



Deering Conservation Commission 2012 Wood Duck Box Report

The Deering Conservation Commission (DCC) maintains dozens of nesting boxes throughout the town, primarily on its many conserved lands. The boxes were installed with the intention of providing suitable nesting opportunities for Wood Ducks. Annually, DCC members fan out across town to locate the boxes, see if they've been used, record the results, and refresh them for use during the coming nesting season.

Over 20+ years, the number of boxes maintained by DCC members grew to nearly five dozen. Prior members relied less on maps of each boxes' location, as they knew where the boxes were after decades of diligent upkeep. During March 2012, using old maps and lists, an entirely new set of DCC members took on the task of finding the boxes and cleaning them out for duck usage that spring. The new DCC members were a bit fuzzy on Wood Duck behaviors, wants and desires, and perhaps some best practices on maintaining a successful nesting box program. While many boxes were cleaned that winter, many others were not. The DCC resolved to improve the program the following season—that's the focus of this report.

In addition to cleaning out as many boxes as possible, the commission formed the following goals prior to embarking on this season's cleaning campaign:

- Build & install12 new boxes
- Find all potential legacy boxes
- Improve nesting success rates by modifying locations
- Create a GPS map with each boxes' location
- Improve records

Most of these goals were met. 12 new boxes were installed throughout Deering. They were used to replace older, crumbling boxes the ducks no longer utilized, and to install in locations suitable for additional boxes. More new boxes are needed, and will be built during 2013 for installation the coming winter.

While cleaning boxes, DCC members moved some to better locations, removed some entirely due to lack of use, and ensured boxes were securely installed with as little wiggle as possible. Improvement examples include removing boxes from trees leaning backwards, as the ducks cannot 'escape' backwards-leaning boxes, generally moving boxes to the shoreline away from open water, as Wood Ducks prefer a bit more privacy, and trying to install boxes on living trees wherever possible.

Most legacy boxes are installed in swampy areas on dead trees. Eventually, these trees fall over, taking the box with them to an icy demise. Installing boxes on living trees greatly reduces the risk of losing a box, which requires a new one be built, and probably resulting in a lost nesting opportunity. However, mounting a box on a living tree on land <u>does</u> increase the risk of predation, as the boxes are easier to get into by those that would do harm to the eggs. We'll see how this strategy works over the coming years.

The DCC did fall short of locating every box described in the older records, though nearly all were identified as either still in use, or lost. The remaining stragglers will be identified the coming winter. To give an idea of scope, there were more than 80 box numbers assigned. As this report is being written, members had identified 48 boxes in active use, 27 boxes no longer in use, with 8 boxes unverified. Boxes no longer in use require the most time and effort to verify— without GPS coordinates, it's quite difficult to 'find' a missing box!

To that end, the commission has successfully obtained LAT/LON markers for most of the active boxes, and has created a map easily utilized on any smartphone through Google maps. The commission plans to make the map public shortly, posting the URL on its portion of the town's website. This will make it far easier for anyone to find the boxes in the coming years, especially if one falls into a swamp. Also, DCC members ensured all boxes that were found were properly labeled with a number for quick and easy visual confirmation that the correct box was found.

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Lastly, extracting meaningful data from the existing records was difficult, due to how the data was reported. In order to maximize successful duck box usage, we needed to identify locations the ducks favored, rather than just individual boxes. Also, box numbers had been reused in different places over the years with the original locations unknown, making the records less useful for data mining as the years went on. A new plan was needed.

We began by simplifying reporting to record only if the box had been used or not. In the past, members guessed how many eggs had hatched, and also counted how many had not. Since our goal is to provide a suitable nesting location, not determine the size or success of a brood, simply recording if the boxes were used meets our goal, and is a precise data point.

Records are kept on Excel spreadsheets rather than a database, which ultimately may be the better option, but for now, the spreadsheets are working as needed. The old format listed boxes in numerical order, period. When sending out DCC members to find boxes, this was not ideal. The list is now sorted alphabetically by location first, then by current box number. Each location in the list also includes former locations and their usage rates over the years, with any number assigned to the old location recycled into an 'available box' list. This allows us to calculate a use-percentage by location, rather than by box, which is a far more useful statistic. Also, this method does not care about box numbers – just what general location they were in. We can use these figures to retire locations the ducks aren't using, and expand opportunities in locations they are. This also allows us to maximize nesting opportunities for the time DCC members are able to provide cleaning out boxes. The spreadsheet also maintains a list of box numbers in use, a list of locations no longer utilized, and a list of locations that require verification, all with annual results.

In conclusion, a lot of work was completed this year. There are more good boxes in service and many are in a more desirable location. Future members will be able to quickly locate the boxes. Assigning locations to clean can now be completed quickly, with much useful information provided to the members. And, understanding how all of our efforts have worked is much easier.

What follows are the results of this past year's nesting season, compared with prior years, as well as ranking of the locations.

Aaron Gill DCC Officer

Deering Conservation Commission Wood Duck Box Program Annual Summary

Nesting	Active	Used by	%	Used by	%	Total
	Boxes	Wood	Wood	Hooded/reg	Hooded/reg	%
Year	Checked	Ducks	Ducks	Mergansers	Mergansers	Used
1994	29	12	41.4%	1	3.4%	44.8%
1995	33	15	45.5%	3	9.1%	54.5%
1996	33	19	57.6%	2	6.1%	63.6%
1997	40	19	47.5%	2	5.0%	52.5%
1998	42	16	38.1%	1	2.4%	40.5%
1999	40	18	45.0%	4	10.0%	55.0%
2000	45	21	46.7%	4	8.9%	55.6%
2001	41	16	39.0%	2	4.9%	43.9%
2002	39	20	51.3%	3	7.7%	59.0%
2003	39	14	35.9%	1	2.6%	38.5%
2004	37	17	45.9%	0	0.0%	45.9%
2005	39	15	38.5%	1	2.6%	41.0%
2006	41	9	22.0%	5	12.2%	34.1%
2007	46	14	30.4%	2	4.3%	34.8%
2008	44	14	31.8%	1	2.3%	34.1%
2009	44	12	27.3%	3	6.8%	34.1%
2010	44	16	36.4%	2	4.5%	40.9%
2011	19	5	26.3%	1	5.3%	31.6%
2012	43	0	0.0%	0	0.0%	0.0%
	738	260	35.2%	38	5.1%	40.4%

