MER BLEUE WETLAND.

Wetland Type	Area in Private Ownership (ha)	Area in Public Ownership (ha)	Area Unknown (ha)	Total
Upland etc.	15 ha	53 ha		68 ha
Swamp	202 ha	705 ha		907 ha
Marsh	3 ha	65 ha		68 ha
Bog	322 ha	903 ha		1225 ha
Fen				
Total	542 ha	1726 ha		2268 ha

[Wetland Type]	Organic Soil (Not Placed in Capability Classes)	Area (ha) Classified for Agriculture in Class: 1	2	3	4	5	6	7
Swamp	953 ha							
Marsh	68 ha							
Bog	1179 ha							
Fen								
Total	2268 ha							

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

For extended Wetland:

N.A.

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

MER BLEUE BOG

Vegetation form	Percent area in which form is dominant
h	18%
c	2%
dh	1%
dc	
ts	16%
ls	5%
ds	
gc	
m	52%
ne	
be	
re	3%
ff	
f	
su	
other (upland, open water etc.)	3%

WETLAND DATA RECORD

(i). WETLAND NAME AND/OR NUMBER Mer Bleue Bog

(ii). ADMINISTRATIVE REGION Eastern, AND DISTRICT Carleton Place
OF ONTARIO MINISTRY OF NATURAL RESOURCES

(iii). CONSERVATION AUTHORITY JURISDICTION South Nation R./Rideau V

If not within a designated Conservation Authority, check here ___

(iv). COUNTY OR REGIONAL MUNICIPALITY Ottawa-Carleton

(v). TOWNSHIP Gloucester; Cumberland

(vi). LOTS AND CONCESSIONS ~~Conc III-IV~~ ~~Lots: 1-13~~ ~~Conc X-XI~~ ~~Lots 9-16~~

(vii). MAP AND AIR PHOTO REFERENCES

(a) Longitude and Latitude 75° 30' 45° 24'

(b) U.T.M. Grid Reference Zone: 18T; Grid: 600 270

(c) National Topographic Series Scale and Map Number(s) & Name
1:50,000 31G/5 Ottawa & 31G/6

(d) Air Photos

(1) Date photo taken 1978

(2) Scale of air photos 1:10,000

(3) Flight and plate numbers 4530:116-118; 4529:18-27;
4528:162-175; 4527:80-92; 4526:272-277

(viii). WETLAND SIZE AND BOUNDARIES

(a) Single contiguous wetland area: 2268 hectares

OR

(b) "Wetland Complex" comprised of ___ individual wetlands as follows:

Wetland Number (for reference purposes)	Size of each wetland in the complex
Wetland No. 1	___ hectares
Wetland No. 2	___ "
Wetland No. 3	___ "
Wetland No. 4	___ "
Wetland No. 5	___ "
Wetland No. 6	___ "
Total size of wetland complex:	___ "

GLOUCESTER CON 3, Lots 13-17
CON 4, lots 2-15
CON 5, lots 1-16
CON 6, lots 1-10
CON 7, lots 1-2

CUMBERLAND
CON. 10, lots 14-17
CON. 11, lots 8-16

1.0. BIOLOGICAL COMPONENT

1.1. PRODUCTIVITY VALUES

1.1.1. Growing Degree-Days

Number of accumulated growing degree-days (check one)

____	<2800
____	2800 to 3200
✓	3200 to 3600
____	>3600

1.1.2. Soils

	Estimated % of Area
- Clays, loams or silts (mineral)	____
- Organic	100
- Undesignated	____

1.1.3. Type of Wetland

(check one or more)

		Estimated % of Area
✓	Bog	69
____	Fen	____
✓	Swamp	29
✓	Marsh (includes Open Water Marsh)	2

1.1.4. Site

(check one or more)

		Estimated % of Area
____	Isolated	____
✓	Palustrine (permanent or intermittent outflow)	100
____	Riverine	____
____	Riverine (at rivermouth)	____
____	Lacustrine (at rivermouth)	____
____	Lacustrine (on enclosed bay)	____
____	Lacustrine (exposed to lake)	____

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)
	Entered 225	@	25	mE	
				=	
				=	
				=	
				=	
				=	
			Average T.D.S.	=	150

(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	
1	re Typha

b) Two forms

Code						
2	f	frogbit	su	potamogeton	17	ts
3	ts	Spiraea	gc	goldenrod	19	re
4	ts	Spiraea	ne	grass/sedges	20	ts
7	re	Typha	ne	grasses	21	"
9	dh	dead trees	re	cattail		
10	ts	Spiraea	re	cattail		
15	ts	blueberry	m	Sphagnum		

c) Three forms

and others (see map)

