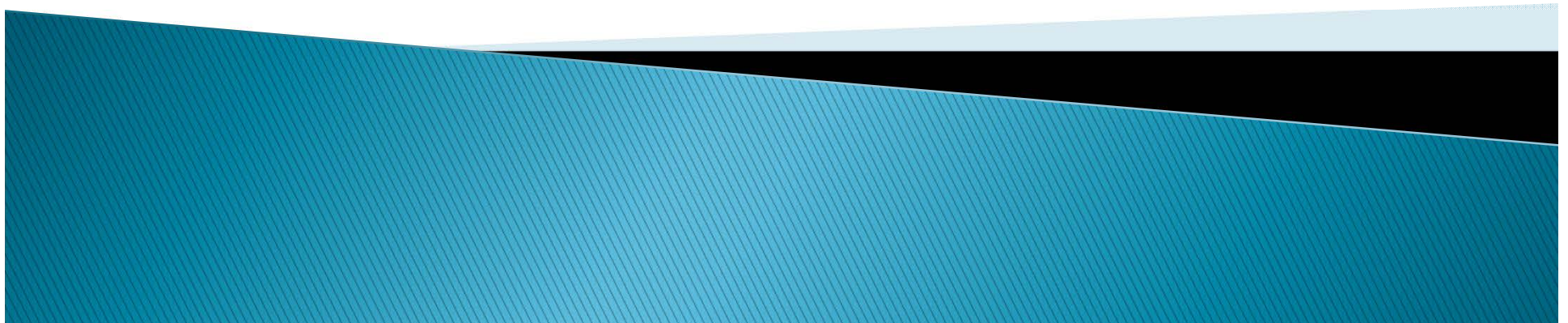


*Contaminated and Impacted Site  
Work in Northern Communities  
along the East Side Road in  
Manitoba*

