

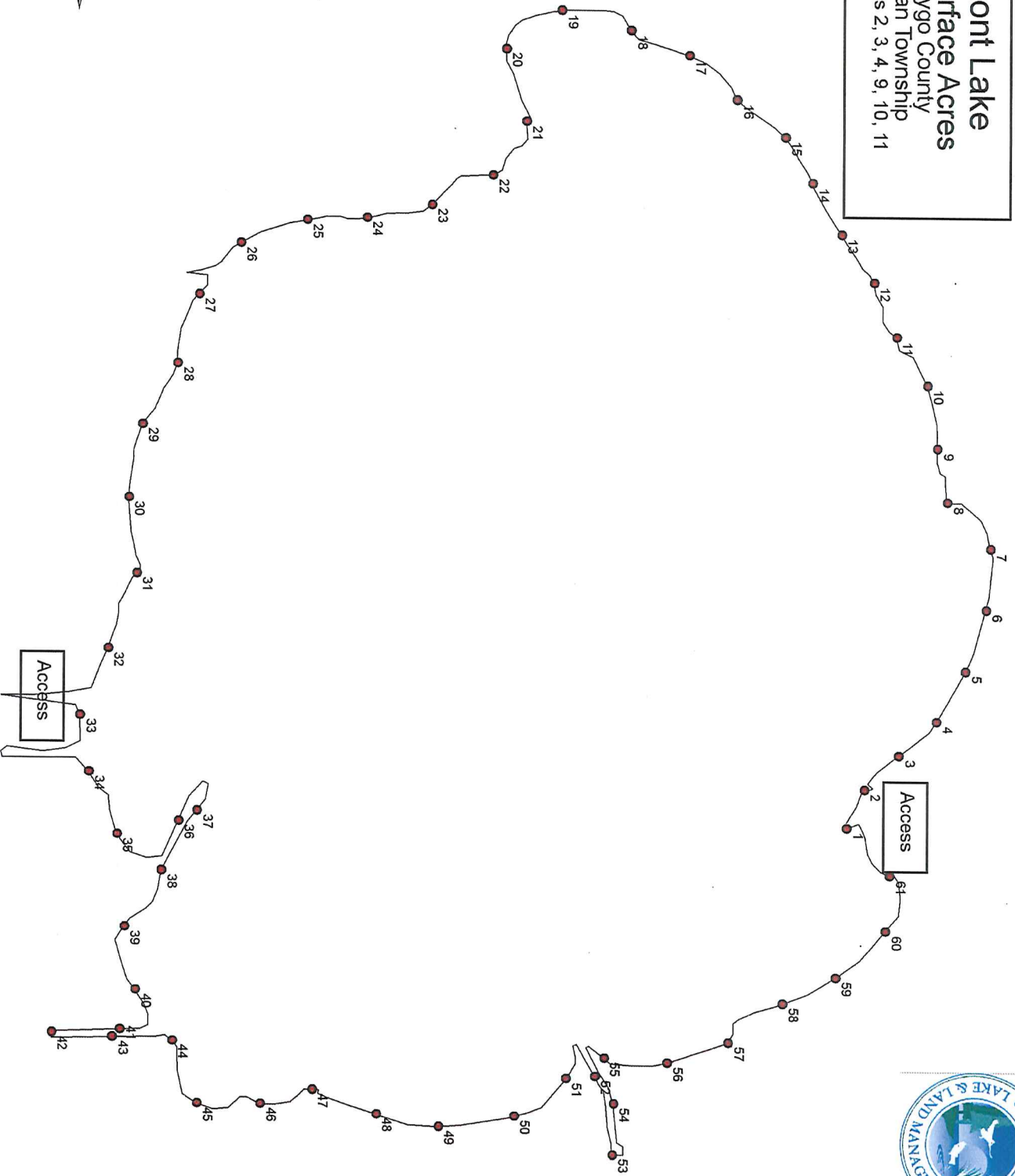
### Standard Aquatic Vegetation Summary Sheet