Code					
5	h	red maple	ts	dogwood	be	Impatiens
6	dh	dead trees	ts	spiraea	re	cattail
12	dh	"	ts	"	be	Calla
16	c	tamarack	ts	blueberry	m	Sphagnum
18	c	"	ts	alder	re	cattail
41	be	buckbean	ne	cottongrass	m	Sphagnum

d) Four forms

Code

e) Five forms

Code

f) Six or more forms

Code

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
✓ terraine undulating or hilly with ravines
✓ creek(s)

Enter Total = 10

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)
2268 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
(no timber as a resource, MNR 1983)

2.1.2. Wild Rice
(1) ____ Present
(2) ✓ Absent
Source of Information: field survey

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: minnows in ditches

2.1.4. Bullfrogs
(1) ✓ Present
(2) ____ Absent
Source of Information: field survey

2.1.5. Snapping Turtles

(1) ____ Present

(2) ✓ Absent

Source of Information: field survey, MNR

2.1.6. Furbearers

(check if present)

✓ muskrat

✓ raccoon

✓ beaver

____ mink

✓ other red fox

Source of Information: field survey, MNR (1983)

2.2. RECREATIONAL ACTIVITIES

(check appropriate column)

	Type of Wetland Associated Use			
Intensity of Use	Hunting	Nature Appreciation or Study	Fishing	Canoeing/Boating
High		✓		
Moderate				
Low				✓
None Known			✓	
Not Possible	✓			
Source of Information	restricted			Trail & Landscape (1983) → canoeing "expedi in east end drains!

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: trails.

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

Name of Group(s)	Source of Information
Ottawa region high schools	Mer Blanc Seminary report
Carleton U	
Ottawa U	
Ottawa Field-Nat.	

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.

Smith, D.A. 1970 Can. Field-Nat.
and many other reports.

2.5. PROXIMITY TO URBAN AREAS
(check one)

(1) ✓ In an urban or suburan 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)

ACCESSIBILITY	OWNERSHIP				
	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	75 NCC		25		
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 _____

2.7. Size (Social Component)

2268 hectares (refer to viii)

Palustrine

3.0. HYDROLOGICAL COMPONENT

3.1. EFFECT OF ADJOINING LARGE WATER BODY

(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 23 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
none	
Total	sq. km

3.2.1.3. Size of Adjoining Lake (Lacustrine wetlands only)

_____ hectares

NA

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
none			

(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
none			

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 = (sum of shoreline on both sides of river within 20 km)	<1 km	_____
	1-3	_____
	4-8	_____
	>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)
2268 ha

3.2.2. Flow Augmentation (Palustrine wetlands only)

Size of Catchment basin 23 sq. km (See 3.2.1.1)
Wetland Area as a % of Catchment Basin Size 100 %
(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)

what about Ramsayville Marsh & peripheral areas?

✓ <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)

3.4.1.1. Riverine Wetlands (area above water level of river)
(check principal vegetation form)

NA

(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. Beach (Lacustine 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

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: Eastern Moraine
Unit Number: 14

4.1.2. Wetland Type Representation (minimum size 0.5 ha)

(check one or more)

- ✓ Marsh
- ✓ Swamp
- Fen
- ✓ Bog

4.1.3. Individual Species

4.1.3.1. Breeding Habitat for an Endangered Animal or Plant Species

	Name of Species	Source of Information
(1)		
(2)		

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

	Name of Species	Source of Information
(1)		
(2)		

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

6. Pied-Billed Grebe
7. Shoveller
8. Black Tern
9. MARSH WREN

	Name of Species	Source of Information
(5)	Northern Harrier	S. Gawn. 1985. T&L 19(5): 254-258.
(1)	Spotted Turtle	(MNR, Cook 1970)
(2)	Least Bittern	~~Proc. Mer Bleue Seminar~~ 1974
(3)	Sedge Wren	S. Gawn. 1985. T&L. 19(5) 254-258
(4)	Lincoln's Sparrow	

4.1.3.4. Provincially Significant Plant Species

There are 26 Spaces or rarer in Gillett & White

	Name of Species	Source of Information
(1)	Habenaria blephariglottis	MNR
(2)	Utricularia geniculata	"
(3)	Listera australis	"
(4)	Carex tolliculata	"
	~~plus others~~	See Trait & Landscape. 1985. 19: 27-47; 96-112; & 155-175

26 significant plants

Blandings turtle NMC 1984
Hawk Owl
Green Heron
Virginia Rail
Swamp Sparrow

NMC 1908

29 significant plants.
29+2=31

4.1.3.5. Regionally Significant Species

Yellow-bellied Flycatcher

Name of Species	Source of Information
(1) Box rosemary	Life Science Invent-
(2) Arethusa	Check-Sheets
(3) Dwarf birch	Mer Bleue Seminar
(4) + many others (insects) etc	

