

## WETLAND DATA RECORD

- 44

1.0. BIOLOGICAL COMPONENT

1.1. PRODUCTIVITY VALUES

1.1.1. Growing Degree-Days

Number of accumulated growing degree-days (check one)

<u>      </u>	<2800
<u>      </u>	2800 to 3200
<u>✓</u>	3200 to 3600
<u>      </u>	>3600

1.1.2. Soils

Estimated % of Area

-	Clays, loams or silts (mineral)
-	Organic
-	Undesignated

<u>10</u>
<u>40</u>
<u>50</u>

1.1.3. Type of Wetland

(check one or more)

Estimated % of Area

<u>✓</u>	Bog
<u>✓</u>	Fen
<u>✓</u>	Swamp
<u>✓</u>	Marsh (includes Open Water Marsh)

<u>1</u>
<u>7</u>
<u>15</u>
<u>77</u>

1.1.4. Site

(check one or more)

Estimated % of Area

<u>      </u>	Isolated
<u>      </u>	Palustrine (permanent or intermittent outflow)
<u>      </u>	Riverine
<u>      </u>	Riverine (at rivermouth)
<u>      </u>	Lacustrine (at rivermouth)
<u>✓</u>	Lacustrine (on enclosed bay)
<u>✓</u>	Lacustrine (exposed to lake)

<u>      </u>
<u>      </u>
<u>      </u>
<u>      </u>
<u>      </u>
<u>100</u>
<u>      </u>

1.1.5. Nutrient Status of Surface Water

(a) Write conductivity bridge reading and calculate T.D.S. at 25°C as per tables in Appendix VIII.

Location Sampled (ie. inflow, outflow, etc.)	Initial Specific Conductance (umhos/cm)	Temperature (°C)	Total Dissolved Solids (T.D.S.) (mg/l)
1	200	24	= 135.9
2	350	28	= 219.9
3	175	22	= 126.7
4	375	26	= 244.9
Average T.D.S.			= 181.9

(b) Check appropriate category (from (a))

Average T.D.S. (mg/l)

<100	
100-500	✓
501-1500	
>1500	
NO READING	

1.2. DIVERSITY VALUES

1.2.1. Number of Wetland Types

(check one)

- ☐ One  
☐ Two  
☐ Three  
☒ Four

1.2.2. Vegetation Communities

(enter form and map code if available, or enter dominant species if known, and appropriate code/symbol)

a) One form

Code

re M4  
 su WS  
 ne M9  
 su W2  
 su W6  
 C S14  
 re M10  
 re M11

cattails  
 milfoil  
 wild rice  
 floating pondweed, flat stem pondweed, bushy pondweed  
 bushy pondweed, sago pondweed, milfoil, chara  
 tamarack, white cedar  
 cattails, common reed grass  
 cattails, bulrush

b) Two forms

Code

ts S2  
c S3  
dc S4  
ts S9  
re M3  
ne M7  
dSS15

alder  
cedar trees  
dead conifer  
cedar shrubs  
cattails  
sedges  
stumps

cattails  
poplar trees  
black ash trees  
cattails  
sweetgale  
burrush  
pondweeds

Cont on back  
→

c) Three forms

Code

c S1  
h S7  
c S8  
dc S6  
ls S12  
dc S17  
c S13

cedar trees  
black ash trees  
cedar trees  
dead trees  
sweetgale  
dead conifer  
tamarack, black spruce, white cedar

black ash trees  
black ash shrubs, yellow shrub  
dead conifer  
cedar trees  
cattails  
cedar shrubs  
dead conifer

alder  
cattails  
cattails  
black ash trees  
grasses  
cattails  
cattails

d) Four forms

Code

~~Code~~ ne B3  
re M1  
re F1  
c S11  
ts S10  
re M8  
c B1

sedges  
cattails  
common reed grass  
tamarack  
speckled alder, red  
cattails  
tamarack, white cedar