Location Success Rates Since 1994 of Wood Total Location Active Duck Duck **Boxes** Usage Usage 68% WILKIN'S CEMETARY 61% 1 JOHNSON'S POND 4 57% 67% TREE FROG POND (Audubon) 4 52% 65% HUNTER'S POND 6 47% 58% POLING'S MARSH 1 52% 55% LEAD MINE, UPPER 3 52% 52% LILY POND 2 43% 51% MUD POND 2 17% 50% HOMESTEAD MARSH 34% 45% 3 HISTORICAL ACTIVE LOCATION AVERAGE 36% 43% PATTERN MARSH 2 33% 35% RESERVOIR MARSH 3 28% 34% LEAD MINE, LOWER <u>32%</u> 29% 3 **FULTON POND** 1 23% 23% BLACK FOX POND (Audubon) 8 12% 20% PLEASANT POND ROAD 2 18% 15% DUDLEY POND BEAVER DAM 2 7% 13%

1

9%

9%

AIRPORT MARSH

BOX NUMBERS IN FIELD

Roster	Вох	Current	Year	Вох
Count	Number	Location	Installed	Condition
1	1	Hunter's Pond	2013	Good
2	2	Hunter's Pond	2013	Good
3	3	Johnson's Pond	2013	Good
4	4	Johnson's Pond	2006	Acceptable
5	5	Wilkin's Cemetary	2013	Good
6	6	Lead Mine, Upper	2013	Good
7	9	Lead Mine, Lower	1994	Should be replaced, moved
8	10	Lead Mine, Upper	2013	Good
9	11	Lead Mine, Lower	Unknown	Acceptable
10	13	Lead Mine, Upper	2013	Good
11	16	Dudley Pond Beaver Dam	2005	Needs new clean out box, number plate
12	17	Lead Mine, Lower	2011	Acceptable
13	18	*Dudley Brook Marsh	2011	
14	23	Pleasant Pond Road	1995	Move, on pole replace?
15	24	Homestead Marsh	2011	
16	25	Homestead Marsh	2011	
17	26	Homestead Marsh	2011	
18	27	Johnson's Pond	2013	Good
19	28	Johnson's Pond	2013	Good
20	29	Poling's Marsh	1995	Replace during 2014 clean out season
21	30	Hunter's Pond	2013	Good
22	31	Hunter's Pond	2013	Good
23	32	Reservoir Marsh	2007	Acceptable
24	34	Airport Marsh	2002	Acceptable
25	36	Fulton Pond	1994	Acceptable
26	37	Reservoir Marsh	2007	Acceptable
27	38	Reservoir Marsh	2007	Acceptable, Move further down pond/other side?
28	40	*Glen Pond Road	1994	
29	43	Pattern Marsh	2002	Removed - needs new location, box acceptable
30	44	Pattern Marsh	2002	Acceptable
31	46 47	Pleasant Pond Road Lily Pond	1994 1997	Replace during 2014 clean out season
33	48	Dudley Pond Beaver Dam	2007	Acceptable, needs number plate Consider moving, removing
34	49	Lily Pond	1997	Acceptable
35	50	Hunter's Pond	2011	When falls, do not replace
36	51	*Driscoll Cart Road	1994	When fails, do not replace
37	52	Audobon Tree Frog Pond	1991	Replace
38	53	Audobon Tree Frog Pond	1991	Replace
39	56	Audobon Black Fox Pond	1991	Acceptable
40	58	Audobon Black Fox Pond	2007	Acceptable
41	62	Mud Pond	2011	Acceptable
42	63	Mud Pond	2011	Must be moved, box acceptable
43	64	Audobon Black Fox Pond	1996	Acceptable
44	65	Audobon Black Fox Pond	1996	Acceptabe
45	66	Audobon Black Fox Pond	1996	Acceptable
46	67	Audobon Black Fox Pond	1996	Acceptable
47	68	Audobon Black Fox Pond	1996	Acceptable
48	69	Audobon Black Fox Pond	1996	Acceptable
49	71	*Garland	2008	
50	72	Hunter's Pond	2013	Good
51	75	*Gerini Marsh	Unknown	
52	77	*West Deering Bridge	1997	
53	78	*Central Rangeway	1997	
54	79	*Central Rangeway	1997	
55	82	Audobon Tree Frog Pond	2008	Acceptable
56	83	Audobon Tree Frog Pond	2008	Acceptable

Verified boxes in field
*Unverified boxes in field
New boxes built/installed Feb 2013
Must be built/installed Feb 2014

