
CCLRD

Camp and Center Lakes Rehabilitation District

Dean Hintzman , Chairman
Donna Wade , Secretary
Charles Walker , Treasurer
Dennis Faber , Commissioner , Town Of Salem
Doug Hughes , Commissioner



December 1, 2014

Mr. Craig Helker
DNR Water Resources Biologist
Sturtevant Service Center
9531 Rayne Road, Suite 4
Sturtevant, WI 53177

Dear Mr. Helker,

The following is the information required as a condition for the Camp, Center Lake Rehabilitation District's Aquatic Harvesting Permit approved on May 31, 2012.

1. Starting and ending harvesting dates:

Starting date: June 10, 2014

Ending date: October 8, 2014

2. Map of harvesting areas:

See Exhibit I:

Maps of Camp and Center Lakes identifying the harvesting areas on each lake, also see Exhibit 18 and Exhibit 20 contained in the April 18th 2012 "Aquatic Plant Management Plan for Camp and Center Lakes" outlining the approximate 150 harvest acres that are part of the permit.

3. Harvester Load Summary

See Exhibit II:

4. Harvested Tonnage Summary

See Exhibit III:

Note:

Eurasian Milfoil, Widgeon Grass and “Other Species” were the species that were tabulated. The “Other Species” harvested were Common Water Weed, Coontail, Northern Water Milfoil, Sago Pondweed, Wild Celery, and a verity of other Pondweed species however; the quantity of those species was undeterminable because they were mixed in with all the species harvested.

2014 Summary:

Because the 2013 – 2014 winter was extremely cold with above average snow cover that started in November and lasted to mid March it was expected that these conditions would have an adverse effect on plant growth. To everyone’s surprise that was not as anticipated rather than experiencing a low growth year it was just the opposite, especially for Eurasian Water Milfoil.

Our Milfoil harvest increased 176% over 2013 and the species surprisingly had taken over areas of the lake that had not had Milfoil growing there for a few years.

It is thought that because the spring weather had below average colder temperatures and because Milfoil can grow in colder water that it started growing before the native plants. Once the Milfoil canopy formed the native species did not get enough sunlight to compete as happened in recent years.