marsh fern  
stumps  
sedges  
alder  
sweetgale  
cedar shrubs  
sweetgale  
leather leaf

pitcher plant  
sweetgale  
pitcher plant  
cattails  
sedges  
sweetgale  
pitcher plant

sphagnum moss  
arrowhead  
big rosemary, shrubby cinquefoil  
sweetgale  
jungle loosestrife, swamp rose  
grasses  
sphagnum moss

e) Five forms

Code

dc S8  
CF2

dead conifer  
tamarack, white cedar

willow trees  
black ash trees  
black ash

white cedar trees  
mountain holly

speckled alder  
black ash shrubs  
white cedar shrubs  
labrador tea

cattails  
moss

f) Six or more forms

Code

\_\_\_\_\_  
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\_\_\_\_\_

Three Forms

Code

c B4  
h S19  
c S20  
c S22  
dSS16  
c S18  
ls B2

tamarack, white cedar  
black ash trees  
white cedar trees  
white cedar trees, black ash, mosses  
stumps, white cedar, black ash, pondweeds  
stumps, white cedar, black ash, dead conifer  
sweetgale, leather leaf, cattails, sphagnum moss

1.2.3. Diversity of Surrounding Habitat

(check all appropriate items)

- ☐ row crops
- ☒ pasture
- ☒ abandoned agricultural land
- ☒ deciduous forest
- ☒ coniferous forest
- ☒ urban or cottage development
- ☐ pits, quarries or mining waste disposal
- ☒ open lake or deep river
- ☒ fence rows with cover, or shelterbelts
- ☐ terrain undulating or hilly with ravines
- ☐ creek(s)

Enter Total = 7

1.2.4. Proximity to Other Wetlands

(check first appropriate category)

- i) Hydrologically connected by surface water to other wetlands (different dominant type) or open water within 1.5 km. ☒
- ii) Hydrologically connected by surface water to other wetlands (same dominant type) within 0.5 km. ☐
- iii) Hydrologically connected by surface water to other wetlands (different dominant type) or open water body from 1.5 to 4 km away. ☐
- iv) Hydrologically connected by surface water to other wetlands (same dominant type) from 0.5 to 1.5 km away. ☐
- v) Within 0.75 km of other wetlands (different dominant type) or open water body, but not hydrologically connected by surface water. ☐
- vi) Within 1 km of other wetlands, but not hydrologically connected by surface water. ☐
- vii) No wetland within 1.5 km. ☐

1.2.5. Interspersion

(check one)

- Type 1 ☐
- Type 2 ☐
- Type 3 ☒
- Type 4 ☐

1.2.6. Open Water Types

(check one)

No open water \_\_\_\_\_  
Type 1 \_\_\_\_\_  
Type 2 \_\_\_\_\_  
Type 3 \_\_\_\_\_  
Type 4 ✓ \_\_\_\_\_  
Type 5 \_\_\_\_\_  
Type 6 \_\_\_\_\_  
Type 7 \_\_\_\_\_  
Type 8 \_\_\_\_\_

1.3. SIZE (Biological Component)

(refer to viii)

615 hectares

2.0. SOCIAL COMPONENT

2.1. RESOURCE PRODUCTS WITH CASH VALUE

2.1.1. Timber (lumber and firewood)

- (1) \_\_\_\_\_ 51 to 100% of wetland area has mature trees (>10 cm dbh, >25% cover)  
(2) ✓ \_\_\_\_\_ 10 to 50% of wetland area has mature trees (as above)  
(3) \_\_\_\_\_ Wetland has few, immature or no trees

Source of information: Field Observation, Aerial Photos

2.1.2. Wild Rice

- (1) ✓ \_\_\_\_\_ Present  
(2) \_\_\_\_\_ Absent

Source of Information: Field Observation

2.1.3. Commercial Fish (Bait Fish and/or Coarse Fish)

- (1) ✓ \_\_\_\_\_ Fish harvested from the wetland (as per MNR)  
(2) \_\_\_\_\_ Abundant during at least part of the year  
(3) \_\_\_\_\_ Not abundant or only occasional  
(4) \_\_\_\_\_ Habitat not suitable for fish

