

ATCO Electric Crop Protection Plan



2013 International Clubroot Workshop
June 19-22, 2013

Overview

- **ATCO Electric working with employees, contractors & the community to prevent crop disease**
- **ATCO Electric Crop Protection Best Management Practice**
- **Environmental Protection Plans**
- **Project Overview for HRTD**
- **Project Crop Protection Control Plans**

Working Together to Prevent Crop Disease

- **ATCO Electric Landowner Construction Liaisons (LCL) – maintaining landowner relationships**
- **Community involvement – working with the community and the municipal Counties**
- **Focus on environmental sustainability**



ATCO Electric Crop Protection Best Management Practice

- **Objective** - To minimize or restrict the potential spread of crop disease and noxious weeds through application of an appropriate level of cleaning for equipment...
- **Application of equipment cleaning practices**
- **Limit risk of transporting weeds from infested areas**
- **Emergency event considerations**

Environmental Protection Plans

- **Environmental compliance**
- **Environmental protection measures**
- **Contingency plans**
- **Best management practice**
- **Cleaning procedures and cleaning logs**
- **Project specific crop disease control plans**

HRTD Project Overview

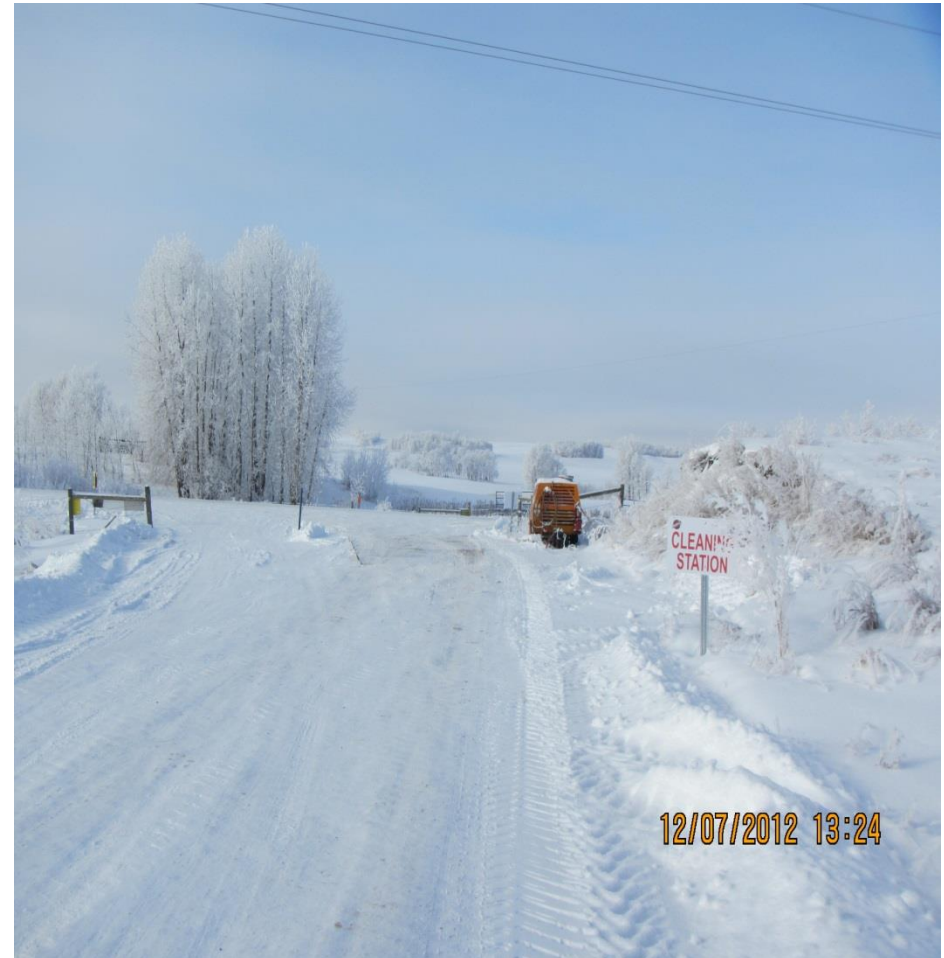
Nevis to Stettler

- 144 kV transmission line from existing Nevis substation to existing Stettler substation
- 35 km line with standard 30 meter right-of-way
- H-frame, monopoles and steel tower structure design



Crop Disease Control Plan

- **Pre-planning with Prime Management Contractor (PMC)**
- **Implementation by contractors**
- **Monitored and enforced by ATCO Electric & PMC**



Crop Disease Control Plan

Considerations

- **Equipment cleaning procedures**
 - Level 1: mechanical
 - Level 2: washing
 - Level 3 disinfecting
- **Standard: Arrive Clean**
- **Job planning to minimize risk**
- **Cleaning station – locations**
- **Single operator or small crew cleaning requirements**
- **Disinfecting tools and other items**

HRTD Crop Disease Control Plan

Best Management Practices are required in counties where crop disease has been confirmed and:

- **Equipment travels through annual cropland parcels, cultivated or zero till cropland (including undeveloped road allowance, private trails and farm lanes in cropland); or**
- **Equipment travels through hay fields or modified pasture and contacts exposed topsoil (e.g. by rutting or traveling over a disturbed sod layer with exposed soil); or**
- **Boots, tools and other items contact exposed topsoil in cropland parcels, hayfields, or modified pasture.**

Crop protection measures are not required:

- **In counties where crop disease is not present; or**
- **Equipment travels over frozen ground without soil adhering to the equipment; or**
- **If the parcel has not been previously disturbed, is not cropland, or a hayfield that is well vegetated; or**
- **Equipment travels only on county or private gravel or paved roads, or travels only on mats.**

HRTD Crop Disease Control Plan

Cleaning Equipment

- Mats, compressor, disinfectant and applicators
- Wash bay
- Additional resources – pickup and 2 laborers per cleaning station

Tracking & Monitoring Commitments

- Log book completion
- Washing receipts
- Entry/Exit checklists

HRTD Crop Disease Control Plan



HRTD Crop Disease Control Plan



HRTD Crop Disease Control Plan



QUESTIONS

