

APPENDIX C

Lake Maspenock Aquatic Vegetation Survey May 2022 – Raw Data Sheets

Monitoring Site No. **NB/EC**
 GPS Location N **42° 12' 25"** W **71° 32' 18"**
 (SS = Sabine DTM - Dave
 JC John L JB - Joe
 MT Mark T
 5-1
 3.3 ft
 depth from cor. code
 Sampler Name: **5-1 MT Mark T**
 Survey Date: **5/20/21**
 SDT Depth (ft): **5.1 (JB)**

Plant Name	Aquatic Vegetation Coverage				Aquatic Vegetation Density			
	OBS #1	OBS #2	OBS #3	OBS #4	OBS #1	OBS #2	OBS #3	OBS #4
Variable milfoil					T	T		
Fanwort								
Naiad	1	2						
Pegria								
Large leaf pondweed								
Ribbon-leaf Pondweed								
Pondweed A								
Pondweed B								
Potamogeton								
Wild Celery (tapegrass)								
Bladderwort								
Nitella								
Najas spp.								
White waterlily								
Yellow waterlily								
Watershield								
Unknown 1								
Unknown 2								
Filamentous Algae								
Attached Algae								
Observations: stick, leaves,								

Coverage code: 1 = 5-25% 2 = 26-50% 3 = 51-75% 4 = 76-100%
 Density code: T = trace S = sparse M = medium D = dense

Monitoring Site No.: NB/C
 GPS Location N 42.12.17'
 W 71.33.31"

Survey Date: 5/20/22
 Sampler Name: SS JC PT
 Total Depth (ft): 6.3

SDT Depth (ft): 6.3 (TB)

Plant Name	Aquatic Vegetation Coverage				Aquatic Vegetation Density			
	OBS #1	OBS #2	OBS #3	OBS #4	OBS #1	OBS #2	OBS #3	OBS #4
Variable milfoil	3	3			M	M		
Fanwort								
Najas								
Utricularia								
Large leaf pondweed	2	1			S	S		
Ribbon-leaf Pondweed								
Pondweed A								
Pondweed B								
Flotea		1				T		
Wild Celery (tapegrass)								
Bladderwort								
Nitella								
Najas spp.								
White waterlily								
Yellow waterlily								
Watershield								
Unknown 1								
Unknown 2								
Filamentous Algae								
Attached Algae								
Observations:								

Coverage code: 1 = 5-25% 2 = 26-50% 3 = 51-75% 4 = 76-100%
 Density code: T = trace S = sparse M = medium D = dense

Monitoring Site No.: NB/C

Sampler Name: SS JR
JB DM
MC

Survey Date: 5/20/02

GPS Location N 42° 12' 10"
W 71° 33' 28"

Total Depth (ft): 6.5

SDT Depth (ft): 6.5 (TB)

Plant Name	Aquatic Vegetation Coverage				Aquatic Vegetation Density			
	OBS. #1	OBS. #2	OBS. #3	OBS. #4	OBS. #1	OBS. #2	OBS. #3	OBS. #4
Variable milfoil	3	3			2	2		
Fanwort								
Naiad								
Figeria								
Large leaf pondweed	2				2	2		
Ribbon-leaf Pondweed								
Pondweed A								
Pondweed B								
Elodea								
Wild Celery (tapegrass)					1	2		
Bladderwort								
Nitella								
Najas spp.								
White waterlily								
Yellow waterlily								
Watershield								
Unknown 1								
Unknown 2								
Filamentous Algae								
Attached Algae								
Observations: <u>near ski course (approx. not marked yet)</u>								

Coverage code: 1 = 5-25%
2 = 26-50%
3 = 51-75%
4 = 76-100%

Density code: T = trace
S = sparse
M = medium
D = dense

Monitoring Site No. **NB/WB**
 GPS Location N **42° 12' 5"**
 W **71° 33' 36"**

Survey Date: **5/20/22**
 Sampler Name: **JC SS
 JP DM
 MY**

Total Depth (ft): **5.0**
 SDT Depth (ft): **5.0 (TB)**

Plant Name	Aquatic Vegetation Coverage				Aquatic Vegetation Density			
	OBS #1	OBS #2	OBS #3	OBS #4	OBS #1	OBS #2	OBS #3	OBS #4
Variable milfoil		1			X			
Fanwort								
Naiad								
Potamogeton								
Large leaf pondweed		1						
Ribbon-leaf Pondweed								
Pondweed A								
Pondweed B								
Elodea								
Wild Celery (tapegrass)								
Bladderwort								
Nitella								
Najas spp.								
White waterlily								
Yellow waterlily								
Watershield								
Unknown 1								
Unknown 2								
Filamentous Algae								
Attached Algae								
Observations: Lake level down 6" - 12" / 9", eagle spotted								