Source of Information: M.N.R. Bait Fish Dealer; Morris Stewart

2.1.4. Bullfrogs

- (1) ✓ \_\_\_\_\_ Present  
(2) \_\_\_\_\_ Absent

Source of Information: Field Observation

2.1.5. Snapping Turtles

(1)        Present

(2)   ✓   Absent

Source of Information: None observed but very likely present.

2.1.6. Furbearers

(check if present)

  ✓   muskrat

  ✓   raccoon

  ✓   beaver

       mink

  ✓   other (Fox)

Source of Information: Field Observation

2.2. RECREATIONAL ACTIVITIES

(check appropriate spaces)

	Type of Wetland Associated Use			
	Hunting	Nature Appreciation or Study	Fishing	Canoeing/Boating
Intensity of Use				
High	<u>  ✓  </u>			
Moderate			<u>  ✓  </u>	<u>  ✓  </u>
Low				
None Known		<u>  ✓  </u>		
Not Possible				

Source of Information Duck Blinds

C.O.S

Ordnance

M.N.R. Creel  
reports

Fishermen  
Cottages.

2.3. AESTHETICS

2.3.1. Landscape Distinctness

(1)   ✓   Clearly distinct

(2)        Indistinct

2.3.2. Absence of Human Disturbances

2.3.2.1. Level of Disturbance

- (1) ☐ Human disturbances absent or nearly so  
(2) ☒ One or several singular or localized disturbances  
(3) ☐ Moderate disturbance or localized water pollution  
(4) ☐ Impairment of natural quality intense in some areas  
or severe localized water pollution  
(5) ☐ Extremely intense disturbance or water pollution  
severe and widespread.

2.3.2.2. Types of Disturbances

- ☒ roads  
☐ utility corridor  
☐ buildings  
☐ channelization  
☐ drainage  
☐ filling  
☐ water pollution  
☐ other: \_\_\_\_\_.

2.4. EDUCATION AND PUBLIC AWARENESS

2.4.1. Educational Uses

- (1) ☐ Frequent - an average of 2 or more visits per year by  
one or more school groups, local clubs for  
the purpose of studying the animals,  
plants, environment, etc.  
(2) ☒ Infrequent - use by organized groups (one visit or less  
per  
year or only casual visits)  
(3) ☒ No known visits

List groups utilizing the wetland

<u>Name of Group(s)</u>	<u>Source of Information</u>
_____	_____ (Bulwer's)
_____	_____
_____	_____

2.4.2. Facilities and Programs  
(check one)

- (1) ☐ Staffed interpretation center with shelters, trails,  
literature  
(2) ☐ No interpretation center or staff, but a system of  
self-guiding trails and observation points or brochures  
available  
(3) ☒ No facilities or programs



2.4.3. Research and Studies  
(check one)

- (1) ☐ One or more wetland-related scientific research papers published in a scientific journal;  
 (2) ☒ One or more reports written outlining some aspect of the wetland's natural resources;  
 (3) ☐ No reports or papers.

List scientific papers, reports, etc.

Environmental Sensitive Area Report 1980.  
White Lake Fen Trail + Landscape 18(3) : 134-141 (1984)

2.5. PROXIMITY TO URBAN AREAS  
(check one)

- (1) ☐ In an urban or suburban area  
 (2) ☐ <10 km from a population center greater than 10,000  
 (3) ☒ 10 to 60 km from a population center greater than 10,000  
 (4) ☐ Isolated or relatively remote

2.6. OWNERSHIP/ACCESSIBILITY

Estimate % of area and enter in the appropriate space(s)

<u>ACCESSIBILITY</u>	<u>OWNERSHIP</u>				
	Public, unrestricted activities	Public, restricted activities	Private, open to public for limited activities	Private Club, closed to public	Private or Private and posted
1) Easy at most times by road/waterway	80				20
2) Easy only at certain times of the year					
3) Limited, moderate effort required					
4) Difficult*					

\* Requires extended effort due to distance from roads, navigable waterways or isolated geographical position.