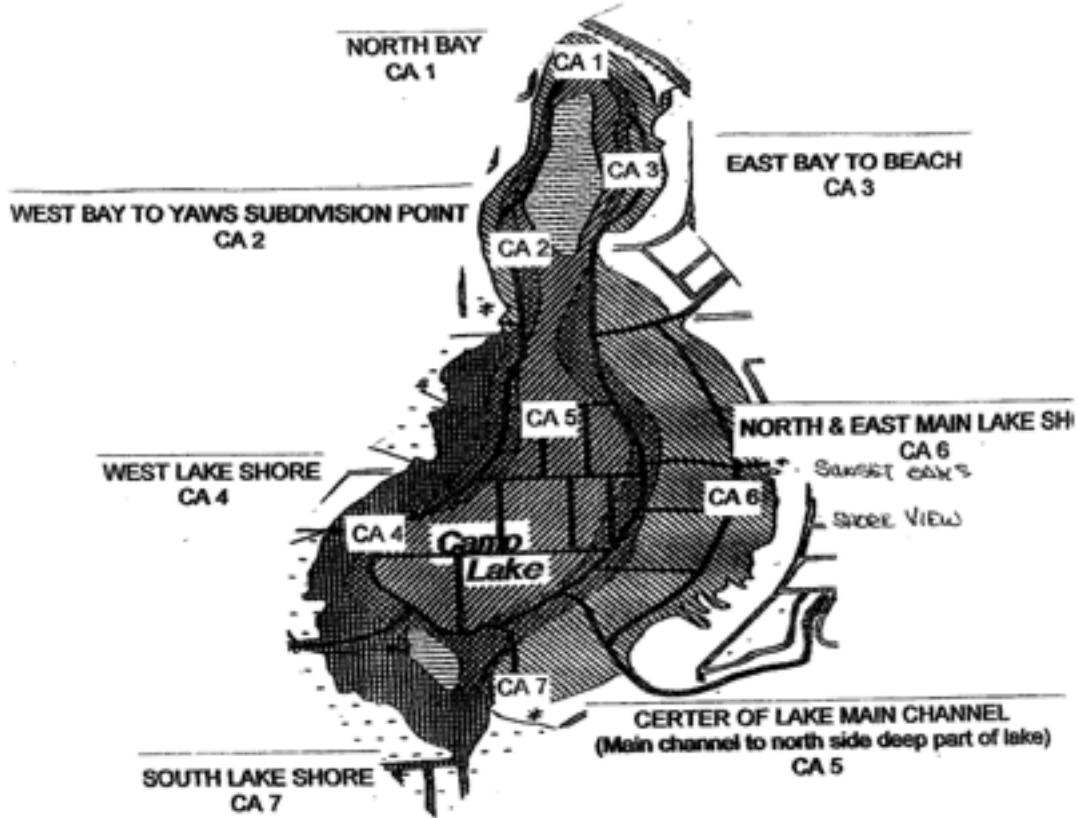
Best regards,

Dennis Faber

Harvesting Manager

CAMP LAKE HARVESTING LOCATION MAP

EXHIBIT I (Camp Lake)



CENTER LAKE HARVESTING MAP

EXHIBIT I (Center Lake)