S. Gawn. 1985. 19(5): 254-258.

Enter (A) mr

clay-colored sparrow

S. Gawn 1985. T&L. 19(5): 254-258

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) black terns
(2) ____ Known to have nested within past 5 years; species name(s) ____
(3) ____ Active feeding area
(4) ____ None known

Source of Information: field observation
Proc. Mer Bleue Seminar

4.2.2. Winter Cover for Wildlife
(check only highest level of significance)

(1) ____ Provincial signficance 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: nil - MNR (1983)

4.2.3. Waterfowl Staging
(check only highest level of significance)

(1) ____ National significance
(2) ____ Provincial significance
(3) ____ Regional signficance
(4) ✓ Local or no significance

Source of Information: 100-200 ducks during spring & fall (MNR 1983)

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: ____

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

(1) _____ High significance
(2) ✓ No significance

Source of Information: Significant for red-winged & rusty blackbirds - little significance (Proc. Mer Bleue Seminar)

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: negligible (MNR 1983)

4.2.7. Unusual Geological or other Surficial Features

Feature	Source of Information
(1) Fluvial landforms	Carleton MNR 1983 p29
(2) Raised bog on site of old	Proc. Mer Bleue Seminar

4.3. ECOLOGICAL AGE

Type of Wetland	Enter % of Area
✓ Bog	69
Fen	
✓ Swamp	29
✓ Marsh	2

INVESTIGATORS

Combined evaluation from 2 independent team evaluation
Team 1 (Hall, Taylor, Bryant)
Team 2 (Bottenley, Carlson, Flynn)

AFFILIATION

Canadian Wildlife Service - Ontario Region

DATE

5 & 6 July 1983

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

54 ph.

WEATHER CONDITIONS
(i) at time of field work: very hot
(ii) summer conditions in general:

WETLAND EVALUATION RECORD

Wetland Name..... MER BLEUE BOG

Result of Evaluation: CLASS 1

GENERAL INFORMATION

Ontario Ministry of Natural Resources:
- Region ..... EASTERN
- District ..... CARLETON PLACE

Conservation Authority ..... SNR AND RVCA

County or Regional Municipality ..... OTTAWA-CARLETON

Township ..... GLOUCESTER & CUMBERLAND

UTM Reference Zone 18T
UTM Grid Coordinates 600270

National Topographic Map Series:
- Map Scale 1:50000
- Map Number ..... 31 G/5 & 31 G/6
- Map Name ..... OTTAWA & ?

Wetland Association ..... Single contiguous

Number of Wetlands in Complex 1

Total Size of Wetland (Ha) 2268

WETLAND EVALUATION

NAME AND/OR NUMBER___MER BLEUE BOG

ADMINISTRATIVE REGION___EASTERN

DISTRICT___CARLETON PLACE

CONSERVATION AUTHORITY JURISDICTION___SOUTH NATION & RIDEAU VA

NOT WITHIN A DESIGNATED C A___

COUNTY OR REGIONAL MUNICIPALITY___OTTAWA-CARLETON

TOWNSHIP___GLOUCESTER & CUMBERLAND

MAP SCALE, NUMBER, AND NAME
31 G/5 OTTAWA & 31 G/6 1:50,000

GRID REFERENCE___600270

TOTAL FOR 1.0, BIOLOGICAL COMPONENT_____	170
TOTAL FOR 2.0, SOCIAL COMPONENT_____	190
TOTAL FOR 3.0, HYDROLOGICAL COMPONENT_____	186
TOTAL FOR 4.0, SPECIAL FEATURES COMPONENT__	250
TOTAL_____	796

CLASS_____1

INVESTIGATORS AND AFFILIATION

HALL, ET AL, CWS ONTARIO REGION

DAVIDSON, MNR,87

DATE OF INVESTIGATION___JULY 5, 6, 1983

MER BLEUE BOG

1.0 BIOLOGICAL COMPONENT

1.1 PRODUCTIVITY VALUES

1.1.1 Growing Degree-Days	14
1.1.2 Soils	6
1.1.3 Type of Wetland	7
1.1.4 Site	4
1.1.5 Nutrient Status of Surface Water	20
TOTAL for Productivity Values	51

1.2 DIVERSITY VALUES

1.2.1 Number of Wetland Types	9
1.2.2 Vegetation Communities (not to exceed 30)	30
1.2.3 Diversity of Surrounding Habitat	10
1.2.4 Proximity to other Wetlands	0
1.2.5 Interspersion	12
1.2.6 Open Water Types	8
TOTAL for Diversity Values	69

