

Creek and Wetland Reclamation Issues

Landowner Oil & Gas Information Workshop
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Overview

- Strathcona County's Reclamation and Conservation Goals
- Successes
- Site Constraints
- Challenges
- Landowner Reclamation Goals
- Moving Forward
- Contacts

Strathcona County's Conservation Goals

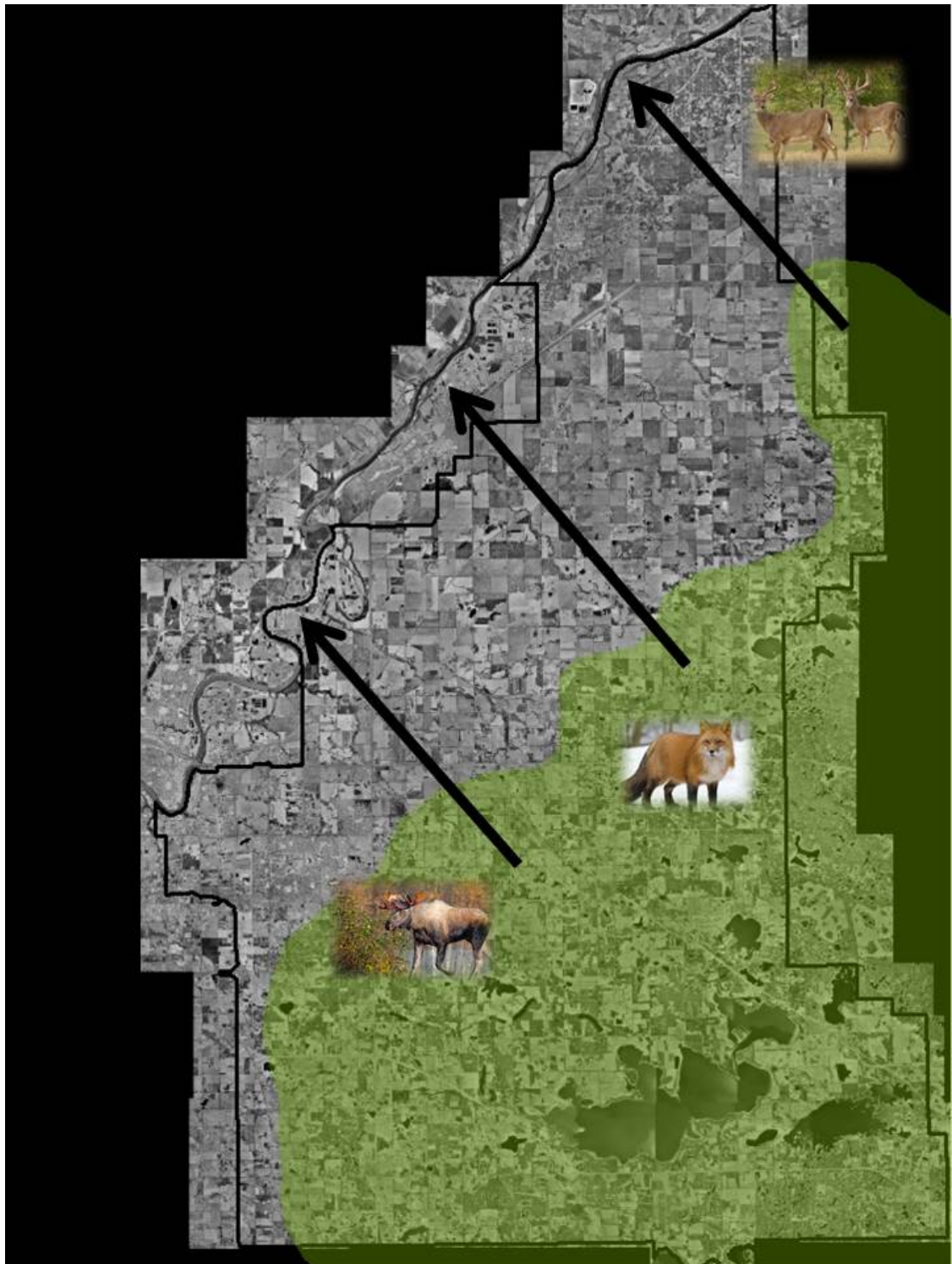
Strathcona County's CONSERVATION GOAL is to protect the integrity of our heritage and natural resources while providing opportunities for appropriate forms of use that will benefit the community. Our conservation goals include:

- a) maintaining viable sustainable populations of native plants and wildlife in their natural habitats;
- b) maintaining heritage resources and values, whether it be a building, monument, or landscape feature;
- c) identifying a network of conservation areas to promote the sustainable use of native habitat and heritage resources to enhance quality of life for all;
- d) restoring and rehabilitating degraded ecosystems, where practical;
- e) developing and implementing management plans to ensure long term viability of the natural and heritage resources; and
- f) educating the public on conservation and sustainability.

