
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, 2013

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 03, 2013

Ending date: October 08, 2013

2. Map of harvesting areas:

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

Exhibit II:

4. Harvested Tonnage Summary
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 variety of other Pondweed species however; the quantity of those species was undeterminable because they were mixed in with all the species harvested.

5. Annual cost:

\$ 67,326.00

Note:

The early May assessment tour conducted by Dennis Faber, Harvesting Manager and Dean Hintzman, Chemical Treatment Manager indicated that there was abundant patches, with many about an acre in size of Eurasian water milfoil at the north east side of Center Lake and from a boundary between the Camp Lakes Beach on the east side of Camp, stretching to the last residence located on 278th Avenue on the west side of the lake which then extended straight south down the middle of the main thoroughfare on Camp.

Early June heavy rain and cool weather with persistent south, east and west winds created turbid water conditions and when mechanical harvesting started it was noticeable that much of the vegetation seen in early May had diapered. Milfoil harvest was up 40% over 2012 but that number is misleading as the total loads were only 101. In 2012 we had the SECOND fewest Milfoil loads since 2002 with just 72 which is significantly less than our high of 1,238.

One of the circumstances from this suspected weather phenomenon resulted in a Widgeon Grass harvest that was 76% less than 2012.

Another important fact is that the plant species, Widgeon Grass, Common Water Weed, Coontail, Sago Pondweed and Wild Celery, that have replaced Eurasian Milfoil and have grown to nuisance proportions are not as dense as Eurasian Milfoil; therefore it takes longer to harvest a load versus harvesting Eurasian Milfoil.

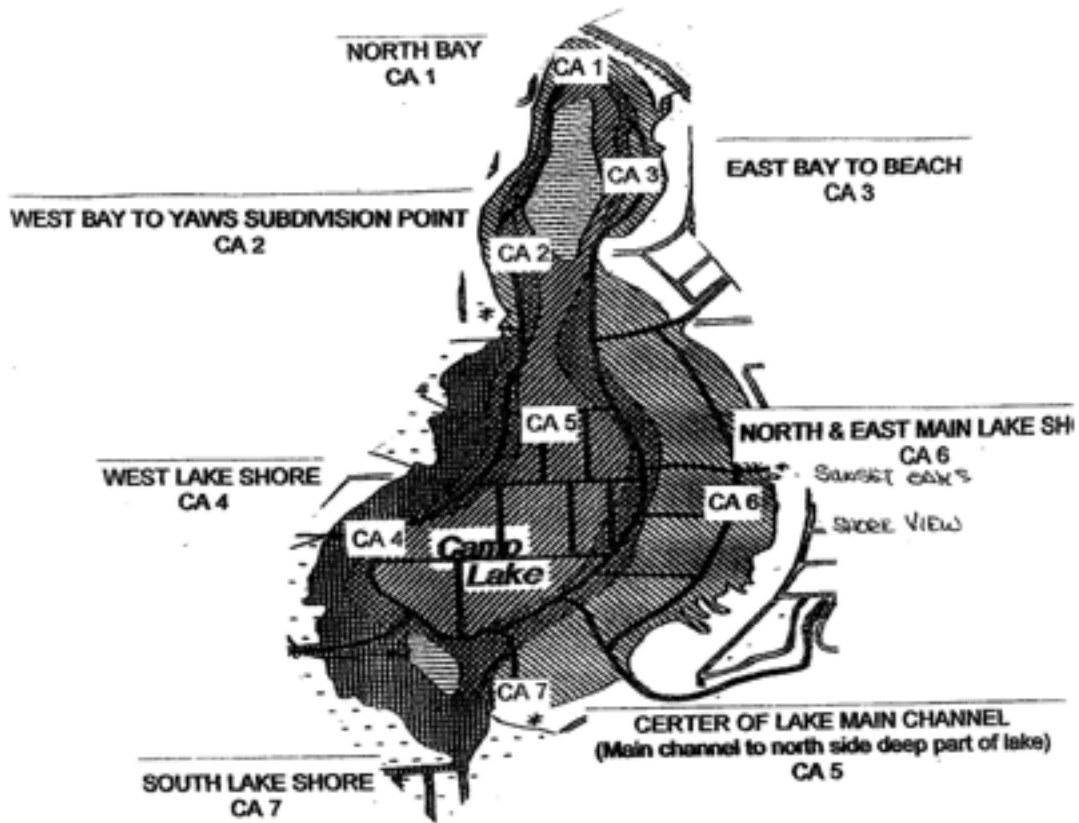
Best regards,

Dennis Faber

Harvesting Manager

**CAMP LAKE
HARVESTING LOCATION MAP**

EXHIBIT I (Camp Lake)



