UMRCC – Veg Ad Hoc
AQUATIC HABITAT QUALITY INDEX

OBSERVER: Hawkins Lake DATE: 8-3-04 POOL: 10 RIVER:
SITE LOCATION: McGregor LK East Finger SIZE (ACRES):
UTM COORDINATES: N: E: N: E:
OBSERVER ADDRESS:
PHONE: EMAIL:

Entire Sector:
%Emergents: 5 + %Open Water: 95 =100%

VEGETATION TYPE

Emergents

Cover: (<5%) (0) (6-40%) (1) (41-60%) (2) (61-80%) (1) (81-100%) (0)

Comments:

Diversity: 0-1 species (0) 2 species (1) 3-5 species (2) > 5 species (3)

Invasive plant abundance: <50% (0) >50% (-1)

Species and percent composition:
SCFL 70% STLA 2 25% SCVA 5% / %

OPEN WATER AREA ↓

Floating-leaved

Cover: (<5%) (0) (6-40%) (1) (41-60%) (2) (61-80%) (1) (81-100%) (0)

Comments: NELU, (yellow Lotus) No Lotus blooming. NYTU- (very little) Water Low,

Submergents

Cover: <10% (1) (10-40%) (2) (40-60%) (3) (60-80%) (4) (80-100%) (2 or 3)

Comments:

Diversity: 0-1 sp. (0) 2 sp. (1) 3-4 sp. (2) 5-6 sp (3) 7+ species (4)

Species and percent composition:
POPE 6 90% CEDE 1 1% NYTU 2 2% PONO 2 1%
NLPW 4 4% VAAM 3 2% / % / %

DEPTH

Max. depth (feet) 1 - 4 (1) > 4 (2)

Max. depth (feet) observed vegetation < 1 (1) 1 - 3 (2) > 3 (3)

(Corrected to average or normal depth during the majority of the growing season)

Substrate Composition Silt or clay or muck (only) (1) Sand (only) (1) Silt/clay/muck with sand and/or gravel (2)

SITE SCORE (range 0-22) 12

General Comments: High water through July may have hindered some plant growth.

UMRCC – Veg Ad Hoc
AQUATIC HABITAT QUALITY INDEX

OBSERVER: Henkenius/Loose DATE: 8-27-03 POOL: 10 RIVER: U M
SITE LOCATION: McGregor Lake E fringe SIZE (ACRES): ____
UTM COORDINATES: N: ____ E: ____ N: ____ E: ____
OBSERVER ADDRESS: ____
PHONE: ____ EMAIL: ____

Entire Sector:
%Emergents: 5 + %Open Water: 95 =100%

VEGETATION TYPE

Cover: (<5%) (0) (6-40%) (1) (41-60%) (2) (61-80%) (1) (81-100%) (0)

Comments: Near Record Low Water Levels 6.2 at McGregor

Emergent Vegetation

Diversity: 0-1 species (0) 2 species (1) 3-5 species (2) > 5 species (3)

Invasive plant abundance: <50% (0) >50% (-1)

Species and percent composition:
SALA2 / 10% SCVA / 10% SCFL / 80% ____ / __%

OPEN WATER AREA ↓

Floating-leaved Vegetation

Cover: (<5%) (0) (6-40%) (1) (41-60%) (2) (61-80%) (1) (81-100%) (0)

Comments: NELU

Submersed Aquatic Vegetation

Cover: (<10%) (1) (10-40%) (2) (40-60%) (3) (60-80%) (4) (80-100%) (2 or 3)

Comments: ____

Diversity: 0-1 sp. (0) 2 sp. (1) 3-4 sp. (2) 5-6 sp. (3) 7+ species (4)

Species and percent composition:
pope6 / 69% NLPW % 30 / __% CEDE4 / 1%
__ / __% ____ / __% ____ / __% ____ / __%

DEPTH

Max. depth (feet) 1 - 4 (1) > 4 (2)

Max. depth (feet) observed vegetation < 1 (1) 1 - 3 (2) > 3 (3)

(Corrected to average or normal depth during the majority of the growing season)