				Usage	Usage	Usage 1996	Usage 1997	Usage 1998	Usage	Usage 2000					Usage 2005								
			# of Boxes: # used by Wood Ducks: Wood Duck usage:	29 12	33 15 45%	38 19 50%	40 12 30%	42 16 38%	40 18 45%	45 21 47%	41 16 39%	39 20 51%	39 14 36%	37 17 46%	39 15 38%	41 9 22%	46 14 30%	44 14 32%	44 12 27%	44 16 36%	19 5 26%	37 1 3%	43 0 0%
			# used by Mergansers Merganser usage		3 9%	2 5%	2 5%	1 2%	4 10%	4 9%	2 5%	3 8%	1 3%	0 0%	1 3%	5 12%	2 4%	1 2%	3 7%	2 5%	1 5%	14 38%	0 0%
			Total usage:		55%	55%	35%	40%	55%	56%	44%	59%	38%	46%	41%	34%	35%	34%	34%	41%	32%	41%	0% 4
AIRPORT MARSH			Unchecked Boxes Lost Boxes New Box Locations Total Active Location Boxes	:																		6 7 48	6 7 54
0	Voor Boy	x Current	GPS	Lleago	Heago	Heago	Heado	Heado	Heago	Usage	Heago	Heago	Heago	Heago	Heago	Heago	Heago	Heago	Heado	Heago	John	Heado	Heago
Box Notes	Placed	Box Year		1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2013	2013
	2002	lost 2002		WD	empty WD	lost empty	lost		-	-	NEW NEW	empty empty	empty	uc empty	uc empty	empty	empty	empty empty	empty	empty	lost empty	UC	-
			# of Boxes: # used by Wood Ducks: Wood Duck usage:	1	2 1 50%	1 0 0%	0 0 #DIV/0!	0 0 #DIV/0!	0 0 #DIV/0!	0 0 #DIV/0!	0 0 #DIV/0!	2 0 0%	2 0 0%	1 0 0%	1 0 0%	2 0 0%	2 0 0%	2 0 0%	2 0 0%	2 0 0%	1 0 0%	0 0 0%	1 0%
			# used by Mergansers Merganser usage		0 0%	0 0%	0 #DIV/0!	0 #DIV/0!	0 #DIV/0!	0 #DIV/0!	0 #DIV/0!	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%
			Total usage	: 50%	50%	0%	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
BLACK FOX POND (Audubon)																						Aaron	
0 # Box Notes		Current Box Year		Usage 1994		Usage 1996		Usage 1998	Usage 1999		Usage 2001	Usage 2002		Usage 2004		Usage 2006						Usage 2013	
Located in southern marsh, remove, replace, add second box	1991	1991	43.09344292N,71.84605703W	uc	uc	empty	WD	empty	WD	WD	empty	empty	empty	empty	uc	empty	uc	empty	empty	WD	uc	M	
Remove summer 2013, move near water	1991 1996	1996	43.0951500N,71.8512268W	uc -	uc NEW	empty empty	uc empty	empty	empty empty	WD empty	M empty	lost empty	empty	empty	empty	NEW empty	empty empty	lost empty	empty	- WD	uc	empty	-
	1991 1991	2007	43.0976906N,71.8571625W	uc	uc	empty	empty	empty	empty	empty	lost					NEW	uc	uc	WD	uc	uc	empty	-
	1996	1996	43.09728234N,71.84883044W	-	NEW	WD	empty	WD	WD	empty	empty	empty	empty	empty	empty	M	uc	empty	empty	WD	uc	М	
Moved to live tree Feb 2013	1996 1996	1996 1996	43.09806797N,71.85162387W 43.09608322N,71.85190995W	-	NEW NEW	empty empty	WD empty	WD	empty empty	lost empty	- empty	- empty	- empty	NEW WD	empty empty	empty empty	empty empty	empty empty	empty empty	WD	uc	empty M	
	1996 1996	1996 1996	43.09658890N,71.84925423W	-	NEW	WD	empty	empty	M	empty	empty	M	empty	empty	empty	empty	M	M	M	empty	uc	М	
	1990	1996	43.0953941N,71.8504715W # of Boxes:		3	empty 9	empty 9	empty 9	empty 9	empty 8	empty 7	empty 6	empty 6	empty 6	empty 7	empty 7	empty 9	empty 8	empty 8	empty 8	uc 0	empty 8	8
			# used by Wood Ducks: Wood Duck usage:	0%	0 0%	2 22%	2 22%	2 22%	2 22%	2 25%	0%	0 0%	0%	1 17%	0 0%	0%	0 0%	0 0%	13%	4 50%	0 0%	0%	0 0%
			# used by Mergansers Merganser usage	0 0%	0 0%	0 0%	0 0%	0 0%	1 11%	0 0%	1 14%	1 17%	0 0%	0 0%	0 0%	1 14%	1 11%	1 13%	1 13%	0 0%	0 0%	4 50%	0 0%
			Total usage	: 0%	0%	22%	22%	22%	33%	25%	14%	17%	0%	17%	0%	14%	11%	13%	25%	50%	0%	50%	0%
TREE FROG POND (Audubon)																						Aaron	
0		x Current	GPS LATILONG			Usage		Usage		Usage													
0 Box Notes Box in good condition	Placed 2008	Box Year 2008		Usage 1994		Usage 1996		Usage 1998		Usage 2000	Usage 2001 -	Usage 2002		Usage 2004		Usage 2006	Usage 2007	Usage 2008 NEW					Usage 2013
0 Box Notes Box in good condition Box in good condition	Placed 2008 2008	2008 2008	T LAT/LONG 43.1002846N,71.8470840W 43.0998268N,71.8471298W	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008 NEW NEW	2009 M WD	2010 empty empty	2011 uc uc	2013 M M	
Box in good condition Box in good condition Box in good condition	Placed 2008	2008 2008 1991	T LAT/LONG 43.1002846N,71.8470840W 43.0998268N,71.8471298W 43.09955350N,71.84682976W 43.10017912N,71.84615242W	1994 - - empty WD	1995 - - uc uc	1996 - - WD empty	1997 - empty empty	1998 - - empty WD	1999 - - M M	2000 - - WD WD	2001 - - WD WD	2002 - - WD WD	2003 - - - WD WD	2004 - - WD WD	2005 - - WD M	2006 - - empty WD	2007 - - WD WD	2008 NEW NEW WD	M WD WD WD	empty empty WD WD	2011 uc uc uc uc	M M empty empty	
0 Box Notes Box in good condition Box in good condition New box needed	Placed 2008 2008 1991	2008 2008 1991	LAT/LONG 43.1002846N,71.8470840W 43.0998268N,71.8471298W 43.09955350N,71.84615242W # of Boxes: # used by Wood Ducks:	1994 	1995 - - uc uc 2 0	1996 - - - WD empty 2 1	1997 - - empty empty 2 0	1998 - - empty WD 2 1	1999 - - M M 2	2000 - - - WD WD 2 2	2001 - - WD WD 2 2	2002 	2003 	2004 - - - WD WD 2 2	2005 - - WD M 2	2006 - - empty WD 2 1	2007 - - - WD WD 2 2	2008 NEW NEW WD WD 2 2	2009 M WD WD WD 4 3	empty empty WD WD 4 2	2011 uc uc uc uc o	M M empty empty 4 0	2013 4 0
Box in good condition Box in good condition Box in good condition	Placed 2008 2008 1991	2008 2008 1991	LAT/LONG 43.1002446N,71.8470840W 43.0998268N,71.8471298W 43.09985350N,71.84682976W 43.10017912N,71.84615242W # of Boxes: # used by Wood Ducks: Wood Duck usage:	1994 	1995 - - uc uc	1996 - - WD empty	1997 - empty empty	1998 - - empty WD	1999 - - M M	2000 - - WD WD	2001 - - WD WD	2002 - - WD WD	2003 	2004 - - WD WD	2005 - - WD M	2006 - - empty WD	2007 - - WD WD	2008 NEW NEW WD	M WD WD WD	empty empty WD WD 4 2	2011 uc uc uc uc	M M empty empty	