CENTER LAKE HARVESTING MAP

EXHIBIT I (Center Lake)

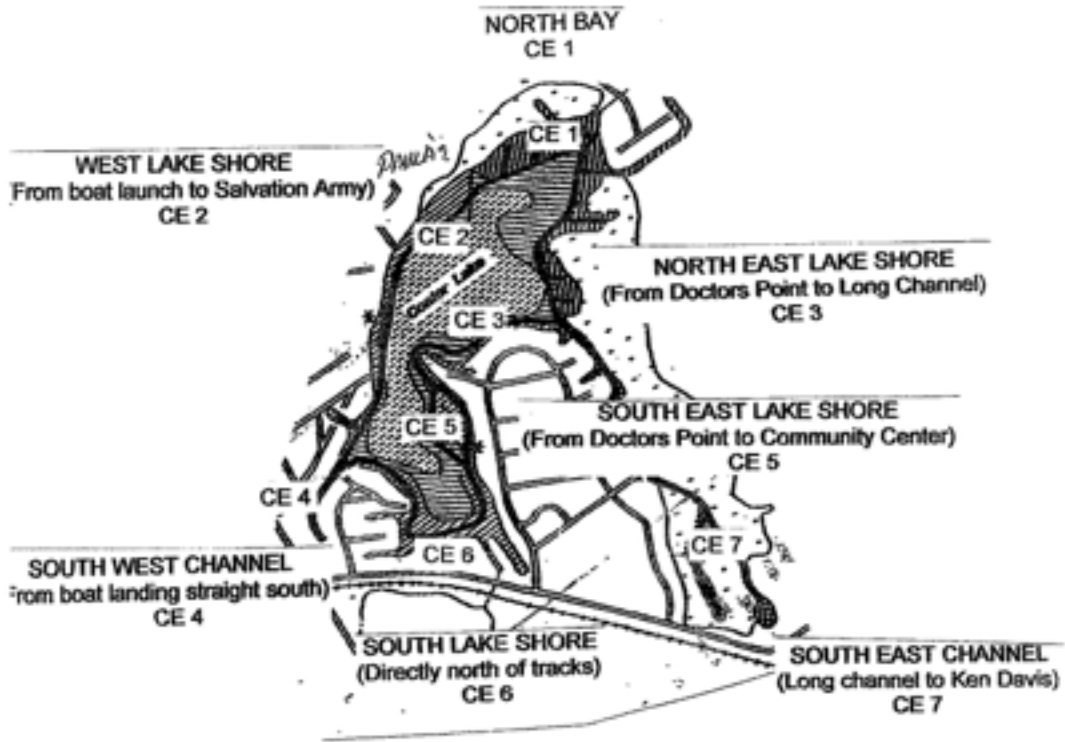


EXHIBIT II

**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					
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					
2007	18	0	.8	.5	221.8	
9.6 2	253.2					
6.8	262.6	6.6	2008 15	5.4	.4	1.6
				298.2		

	2009	36.4	20	30	42.8	281.6
78.8	15	504.6				
	2010	14.3	7.2	19.1	47.7	6.3
41.8	78.8	215.2				
	2011	.4	2.4	4	10.8	433.1
73.6	14.4	538.7				
	2012	3.2	15.2	30	59.8	254.8
43.5	17	423.5				
	2013	4	2.4	5.6	3.2	81.4
4.4	.8	101.8				

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				

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				
	2008	6	2	4	13.8	552
11	37	625.8				
	2009	64.4	32	47.4	60.6	321.3
169.4	27.6	722.7				
	2010	29.6	34.6	68.6	126.6	32
178	223	692.4				
	2011	2	8	8	14	648
156	32	868				

61	2112	8	43.2	54	67	436.8
		17	687			
24	2013	26	18	36	12	222
		6	344			

**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					
2012	33.2	0	0	0	0	
0 0	33.2					
2013	7.8	1.3	2.4	0	1.7	
.7 1.3	15.2					