Source of information M.N.R. Land Use Maps

2.7. Size (Social Component)

615 hectares (refer to viii)

3.0. HYDROLOGICAL COMPONENT

3.1. EFFECT OF ADJOINING LARGE WATER BODY  
(check one)

- (1) ☐ Wetland located on the Ottawa, St. Lawrence, Niagara,  
Detroit or St. Clair Rivers (Go to 3.3)
- (2) ☐ Wetland bordering on one of the Great Lakes  
(Go to 3.3)
- (3) ☒ Wetland not located as above (Go to 3.2)

If (1) or (2), omit Section 3.2, FLOW STABILIZATION. Continue with Section 3.3, WATER QUALITY IMPROVEMENT. If (3), proceed to Section 3.2.

3.2. FLOW STABILIZATION (All wetlands except those bordering on the Great Lakes or the 5 large rivers)

3.2.1. Detention Due to Surface Area

3.2.1.1. Size of Catchment Basin above Wetland Outflow

Catchment Basin Size 174 sq. km

3.2.1.2. Total Size of all Detention Areas (Lakes, Reservoirs and Wetlands) Draining into the Wetland (sq. km)

List Detention Areas	Size
<u>White Lake</u>	<u>19.5</u>
<u>Darling Long Lake</u>	<u>1</u>
<u>Brook Lake</u>	<u>.5</u>
<u>Raycroft Lake</u>	<u>.5</u>
<u>Lowney Lake</u>	<u>.5</u>
<u>Others.</u>	<u>3</u>
Total	<u>24.5</u> sq. km

Ent. 25

3.2.1.3. Size of Adjoining Lake (Lacustrine wetlands only)

1936 hectares

N/A

3.2.1.4. Size of Adjoining River (Riverine wetlands only)  
(not assessed)

3.2.1.5. Location and Size of Detention Areas (Lakes, Reservoirs and Wetlands) within 30 km above and below the wetland

(NOTE: 1 sq. km = 100 ha)

(a) Detention areas above the wetland (within 30 km)

Name and/or Number of Detention Area	Distance upstream from wetland (in km)	Size (hectares)	For Scoring Use
Lowney Lake	0.5	46.4	-5
Darling Long Lake	16	78	-2
Raycroft Lake	22	26	-1
Brook Lake	22	37	-1
Fish Creek Swamps	8	150	-14

(b) Detention areas below the wetland (within 30 km)

Name and/or Number of Detention Area	Distance downstream from wetland (in km)	Size (hectares)	For Scoring Use
Madawask River	23	224	-3

3.2.1.6. Land Use along River or Stream Shoreline for 20 km Below the Wetland

(Palustrine and all Riverine wetlands except those located along the 5 large rivers).

(check one)

- (1) Wetland outflow exits into a deep ravine \_\_\_\_\_  
(2) A village, town or urban area is located along outflow within 20 km \_\_\_\_\_  
(3) Not as above, and actively farmed agricultural land borders onto outflow, and \_\_\_\_\_

length of agricultural border = <1 km \_\_\_\_\_  
(sum of shoreline 1-3 \_\_\_\_\_  
on both sides of 4-8 \_\_\_\_\_  
river within 20 km) >8 \_\_\_\_\_

- (4) Not as above, (eg. lands bordering outflow within 20 km are forested, or abandoned by agriculture, or outflow enters another wetland or lake, etc.) \_\_\_\_\_

3.2.1.7. Size (Hydrological Component)  
(see viii)

615 ha

N/A 3.2.2. Flow Augmentation (Palustrine wetlands only)