Code No	Plant Name	Total number of AVAS's for each Density Category				Calculations				Sum of Columns 5-8	Total No. of AVAS	Col 9 divided by Col 10
		A	B	C	D	A x 1	B x 10	C x 40	D x 80	9	10	11
1	Eurasian watermilfoil	11	1	0	0	11	10	0	0	21	61	0.34
2	Curly leaf pondweed	0	0	0	0	0	0	0	0			
3	Chara	13	33	2	0	13	330	80	0	423	61	6.93
4	Thinleaf pondweed	0	44	5	0	0	440	200	0	640	61	10.49
5	Flatstem pondweed	0	0	0	0	0	0	0	0			
6	Robbins pondweed	0	0	0	0	0	0	0	0			
7	Variable pondweed	0	22	1	0	0	220	40	0	260	61	4.26
8	White stem pondweed	0	0	0	0	0	0	0	0			
9	Richardsons pondweed	0	2	0	0	0	20	0	0	20	61	0.33
10	Illinois pondweed	2	42	11	0	2	420	440	0	862	61	14.13
11	Large leaf pondweed	0	4	0	0	0	40	0	0	40	61	0.66
12	American pondweed	1	7	0	0	1	70	0	0	71	61	1.16
13	Floating leaf pondweed	0	0	0	0	0	0	0	0			
14	Water stargrass	0	0	0	0	0	0	0	0			
15	Wild celery	0	6	32	21	0	60	1280	1680	3020	61	49.51
16	Sagittaria (submersed)	0	0	0	0	0	0	0	0			
17	Northern watermilfoil	0	0	0	0	0	0	0	0			
18	Green watermilfoil	0	0	0	0	0	0	0	0			
19	Variable leaf watermilfoil	0	0	0	0	0	0	0	0			
20	Coontail	3	44	5	0	3	440	200	0	643	61	10.54
21	Elodea	1	0	0	0	1	0	0	0	1	61	0.02
22	Bladderwort	10	2	0	0	10	20	0	0	30	61	0.49
23	Mini Bladderwort	0	0	0	0	0	0	0	0			
24	Buttercup	0	0	0	0	0	0	0	0			
25	Naiad	15	27	5	0	15	270	200	0	485	61	7.95
26	Brittle naiad	0	0	0	0	0	0	0	0			
27	Sago Pondweed	0	21	31	1	0	210	1240	80	1530	61	25.08
28	Cabomba	0	0	0	0	0	0	0	0			
29	Starry stonewort	0	0	0	0	0	0	0	0			
30	Water Lily	1	0	0	0	1	0	0	0	1	61	0.02
31	Spatterdock	3	8	4	0	3	80	160	0	243	61	3.98
32	Water shield	0	0	0	0	0	0	0	0			
33	Lemna minor	0	0	0	0	0	0	0	0			
34	Greater duckweed	0	0	0	0	0	0	0	0			
35	Watermeal	0	0	0	0	0	0	0	0			
36	Arrowhead	0	0	0	0	0	0	0	0			
37	Pickereelweed	0	0	0	0	0	0	0	0			
38	Arrow arum	0	0	0	0	0	0	0	0			
39	Cattail	7	20	2	4	7	200	80	320	607	61	9.95
40	Bulrush	0	1	0	0	0	10	0	0	10	61	0.16
41	Iris	0	0	0	0	0	0	0	0			
42	Swamp loosestrife	0	3	0	0	0	30	0	0	30	61	0.49
43	Purple loosestrife	0	0	0	0	0	0	0	0			
44	Phragmites	0	2	0	0	0	20	0	0	20	61	0.33
45		0	0	0	0	0	0	0	0			
46	Slender spikerush	0	0	0	0	0	0	0	0			
47	Smartweed	0	0	0	0	0	0	0	0			
48	Water marigold	0	0	0	0	0	0	0	0			
49	American lotus	0	0	0	0	0	0	0	0			
50		0	0	0	0		0	0	0			