WIDGEON GRASS:

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

OTHER SPECIES:

Year	2010	9.9	2.4	0	.6	0
.8	0	13.7				
	2011	5.5	0	10.9	0	0
0	0	16.4				
	2012	22.8	0	0	0	0
0	14	36.8				
	2013	44.2	3.7	5.6	0	7.3
9.9	13.7	84.4				

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				

53.2	2005	140	18	13.2	12	32
		40	308.4			
10	2006	47	26	3	2	11
		8.2	107.2			
16.4	2007	14	0	0	0	3
		12	45.4			
13	2008	75	3	4	8	6
		3.2	112.2			
28.8	2009	14.2	0	0	0	4
		8	55			
2	2010	32.7	8	0	2	0
		0	44.7			
0	2011	11	0	14.6	0	0
		0	25.6			
0	2012	56	0	0	0	0
		14	70			
11	2013	52	5	8	0	9
		15	100			

**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

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 than 2010
	2012	423.5	- 22% less than 2011 or 118.6 less than 2011
	2013	102.2	- 76% less than 2012 or 321.3 less than 2012

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

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
	2011	893.5	+ 23% more than 2010 or 170.5 more loads than
2010			
	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

**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	2012	0	24	0
	.8	52	1.2	0	78	
2013		9.6	5.6	12.8	4	130
7.2	2.8	172				

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				

19.2	2007	36	0	1.6	2	443.6
	4	506.4				
13.2	2008	10.8	.8	3.2	13.6	525.2
	30	596.4				
157.6	2009	72.8	40	60	85.6	563.2
	30	1,009.2				
83.6	2010	28.6	14.4	38.2	95.4	12.6
	157.6	430.4				
147.2	2011	.8	4.8	8	21.6	866.2
	28.8	1077.4				
87	2012	6.4	30.4	60	119.6	509.6
	34	847				
8.8	2013	8	4.8	11.2	6.4	162.8
	1.6	203.6				

OTHER SPECIES TONNAGE:

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

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

Year:	2002	280	385.8	432	72	764
482	128	2,543.8				
300	2003	265.8	494	441.4	108	960.8
	112	2,682				
113.2	2004	12	43.2	8	16	64
	160.4	416.8				
263	2005	275	88	104	177.8	1,620.1
	78	2,605.8				
48.4	2006	149.6	42	102	64	1,086.8
	42.4	1,536				
40	2007	68.8	0	7.2	10.8	1,674.8
	8	1,810				
21.6	2008	12	4	8	28	1,104
	74	1,251.4				
338.8	2009	128.8	64	94.8	121.2	642.6
	55.2	1,445.4				
356	2010	59.2	42.2	137.2	253.2	64
	446	1,357.8				
312	2011	4	16	16	28	1,296
	64	1,736				

122	2012	16	86.4	108	134	873.6
	34	1,374				
48	2013	52	36	72	24	444
	12	688				

**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	30.4				

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				
	2013					
	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				

OTHER SPECIES TONNAGE:

	2010	19.8	4.8	0	1.2	0
1.2	0	27				
	2011	11	0	21.8	0	0
0	0	32.8				
	2012	45.6	0	0	0	0
0	28	73.6				
	2013	88.4	7.4	11.2	0	14.6
19.8	27.4	168.8				

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

Year:	2002	108	50	26	8	42
112	32	378				
	2003	128	60	62	52	38
142	28	510				

	2004	152	52	44	72	20
308	212	860				
	2005	279.8	35.8	26	22	64
106	79.8	613.4				
	2006	94	52	6	4	22
20	16.4	214.4				
	2007	28	0	0	0	6
32.8	24	90.8				
	2008	150	6	8	16	12
26	6.4	224.4				
	2009	28.4	0	0	0	8
56.8	16	110				
	2010	65.4	16	0	4	0
3.6	0	89				
	2011	22	0	29.2	0	0
0	0	51.2				
	2012	112	0	0	0	0
0	28	140				
	2013	104	10	16	0	18
22	30	200				

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% more or 11 tons more than 2011
2013	202.4	+ 40% more or 58 tons more than 2012

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% less or 237.2 tons less than 2011
2013	204.4	- 76% less or 642.6 tons less than 2012

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

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