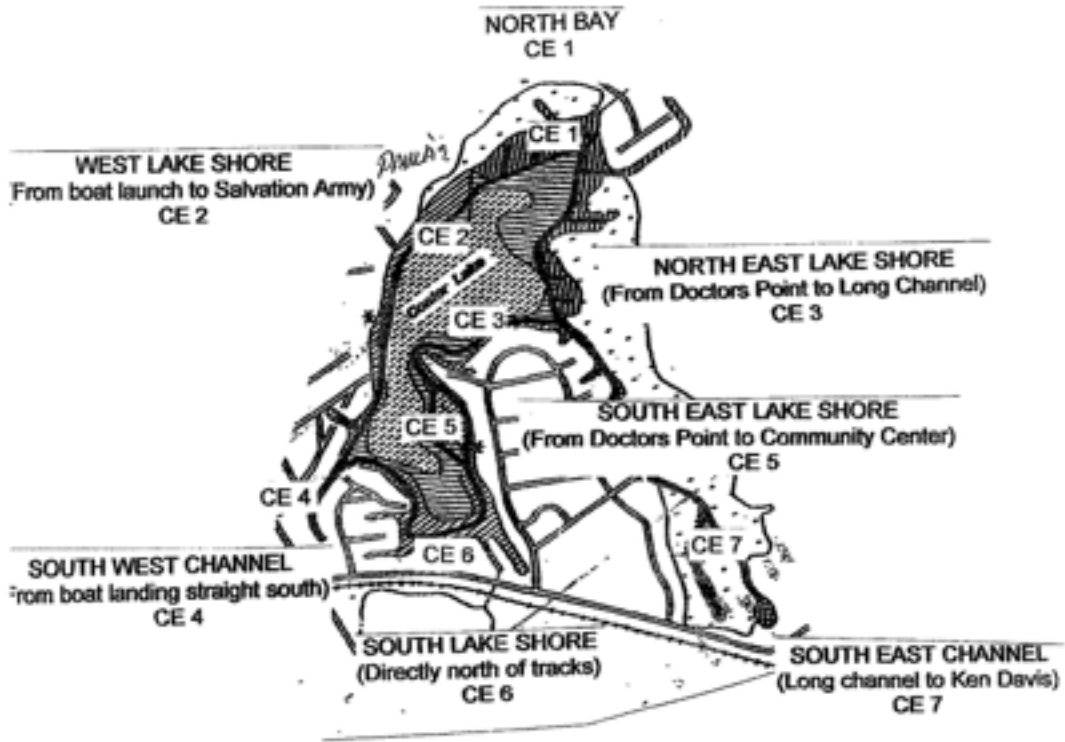


EXHIBIT II

**CAMP LAKE
HARVESTER LOAD SUMMARY
BY AQUATIC SPECIES**

Location:	CA 1	CA 2	CA 3	CA 4	CA 5
CA 6 CA 7 TOTAL					
MILFOIL:					
Year: 2002	121.4	150.1	182.2	30.6	340.6
193.6 52.6	1,071.1				
2003	105	169	133	33.4	349.6
95 42.6	927.6				
2004	3	16.8	4	6.4	27.6
44 49.6	151.4				
2005	72.6	33	15.4	55.4	503.2
64 13.6	756.4				
2006	8	16	9.5	23.6	313.8
7.2 11.6	389.8				
2007	16.4	0	2.8	4.4	615.6
10.4 2	651.6				
2008	.6	1.6	2.4	7.2	289.4
4.2 22	327.5				
2009	28.1	12	17.4	17.8	39.6
90.6 12.6	218.1				
2010	4.1	12.4	12.1	34.5	19
57.7 42	181.8				
2011	.2	1.2	.4	1.2	40.9
15 2	60.9				
2012	0	12	0	.4	26
.6 0	39				
2013	4.8	2.8	6.4	2	65
3.6 1.4	86				
2014	0	0	2.7	2	273.5
0 .4	278.6				
WIDGEON GRASS:					
Year: 2002	18.6	42.8	33.8	5.4	41.4
47.4 11.4	200.8				
2003	27.9	78	87.7	20.6	130.8
55 13.4	413.4				
2004	3	4.8	0	1.6	4.4
12.6 30.6	57				
2005	65	12	36.6	33.6	306.8
67.6 25.6	547.2				
2006	66.5	5	41.5	8.4	229.6
17.2 10	378.2				

9.6	2007	18	0	2008	.8	.5	221.8	1.6
	2	253.2						
	6.8	262.6	6.6	15	5.4	298.2		
78.8	2009	36.4	20	30	42.8	281.6		
	15	504.6						
41.8	2010	14.3	7.2	19.1	47.7	6.3		
	78.8	215.2						
73.6	2011	.4	2.4	4	10.8	433.1		
	14.4	538.7						
43.5	2012	3.2	15.2	30	59.8	254.8		
	17	423.5						
4.4	2013	4	2.4	5.6	3.2	81.4		
	.8	101.8						
0	2014	0	0	1.5	2	211.6		
	.2	215.3						

OTHER SPECIES:

Year	2010	11.2	1.5	37.4	44.4	6.7
78.5	102.2	281.9				
	2011	1.4	4.4	3.6	2	174
67.4	15.6	268.4				
	2012	4.8	16	24	6.8	156
16.9	0	224.5				
	2013	17.2	12.8	24	6.8	75.6
16	3.8	156.2				
	2014	0	0	4.8	0	27.7
0	.4	32.9				

CAMP LAKE TOTAL HARVESTER LOADS MILFOIL, WIDGEON GRASS & OTHER SPECIES:

Location:	CA 1	CA 2	CA 3	CA 4	CA 5	
CA 6 CA 7 TOTAL						
Year	2002	140	192.9	216	36	382
241	64	1,271.9				
	2003	132.9	247	220.7	54	480.4
150	56	1,341				
	2004	6	21.6	4	8	32
56.6	80.2	108.4				
	2005	137.4	45	52	88	810
131.6	39	1,303				
	2006	74.8	21	51	32	543.4
24.2	21.2	768				
	2007	34.4	0	3.6	5.4	837.4
40	4	904.8				

11	2008	6	2	4	13.8	552
	37	625.8				
169.4	2009	64.4	32	47.4	60.6	321.3
	27.6	722.7				
178	2010	29.6	34.6	68.6	126.6	32
	223	692.4				
156	2011	2	8	8	14	648
	32	868				
61	2112	8	43.2	54	67	436.8
	17	687				
24	2013	26	18	36	12	222
	6	344				
0	2014	0	0	9	4	512.8
	1	526.8				

**CENTER LAKE
HARVESTER LOAD SUMMARY
BY AQUATIC SPECIES**

Location:	CE 1	CE 2	CE 3	CE 4	CE 5	
CE 6 CE 7	TOTAL					
MILFOIL:						
Year: 2002	47.5	22.6	11.75	3.6	18.9	47.8
14.4 166.55						
2003	52.9	26	26.8	21.5	16.4	
46.2 10.8	200.6					
2004	61.6	16.6	18.2	29.8	8.4	
109.4 79.8	323.8					
2005	129.8	14	8.6	10.6	26.6	
39 40	268.6					
2006	46.8	26	3	1.5	9.8	
5.8 5.6	98.5					
2007	6.5	0	0	0	3	
6.4 7	22.9					
2008	60.6	.8	3.6	7.5	3	
7 2.8	85.2					
2009	11.2	0	0	0	1.6	
15.2 4.6	32.6					
2010	19.9	4.8	0	1.4	0	
1.2 0	27.3					
2011	5.2	0	.6	0	0	
0 0	5.8					