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Box in good condition Box in good condition Box in good condition New box needed New box needed DUDLEY POND BEAVER DAM	Placed 2008 2008 1991 1991	Box Year 2008 2008 1991 1991	LAT/LONG 43.1002846N,71.8471298W 43.0998268N,71.8471298W 43.09953350N,71.84682976W 43.10017912N,71.84615342W # of Boxes: # used by Wood Ducks: Wood Duck usage: # used by Mergansers Merganser usage Total usage	1994 empty WD 2 1 50% 0 0%	1995 uc uc 2 0 0% 0 0%	1996 	1997	1998 	1999 - - M M 2 0 0% 2 100%	2000 	2001 - - WD WD 2 100% 0 0% 100%	2002 - WD WD 2 100% 0 0%	2003 - WD WD 2 2 100% 0 0%	2004 - WD WD 2 2 100% 0 0%	2005 - WD M 2 1 50% 1 100%	2006 empty WD 2 1 50% 0 0% 50%	2007 WD WD 2 100% 0 0% 100%	2008 NEW NEW WD 2 100% 0 0% 100%	2009 M WD WD WD 4 3 75% 1 25% 100%	2010 empty empty WD WD 4 2 50% 0 0% 50%	2011 uc uc uc 0 0 #DIV/0!	2013 M M empty empty 4 0 0% 2 50% Aaron	2013 4 0 0% 0 0% 0%
Box in good condition Box in good condition New box needed New box needed DUDLEY POND BEAVER DAM	Placed 2008 2008 1991 1991	2008 2008 1991	LAT/LONG 43.1002846N,71.8470840W 43.099268N,71.847089W 43.099268N,71.847629W 43.10017912N,71.84615242W # of Boxes: # used by Wood Ducks: Wood Duck usage: # used by Mergansers Merganser usage Total usage	1994 empty WD 2 1 50% 0 0%	1995	1996 	1997	1998 	1999 - - M M 2 0 0% 2 100%	2000 - - WD WD 2 2 100% 0 0%	2001 - - WD WD 2 100% 0 0% 100%	2002 WD WD 2 2 100% 0 0% 100%	2003 - WD WD 2 2 100% 0 0%	2004	2005	2006 empty WD 2 1 50% 0 0% 50%	2007	2008 NEW NEW WD 2 100% 0 0% 100%	2009 M WD WD WD 4 3 75% 1 25% 100%	2010 empty empty WD WD 4 2 50% 0 0% 50%	2011 uc uc uc o 0 #DIV/0! #DIV/0! Aaron Usage	2013 M M empty empty 4 0 0% 2 50% 50% Aaron Usage	2013 4 0 0% 0 0% 0% 0%
Box in good condition Box in good condition Box in good condition New box needed New box needed DUDLEY POND BEAVER DAM O F Box Notes No number on box, install 2013	Placed 2008 2008 1991 1991 Year Box Placed 2005	Box Year 2008 2008 1991 1991 1991	LAT/LONG 43.1002846N,71.8470840W 43.099268N,71.847089W 43.099268N,71.847629W 43.10017912N,71.84615242W # of Boxes: # used by Wood Ducks: Wood Duck usage: # used by Mergansers Merganser usage Total usage	1994	1995	1996	1997	1998	1999 - - M M 2 0 0% 2 100% Usage	2000	2001	2002 WD WD 2 2 100% 0 0% 100%	2003 - WD WD 2 2 100% 0 0% 100%	2004	2005	2006	2007	2008 NEW NEW WD 2 2 100% 0 0% 100%	2009 M WD WD 4 3 75% 1 25% 100% Usage 2009 empty	2010 empty empty WD WD 4 2 50% 0 0% 50% Usage 2010 empty	2011 uc uc uc uc 0 0 #DIV/0! #DIV/0! Aaron Usage 2011 M	2013 M empty empty 4 0 0% 50% Aaron Usage 2013 empty	2013 4 0 0% 0 0% 0% 0%
O Box Notes Box in good condition New box needed New box needed New box needed DUDLEY POND BEAVER DAM O Box notes Box notes No number on box, install 2013	Placed 2008 2008 1991 1991 Year Box Placed	Box Year 2008 2008 1991 1991 x Current Box Year	LAT/LONG 43.1002846N,71.8471298W 43.0998268N,71.8471298W 43.09953350N,71.84682976W 43.10017912N,71.84615342W # of Boxes: # used by Wrood Ducks: Wood Duck usage: # used by Mergansers Merganser usage Total usage GPS LAT/LONG # of Boxes: ## Used by Mergansers Merganser usage ## Used by Merga	1994	1995	1996	1997	1998	1999 - - M M 2 0 0% 2 100% Usage	2000	2001	2002 WD WD 2 2 100% 0 0% 100%	2003 - WD WD 2 2 100% 0 0% 100%	2004	2005 WD M 2 1 50% 1 50% 1 50% Usage 2005	2006 empty WD 2 1 50% 0 0% 50%	2007	2008 NEW NEW WD UD 2 100% 0 0% 100% Usage 2008	2009 M WD WD 4 3 75% 1 25% 100% Usage 2009	2010 empty empty WD WD 4 2 50% 0 0% 50%	2011 uc uc uc uc 0 0 #DIV/0! #Aaron Usage 2011	2013 M M empty empty 4 0 0% 50% Aaron Usage 2013	2013 4 0 0% 0 0% 0% 0%
DUDLEY POND BEAVER DAM O Box no good condition New box needed New box needed New box needed DUDLEY POND BEAVER DAM O Box Notes No number on box, install 2013	Placed 2008 2008 1991 1991 Year Box Placed 2005	Box Year 2008 2008 1991 1991 1991	LAT/LONG 43.1002846N,71.8471298W 43.0998268N,71.8471298W 43.0995335N,71.84682976W 43.0995535N,71.84682976W 43.10017912N,71.84615242W # of Boxes: # used by Wood Ducks: Wood Duck usage: # used by Wood Ducks: Total usage Total usage GPS LAT/LONG	1994	1995	1996	1997	1998 empty WD 2 1 50% 0 0% 50%	1999 M 2 0 0% 100% 100% Usage 1999	2000	2001	2002	2003	2004 WD WD 2 2 100% 100% 0 0 0	2005 WD M 2 1 50% 1 00% Usage 2005 NEW - 0 0	2006	2007	2008 NEW NEW WD 2 2 100% 0 0% 100% Usage 2008 empty empty	2009 M WD WD 4 3 75% 1 25% 100% Usage 2009 empty	empty empty WD 4 2 50% 0 0% 50% Usage 2010 empty empty empty	2011 uc uc uc o o #DIV/o! Aaron Usage 2011 M empty	2013 M empty empty 4 0 0% 50% Aaron Usage 2013 empty	2013 4 0 0% 0% 0% 0% Usage 2013
DUDLEY POND BEAVER DAM	Placed 2008 2008 1991 1991 Year Box Placed 2005	Box Year 2008 2008 1991 1991 1991	LAT/LONG 43.1002846N,71.8471298W 43.0998268N,71.8471298W 43.0998268N,71.84682976W 43.0995359N,71.84682976W 43.10017912N,71.84615242W # of Boxes: # used by Wood Ducks: # used by Wood Duck usage: # used by Wood Duck usage: # used by Wood Duck usage: # used by Wood Duck usage: # used by Wood Duck usage: # used by Wood Duck usage: For Boxes: Used by Wood Ducks: Used b	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008 NEW NEW WD 2 100% 0% 100% Usage 2008 empty empty 2 0	2009 M WD WD 4 3 75% 1 25% 100% Usage 2009 empty empty 2 0	2010 empty empty WD 4 2 50% 0 0% 50% Usage 2010 empty empty 2 0	2011 uc uc uc uc 0 0 #DIV/0! Aaron Usage 2011 M empty 2 0	2013 M M empty empty 4 0 0% 50% 50% Aaron Usage 2013 empty empty 2 0	2013 4 0 0% 0% 0% 0% Usage 2013