**Total cumulative cover**

**146.84**

**Fremont Lake**  
**810 Surface Acres**  
Newaygo County  
Sheridan Township  
T12 R14 Secs 2, 3, 4, 9, 10, 11





Lake: Fremont  
 County: Newrygo

Surveyor: Gray  
 Date: 9/15/20

Survey 550

Standard Aquatic Vegetation Assessment Site Field Data Sheet

	Plant Name	Site	Site	Site	Site	Site	Site	Site		Site	Site	Site	Site	Site	Site	Site	Site
		1	2	3	4	5	6	7	8		9	10	11	12	13	14	15
1	Eurasian watermilfoil							a	1								
2	Curly leaf pondweed								2								a
3	Chara	b		b	b		a	b	3			a	b				a
4	Thinleaf pondweed	b	b	b	b	b	b	b	4	b	b	b	b	b	b	b	b
5	Flatstem pondweed								5								
6	Robbins pondweed								6								
7	Variable pondweed		c	b	b	b			7		b	b	b	b	b	b	b
8	White stem pondweed								8								
9	Richardsons pondweed								9								
10	Illinois pondweed	c	b	c	c	b	b	b	10	b	b	b	b	b	c	b	b
11	Large leaf pondweed							b	11								
12	American pondweed		b	a					12								
13	Floating leaf pondweed								13								
14	Water stargrass								14								
15	Wild celery	c	c	b	c	c	c	c	15	c	a	c	c	c	c	c	c
16	Sagittaria (submersed)								16								
17	Northern watermilfoil								17								
18	Green watermilfoil								18								
19	Two-leaved watermilfoil								19								
20	Coontail	c	c	b	c				20	b	a		a		b	b	b
21	Elodea	a							21								
22	Bladderwort								22								
23	Mini Bladderwort								23								
24	Buttercup								24								
25	Naiad		b		b	a	b	b	25	b	b	a	a			a	b
26	Brittle naiad								26								
27	Sago Pondweed	c	c		b	b		b	27	b	b	b	b	b	b	b	
28	Cabomba								28								
29	Starry Stonewort								29								
30	Water Lily								30								
31	Spatterdock								31								
32	Water shield								32								a
33	Lemna minor								33								
34	Greater duckweed								34								
35	Watermeal								35								
36	Arrowhead								36								
37	Pickrelweed								37								
38	Arrow arum								38								
39	Cattail				b	b		a	39	a	a			b		a	
40	Bulrush	b							40								
41	Iris								41								
42	Swamp loosestrife								42								
43	Purple loosestrife								43								
44	Phragmites								44								
45	Variable leaf milfoil								45								
46	Slender spikerush								46								
47	Smartweed								47								
48	Water Marigold								48								
49	American Lotus								49								
50									50								



Lake:  
County:

Surveyor:  
Date:

Standard Aquatic Vegetation Assessment Site Field Data Sheet

	Plant Name	Site	Site	Site	Site	Site	Site	Site	Site		Site	Site	Site	Site	Site	Site	Site	Site
		17	18	19	20	21	22	23	24		25	26	27	28	29	30	31	32
1	Eurasian watermilfoil			a		a				1								
2	Curly leaf pondweed									2			a	a		a		a
3	Chara	b		b	b	b	a	a	a	3	a		a					
4	Thinleaf pondweed	b	b	b	c	b	b	b	b	4	c	b	b	b	b	b	b	b
5	Flatstem pondweed									5								
6	Robbins pondweed									6								
7	Variable pondweed	b	b	b	b	b	b			7								
8	White stem pondweed									8								b
9	Richardsons pondweed									9								
10	Illinois pondweed	b	b	b	b	b	b	a	b	10	b	b	b		a	b	b	c
11	Large leaf pondweed									11								
12	American pondweed									12								
13	Floating leaf pondweed									13								
14	Water stargrass									14								
15	Wild celery	c	c	c	c	c	d	c	c	15	c	c	c	b	d	d	d	d
16	Sagittaria (submersed)									16								
17	Northern watermilfoil									17								
18	Green watermilfoil									18								
19	Two-leaved watermilfoil									19								
20	Coontail	a	b	b	b	b	b	b	b	20	b	b	b	b	b	b	b	b
21	Elodea									21								
22	Bladderwort									22								
23	Mini Bladderwort									23								a
24	Buttercup									24								
25	Naiad	b	b	c	c	a	b	a	a	25								
26	Brittle naiad									26						a	a	b
27	Sago Pondweed	c	c	c	c	c	c	b	b	27	c	b	c	c	c	c	c	c
28	Cabomba									28								
29	Starry Stonewort									29								
30	Water Lily									30								
31	Spatterdock	a	b	b						31								a
32	Water shield									32								b
33	Lemna minor									33								
34	Greater duckweed									34								
35	Watermeal									35								
36	Arrowhead									36								
37	Pickerelweed									37								
38	Arrow arum									38								
39	Cattail	b	c	b	b	b	a			39	a	b	b	b	a			b
40	Bulrush									40								
41	Iris									41								
42	Swamp loosestrife									42								
43	Purple loosestrife									43								b
44	Phragmites									44								
45	Variable leaf milfoil									45							b	
46	Slender spikerush									46								
47	Smartweed									47								
48	Water Marigold									48								
49	American Lotus									49								
50										50								



Lake:

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Standard Aquatic Vegetation Assessment Site Field Data Sheet

