



#### 4. Provincially Significant Wetlands

- a) Discussion: Ken Cornelisse, MNR discussed new technologies (such as orthorectified air photography) now available to the Ministry of Natural Resources when mapping wetlands and other natural features. He also talked about how wetland boundaries are refined when development applications (such as draft plans of subdivision and subsequent zoning) are processed. Nancy Davy and Ian Rawlings added that at this stage, the wetland boundary is located as accurate as a legal survey. The purpose of wetland evaluations is to identify the features at a reasonably accurate scale, such as that done in the Subwatersheds Study. The use of “broad brush” information from the Subwatersheds Study as input to the Community Plan and related development applications and increasing levels of detail and refinement of the information was explained.

The fact that wetland evaluation files are kept as “open files” by MNR was stated by Ken Cornelisse. He explained that the information from the HWSS provided by Dougan and Associates was generally within the 40 metre plus or minus level of accuracy that is expected of wetland evaluations in the province. He then proceeded to go through the evaluation and show some detailed areas where he will refine the Maple Grove Wetland Complex evaluation file, based on the improved detail he can see with the orthorectified air photography, field visits, and input from the Maple Grove Wetlands Association. He provided detailed rationale for each deletion/refinement/addition of wetland area (presentation attached to minutes). He also indicated areas for which he still wanted to do a site visit in the spring to make a final determination. Wendy Wright stated that the Ministry of Natural Resources has the ultimate responsibility for wetland evaluations and Ken’s decisions will have to be reflected in the PSW mapping in the finalized Subwatersheds Study. She reminded the committee that other factors, such as floodlines as determined by the GRCA, would be considered in future presentations to the committee. Only when all of these other features have been reviewed will necessary changes to the Greenspace Management Plan be considered.

Erich Ritzmann indicated that Ken had covered some of the areas that he had been questioning as well as additional areas, but that he had four additional areas he was questioning. They are found within vegetation polygons 6.17B (along the creek), 6.12B (east end), and 4.13A (behind the school and house), and 4.01A (northeast portion). Ken indicated he would also take a closer look at these areas for any changes needed.

Gus Rungis (GRCA) will attend the next meeting to do a presentation on the drainage basin boundaries, and floodplain determination (likely the two meetings in February). Chris Gosselin’s Region of Waterloo presentation will follow (likely in March).

## **5. Other Business**

- a) Follow-up List – Nothing outstanding, other than the final part of the terms of reference. The current process seems to be working well and meeting members' expectations. April Souwand distributed an updated list of members and alternates that includes Matt Pugliese's contact information.
- b) Wendy Wright asked to correct information from the last meeting about agricultural building permits (barns and outbuildings). You do not need a permit for a barn demolition nor for a small building (less than 108 square feet). However, construction of new farm buildings requires a building permit, regardless of whether you are in or out of the city (across the province).
- c) Cathy Murphy asked to have information about areas that are "Scheduled Areas" of the Conservation Authority. Nancy Davy said she would bring a map to the next meeting and perhaps there would be time to do a presentation on the Conservation Authority's Fill, Construction and Alteration to Waterways Regulation.

Rick Cowsill motioned to adjourn.

Meeting adjourned at 5:20 p.m.

**Next meeting – Allan Reuter Seniors' Centre – 3:30 to 5:30 pm, Feb. 5, 2004**

## Maple Grove Road Wetland Complex

- Ken Cornelisse
- Ministry of Natural Resources



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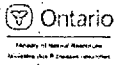
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## Wetland Mapping

- Old Technology
  - Normally Evaluated at 1" to 10,000 scale
  - Digitized from Aerial photography
  - 30 m boundary accuracy
- New Technology
  - Orthorectified Aerial photography
  - Useable to 1 to 1500 scale
  - Higher accuracy
  - summer / fall 2003



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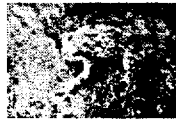
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## Planning Process

- Identify the existence of the PSW on a map
- Boundary refinements occur at Planning stage
- Staking in the field



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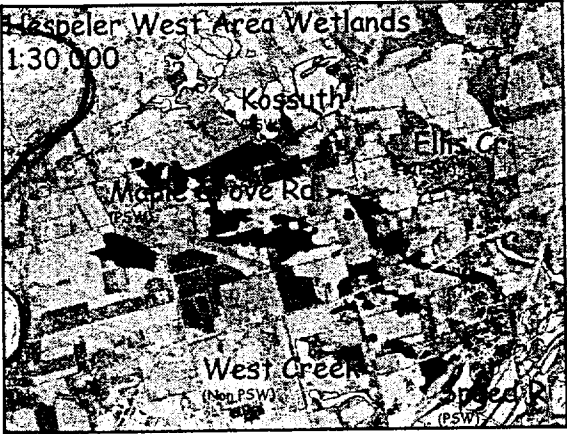
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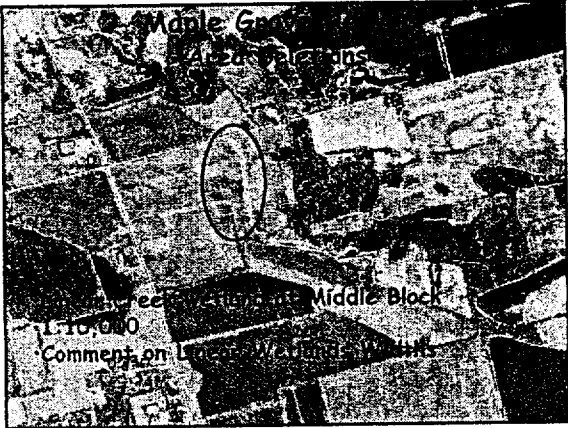
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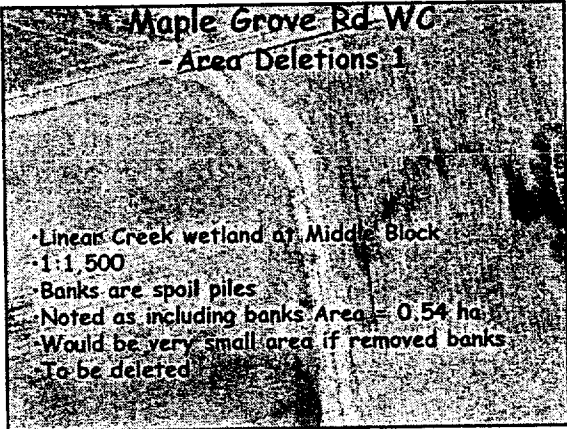
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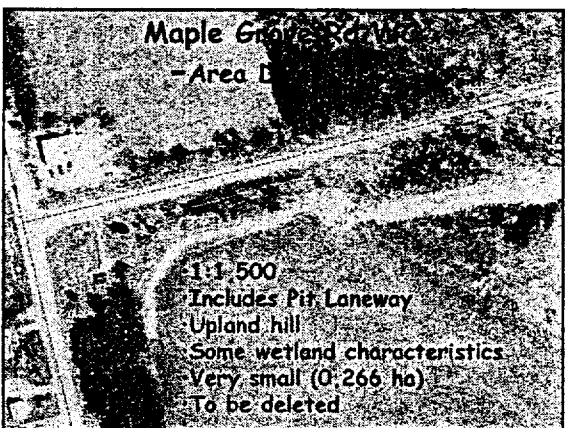
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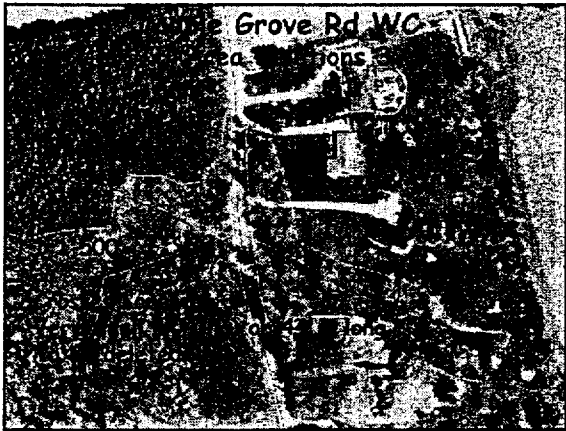
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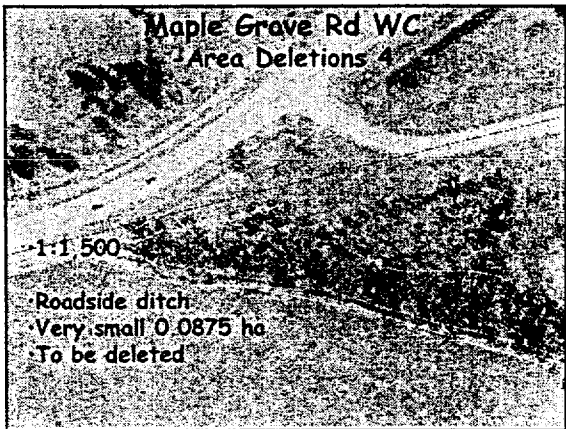
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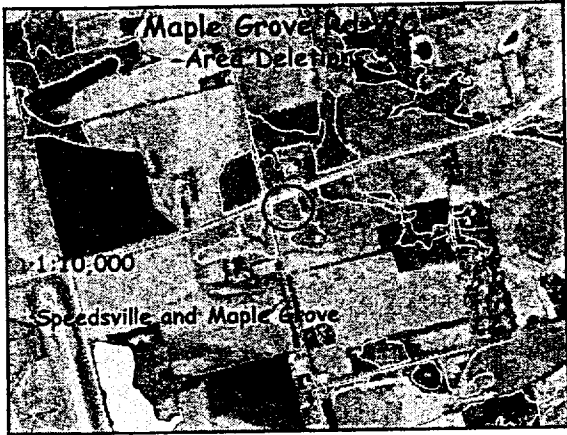
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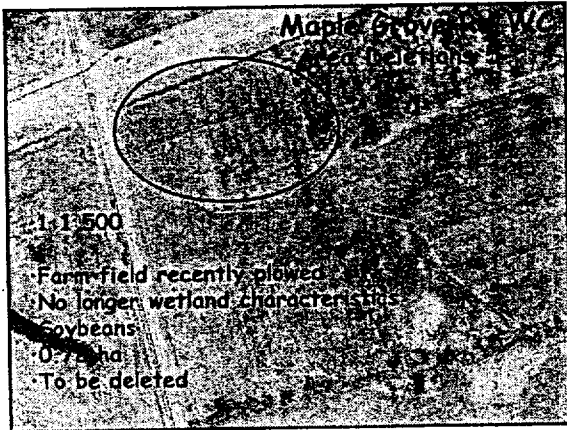
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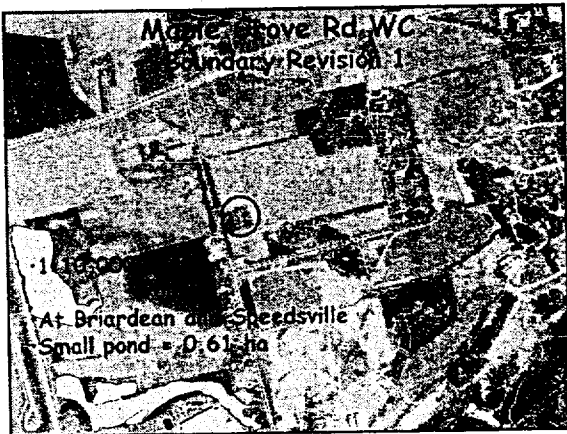
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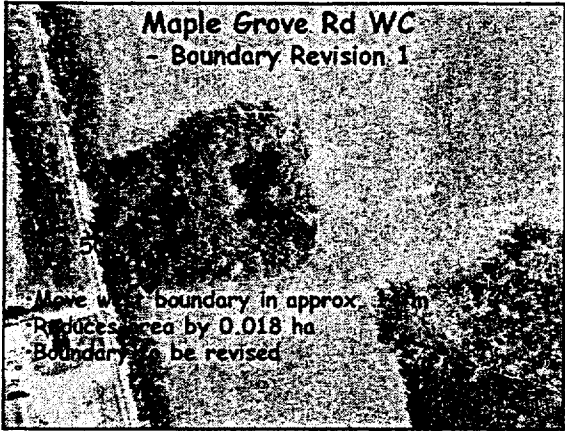
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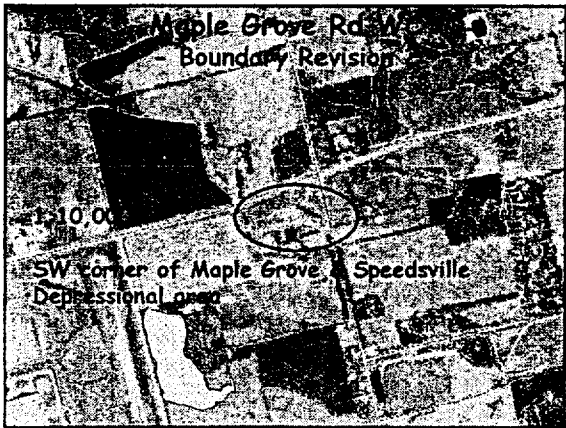
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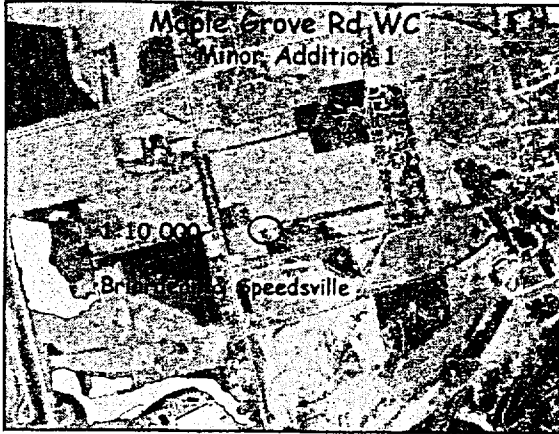
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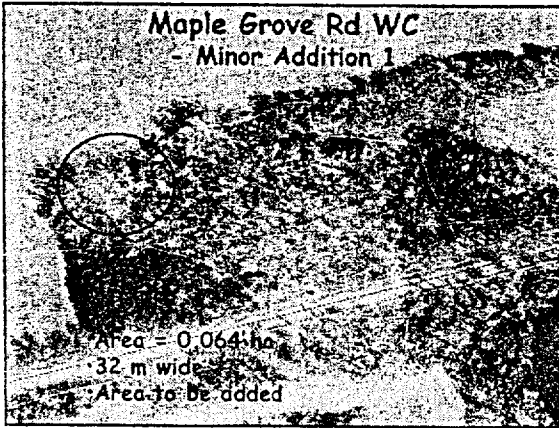
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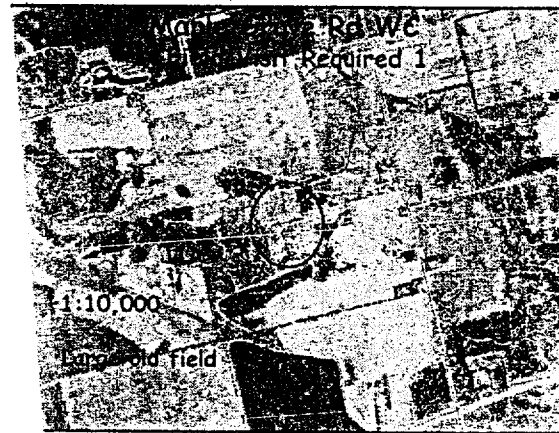
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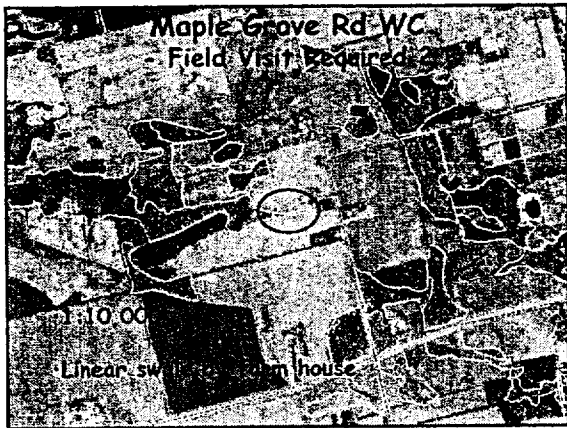
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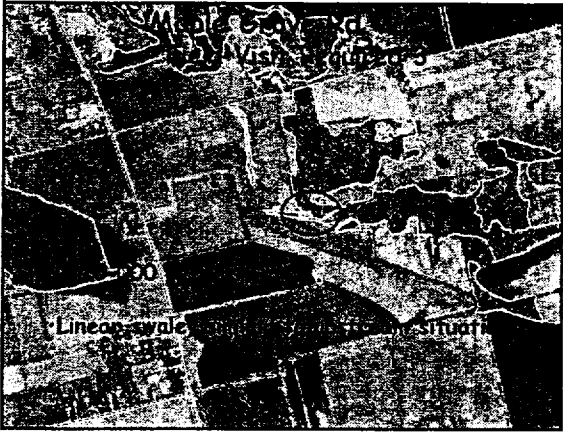
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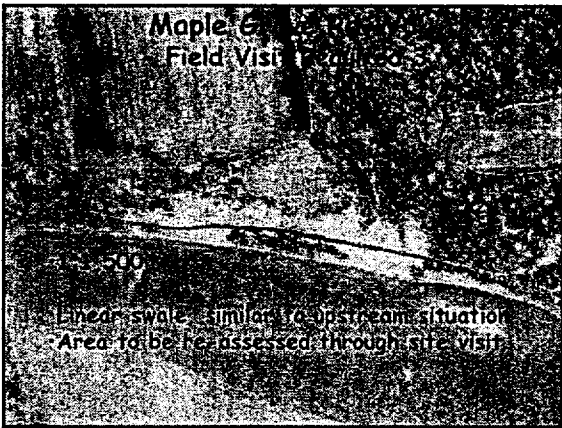
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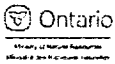
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**Maple Grove Wetland Complex  
Revisions Summary**

- Generally evaluation acceptable
- Some required changes
- New technology - new standards
- Planning process refinements

 Ontario  
Ministry of Natural Resources  
Affiliated to the Ministry of Agriculture, Food and Rural Affairs

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