FULTON POND

																							Aaron	
0	0	Year Box	Current	GPS	Usage	Usage	Usage																	
ID#	Box Notes	Placed	Box Year	LAT/LONG	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2013	2013
36	Box in good condition, only box on pond=good	1994	1994	43.0443954N,71.8451462W	WD	WD	WD	empty	empty	WD	empty	uc	WD	empty	WD	empty	uc	empty	empty	empty	empty	uc	empty	
OLD			lost			-	-		-						NEW	empty	empty	empty	uc	empty	empty	uc	lost	-
OLD			lost			-	-		-						NEW	empty	lost			-		-		-
				# of Boxes:	1	1	1	1	1	1	1	1	1	1	1	3	2	2	2	2	2	0	1	1
				# used by Wood Ducks:	1	11	11	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0
				Wood Duck usage:	100%	100%	100%	0%	0%	100%	0%	0%	100%	0%	100%	0%	0%	0%	0%	0%	0%	#DIV/0!	0%	0%
				# used by Mergansers:		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Merganser usage:	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	#DIV/0!	0%	0%
				Total usage:	100%	100%	100%	0%	0%	100%	0%	0%	100%	0%	100%	0%	0%	0%	0%	0%	0%	#DIV/0!	0%	0%

HOMESTEAD MARSH

0	0	Year Box	Current	GPS	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage												
ID#	Box Notes	Placed	Box Year	LAT/LONG	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2013	2013
24		1993	2011		WD	WD	WD	empty	empty	NEW	WD	uc	WD	empty	empty	empty	lost	-	-	-	NEW	empty	uc	
25		1993	2011		empty	empty	empty	empty	empty	NEW	M	uc	lost	-		lost	-	-	-		NEW	empty	uc	
26		1993	2011		empty	WD	М	WD	WD	WD	lost		NEW	М	WD	lost	-		-		NEW	empty	uc	
				# of Boxes:	3	3	3	3	3	1	2	2	1	2	2	1	0	0	0	0	0	3	0	0
			_	# used by Wood Ducks:	1	2	1	1	1	1	1	0	1	0	1	0	0	0	0	0	0	0	0	0
			-	Wood Duck usage:	33%	67%	33%	33%	33%	100%	50%	0%	100%	0%	50%	0%	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0%	#DIV/0!	#DIV/0!
				# used by Mergansers:		0	1	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0
				Merganser usage:	0%	0%	33%	0%	0%	0%	50%	0%	0%	50%	0%	0%	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0%	#DIV/0!	#DIV/0!
			-	Total usage:	33%	67%	67%	33%	33%	100%	100%	0%	100%	50%	50%	0%	#DIV/01	#DIV/01	#DIV/0I	#DIV/0I	#DIV/01	0%	#DIV/0!	#DIV/0!

HUNTER'S POND

																							Aaron	
		Year Box	Current	GPS	Usage	Usage	Usage																	
ID#	Box Notes	Placed	Box Year	LAT/LONG	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
1	Replaced original 1995 box in 2013	1995	2013	43.0581207N, 71.8694534W		-	-	NEW	М	empty	M	WD	WD	empty	lost	NEW	M	empty	empty	empty	uc	uc	empty	
2	Was lost in 2013, replaced with new box	1995	2013	43.0587502N, 71.8695755W	-	-	-	NEW	WD	WD	empty	empty	WD	WD	WD	WD	empty	WD	WD	empty	empty	uc	NEW	
30	Box lost 2013. Nex box installed Feb 2013	1990	2013	43.0595474N, 71.8680649W	empty	empty	WD	WD	WD	empty	empty	WD	WD	WD	WD	WD	empty	empty	WD	empty	WD	uc	NEW	
31	Box replaced Feb 2013	1990	2013	43.0549049N, 71.8714218W	M	M	WD	empty	WD	empty	WD	empty	empty	uc	empty									
50	Poor location, too many boxes in pond - S/B removed	1995	2011	43.0546227N, 71.8698349W	NEW	WD	WD	M	empty	WD	WD	empty	M	lost		-	-	-		-	NEW	uc	M	
72	New box installed in new location, Feb 2013	1997	2013	43.0563300N, 71.8689600W	-	-	NEW	M	empty	WD	WD	lost	-			-	-	-		-	-	-	NEW	
				# of Boxes:	2	3	3	4	6	6	6	5	5	4	3	3	4	4	4	4	4	0	3	6
				# used by Wood Ducks:	0	1	3	1	3	3	3	3	4	3	3	3	1	2	3	0	1	0	0	0
				Wood Duck usage:	0%	33%	100%	25%	50%	50%	50%	60%	80%	75%	100%	100%	25%	50%	75%	0%	25%	#DIV/0!	0%	0%
				# used by Mergansers:	1	1	0	2	1	0	1	0	1	0	0	0	1	0	0	0	0	Ō	1	Ō
				Merganser usage:	50%	33%	0%	50%	17%	0%	17%	0%	20%	0%	0%	0%	25%	0%	0%	0%	0%	#DIV/0!	33%	0%
				Total usage:	50%	67%	100%	75%	67%	50%	67%	60%	100%	75%	100%	100%	50%	50%	75%	0%	25%	#DIV/0!	33%	0%

JOHNSON'S POND

																							Aaron	
0	0	Year Box	Current	GPS	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage
ID#	Box Notes	Placed	Box Year	LAT/LONG	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2013	2013
3	Box removed. New location Feb 2013	1995	2013	43.0922012N,71.8314438W		-		NEW	empty	WD	WD	WD	empty	empty	empty	WD	WD	WD	WD	М	WD	uc	М	
4	Moved Feb 2013, on shore now, was leaning back hard	2000	2006	43.0926132N,71.8274841W			-	NEW	WD	WD	WD	empty	WD	WD	WD	WD	М	WD	empty	WD	WD	uc	М	
27	New box installed, new location Feb 2013	1990	2013	43.0914993N,71.8303070W	WD	WD	WD	lost		NEW	WD	WD	empty	empty	empty	empty	empty	WD	WD	WD	WD	uc	M	
28	New box installed, new location Feb 2013	1994	2013	43.0904846N,71.8291931W	WD	WD	WD	lost		NEW	M	WD	WD	WD	empty	WD	empty	empty	empty	empty	lost	-	NEW	
				# of Boxes:	2	2	2	0	2	2	4	4	4	4	4	4	4	4	4	4	3	0	3	4
				# used by Wood Ducks:	2	2	2	0	1	2	3	3	2	2	1	3	1	3	2	2	3	0	0	0
						2 100%	100%	0%	1 50%	100%	3 75%	75%	50%	50%	1 25%	3 75%	1 25%	3 75%	2 50%	2 50%	3 100%	0 #DIV/0!	0%	0 0%
					100%	0 0%	2 100% 0 0%	0 0% 0 0%	50% 0 0%	0 0%	3 75% 1 25%	75% 0 0%	50% 0 0%	50% 0 0%	25% 0 0%	75% 0 0%	1 25% 1 25%	75% 0 0%	2 50% 0 0%	2 50% 1 25%	0	0 #DIV/0! 0 #DIV/0!	0 0% 3 100%	0 0% 0 0%