	Plant Name	Site	Site	Site	Site	Site	Site	Site	Site		Site	Site	Site	Site	Site	Site	Site	Site
		33	34	35	36	37	38	39	40		41	42	43	44	45	46	47	48
1	Eurasian watermilfoil	a	a	a	a					1								
2	Curly leaf pondweed									2								
3	Chara	b	b	b	b	b	b	b	b	3	b	b	b	b				
4	Thinleaf pondweed		b		b	b	b	b	b	4				c				
5	Flatstem pondweed									5								
6	Robbins pondweed									6								
7	Variable pondweed	b	b			b		b	b	7	b							
8	White stem pondweed									8								
9	Richardsons pondweed									9								
10	Illinois pondweed	c	c	b	b	b	b	b	b	10	b	b	b	b	b	b	b	b
11	Large leaf pondweed									11								
12	American pondweed	b	b							12								
13	Floating leaf pondweed									13								
14	Water stargrass									14								
15	Wild celery	c	c	d	d	c	d	d	d	15	c	d	b	d	d	d	d	d
16	Sagittaria (submersed)									16								
17	Northern watermilfoil									17								
18	Green watermilfoil									18								
19	Two-leaved watermilfoil									19								
20	Coontail	b	b	b	b	b	b	b	b	20	b	b	b	b	b	b	b	b
21	Elodea									21								
22	Bladderwort				a					22	b	a	c	a	a	a		a
23	Mini Bladderwort									23								
24	Buttercup									24								
25	Naiad	c	c	c	b	b	b	b	b	25		b	b	b	b	b	a	a
26	Brittle naiad									26								
27	Sago Pondweed	c	c	c	c	c	c	c	c	27		b	b	c	c	c	c	c
28	Cabomba									28								
29	Starry Stonewort									29								
30	Water Lily									30								
31	Spatterdock			c	b	b	c	c	b	31				c	b			b
32	Water shield									32								
33	Lemna minor									33								
34	Greater duckweed									34								
35	Watermeal									35								
36	Arrowhead									36								
37	Pickerelweed									37								
38	Arrow arum									38								
39	Cattail	b	b	b		b	b	b		39				c	d	d	d	d
40	Bulrush									40								
41	Iris									41								
42	Swamp loosestrife		b						b	42								
43	Purple loosestrife									43								
44	Phragmites									44								
45	Variable leaf milfoil								b	45								
46	Slender spikerush									46								
47	Smartweed									47								
48	Water Marigold									48								
49	American Lotus									49								
50										50								



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Standard Aquatic Vegetation Assessment Site Field Data Sheet

	Plant Name	Site	Site	Site	Site	Site	Site	Site	Site		Site	Site	Site	Site	Site	Site	Site
		49	50	51	52	53	54	55	56		57	58	59	60	61	62	63
1	Eurasian watermilfoil									1							
2	Curly leaf pondweed									2		b					
3	Chara	b	b	a	a	b	a	b	a	3	b	b	b	a	b		
4	Thinleaf pondweed	b	b	b	b	b	b	b	b	4	b	b	b	b	b		
5	Flatstem pondweed									5							
6	Robbins pondweed									6							
7	Variable pondweed									7							
8	White stem pondweed									8							
9	Richardsons pondweed		c				b			9							
10	Illinois pondweed	b		b	b	b	b	b		10	c	c	c	b	c		
11	Large leaf pondweed									11					b		
12	American pondweed									12		b	b	b	b		
13	Floating leaf pondweed									13							
14	Water stargrass									14							
15	Wild celery	d	d	c	d	c	b	c	b	15	d	d	d	c	c		
16	Sagittaria (submersed)									16							
17	Northern watermilfoil									17							
18	Green watermilfoil									18							
19	Two-leaved watermilfoil									19							
20	Coontail	b	b	b	b			b	b	20	b	b	b	c	c		
21	Elodea									21							
22	Bladderwort	a		a		b	a			22							
23	Mini Bladderwort									23							
24	Buttercup									24							
25	Naiad	a	b	b	b	a	b			25	a	b	b	a			
26	Brittle naiad									26							
27	Sago Pondweed	e	c	b	b	b	b	b	b	27	c	d	c	b			
28	Cabomba									28							
29	Starry Stonewort									29							
30	Water Lily									30							
31	Spatterdock									31	b						
32	Water shield									32					a		
33	Lemna minor									33							
34	Greater duckweed									34							
35	Watermeal									35							
36	Arrowhead									36							
37	Pickerelweed									37							
38	Arrow arum									38							
39	Cattail									39							
40	Bulrush									40	b		b	b	b		
41	Iris									41							
42	Swamp loosestrife									42							
43	Purple loosestrife									43							
44	Phragmites									44							
45	Variable leaf milfoil									45							
46	Slender spikerush									46							
47	Smartweed									47							
48	Water Marigold									48							
49	American Lotus									49							
50										50							