Strathcona County's Conservation Goals

- **Municipal Development Plan (MDP)**
 - *The North Saskatchewan River Valley is also a significant natural habitat and serves as a linkage/corridor for wildlife. Connectivity between the North Saskatchewan River Valley and the Beaver Hills Moraine is important and will be maintained through the conservation and/or restoration of the riparian corridors adjacent to the watercourses flowing out of and between the North Saskatchewan River Valley and the rest of the County.*
 - *Encourage the rehabilitation and restoration of disturbed natural areas;*
 - *Identify, conserve and protect to the greatest extent possible, environmentally sensitive lands such as the North Saskatchewan River Valley, the Beaver Hills Moraine and all water bodies;*
- **Strathcona County Strategic Plan**
 - *Our goal is to ensure services are in place to address land, air, water, energy and material use... We recognize the inherent responsibility of every individual and organization to work together to protect and preserve our natural environment.*

Strathcona County's Reclamation Goals



Successes – Erosion Control



Successes – Good Project Managers



Successes – Directional Drilling



Successes – Good Planting/ Maintenance

2008

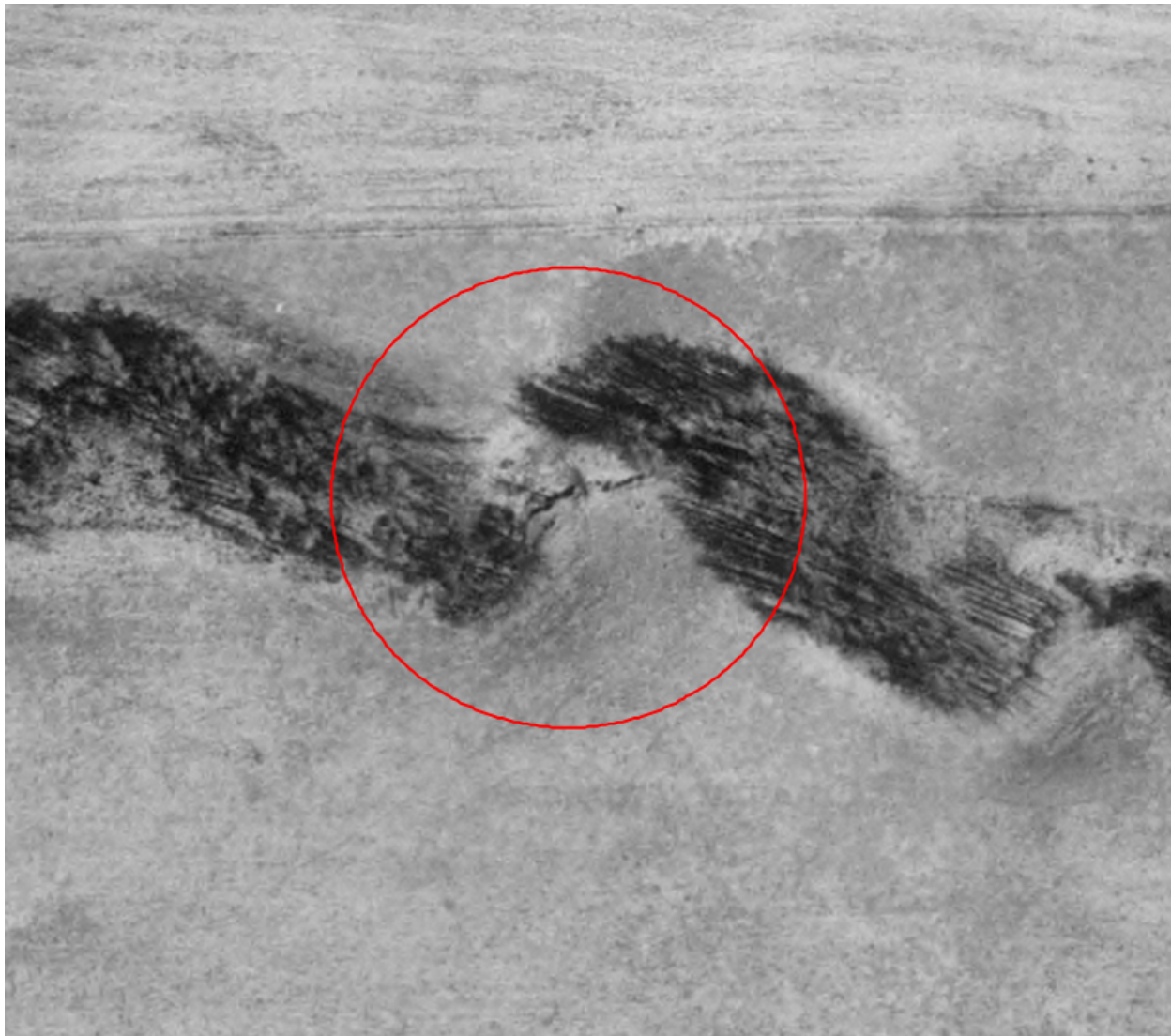


2012



Successes – Pipeline Corridor Width

2001



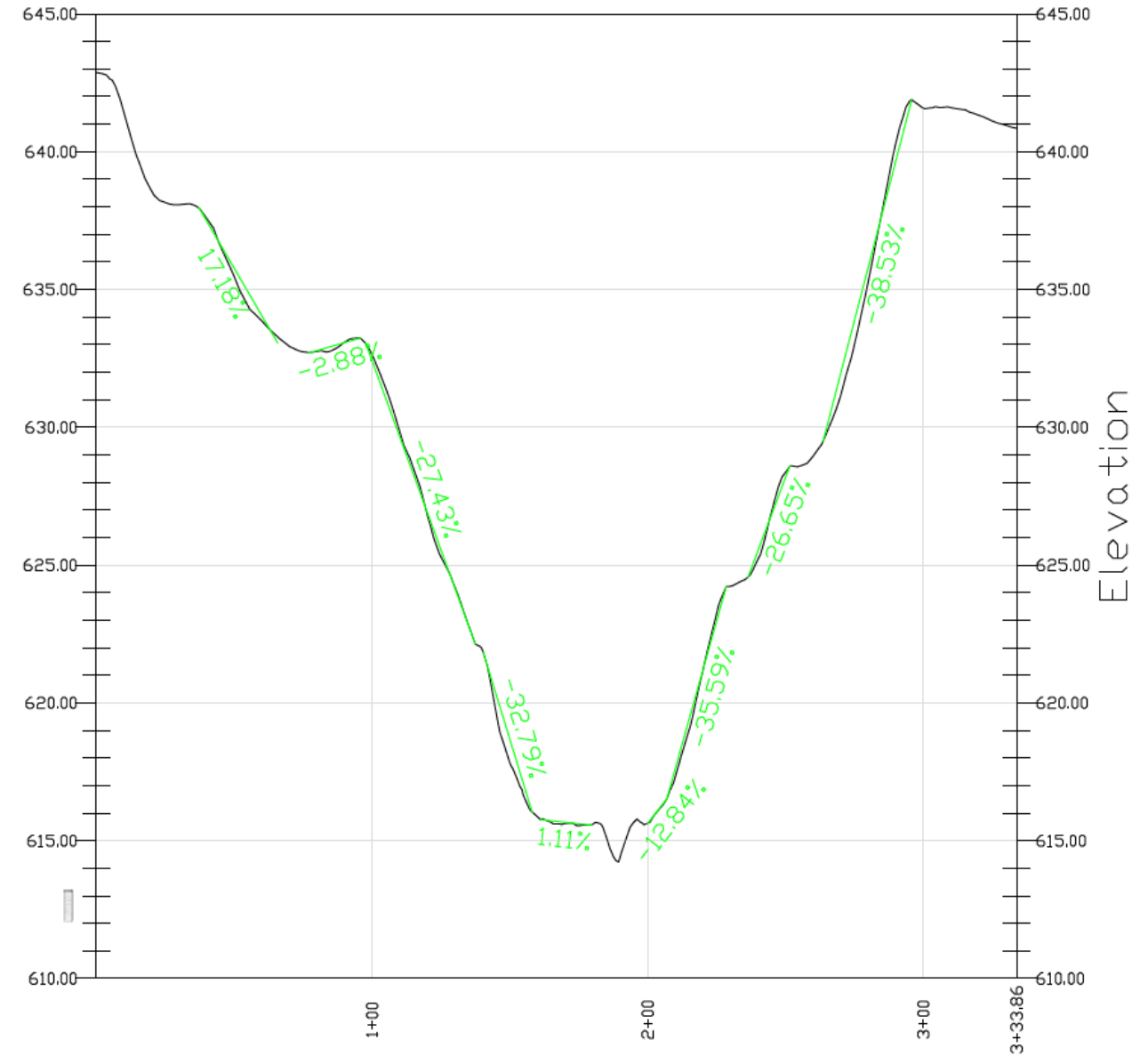
2013



Site Constraints – Drought and Flooding



Site Constraints – Steep Slopes



Site Constraints – Geology

- Add frac out photo

Site Constraints – Historical Land Use Adjacent to Creeks and Wetlands



Challenges – Pipeline Corridor Width



Challenges – No Maintenance



Challenges – Inconsistent Project Managers



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Challenges – Weeds and Clubroot



Challenges – Lack of Jurisdiction



Landowner Reclamation Goals



Do you support Strathcona County's goals?

Do you have different goals?

What do you value on your land?

What do you consider to be a healthy creek or wetland?

What can you do?

- As part of your easement/ROW agreement you can ask for additional/different reclamation
- You can ask Strathcona County or organizations like Nature Conservancy Canada to place a conservation easement on creeks and wetlands on your property
- You can request directional drilling through creeks and wetlands on your property

How can we help?

- We can provide lists of native species that are appropriate for reclamation on your wetlands and creek crossings
- We can recommend the amount of planting needed to restore your property and what kind of maintenance it may need to be successful
- We can help you through the environmental regulatory complaint process (should you need it)
- We can provide information and advice on clubroot and weeds

Contacts

- For information on **native plant species** and **seed mixes** contact Environmental Planning at 780-464-8117
- For **help navigating environmental complaints** contact Environmental Planning at 780-464-8117
- For **weeds** and **clubroot** contact Ag Services at 780-417-7100