0	2012	0	33.2	0	0	0	0
.7	2013	1.3	7.8	1.3	2.4	0	1.7
0	2014	0	15.2	1.2	0	0	0
		0	1.2				

WIDGEON GRASS:

Year:	2002	7	2.4	1.25	.4	2.1
8.2	1.6	22.45				
24.8	2003	11.1	4	4.2	4.5	2.6
		3.2	54.4			
44.6	2004	14.4	9.4	3.8	6.2	1.6
		26.2	106.2			
14.10	2005	10.2	4	4.6	.4	5.4
	0	38.8				
4.2	2006	.2	0	0	.50	1.2
		2.6	8.7			
10	2007	7.5	0	0	0	0
		5	22.5			
6	2008	14.4	2.4	.4	.6	3
		.4	27.2			
13.6	2009	3	0	0	0	2.4
		3.4	22.4			
0	2010	2.9	.8	0	0	0
		0	3.7			
0	2011	.3	0	3.1	0	0
		0	3.4			
0	2012	0	0	0	0	0
		0	0			
.4	2013	0	0	0	0	0
		0	.4			
1.6	2014	.5	.8	.6	0	.6
		0	4.1			

OTHER SPECIES:

Year	2010	9.9	2.4	0	.6	0
.8	0	13.7				
0	2011	5.5	0	10.9	0	0
		0	16.4			
0	2012	22.8	0	0	0	0
		14	36.8			
9.9	2013	44.2	3.7	5.6	0	7.3
		13.7	84.4			
5	2014	10.5	4	5.4	0	2.4
		5	32.3			

CENTER LAKE TOTAL HARVESTER LOADS MILFOIL, WIDGEON GRASS & OTHER SPECIES:

Year:	2002	54	25	13	4	21
56	16	189				
	2003	64	30	31	26	19
71	14	255				
	2004	76	26	22	36	10
154	106	430				
	2005	140	18	13.2	12	32
53.2	40	308.4				
	2006	47	26	3	2	11
10	8.2	107.2				
	2007	14	0	0	0	3
16.4	12	45.4				
	2008	75	3	4	8	6
13	3.2	112.2				
	2009	14.2	0	0	0	4
28.8	8	55				
	2010	32.7	8	0	2	0
2	0	44.7				
	2011	11	0	14.6	0	0
0	0	25.6				
	2012	56	0	0	0	0
0	14	70				
	2013	52	5	8	0	9
11	15	100				
	2014	11	6	6	0	3
6.6	5	37.6				

**TOTAL
CAMP, CENTER LAKE
HARVESTER LOAD SUMMARY
BY AQUATIC SPECIES**

MILFOIL:

Year:	2002	1,237.65	
	2003	1,128.2	- 9% less than 2002 or 54.7 less loads than 2002
	2004	475.2	- 58% less than 2003 or 326.5 less loads than 2003
	2005	1,025	+116% more than 2004 or 274.5 more loads than
2004			
	2006	488.2	- 52% less than 2005 or 268.4 less loads than 2005
	2007	674.5	+ 38% more than 2006 or 93.2 more loads than 2006
	2008	412.6	- 39% less than 2007 or 131 less loads than 2007

	2009	250.8	- 39% less than 2008 or 80 less loads than 2008
	2010	209	- 17% less than 2009 or 41.8 less loads than 2009
	2011	66.7	- 69% less than 2010 or 142.3 less loads than 2010
	2012	72.2	+ 8% more than 2011 or 5.5 more loads than 2011
	2013	101.2	+ 40% more than 2012 or 29 more loads than 2012
	2014	279.8	+176% more than 2013 or 178.6 more loads than
2013			

WIDGEON GRASS:

Year:	2002	223.25	
	2003	467.8	+110% more than 2002 or 122 more loads than 2002
	2004	163.2	- 65% less than 2003 or 152.3 less loads than 2003
	2005	586	+258% more than 2004 or 211 more loads than 2004
	2006	386.8	- 34% less than 2005 or 99.6 less loads than 2005
	2007	275.7	- 29% less than 2006 or 55.6 less loads than 2006
	2008	325.4	+ 18% more than 2007 or 24.9 more loads than 2007
	2009	527	+ 62% more than 2008 or 100.8 more loads than
2008			
	2010	218.9	- 58% less than 2009 or 308.1 less loads than 2009
	2011	542.1	+149% more than 2010 or 323.2 more loads than
2010			
	2012	423.5	- 22% less than 2011 or 118.6 less loads than 2011
	2013	102.2	- 76% less than 2012 or 321.3 less loads than 2012
	2014	219.4	+115% more than 2013 or 117.2 more loads than
2013			

OTHER SPECIES:

	2010.	295.	
	2011	285	- 3% less than 2010 or 10 less loads than 2010
	2012	261.3	- 8% less than 2011 or 23.7 less loads than 2011
	2013	240.6	- 8% less than 2012 or 20.7 less loads than 2012
	2014	65.2	- 73% less than 2013 or 175.4 less loads than 2013

TOTAL HARVESTER LOADS MILFOIL, WIDGEON GRASS & OTHER SPECIES:

Year:	2002	1,460.9	
	2003	1,596	+ 9% more than 2002 or 67.6 more loads than 2002
	2004	638.4	- 60% less than 2003 or 479 less loads than 2003
	2005	1,611	+152% more than 2004 or 485.6 more loads than
2004			
	2006	875.2	- 46% less than 2005 or 367.9 less loads than 2005
	2007	950.2	+ 9% more than 2006 or 37.5 more loads than 2006
	2008	738	- 22% less than 2007 or 106 less loads than 2007
	2009	777.8	+ 5% more than 2008 or 19.9 more loads than 2008
	2010	728.9	- 6% less than 2009 or 54.8 less loads than 2009

2010	2011	893.5	+ 23% more than 2010 or 170.5 more loads than
	2012	757.0	- 15% less than 2011 or 136.5 less loads than 2011
	2013	444	- 41% less than 2012 or 313 less loads than 2012
2013	2014	564.4	+ 27% more than 2013 or 120.4 more loads than

**CAMP LAKE
TONNAGE SUMMARY
BY AQUATIC SPECIES**

Location:	CA 1	CA 2	CA 3	CA 4	CA 5
CA 6 CA 7 TOTAL					
MILFOIL TONNAGE:					
Year: 2002	242.8	300.2	364.4	61.2	681.2
387.2 105.2	2,142.2				
2003	210	338	266	66.8	699.2
190 85.2	1,855.2				
2004	6	33.8	8	12.8	55.2
88 99.2	302.8				
2005	145	64.2	30.8	110.8	1,006.5
127.8 27	1,512				
2006	16	32	19	47.2	627.6
14.4 23.2	779.4				
2007	32.8	0	5.6	8.8	1,251.2
20.8 4	1,303.2				
2008	1.2	3.2	4.8	14.4	578.8
8.4 44	655				
2009	56.2	24	34.8	35.6	79.2
181.2 25.2	438				
2010	8.2	24.8	24.2	69	38
115.4 84	363.6				
2011	.4	2.4	.8	2.4	81.8
30 4	121.8				
	.8	52			
		1.2	0	78	
2013	9.6	5.6	12.8	4	130
7.2 2.8	172				
2014	0	0	5.4	4	547
0 .8	557.2				

WIDGEON GRASS TONNAGE:

Year:	2002	37.2	85.6	67.6	10.8	82.8
94.8	22.8	401.6				
	2003	55.8	156	175.4	41.2	261.6
110	26.8	826.8				
	2004	6	9.6	0	3.2	8.8
25.2	61.2	114				
	2005	130	23.8	73.2	67	613.6
135.2	51	1,093.8				
	2006	133	10	83	16.8	459.2
34.4	30	636.7				
	2007	36	0	1.6	2	443.6
19.2	4	506.4				
	2008	10.8	.8	3.2	13.6	525.2
13.2	30	596.4				
	2009	72.8	40	60	85.6	563.2
157.6	30	1,009.2				
	2010	28.6	14.4	38.2	95.4	12.6
83.6	157.6	430.4				
	2011	.8	4.8	8	21.6	866.2
147.2	28.8	1077.4				
	2012	6.4	30.4	60	119.6	509.6
87	34	847				
	2013	8	4.8	11.2	6.4	162.8
8.8	1.6	203.6				
	2014	0	0	1.5	2	211.6
0	.2	215.3				