Coverage code: 1 = 5-25% 2 = 26-50% 3 = 51-75% 4 = 76-100%
 Density code: T = trace S = sparse M = medium D = dense

Monitoring Site No. **NB/NWI**
 GPS Location **N 42° 12' 0" W 71° 33' 23"**

Sampler Name: _____
 Total Depth (ft): **5.0**

Survey Date: **5/20/08**
 SDT Depth (ft): **5.0 CTB**

Plant Name	Aquatic Vegetation Coverage				Aquatic Vegetation Density			
	OBS #1	OBS #2	OBS #3	OBS #4	OBS #1	OBS #2	OBS #3	OBS #4
Variable naiad								
Fanwort								
Naiad	1				T			
Figeria								
Large leaf pondweed								
Ribbon-leaf Pondweed								
Pondweed A								
Pondweed B								
Flooded								
Wild Celery (tapegrass)	1				T			
Bladderwort								
Nitella								
Najas spp.								
White waterlily								
Yellow waterlily								
Watershield								
Unknown 1								
Unknown 2								
Filamentous Algae								
Attached Algae								
Observations:								

Coverage code: 1 = 5-25%
 2 = 26-50%
 3 = 51-75%
 4 = 76-100%

Density code: T = trace
 S = sparse
 M = medium
 D = dense

JC SS
JP DM
MT

Monitoring Site No. **BW/I**

Survey Date: **5/20/12**

Sampler Name:

GPS Location N **42° 11' 57"**
W **71° 33' 13"**

SDT Depth (ft): **7.5 (TB)**

Total Depth (ft): **7.5**

Plant Name	Aquatic Vegetation Coverage				Aquatic Vegetation Density			
	OBS #1	OBS #2	OBS #3	OBS #4	OBS #1	OBS #2	OBS #3	OBS #4
Variable milfoil								
Fanwort								
Naiad								
Potamogeton								
Large leaf pondweed								
Ribbon-leaf Pondweed								
Pondweed A								
Pondweed B								
Elodea								
Wild Celery (tapegrass)								
Bladderwort								
Nitella								
Najas spp.								
White waterlily								
Yellow waterlily								
Watershield								
Unknown 1								
Unknown 2								
Filamentous Algae								
Attached Algae								

Too DEEP

T
T
T

Observations: **FV Mudd**

Coverage code: 1 = 5-25% 2 = 26-50% 3 = 51-75% 4 = 76-100%
Density code: T = trace S = sparse M = medium D = dense

Monitoring Site No. NSI

GPS Location N 42° 11' 52"
W 71° 33' 16"

(JB DM
JE SS
MC)
Sampler Name: _____

Total Depth (ft): 2.1

Survey Date: 5/22/20

SDT Depth (ft): 2.1 TB

No PLANTS

Plant Name	Aquatic Vegetation Coverage				Aquatic Vegetation Density			
	OBS. #1	OBS. #2	OBS. #3	OBS. #4	OBS. #1	OBS. #2	OBS. #3	OBS. #4
Variable milfoil								
Fanwort								
Najas								
Potamogeton								
Large leaf pondweed								
Ribbon-leaf Pondweed								
Pondweed A								
Pondweed B								
Elodea								
Wild Celery (tapegrass)								
Bladderwort								
Najas								
Najas spp.								
White waterlily								
Yellow waterlily								
Watershield								
Unknown 1								
Unknown 2								
Filamentous Algae								
Attached Algae								
Observations:	<u>leaf & muck. shallow at boat launch</u>							

Coverage code: 1 = 5-25%
2 = 26-50%
3 = 51-75%
4 = 76-100%

Density code: T = trace
S = sparse
M = medium
D = dense

JC JB
DM FS
ME

Monitoring Site No. SB/5B
 Survey Date: 5/22/20

Sampler Name: _____
 Total Depth (ft): 9.7

GPS Location N 42° 11' 48"
 W 71° 33' 19"