1.3 SIZE (Biological Component)	50
TOTAL FOR BIOLOGICAL COMPONENT (not to exceed 250)	170

MER BLEUE BOG

2.0 SOCIAL COMPONENT

2.1 RESOURCE PRODUCTS WITH CASH VALUE

2.1.1 Timber (lumber and firewood)	10
2.1.2 Wild Rice	0
2.1.3 Commercial Fish (Bait Fish and/or Coarse Fish	5
2.1.4 Bullfrogs	2
2.1.5 Snapping Turtles	0
2.1.6 Furbearers	15
TOTAL for Resource Products with Cash Value (not to exceed 60)	32

2.2 RECREATIONAL ACTIVITIES (not to exceed 70)	45

2.3 AESTHETICS

2.3.1 Landscape Distinctness	5
2.3.2 Absence of Human Disturbances	15
TOTAL for Aesthetics	20

2.4 EDUCATION AND PUBLIC AWARENESS

2.4.1 Educational Uses	10
2.4.2 Facilities and Programs	20
2.4.3 Research and Studies	5
TOTAL for Education and Public Awareness	35

2.5 PROXIMITY TO URBAN AREAS	20
2.6 OWNERSHIP/ACCESSIBILITY	18
2.7 SIZE (Social Component)	20
TOTAL FOR SOCIAL COMPONENT (not to exceed 250)	190

MER BLEUE BOG

3.0 HYDROLOGICAL COMPONENT

3.1 EFFECT OF ADJOINING LARGE WATER BODY

3.2 FLOW STABILIZATION

3.2.1 Detention Due to Surface Area

3.2.1.1 and			
3.2.1.2 FIRST step	(from table)	90	
3.2.1.3 SECOND step	minus	0 = 90	
3.2.1.5 THIRD step	minus	0 = 90	
3.2.1.6 FOURTH step	minus	0 = 90	(minimum allowable = 0)
3.2.1.7 FIFTH step	plus	40 =130	

TOTAL for Detention Due to Surface Area_____130

3.2.2 Flow Augmentation (from table)_____ 40

TOTAL for Flow Stabilization_____170

3.3 WATER QUALITY IMPROVMENT

3.3.1 Short Term Removal of Nutrients from Surface Water

3.3.1.1 Site Type_____ 2

3.3.1.2 Actual Wetland Area Dominated by Robust Emergents and Submergents_____ 2

3.3.1.3 Land Use in Catchment Basin_____ 3

TOTAL for Short Term Removal of Nutrients from Surface Water_____ 7

3.3.2 Long Term Nutrient Trap_____ 6

TOTAL for Water Quality Improvment_____13

3.4 EROSION CONTROL

3.4.1 Erosion Buffer

3.4.1.1 Riverine Wetlands_____ 0

3.4.1.2 Lacustrine Wetlands_____ 0

3.4.1.3 Fetch_____ 0

TOTAL for Erosion Buffer_____ 0

3.4.2 Sheet Erosion_____ 3

TOTAL for Erosion Control_____ 3

Total → 184

MER BLEUE BOG

4.0 SPECIAL FEATURES COMPONENT

4.1 RARITY AND/OR SCARCITY

4.1.1 Individual Wetlands	20
4.1.2 Wetland Type Representation	20
4.1.3 Individual Species	
4.1.3.1 Breeding Habitat for an Endangered Animal or Plant Species	0
4.1.3.2 Traditional Migration or Feeding Habitat for an Endangered Animal Species	0
4.1.3.3 Breeding or Feeding Habitat for a Provincially Significant Animal Species	150
4.1.3.4 Provincially Significant Plant Species	150
4.1.3.5 Regionally Significant Species	30
TOTAL for Individual Species (not to exceed 250)	250
TOTAL FOR RARITY AND/OR SCARCITY (not to exceed 250)	250

4.2 SIGNIFICANT FEATURES AND/OR FISH AND WILDLIFE HABITAT

4.2.1 Nesting of Colonial Waterbirds	15
4.2.2 Winter Cover for Wildlife	1
4.2.3 Waterfowl Staging	0
4.2.4 Waterfowl Production	5
4.2.5 Migratory Passerine and/or Shorebird Stopover Area	0
4.2.6 Significance for Fish Spawning and Rearing	0
4.2.7 Unusual Geological or other Surficial Features	15
TOTAL FOR SIGNIFICANT FEATURES AND/OR FISH AND WILDLIFE HABITAT (not to exceed 250)	36
4.3 ECOLOGICAL AGE	11

TOTAL FOR SPECIAL FEATURES COMPONENT (not to exceed 250) 250