Usage
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Usage
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47%
47% 9
47%

Usage	ĺ
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57%	
6	
10%	
070/	
67%	

LEAD MINE LOWER

LEAD MINE, LOWER																						
0 Vear Box Curren	GPS	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Aaron Usage	Usage	Usage
ID# Box Notes Placed Box Yes		1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2013	2013	Total
9 Should be moved/replaced during 2014 cleaning season 1994 1994	43.1094055N,71.8469467W	WD	WD	lost	-	NEW	empty	empty	WD	empty	empty	empty	empty	empty	empty	empty	empty	empty	empty	empty		
11 Dump nested 2013 1998 -	43.1078568N,71.8459015W	-	-	-	-	NEW	empty	empty	empty	empty	empty	WD	WD	WD	WD	empty	empty	empty	empty	M		
17 6 flying squirrels 2013 1995 2011	43.1085320N,71.8447342W	NEW	empty	WD	empty	WD	empty	empty	empty	M	WD	WD	WD	WD	WD	lost	-	NEW		empty		
OLD Found submerged in the ice Feb 2012 2010 lost OLD 1995 lost		NEW	empty	WD	empty	empty	empty	WD	empty	WD	empty	empty	empty	empty	WD	WD	lost	WD	lost	-	-	
OLD 1993 IOSI	# of Boxes	: 1	3	NEW 2	uc 3	empty 3	empty 5	empty 5	uc 5	empty 5	4	4	4	4	4	3	2	3	3	3	3	69
	# used by Wood Ducks	s: 1	1	2	Ö	1	Ö	1	1	1	1	2	2	2	3	1	0	1	0	0	0	20
	Wood Duck usage	e: 100%	33%	100%	0%	33%	0%	20%	20%	20%	25%	50%	50%	50%	75%	33%	0%	33%	0%	0%	0%	29%
	# used by Merganser	s: 0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	2
	Merganser usag		0%	0%	0%	0%	0%	0%	0%	20%	0%	0%	0%	0%	0%	0%	0%	0%	0%	33%	0%	3%
	Total usag	a: 100%	33%	100%	0%	33%	0%	20%	20%	40%	25%	50%	50%	50%	75%	33%	0%	33%	0%	33%	0%	32%
	Total usag	5. 10070	3370	10070	0 70	3370	0 70	2070	2070	4070	2370	3070	3070	3070	1370	3370	070	3370	0 /0	3370	070	3270
LEAD MINE, UPPER																						
0 0 Year Box Curren	GPS	TH		111		Usage	T 11	I II		111	111		111		11	Illeren			111	Aaron	11	
ID# Box Notes Placed Box Year		1994	1995	Usage 1996	Usage 1997	1998	1999	Usage 2000	2001	2002	Usage 2003			2006	2007	Usage 2008	2009		2011	2013	Usage 2013	Usage
6 Moved box within upper lead mine, new Feb 2013 1994 2013	43.1115265N,71.8494720W		WD			WD	NEW		WD					lost	2007	2000	2009	2010	2011	NEW	2013	Total
10 Box lost 2013. New box, new location west, same pond 1996 2013	43.1115265N,71.6494720W 43.1122360N, 71.8506088W	empty	WD	empty WD	empty empty	WD	WD	empty WD	WD	empty WD	empty	empty	empty WD	empty	WD	WD	WD	WD	WD	NEW		
13 Box replaced Feb 2013 1996 2013	43.1133804N,71.8489838W	WD	lost	WD	empty	empty	NEW		empty	WD	empty	lost	empty	empty			WD	WD	WD 0/1	WD		
\ <u></u>	# of Boxes	s: 3	2	3	3	3	1	3	3	3	3	2	1	2	2	2	2	2	2	1	3	46
	# used by Wood Duck Wood Duck usage		100%	2 67%	0%	2 67%	100%	33%	2 67%	2 67%	0%	0%	100%	0%	50%	50%	100%	100%	100%	100%	0 0%	24 52%
	Wood Duck usay	5. U1 /U	10070	0770	0 70	07 70	10076	3370	01 70	01 70	0 /0	070	10070	070	3070	3070	10070	10070	10070	10070	070	3270
	# used by Merganser		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Merganser usag	e: 0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Total usag	e: 67%	100%	67%	0%	67%	100%	33%	67%	67%	0%	0%	100%	0%	50%	50%	100%	100%	100%	100%	0%	52%
LILVEOND																						
LILY POND																			Krista	Gary		
0 Vear Box Curren	GPS	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage		Usage	Usage	Usage
ID# Box Notes Placed Box Yea		1994		1996	1997	1998	1999	2000	2001	2002	2003	2004		2006	2007	2008			2011	2013	2013	Total
49 Box in good condition, on open water 1997 1997	43-02.772 N, 71-47.929 W	-	-	NEW	empty	WD	WD	empty	М	WD	WD	WD	WD	empty	М	WD	WD	WD	WD	М		
47 Box needs number plate, box in good condition 1997 1997	43-02.749N, 71-47.880W	-	-	NEW	empty	WD	WD	WD	empty	WD	empty	WD	WD	М	empty	empty	empty	empty	WD	empty		
OLD 2003 lost		-	-	-	-	-	-	-	-	-	NEW	WD	WD	empty	empty	empty	empty	empty	empty	lost	lost	
OLD 2006 lost	# of Davis	· 0	-	NEW	empty	empty	lost	-	2	NEW	lost	NEW	empty	WD	WD	empty 4	empty	lost	-	-	-	49
	# of Boxes # used by Wood Duck		0 0	0 0	3 0	3 2	2 2	2 1	0	2 2	2 1	3 3	4 3	4 1	4 1	1	4 1	3 1	3 2	2 0	2 0	21
	Wood Duck usage		#DIV/0!	#DIV/0!	0%	67%	100%	50%	0%	100%	50%	100%	75%	25%	25%	25%	25%	33%	67%	0%	0%	43%
	# used by Merganser	s· 0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	1	0	4
	Merganser usag					0%	0%	0%	50%	0%	0%	0%	0%	25%	25%	0%	0%	0%	0%	50%	0%	8%
	Total usag	#DIV/01	#DD //OI	#DI\//01	0%	67%	100%	50%	50%	100%	50%	100%	75%	50%	50%	25%	25%	33%	67%	50%	0%	51%
	Total usag	B: #DIV/U!	#DIV/0!	#DIV/0!	0%	0/%	100%	50%	50%	100%	50%	100%	75%	50%	50%	25%	25%	33%	0/%	50%	U%	51%
MUD POND																						
		T.,									T							1	Aaron	Aaron		
0 0 Year Box Curren ID# Box Notes Placed Box Year		1994	1995		Usage 1997	1998	Usage 1999	2000	2001	2002				2006	2007	Usage 2008			2011	Usage 2013	2013	Usage
62 BOX Notes Placed BOX 1466		1994	1993	1990	1997	1990	1999	2000	2001	2002	2003	2004	2003	2006	2007	2006	2009	NEW	empty	2013 M	2013	Total
63 Needs to be moved 2013 2011 2011	43.1132736N,71.8429447W	1			- :	- :			- :									NEW	WD	M		
	# of Boxes	s: 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	6