Size of Catchment basin \_\_\_\_\_ sq. km (See 3.2.1.1)

Wetland Area as a % of Catchment Basin Size \_\_\_\_\_ %

(Note: convert wetland area to sq. km before calculating %)

3.3. WATER QUALITY IMPROVEMENT (All wetlands)

3.3.1. Short Term Removal of Nutrients from Surface Water

3.3.1.1. Site Type (see 1.1.4 and check dominant site)

- \_\_\_\_\_ Isolated  
\_\_\_\_\_ Palustrine (with permanent or intermittent outflow)  
\_\_\_\_\_ Riverine  
\_\_\_\_\_ Riverine (at rivermouth)  
\_\_\_\_\_ Lacustrine (at rivermouth)  
✓ \_\_\_\_\_ Lacustrine (on enclosed bay)  
\_\_\_\_\_ Lacustrine (exposed to lake)

3.3.1.2. Actual Wetland Area Dominated by Robust Emergents and Submergents  
(check one)

\_\_\_\_\_ <5  
\_\_\_\_\_ 5 - 50  
\_\_\_\_\_ 51 - 100  
\_\_\_\_\_ ✓ 101 - 250  
\_\_\_\_\_ 251 - 500  
\_\_\_\_\_ 501 - 1000  
\_\_\_\_\_ >1000 hectares

3.3.1.3. Land Use in Catchment Basin  
(check one)

- (1) \_\_\_\_\_ Mainly agriculture and/or urban  
(2) \_\_\_\_\_ Roughly 40-60% agriculture; remainder forested or abandoned agriculture  
(3) \_\_\_\_\_ ✓ Mainly forested and/or less than 40% agriculture

3.2.2. Long Term Nutrient Trap  
(check one)

- (1) \_\_\_\_\_ Wetland located on an active delta  
(2) \_\_\_\_\_ Wetland rivermouth but without obvious delta  
(3) \_\_\_\_\_ Wetland with organic soils occupying 50% or more of the area  
(4) \_\_\_\_\_ ✓ Wetland with organic soils occupying less than 50% of the area (i.e. mainly mineral or undesignated soils)

3.4. EROSION CONTROL

3.4.1. Erosion Buffer (Lacustrine and Riverine wetlands only)

NOTE: Assess for the dominant site type (see 3.3.1.1)

N/A

3.4.1.1. Riverine Wetlands (shoreland and flood plain)  
(check principal vegetation form)

- (1) \_\_\_\_\_ Trees or Shrubs  
(2) \_\_\_\_\_ Emergents  
(3) \_\_\_\_\_ Non-vegetated or nearly so

3.4.1.2. Lacustrine Wetlands (with or without barrier beach)  
(check principal vegetation form)

- (1) \_\_\_\_\_ ✓ Trees or Shrubs  
(2) \_\_\_\_\_ Emergents  
(3) \_\_\_\_\_ Submergents and Floating  
(4) \_\_\_\_\_ Non-vegetated or nearly so

3.4.1.3. Fetch (Lacustrine wetlands or Riverine wetlands on any of the 5 large rivers)

- Maximum distance
- (1)            barrier beach present
- (2)   ✓   <2 km
- (3)            2 to 8 km
- (4)            >8 km

N/A 3.4.2 Sheet Erosion (All except Lacustrine wetlands)  
(check the appropriate space)

Wetland Size (ha)	R FACTOR VALUE			
	<50	50-75	75-100	>100
<2				
2-5				
6-10				
11-15				
16-20				
>20				

4.0. SPECIAL FEATURES COMPONENT

4.1. RARITY AND/OR SCARCITY

4.1.1. Individual Wetlands

Name of Physiographic Unit: Lanark Plain  
Unit Number: 13

4.1.2. Wetland Type Representation (minimum size 0.5 ha)  
(check one or more)

<input checked="" type="checkbox"/>	Marsh
<input checked="" type="checkbox"/>	Swamp
<input checked="" type="checkbox"/>	Fen
<input checked="" type="checkbox"/>	Bog

4.1.3. Individual Species

4.1.3.1. Breeding Habitat for an Endangered Animal or Plant Species

Nil

	<u>Name of Species</u>	<u>Source of Information</u>
(1)	_____	_____
(2)	_____	_____

4.1.3.2. Traditional Migration or Feeding Habitat for an Endangered Animal Species

Nil

	<u>Name of Species</u>	<u>Source of Information</u>
(1)	_____	_____
(2)	_____	_____

4.1.3.3. Breeding or Feeding Habitat for a Provincially Significant Animal Species

Nil

	<u>Name of Species</u>	<u>Source of Information</u>
(1)	_____	_____
(2)	_____	_____

4.1.3.4. Provincially Significant Plant Species

Nil

	<u>Name of Species</u>	<u>Source of Information</u>
(1)	_____	_____
(2)	_____	_____

4.1.3.5. Regionally Significant Species

	<u>Name of Species</u>	<u>Source of Information</u>
(1)	<u>Common Loon</u>	
(2)	<u>Common Loon</u>	<u>Field Observation</u>
(3)	<u>Osprey</u>	<u>Field Observation</u>
(4)	<u>Arethusa bulbosa</u>	<u>Trail + Landscape 1984 18(3)</u>
	<u>Triglochin maritima</u>	<u>" " " "</u>

4.2. SIGNIFICANT FEATURES AND/OR FISH AND WILDLIFE HABITAT

4.2.1. Nesting of Colonial Waterbirds  
(check one)

- (1) \_\_\_\_\_ Currently nesting; species name(s) \_\_\_\_\_  
 (2) \_\_\_\_\_ Known to have nested within past 5 years;  
       species name(s) \_\_\_\_\_  
 (3) ☒ Active feeding area  
 (4) \_\_\_\_\_ None known  
 Source of Information: Field Observation; Great-blue Heron

4.2.2. Winter Cover for Wildlife

(check only highest level of significance)

- (1) \_\_\_\_\_ Provincial significance for Deer \_\_\_\_\_, Moose \_\_\_\_\_  
 (2) \_\_\_\_\_ Regional significance for Deer \_\_\_\_\_, Moose \_\_\_\_\_  
 (3) ☒ Local significance for Deer ☒, Moose \_\_\_\_\_  
 (4) \_\_\_\_\_ Good winter cover for other species (list): \_\_\_\_\_

- (5) \_\_\_\_\_ Poor winter cover

Source of Information: M.N.R.

4.2.3. Waterfowl Staging

(check only highest level of significance)

- (1) \_\_\_\_\_ National significance  
 (2) \_\_\_\_\_ Provincial significance  
 (3) \_\_\_\_\_ Regional significance  
 (4) ☒ Local or no significance

Source of Information: M.N.R.

4.2.4. Waterfowl Production

(check only highest level of significance)

- (1) \_\_\_\_\_ Provincial significance  
 (2) \_\_\_\_\_ Regional significance  
 (3) ☒ Local significance  
 (4) \_\_\_\_\_ Little or no significance

Source of Information: Field Observation, M.N.R.



4.2.5. Migratory Passerine and/or Shorebird Stopover Area  
(check one)

- (1) \_\_\_\_\_ High significance  
(2) ✓ \_\_\_\_\_ No significance

Source of Information: \_\_\_\_\_

4.2.6. Significance for Fish Spawning and Rearing  
(check one)

- (1) \_\_\_\_\_ Regional significance  
(2) ✓ \_\_\_\_\_ Present  
(3) \_\_\_\_\_ Unknown  
(4) \_\_\_\_\_ Not possible

Species and Source of Information: Largemouth Bass,  
Brown Bullhead, Northern Pike