Substrate Composition Silt or clay or muck (only) (1) Sand (only) (1) Silt/clay/muck with sand and/or gravel (2)

SITE SCORE (range 0-22) 12

General Comments: Good shorebird use

UMRCC – Veg Ad Hoc
AQUATIC HABITAT QUALITY INDEX

OBSERVER: Loose DATE: 8-28-02 POOL: 10 RIVER: Mississippi
SITE LOCATION: McGregor Lake E Fringe SIZE (ACRES):
UTM COORDINATES: N: 0649453 E: 4765377 N: 649980 E: 4766557
OBSERVER ADDRESS:
PHONE: 563-873-3423 ext 4 EMAIL: Tim_Loose@FWS.GOV

Entire Sector:
%Emergents: 5 + %Open Water: 95 =100%

VEGETATION TYPE

Emergents

Cover: (<5%) (6-40%) (41-60%) (61-80%) (81-100%)
(0) (1) (2) (1) (0)

Diversity: 0-1 species (0) 2 species (1) 3-5 species (2) > 5 species (3)

Invasive plant abundance: <50% (0) >50% (-1)

Comments:

Species and percent composition:
SALA2 5% SCVA 4% SCFL 90% POAMS 1%

OPEN WATER AREA ↓

Floating-leaved

Cover: (<5%) (6-40%) (41-60%) (61-80%) (81-100%)
(0) (1) (2) (1) (0)

Comments: NELU NYTY
very little water lily

Submergents

Cover: (<10%) (10-40%) (40-60%) (60-80%) (80-100%)
(1) (2) (3) (4) (2 or 3)

Comments: None found

Diversity: 0-1 sp. (0) 2 sp. (1) 3-4 sp. (2) 5-6 sp. (3) 7+ species (4)

Species and percent composition:
____/__% ____/__% ____/__% ____/__%
____/__% ____/__% ____/__% ____/__%

DEPTH

Max. depth (feet) 1 - 4 (1) > 4 (2)

Max. depth (feet) observed vegetation ≤ 1 (1) 1 - 3 (2) ≥ 3 (3)

(Corrected to average or normal depth during the majority of the growing season)

Substrate Composition Silt or clay or muck (only) (1) Sand (only) (1) Silt/clay/muck with sand and/or gravel (2)

SITE SCORE (range 0-22) 9

General Comments: Found it very strange that there was not a single submergent plant

Lots of cord grass on shore line

UMRCC – Veg Ad Hoc
AQUATIC HABITAT QUALITY INDEX

OBSERVER: Henkenus Loose DATE: 8-26-03 POOL: 10 RIVER: UM
SITE LOCATION: Tilmont Lake HREP SIZE (ACRES):
UTM COORDINATES: N: 15T0649430 4773174 E:
OBSERVER ADDRESS:
PHONE: EMAIL:

Entire Sector:
%Emergents: 10 + %Open Water: 90 =100%

VEGETATION TYPE

Cover: (<5%) (0) (6-40%) (1) (41-60%) (2) (61-80%) (1) (81-100%) (0)

Comments:

Emergent Vegetation

Diversity: 0-1 species (0) 2 species (1) 3-5 species (2) > 5 species (3)

Invasive plant abundance: <50% (0) >50% (-1)

Species and percent composition:
/__% SALA2 50 /__% SCFL 50

OPEN WATER AREA ↓

Floating-leaved Vegetation

Cover: (<5%) (0) (6-40%) (1) (41-60%) (2) (61-80%) (1) (81-100%) (0)

Comments: NELU NYTU

Submersed Aquatic Vegetation

Cover: (<10%) (1) (10-40%) (2) (40-60%) (3) (60-80%) (4) (80-100%) (2 or 3)

Comments:

Diversity: 0-1 sp. (0) 2 sp. (1) 3-4 sp. (2) 5-6 sp. (3) 7+ species (4)

mostly in front of closing structure

Species and percent composition:
CEDE 41 % NLPW 1 % /__% /__%
/__% /__% /__% /__%

DEPTH

excepted dredged channel

Max. depth (feet) 1 - 4 (1) corrected > 4 (2) corrected

Max. depth (feet) observed vegetation < 1 (1) 1 - 3 (2) > 3 (3)