	# used by Wood Ducks	s: 0	0	0	0 #DIV/0!	0 #DIV/0!	0 #DIV/0!	0 #DIV/0!	0 #DIV/0!	0	0 #DIV/0!	0 #DIV/0!	0 #DIV/0!	0 #DIV/0!	0 #DIV/0!	0 #DIV/0!	0 #DIV/0!	0 #DIV/0!	1 50%	0%	0	1 470
	Wood Duck usage	: #DIV/0!	#DIV/0!	#DIV/0!	#DIV/U!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/U!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0	50%	0%	0%	17%
	# used by Merganser	s: 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
	Merganser usag	e: #DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0%	100%	0%	33%
	Total	e: #DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0	50%	100%	0%	50%
	Total usag																					
DATTEDN MARQUI	rotal usag																					
PATTERN MARSH	rotal usag																					
		Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Aaron	Aaron Usage	Usage	Lleaco
	GPS	Usage	Usage	Usage	Usage 1997	Usage 1998		Usage 2000	Usage 2001				Usage 2005	Usage 2006	Usage 2007		Usage 2009		Aaron Usage 2011	Aaron Usage 2013	Usage 2013	Usage Total
0 0 Year Box Curren ID# Box Notes Placed Box Yes 43 Box removed. New location required. 1994 2002	GPS									Usage 2002 NEW										Usage		Usage Total
0 0 Year Box Curren ID# Box Notes Placed Box Yer 43 Box removed. New location required. 1994 2002 44 Mouse near tourd 1994 2002	GPS	1994	1995	1996 WD WD	1997	1998	1999	2000 WD empty	2001	2002 NEW NEW	2003	2004	2005	2006	2007	2008	2009	2010	2011	Usage 2013		
0 0 Year Box Curren ID# Box Notes Placed Box Yes 43 Box removed. New location required. 1994 2002	GPS r LAT/LONG	1994 empty WD empty	M WD empty	MD WD WD	1997 WD empty empty	1998 empty NEW empty	1999 empty WD empty	2000 WD empty WD	2001 WD lost empty	2002 NEW	2003 WD empty empty	WD empty empty	2005 empty WD empty	2006 empty empty empty	2007 empty WD empty	2008 empty WD empty	2009 empty WD empty	2010 empty uc empty	2011 empty empty lost	Usage 2013 empty empty		Total
0 0 Year Box Curren ID# Box Notes Placed Box Yer 43 Box removed. New location required. 1994 2002 44 Mouse near tourd 1994 2002	GPS r LAT/LONG # of Boxet	1994 empty WD empty s: 3	1995 M WD	1996 WD WD	1997 WD empty	1998 empty NEW empty 2	1999 empty WD	2000 WD empty	2001 WD lost	2002 NEW NEW	2003 WD empty	WD empty	2005 empty WD	2006 empty empty	2007 empty WD	2008 empty WD	2009 empty WD	2010 empty uc	2011 empty empty	Usage 2013 empty empty -	2013	Total 52
0 0 Year Box Curren ID# Box Notes Placed Box Yer 43 Box removed. New location required. 1994 2002 44 Mouse near tourd 1994 2002	GPS r LAT/LONG	1994 empty WD empty s: 3 s: 1	M WD empty	MD WD WD	1997 WD empty empty	1998 empty NEW empty	1999 empty WD empty	2000 WD empty WD	2001 WD lost empty	2002 NEW NEW	2003 WD empty empty	WD empty empty	2005 empty WD empty	2006 empty empty empty	2007 empty WD empty	2008 empty WD empty	2009 empty WD empty	2010 empty uc empty	2011 empty empty lost	Usage 2013 empty empty		Total
0 0 Year Box Curren ID# Box Notes Placed Box Yer 43 Box removed. New location required. 1994 2002 44 Mouse near tourd 1994 2002	GPS IT LAT/LONG # of Boxe: # used by Wood Duck Wood Duck usage	1994 empty WD empty 3: 3 5: 1 9: 33%	M WD empty 3	1996 WD WD WD 3 3 100%	1997 WD empty empty 3 1 33%	1998 empty NEW empty 2 0 0%	1999 empty WD empty 3 1 33%	2000 WD empty WD 3 2 67%	2001 WD lost empty 2 1 50%	2002 NEW NEW WD 1 1 100%	2003 WD empty empty 3 1 33%	2004 WD empty empty 3 1 33%	2005 empty WD empty 3 1 33%	empty empty empty 3 0	2007 empty WD empty 3 1 33%	2008 empty WD empty 3 1 33%	2009 empty WD empty 3 1 33%	2010 empty uc empty 3 0	empty empty lost 2 0	Usage 2013 empty empty - 2 0 0%	2013 - 1 0 0%	Total 52 17
0 0 Year Box Curren ID# Box Notes Placed Box Yer 43 Box removed. New location required. 1994 2002 44 Mouse near tourd 1994 2002	# of Boxe # used by Wood Duck Wood Duck # used by Merganser	1994 empty WD empty s: 3 s: 1 e: 33% s: 0	M WD empty 3	1996 WD WD WD 3 3	1997 WD empty empty 3 1	1998 empty NEW empty 2 0	1999 empty WD empty 3	2000 WD empty WD 3 2	2001 WD lost empty 2 1	2002 NEW NEW WD 1 1	2003 WD empty empty 3 1	2004 WD empty empty 3 1 33%	2005 empty WD empty 3 1 33%	empty empty empty 3 0 0%	2007 empty WD empty 3 1 33%	2008 empty WD empty 3 1 33%	2009 empty WD empty 3 1 33%	2010 empty uc empty 3 0	empty empty lost 2 0 0%	Usage 2013 empty empty - 2 0 0%	2013	52 17 33%
0 0 Year Box Curren ID# Box Notes Placed Box Yer 43 Box removed. New location required. 1994 2002 44 Mouse near tourd 1994 2002	GPS IT LAT/LONG # of Boxe: # used by Wood Duck Wood Duck usage	1994 empty WD empty 3: 3 3: 1 9: 33% 5: 0 9: 0%	1995 M WD empty 3 1 33% 1 33%	1996 WD WD WD 3 3 100%	1997 WD empty empty 3 1 33%	1998 empty NEW empty 2 0 0%	1999 empty WD empty 3 1 33%	2000 WD empty WD 3 2 67%	2001 WD lost empty 2 1 50%	2002 NEW NEW WD 1 1 100%	2003 WD empty empty 3 1 33%	2004 WD empty empty 3 1 33%	2005 empty WD empty 3 1 33%	empty empty empty 3 0	2007 empty WD empty 3 1 33%	2008 empty WD empty 3 1 33%	2009 empty WD empty 3 1 33%	empty uc empty 3 0	empty empty lost 2 0	Usage 2013 empty empty - 2 0 0%	2013 - 1 0 0%	Total 52 17