OTHER SPECIES TONNAGE:

	2010	22.4	3	74.8	88.8	13.4
157	204.4	563.8				
	2011	2.8	8.8	7.2	4	348
134.8	31.2	536.8				
	2012	9.6	32	48	13.6	312
33.8	0	449				
	2013	34.4	25.6	48	13.6	151.2
32	7.6	312.4				
	2014	0	0	9.6	0	55.4
0	.8	65.8				

CAMP LAKE TOTAL TONNAGE MILFOIL, WIDGEON GRASS AND OTHER SPECIES:

Year:	2002	280	385.8	432	72	764
482	128	2,543.8				

	2003	265.8	494	441.4	108	960.8
300	112	2,682				
	2004	12	43.2	8	16	64
113.2	160.4	416.8				
	2005	275	88	104	177.8	1,620.1
263	78	2,605.8				
	2006	149.6	42	102	64	1,086.8
48.4	42.4	1,536				
	2007	68.8	0	7.2	10.8	1,674.8
40	8	1,810				
	2008	12	4	8	28	1,104
21.6	74	1,251.4				
	2009	128.8	64	94.8	121.2	642.6
338.8	55.2	1,445.4				
	2010	59.2	42.2	137.2	253.2	64
356	446	1,357.8				
	2011	4	16	16	28	1,296
312	64	1,736				
	2012	16	86.4	108	134	873.6
122	34	1,374				
	2013	52	36	72	24	444
48	12	688				
	2014	0	0	18	8	1,025.6
0	2	1,053.6				

**CENTER LAKE
TONNAGE SUMMARY
BY AQUATIC SPECIES**

Location:	CE 1	CE 2	CE 3	CE 4	CE 5
CE 6	CE 7	TOTAL			
MILFOIL TONNAGE:					
Year: 2002	95	45.2	23.5	7.2	37.8
95.6	28.8	333.1			
2003	105.8	52	53.6	43	32.8
92.4	21.6	401.2			
2004	123.2	33.2	36.4	59.6	16.8
218.8	159.6	647.6			

	2005	259.4	28	17	21.2	53.2
77.8	79.8	536.4				
	2006	93.6	52	6	3	19.6
11.6	11.2	197				
	2007	13	0	0	0	6
12.8	14	45.8				
	2008	121.2	1.6	7.2	15	6
14	5.6	170.4				
	2009	22.4	0	0		3.2
30.4	9.2	65.2				
	2010	39.8	9.6	0	2.8	0
2.4	0	54.6				
	2011	10.3	0	1.2	0	0
0	0	11.5				
	2012	66.4	0	0	0	0
0	0	66.4				
	2013	15.6	2.6	4.8	0	3.4
1.4	2.6	30.				
	2014	0	2.4	0	0	0
0	0	2.4				

WIDGEON GRASS SPECIES TONNAGE:

Year:	2002	13	4.8	2.5	.8	4.2
16.4	3.2	44.9				
	2003	22.2	8	8.4	9	5.2
49.6	6.4	108.8				
	2004	28.8	18.8	7.6	12.4	3.2
89.2	52.4	212.4				
	2005	20.4	7.8	9	.8	10.8
28.2	0	77.0				
	2006	.4	0	0	1	2.4
8.4	5.2	17.4				
	2007	15	0	0	0	0
20	10	45				
	2008	28.8	4.8	.8	10	6
12	.8	54.4				
	2009	6	0	0	0	4.8
27.2	6.8	44.8				
	2010	5.8	1.6	0	0	0
0	0	7.4				
	2011	.6	0	6.2	0	0
0	0	16.4	2012	0	0	0
	0	0	0	0	0	0
	2013	0	0	0	0	0
.8	0	.8				

3.2	2014	0	1	8.2	1.6	1.2	0	1.2
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OTHER SPECIES TONNAGE:

1.2	2010	0	19.8	27	4.8	0	1.2	0
0	2011	0	11	32.8	0	21.8	0	0
0	2012	28	45.6	73.6	0	0	0	0
19.8	2013	27.4	88.4	168.8	7.4	11.2	0	14.6
10	2014	10	21	64.6	8	10.8	0	4.8

CENTER LAKE TOTAL TONNAGE MILFOIL, WIDGEON GRASS & OTHER SPECIES:

Year:	2002	112	108	378	50	26	8	42
	2003	142	128	510	60	62	52	38
	2004	308	152	860	52	44	72	20
	2005	106	279.8	613.4	35.8	26	22	64
	2006	20	94	214.4	52	6	4	22
	2007	32.8	28	90.8	0	0	0	6
	2008	26	150	224.4	6	8	16	12
	2009	56.8	28.4	110	0	0	0	8
	2010	3.6	65.4	89	16	0	4	0
	2011	0	22	51.2	0	29.2	0	0
	2012	0	112	140	0	0	0	0
	2013	22	104	200	10	16	0	18
	2014	13.2	22	75.2	12	12	0	6

EXHIBIT III

TOTAL CAMP, CENTER LAKE TONNAGE SUMMARY BY AQUATIC SPECIES TONNAGE:

MILFOIL:

Year: 2002	2,475.3	
2003	2,256.4	- 9% or 218.9 tons less than 2002
2004	950.4	- 58% or 1,306 tons less than 2003
2005	2,048.5	+ 116% or 1,098.1 tons more than 2004
2006	976.4	- 52% or 1,072.1 tons less than 2005
2007	1,349	+ 38% or 372.6 tons more than 2006
2008	825.4	- 39% or 523.6 tons less than 2007
2009	501.6	- 39% or 323.8 tons less than 2008
2010	418.2	- 17% or 83.4 tons less than 2009
2011	133.4	- 69% or 285 tons less than 2010
2012	144.4	+ 8% or 11 tons more than 2011
2013	202.4	+ 40% or 58 tons more than 2012
2014	559.6	+ 176% or 357.2 tons more than 2013

WIDGEON GRASS SPECIES:

Year: 2002	446.5	
2003	935.6	+ 110% or 489.1 tons more than 2002
2004	326.4	- 65% or 609.2 tons less than 2003
2005	1,170.8	+ 258% or 844.4 tons more than 2004
2006	773.6	- 34% or 397.2 tons less than 2005
2007	551.4	- 29% or 222.2 tons less than 2006
2008	650.8	+ 18% or 99.4 tons more than 2007
2009	1,054	+ 62% or 403.2 tons more than 2008
2010	437.8	- 58% or 616.2 tons less than 2009
2011	1,084.2	+ 149% or 646.4 tons more than 2010
2012	847	- 22% or 237.2 tons less than 2011
2013	204.4	- 76% or 642.6 tons less than 2012
2014	438.8	+ 115% or 234.4 tons more than 2013

OTHER SPECIES TONNAGE:

2010.	590.8	
2011.	569.6	- 3% or 21.2 tons less than 2010
2012	522.6	- 8% or 47 tons less than 2011
2013	481.2	- 8% or 41.4 tons less than 2012
2014	130.4	- 73% or 350.8 tons less than 2013

TOTAL TONNAGE MILFOIL, WIDGEON GRASS & OTHER SPECIES:

Year: 2002	2,921.8	
2003	3,192	+ 9% or 270.2 tons more than 2002
2004	1,276.8	- 60% or 1,915.2 tons less than 2003
2005	3,219.3	+ 152% or 1,942.5 tons more than 2004
2006	1,750.4	- 46% or 1,468.9 tons less than 2005
2007	1,900.4	+ 9% or 150 tons more than 2006
2008	1,476.2	- 22% or 424.2 tons less than 2007
2009	1,555.6	+ 5% or 79.4 tons more than 2008
2010	1,446.8	- 7% or 108.8 tons less than 2009
2011	1,787	+ 24% or 340 tons more than 2010
2012	1,514	- 15% or 273 tons less than 2011
2013	888	- 41% or 626 tons less than 2012
2014	1,128.8	+ 27% or 240.8 tons more than 2013