*Nanci Beaupre, Dillon Consulting Limited*

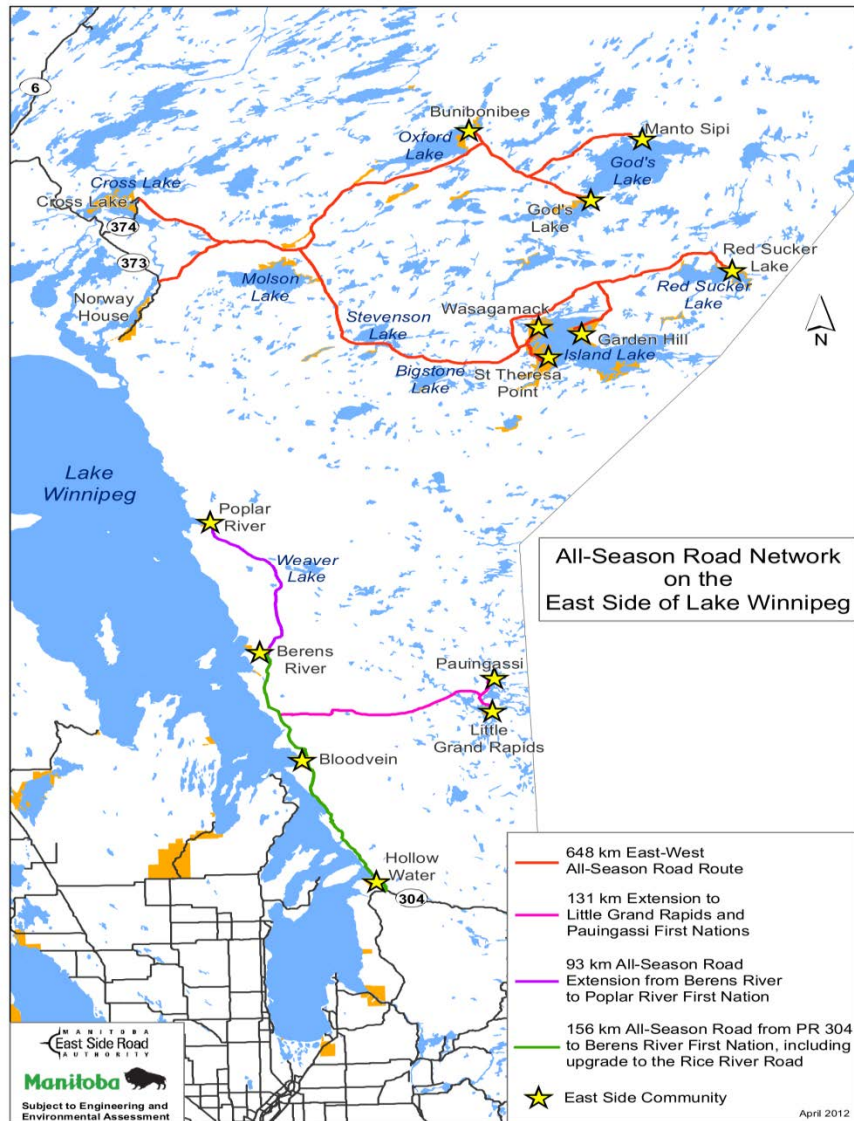


# Outline

- ▶ East Side Road Initiative
  - Overview
  - Objectives
  - Background
  - Benefits
- ▶ Working with Northern Communities
- ▶ Environmental Remedial Work
- ▶ Challenges
- ▶ Improvements



# Overview



- ▶ 83,000 square kilometers
- ▶ Approximately 1 / 8<sup>th</sup> of Manitoba
- ▶ 3,100 lakes
- ▶ 30 major river systems
- ▶ One of the largest intact boreal forests in North America
- ▶ Over 30 Communities
  - 36,000 residents
  - 96% are First Nation people
  - Cree, Ojibway, Oj-Cree & English



# Objectives

- ▶ To better connect northern communities
- ▶ Lower costs of goods & services
- ▶ Provide improved emergency services



# Economic Development in Northern Communities

- ▶ ESRA has committed to invest approximately \$315 million or 35% of the budget into jobs, training and economic development for local residents.
  
- ▶ Aboriginal Benefits and Tendering Strategy
  - Community Benefits Agreement
    - Ensures hiring of residents from the east side communities
    - Provides appropriate training and mentoring
    - Encourages community enterprises and capacity building