PLEASANT POND ROAD

	I ELAGANTI I GND NGAD																							
																							Gary	
0	0	Year Box	Current	GPS	Usage	Usage	Usage	Usage	Usage															
ID#	Box Notes	Placed	Box Year	LAT/LONG	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2013	2013
23	No number plate, on metal pole/wobbly - move?	1995		43-02.887 N, 71-49.105 W	NEW	M	empty	WD	empty	WD	empty	uc	empty	WD	empty	empty	empty	empty	lost	-	NEW	uc	empty	
46	Box toast - replace, location appears good	1994	1994	43-02.881N, 71-49.094 W	empty	empty	empty	NEW	empty	WD	empty	uc	empty	NEW	WD	empty	empty							
				# of Boxes:	1	2	2	1	2	2	2	2	2	2	2	2	2	2	1	0	1	1	2	2
				# used by Wood Ducks:	0	0	0	1	0	2	0	0	0	1	0	0	0	0	0	0	1	0	0	0
				Wood Duck usage:	0%	0%	0%	100%	0%	100%	0%	0%	0%	50%	0%	0%	0%	0%	0%	#DIV/0!	100%	0%	0%	0%
				# used by Mergansers:	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Merganser usage:	0%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	#DIV/0!	0%	0%	0%	0%
				Total usage:	0%	50%	0%	100%	0%	100%	0%	0%	0%	50%	0%	0%	0%	0%	0%	#DIV/0!	100%	0%	0%	0%

Usage

18%

55%

Usage Total

47 13 28% 3 6%

POLING'S MARSH

																							Gary	
0	0	Year Box	Current	GPS	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage
ID#	Box Notes	Placed	Box Year	LAT/LONG	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2013	2013
29	Box in poor condition 2013, should be replaced/Moved	1995	1995		NEW	WD	WD	WD	empty	empty	WD	WD	WD	WD	empty	empty	WD	WD	empty	empty	empty	uc	empty	
OLD	Replace in 2013 in new location	1994	lost		WD	WD	WD	WD	WD	M	WD	WD	empty	lost	-	-	-	-	-	-	NEW	uc	lost	lost
OLD		2008	lost		-	-	NEW	empty	LOST	-		-	-	-	-	-	-	NEW	WD	empty	empty	uc	lost	lost
				# of Boxes:	1	2	2	3	2	2	2	2	2	1	1	1	1	1	2	2	2	0	1	1
				# used by Wood Ducks:	1	2	2	2	1	0	2	2	1	0	0	0	1	1	1	0	0	0	0	0
			_	Wood Duck usage:	100%	100%	100%	67%	50%	0%	100%	100%	50%	0%	0%	0%	100%	100%	50%	0%	0%	#DIV/0!	0%	0%
				# used by Mergansers: Merganser usage:		0 0%	0 0%	0 0%	0 0%	1 50%	0 0%	0 #DIV/0!	0 0%	0 0%										
			-	T-t-1	4000/	4000/	4000/	C70/	F00/	E00/	4000/	4000/	E00/	00/	00/	00/	4000/	4000/	E00/	00/	00/	#DD //OI	00/	00/

RESERVOIR MARSH

																							Aaron	
0	0	Year Box	Current		Usage	Usage																		
ID#	Box Notes	Placed	Box Year	LAT/LONG	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2013	2013
32	Good location, box in good condition	2000	2007	43.0505257N,71.8394470W	empty	empty	empty	empty	empty	empty	WD	lost	-	-	-	-	NEW	empty	empty	empty	WD	uc	empty	
37	Box in good condition, in good location	2007		43.0499191N,71.8364487W	empty	empty	empty	lost	-	-		-	-	-	-	-	NEW	empty	WD	empty	empty	uc	empty	
	Box in good condition, close to #32 move?	2007	2007	43.0503998N,71.8383331W	empty	lost	NEW	WD	lost	NEW	WD	empty	lost	-	-	-	NEW	empty	WD	WD	M	uc	empty	l '
OLD	Nowhere to be found	2008	lost		-	empty	М	WD	WD	WD	M	WD	WD	WD	uc	uc	uc	NEW	empty	empty	empty	uc	lost	lost
				# of Boxes:	3	3	3	3	2	2	3	2	1	1	1	1	1	3	4	4	4	0	3	3
				# used by Wood Ducks:	0	0	0	2	1	1	2	1	1	1	0	0	0	0	2	1	1	0	0	0
				Wood Duck usage:	0%	0%	0%	67%	50%	50%	67%	50%	100%	100%	0%	0%	0%	0%	50%	25%	25%	#DIV/0!	0%	0%
				# used by Mergansers:	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0
				Merganser usage:	0%	0%	33%	0%	0%	0%	33%	0%	0%	0%	0%	0%	0%	0%	0%	0%	25%	#DIV/0!	0%	0%
				Total usage:	09/	00/	220/	670/	E00/	50%	100%	E09/	1009/	1009/	00/	00/	00/	00/	E09/	250/	E09/	#DI\//01	00/	09/

WILKIN'S CEMETARY

																							Adioii	
0	0	Year Box	Current	GPS	Usage	Usage	Usage																	
ID#	Box Notes	Placed	Box Year	LAT/LONG	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2013	2013
5	New box in new location Feb 2013	1996	2013		empty	WD	empty	WD	empty	WD	empty	empty	WD	WD	WD	empty	M	empty	lost	OPEN	NEW	uc	NEW	
OLD	Could not find, beaver dam burst, no more pond	1996	lost		WD	WD	empty	WD	empty	empty	WD	M	uc	lost	lost									
				# of Boxes:	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	0	0	0
			_	# used by Wood Ducks:	1	2	0	2	1	2	1	1	2	2	2	1	1	0	0	1	0	0	0	0
			_	Wood Duck usage:	50%	100%	0%	100%	50%	100%	50%	50%	100%	100%	100%	50%	50%	0%	0%	100%	0%	#DIV/0!	0%	0%
				# used by Mergansers:	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0
				Merganser usage:	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	50%	0%	0%	0%	100%	#DIV/0!	0%	0%
			_																					
			_	Total usage:	50%	100%	0%	100%	50%	100%	50%	50%	100%	100%	100%	50%	100%	0%	0%	100%	100%	#DIV/0!	0%	0%