SDT Depth (ft): 8.2

Plant Name	SCORE				ANCHOR			
	OBS #1	OBS #2	OBS #3	OBS #4	OBS #1	OBS #2	OBS #3	OBS #4
Variable milfoil								
Fanwort								
Naiad	2	2			S	T		
Potamogeton								
Large leaf pondweed								
Ribbon-leaf Pondweed	2	2			S	T		
Pondweed A								
Pondweed B								
Elodea								
Wild Celery (tapegrass)								
Bladderwort								
Nitella								
Najas spp.								
White waterlily								
Yellow waterlily								
Watershield								
Unknown 1								
Unknown 2								
Filamentous Algae								
Attached Algae								
Observations:								

Coverage code: 1 = 5-25% 3 = 51-75%
 2 = 26-50% 4 = 76-100%

Density code: T = trace M = medium
 S = sparse D = dense

Monitoring Site No. SB/EC 5

Sampler Name: JB SS
JL PM

Survey Date: 5/20/20

GPS Location N 42° 11' 11"
W 71° 33' 17"

Total Depth (ft): 7.0

SDT Depth (ft): 7.0 TB

Plant Name	S - M generally Aquatic Vegetation Coverage				Aquatic Vegetation Density			
	OBS #1	OBS #2	OBS #3	OBS #4	OBS #1	OBS #2	OBS #3	OBS #4
Variable milfoil					T	T		
Fanwort								
Naiad								
Pegia								
Large leaf pondweed					T	S		
Ribbon-leaf Pondweed								
Pondweed A								
Pondweed B								
Elodea						T		
Wild Celery (tapegrass)						T		
Bladderwort								
Nitella								
Najas spp.								
White waterlily								
Yellow waterlily								
Watershield								
Unknown 1								
Unknown 2								
Filamentous Algae								
Attached Algae								
Observations:								

Coverage code: 1 = 5-25%
2 = 26-50%

3 = 51-75%
4 = 76-100%

Density code: T = trace
S = sparse

M = medium
D = dense

Monitoring Site No. **SB/WC**

Sampler Name: **JC SS JB DM MT**

Survey Date: **5/20/22**

GPS Location **N 42 11 08 W 71 33 19**

Total Depth (ft): **13.8**

SDT Depth (ft): **9.0**

To: DEEP to SEE

Plant Name	Aquatic Vegetation Coverage				Aquatic Vegetation Density			
	OBS #1	OBS #2	OBS #3	OBS #4	OBS #1	OBS #2	OBS #3	OBS #4
Variable milfoil	✓				2	X		
Fanwort								
Naiad								
Potamogeton								
Large leaf pondweed								
Ribbon-leaf Pondweed								
Pondweed A								
Pondweed B								
Filodea								
Wild Celery (tapegrass)								
Bladderwort								
Nitella								
Najas spp.								
White waterlily								
Yellow waterlily								
Watershield								
Unknown 1								
Unknown 2								
Filamentous Algae								
Attached Algae								
Observations:	Deep station							

Coverage code: 1 = 5-25%
 2 = 26-50%
 3 = 51-75%
 4 = 76-100%

Density code: T = trace
 S = sparse
 M = medium
 D = dense

Monitoring Site No. **SB/DAM**

Sampler Name: **JC JB**
SS OF

Survey Date: **5/22/20**

GPS Location **N 42° 10' 57"**
W 71° 23' 11"

Total Depth (ft): **4.9**

SDT Depth (ft): **7.9 (TD)**

CLEAN
Aquatic Vegetation Coverage

Aquatic Vegetation Density

Plant Name	OBS #1	OBS #2	OBS #3	OBS #4	OBS #1	OBS #2	OBS #3	OBS #4
Variable milfoil					<input checked="" type="checkbox"/>			
Fanwort								
Naiad								
Pogonia								
Farge leaf pondweed								
Ribbon-leaf Pondweed								
Pondweed A								
Pondweed B								
Elodea								
Wild Celery (tapegrass)								
Bladderwort								
Nitella								
Najas spp.								
White waterlily								
Yellow waterlily								
Watershield								
Unknown 1								
Unknown 2								
Filamentous Algae								
Attached Algae								
Observations:								

Coverage code: 1 = 5-25% 3 = 51-75%
2 = 26-50% 4 = 76-100%

Density code: T = trace M = medium
S = sparse D = dense