# Benefits

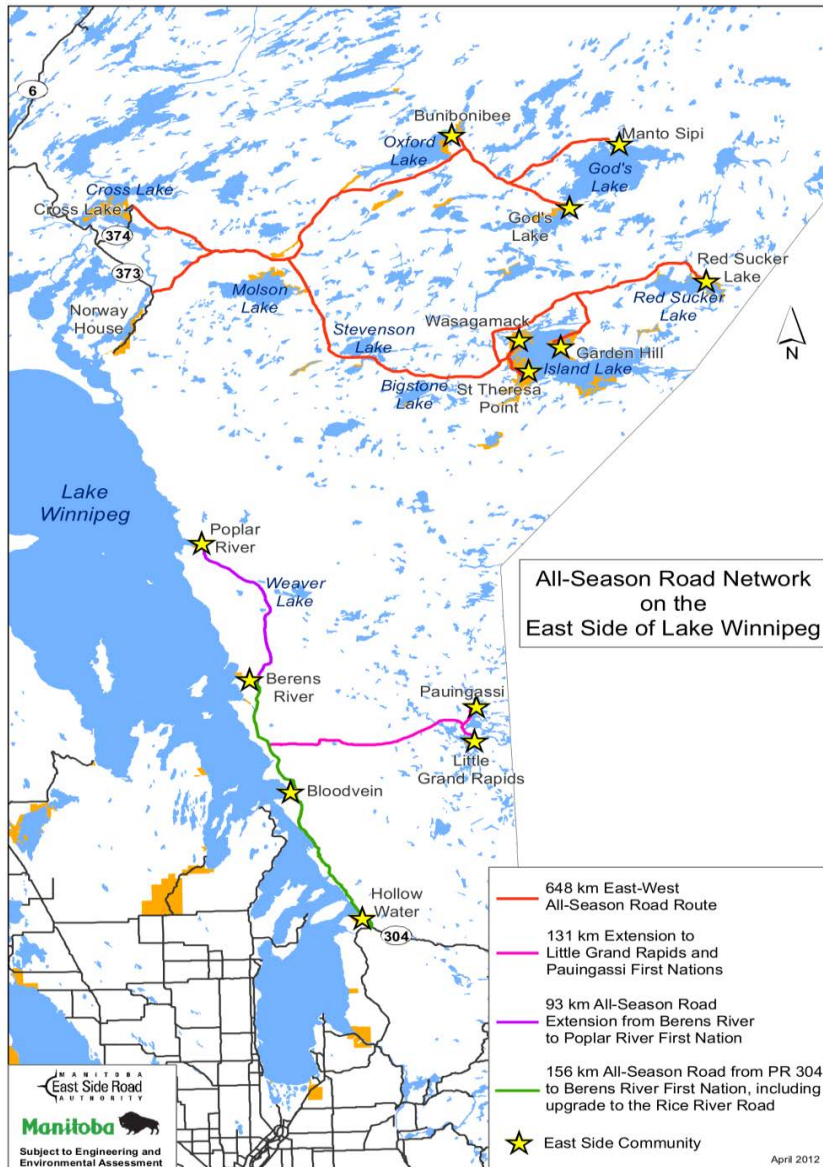




# Reduces the Dangers of using the Winter Roads



# Background



- ▶ November 2008 – Announced mandate for the construction of an all-season road.
- ▶ April 2009 – Introduced Bill 31
- ▶ December 2009 Bill 31 was officially proclaimed establishing the Manitoba Floodway and East Side Road Authority



# Working with Northern Communities


- ▶ Community Engagement
  - Visiting local communities
- ▶ Procurement
  - Local enterprises will receive contracts
- ▶ Training
  - Training programs in heavy equipment operation, engineering, forestry

**MANITOBA**  
**East Side Road**  
**AUTHORITY**  
200 - 155 Carlton Street  
Winnipeg MB R3C 3H8  
Toll-Free #: 1-866-356-6355  
Phone #: (204) 945-4900  
Fax: (204) 945-2462

## REGISTRATION FOR WORK AND TRAINING

Complete this registration and return it to the Manitoba East Side Road Authority in order to ensure your name is registered for possible referral as positions for work and training become available on the East Side Road construction project.

Please print clearly	
NAME:	SIN:
ADDRESS:	NICKNAME:
	BIRTH DATE:
	PHONE # a:
E-MAIL ADDRESS:	PHONE # b:

Voluntary Employment Equity and Residency Declaration	
Are you an Aboriginal Person?	<input type="checkbox"/> NO <input type="checkbox"/> Status Indian (Band name: _____) <input type="checkbox"/> Non-Status Indian <input type="checkbox"/> Metis <input type="checkbox"/> Inuit
Do you live within the East Side Road project area outlined in the map below? YES / NO please circle	
Please circle the area in which you reside: A B or C	
	

September 2012

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# Working with Northern Communities

- ▶ Local Hiring
  - Provide mentoring
  - Local preference
- ▶ Communication
  - Newsletter
  - Media
  - Website
- ▶ Networking Opportunities
  - Local contractors will be introduced to outside contractors and suppliers



# Remedial Work



- ▶ Laydown Area
  - Routine maintenance
  - Equipment Storage
    - Above ground fuel tanks,
    - broken down machinery, and
    - scrap metal
  
- ▶ Right of Way & Bridge Sites
  - Spills or leaks from machinery
  - Abandoned machinery





















# Remedial Work

- ▶ Site Assessment
  - Documentation
  - Photographs
  - Sampling
- ▶ Remediation
  - Removal of material
  - Transport of material
- ▶ Closure
  - Closure sampling
  - Reporting to Manitoba Conservation & ESRA



# Cost and Fees

- ▶ Overall \$3 Billion for 30 years
- ▶ Environmental since 2011 – \$320,000
- ▶ Environmental average \$65,000 per year





# Challenges

- ▶ Source for impacted soil
  - Licensed soil treatment facility
  - Local land farm
  - Temporary stabilization of contaminated material
- ▶ Communication
  - Satellite phone
- ▶ Emergency Services
  - No 911 or emergency services



# Challenges

- ▶ Working with the Community
  - Road blocks
- ▶ Security in Remote Location
  - Vandalism or theft when equipment is unattended
- ▶ Working with inexperienced Contractors
  - Continued spills



# Improvements

- ▶ Routine visits by Environmental Contract Admin.
  - Weekly visits
- ▶ Improvement orders
  - Issued if improvements are required
- ▶ Stop work orders
  - Issued if requirements not met



**STOP WORK ORDER  
NOTICE**



# Recognition

- ▶ Bloodvein First Nation Construction Inc. (BFNCI), *Contractor for the East Side Road Authority*
- ▶ Leanne Shewchuk, *Manager of Special Projects and Environmental Services for the East Side Road Authority (ESRA)*
- ▶ Mike Lau, *Lead Project Manager for Dillon Consulting Limited (Dillon)*
- ▶ Dennis Heinrichs, *Environmental Project Manager for Dillon Consulting Limited (Dillon)*



# Questions?

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