4.2.7. Unusual Geological or other Surficial Features

Feature

Source of Information

- (1) \_\_\_\_\_  
(2) \_\_\_\_\_

\_\_\_\_\_

4.3. ECOLOGICAL AGE

Type of Wetland

Enter % of Area

- ✓ \_\_\_\_\_ Bog  
✓ \_\_\_\_\_ Fen  
✓ \_\_\_\_\_ Swamp  
✓ \_\_\_\_\_ Marsh

1  
7  
15  
77

INVESTIGATORS

Bruce Brown  
Jeff McNaughton

AFFILIATION

Ontario Ministry of Natural Resources

DATE

July 25, July 29, Sept 12/85

ESTIMATED TIME DEVOTED TO COMPLETING THE FIELD SURVEY IN "HOURS"

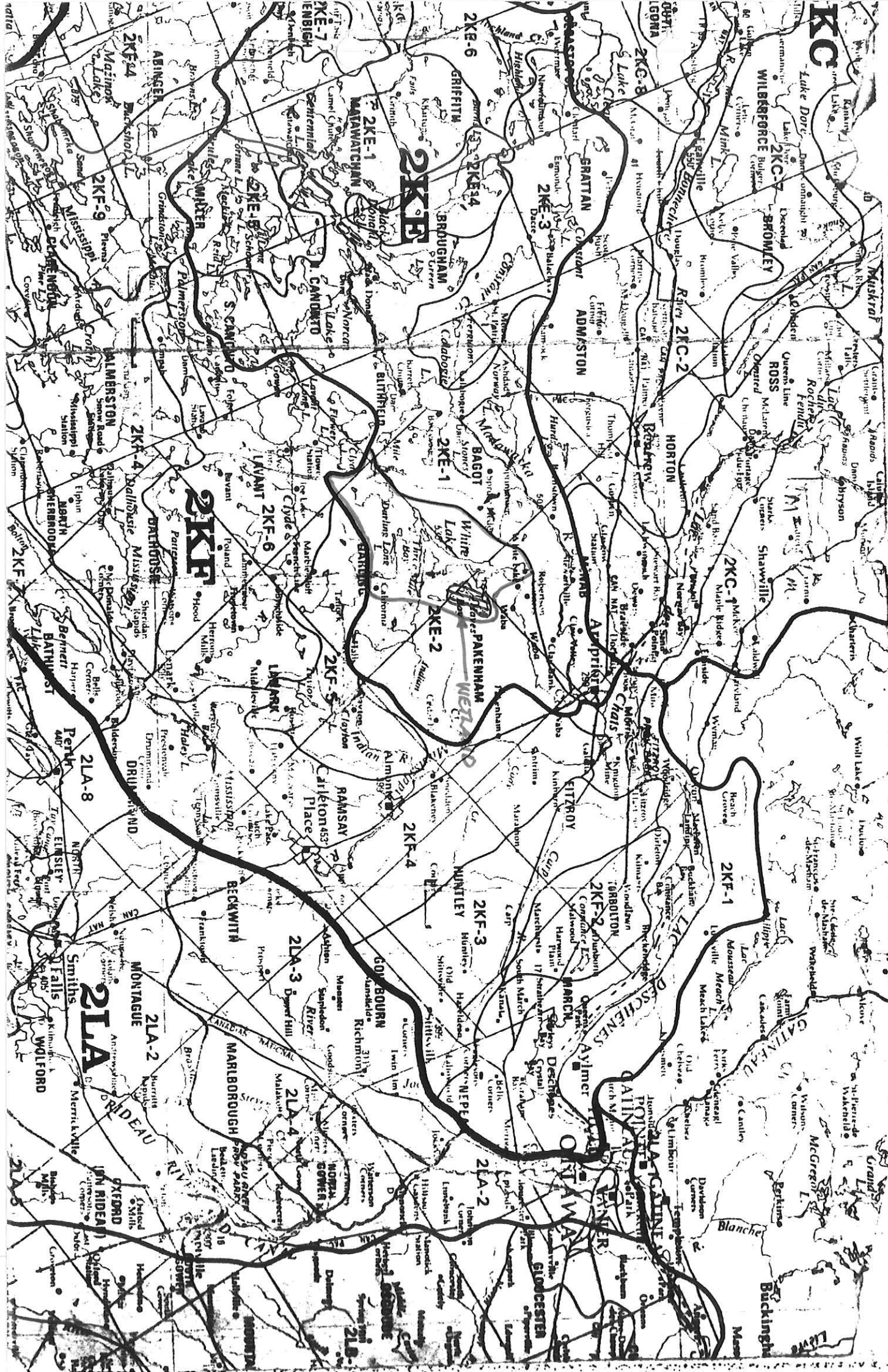
16 hrs

WEATHER CONDITIONS

- (i) at time of field work: 25-Sunny, humid 29-Cloudy, sunny periods 12-Sunny  
(ii) summer conditions in general: Normal cloudy periods

SCALE 1cm = 5 km

DRAINAGE BASIN MAP  
(WHITE LAKE WETLAND)



# WHITE LAKE WETLAND

Wetland Type	Area in Private Ownership (ha)	Area in Public Ownership (ha)	Area Unknown (ha)	Total
Upland	16.6 ha	19 ha		35.6 ha
Swamp	98.6 ha	48.6 ha		147.2 ha
Marsh	1 ha	385.8 ha		386.8 ha
Bog	1 ha	3.4 ha		4.4 ha
Fen		41 ha		41 ha
Total	117.2 ha	497.8 ha		615 ha

[Wetland Type]	Organic Soil (Not Placed in Capability Classes)	Area (ha) Classified for Agriculture in Class:						
		1	2	3	4	5	6	7
Upland	Undesignated							34 ha
Swamp								
Marsh	283 ha							
Bog								
Fen								
Total	283 ha							34 ha

Extended wetland size N.A. i.e. size of area  
area encompassed by extending  
boundaries of wetland 0.5 km

For extended Wetland:

Agricultural * Classification	Area in Private Ownership (ha)	Area in Public Ownership (ha)	Area Unknown (ha)	Total
1				
2				
3				
4				
5				
6				
7				
total				

\* This information can be derived from Canada  
Land Inventory Maps

# WHITE LAKE WETLAND.

Vegetation form	Percent area in which form is dominant
--------------------	---

h	6%
---	----

c	11%
---	-----

dh	0.3%
----	------

dc	9%
----	----

ts	0.2%
----	------

ls	0.2%
----	------

ds	1.6%
----	------

gc	
----	--

m	
---	--

ne	0.5%
----	------

be	
----	--

re	20%
----	-----

ff	
----	--

f	0.2%
---	------

su	45%
----	-----

Upland	6%
--------	----

Start: 10:30

Finish: 3:30

Weather: Sunny,  
Hazy, Humid +  
Very Windy

White Lake Wetland

Thurs. July 25/85

\* Launched Canoe at Bud  
Lindsay's Marina

### Wildlife

Ring-billed Gull

Barn Swallow

Tree Swallow

Cospero Hawk

Started: 9:30

Finish: 3:30

Weather: Cloudy, Showers  
↑25°C, mod winds

White Lake Wetland

Mon. July 29/85

Afternoon - sunny periods

\* Launched Canoe at  
Bud Lindsay's Marina

### Wildlife:

Great-blue Heron	White-throated Sparrow	Heavy hunting pressure
Eastern Kingbird	Chickadee	- many duck hides
Ring-billed Gull	/	- lowering water level
Painted Turtle		in Lake - affect on duck
Belted Kingfisher		habitat?
Cedar Waxwing		
American Robin		
Mallard (1)		
Osprey		
Common Loon + young		
Red-winged Blackbird		
Wood Duck (2)		
Turkey Vulture		
Muskrat		
Long-billed Marsh Wren		