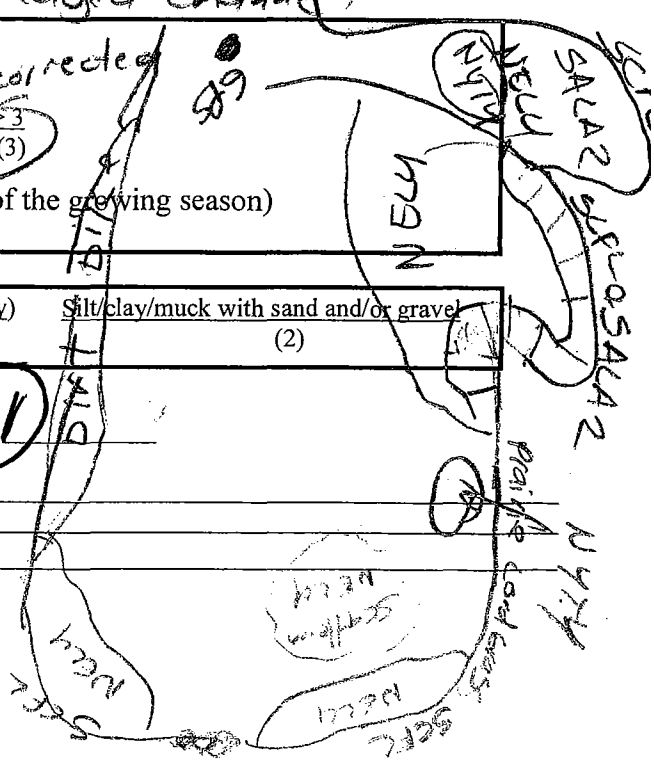
(Corrected to average or normal depth during the majority of the growing season)

Substrate Composition Silt or clay or muck (only) (1) Sand (only) (1) Silt/clay/muck with sand and/or gravel (2)

SITE SCORE (range 0-22) 11

General Comments: Sattered sandpiper

1 +
8 Dredge along peninsula
willows resprouting



UMRCC – Veg Ad Hoc
AQUATIC HABITAT QUALITY INDEX

OBSERVER: Loose, Henkens DATE: 8-3-04 POOL: 10 RIVER:
SITE LOCATION: Tilmont LAKE SIZE (ACRES):
UTM COORDINATES: N: E: N: E:
OBSERVER ADDRESS:
PHONE: EMAIL:

Entire Sector:
%Emergents: 8 + %Open Water: 92 =100%

VEGETATION TYPE

Cover: (<5%) (0) (6-40%) (1) (41-60%) (2) (61-80%) (1) (81-100%) (0)

Comments:

Emergents

Diversity: 0-1 species (0) 2 species (1) 3-5 species (2) ≥ 5 species (3)

Invasive plant abundance: <50% (0) >50% (-1)

Species and percent composition:
SALA2 / 47% SCFL / 50% POPHS / 3% / %

OPEN WATER AREA ↓

Floating-leaved

Cover: (<5%) (0) (6-40%) (1) (41-60%) (2) (61-80%) (1) (81-100%) (0)

Comments: NELU, NYTU
NYTU - flowered
NELU - Start to bloom

Submergents

Cover: (<10%) (1) (10-40%) (2) (40-60%) (3) (60-80%) (4) (80-100%) (2 or 3)

Comments:

Diversity: 0-1 sp. (0) 2 sp. (1) 3-4 sp. (2) 5-6 sp. (3) 7+ species (4)

Species and percent composition:
CEDE / 20% POPHS / 79% NLPW / 1% / %
/ % / % / % / %

DEPTH

Max. depth (feet) 1 - 4 (1) ≥ 4 (2)

Max. depth (feet) observed vegetation ≤ 1 (1) 1 - 3 (2) ≥ 3 (3)

(Corrected to average or normal depth during the majority of the growing season)

Substrate Composition Silt or clay or muck (only) (1) Sand (only) (1) Silt/clay/muck with sand and/or gravel (2)

SITE SCORE (range 0-22) 11

General Comments: