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 STATE OF MAINE

 DEPARTMENT OF AGRICULTURE, CONSERVATION & FORESTRY

 LAND USE PLANNING COMMISSION

 22 STATE HOUSE STATION

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# Memorandum

To:	LUPC Commissioners
From:	Samantha Horn, Planning Manager
	Ben Godsoe, Senior Planner
Date:	October 5, 2018
Re:	Considerations for Rezoning Near Lakes, Staff Analysis

Lake resources are important to Maine's character, environment and economy. Healthy lakes are a strong draw for local residents and visitors alike, and play a critical role in sustaining fish and wildlife populations. When the Commission considers the location of future subdivisions, it is important to be deliberate about which lakes may be near new zones for subdivisions.

The May 2018 draft of rule revisions for adjacency included a proposal that any new zones for waterfront subdivision should be either 1) on a lake or pond that is within a certain distance of services (i.e., within primary or secondary locations); or 2) on a lake or pond that is already developed. Outside of primary or secondary locations, lakes under the proposed revisions that could be eligible for rezoning include management class 3, 4, and 5 lakes, as well as certain class 7 lakes. During the public hearing on the draft rule revisions, commenters raised concerns that there was not sufficient information available to tell which or how many class 7 lakes qualify as having sufficient development to make them potentially be eligible for rezoning. Without this information, commenters raised concerns that a large number of lakes could possibly be "open for development." Commenters requested more information on which class 7 lakes could be affected by the proposal. LUPC staff undertook an analysis of available data to provide more information in response. Although we do not have current data for the location of all dwellings in the unorganized territories (UT), staff conducted research that provides an estimate of how many water bodies are presently developed, as well as some examples to assist interested individuals understanding and getting a better feel for what a "developed" lake is.

The staff analysis provides an estimate of the number of lakes that may potentially be eligible to go through the rezoning process, although the estimate is certainly an overcount, as some lakes are entirely in conservation easement and are therefore never open to subdivision development. It is also important to keep in mind that the rezoning criteria, which include standards related to environmental protection and community character, among others, would have to be met before the Commission could rezone property on any of these lakes. At the October Commission meeting, staff will review background information and details of the assessment for eligible lakes, and answer questions the Commission may have on the method or results.



### Land Use Planning Commission Adjacency Principle Considerations for Rezoning Near Lakes

#### What problem are we trying to fix?

New zones for subdivisions can be up to a mile away from existing groups of homes. Over time, residential subdivision development can "leapfrog" a mile at a time and spread to undeveloped or lightly developed lakes and ponds that are distant from infrastructure. This fragmenting development pattern, as it plays out over time, will affect waterbodies that are valued for recreation and habitat purposes. Although subdivision development in the UT is relatively slow, we do see this situation happen. Over time, it has the potential to negatively affect undeveloped lakes in different parts of the UT.

#### Today's policy and the proposed policy

Many people agree that the best place for residential subdivision is "near other development." That leads to the question of how to measure what is "near other development." **Today's policy** says that new zones for subdivisions should be within a mile of an existing group of homes or camps. There are many undeveloped lakes and ponds that are within a mile of a group of homes. We don't know exactly how many, but at the very least there are dozens, and this will increase over time as more homes are built.

The **proposed policy** says that new zones for waterfront subdivisions should be either 1) on a lake or pond that is within a certain distance of services (i.e., within primary and secondary locations); or 2) on a lake or pond that is already developed. This would eliminate the potential for new subdivisions on remote, undeveloped lakes and ponds.



Proposed Policy Outside Primary and Secondary Locations Only developed lake considered for rezoning



#### How many lakes are we talking about?

Understandably, people have asked the question: "Which lakes and ponds would be considered developed under the proposed policy?" Although we do not have current data for the location of all the dwellings in the UT, our research can give people a good sense of how many waterbodies are likely to be considered developed, as well as some examples that will assist people in getting a better feel for what "developed" would mean on the ground.

There are approximately 1,500 lakes in the UT that are listed in the appendix C of the Commission's Chapter 10 rules<sup>1</sup>. Three hundred four of these lakes are wholly or partly within the proposed primary and secondary locations<sup>2</sup>. Within those locations, some of the lakes are protected by conservation. Those that are not would be eligible for rezoning. These are lakes that are relatively near public services. Many of them already have some development. The table attached to this report shows how many lakes of each category are included in that total.

Outside of the primary and secondary locations, there are 55 lakes that are identified as potentially available for rezoning because they are class 3, 4, or 5. In addition, we estimate that approximately 18 of the management class 7 lakes (2% of the 916 lakes) would be eligible. Combined, approximately a total of 73 lakes outside of the primary and secondary locations may be eligible for subdivision rezoning if not already in conservation.

That estimate of the number of class 7 lakes is important to explain. The criteria in the proposed rule establish that a lake would be developed enough to be considered for rezoning for subdivision if the lake meets all three of the following criteria:

- 1) Already developed with at least 5 dwellings near the shoreline;
- 2) Already developed with at least 1 dwelling per ½ mile of shoreline;
- 3) Already developed with at least 1 dwelling per 50 acres of lake surface area.

If a lake does not meet any one of those criteria, rezoning for a subdivision would not be allowed.

#### Which lakes?

To estimate how many class 7 lakes might meet those criteria, staff took a random sample of class 7 lakes that fall entirely outside the primary and secondary locations. We then looked at Google Earth to count how many homes or camps currently exist on each lake. We used that number, plus information about the size of the lakes, to calculate whether each lake would meet the criteria.

Our random sample consisted of 200 of those lakes. That random sample resulted in 2% (4 lakes) meeting all three criteria, with a margin of error of + or  $-3\%^3$ . In addition to that sample, we did the

<sup>&</sup>lt;sup>1</sup> This report examines lakes that are listed in Appendix C of Chapter 10. There are another ~ 1,500 lakes and ponds in the UT that, at the time the appendix was created in the 1980s, were too small to be listed. On those very small lakes and ponds, it is very likely that the minimum criterion of 5 existing dwellings would use up the residential capacity, and it is very unlikely that a subdivision rezoning could be approved on such a pond outside of the primary and secondary areas.

<sup>&</sup>lt;sup>2</sup> The primary and secondary locations used for this analysis was the configuration that was posted to rulemaking in May, 2018. These are the orange and hashed areas on the map.

<sup>&</sup>lt;sup>3</sup> This margin of error is based on the size of the sample, (200 sampled out of 916 lakes), a 95% confidence standard, and on a likely sample proportion of 6% of lakes meeting all three criteria. The likely sample proportion of 6% is a conservative expectation based on a preliminary study that yielded a 2% result.

same review on another 213 lakes and ponds, with the same result. Of the combined sample of 413, 2% (8 lakes) would qualify.

The list of 413 lakes, and the information we used to do the calculations is attached. Counting dwellings from Google Earth is not perfect<sup>4</sup>, but this method gives a good sense, overall, of how many lakes and ponds would be potentially eligible. The attached list of lakes we sampled will allow a reader to find a lake or pond with which he or she is familiar and see whether it would meet the criteria.

If a lake or pond meets the density criteria, an applicant would still need to submit a rezoning petition, and the proposal would be evaluated for impacts to existing uses and resources, among other review criteria. Meeting the adjacency test of being eligible for consideration is no guarantee a rezoning would be approved. It is a first screen to indicate, at a broad scale, where rezoning for development would be appropriate to consider in more detail.

<sup>&</sup>lt;sup>4</sup> The number of dwellings may be undercounted if tree cover in the photograph obscures all evidence of the dwelling and associated shoreline development like a dock; and the number of dwellings may be overcounted if a large accessory structure appears to be a second dwelling.

### Summary: Lakes by Management Class and Location

Lake MC	# of lakes completely or partly within Primary or Secondary Locations	# of lakes located entirely outside Primary or Secondary locations	Total # Lakes
MC3⁵	15	27	42
MC4	11	11	22
MC5	22	17	39
MC7	256	916: 2% ± 3% of these lakes expected to meet the criteria. 2% would be 18 lakes, 5% would be 46 lakes	1172
MC1, 2, or 6 <sup>6</sup>	Not eligible for rezoning	Not eligible for rezoning	252
Total # Lakes	304 may meet adjacency criteria	Appx 73 lakes may meet adjacency criteria	1527

Data sources:

- Chapter 10, Appendix C
- LUPC\_mgmt\_class GIS layer

<sup>&</sup>lt;sup>5</sup> Includes three lakes classified in Chapter 10, Appendix C as MC 3, 5: Schoodic Lake, South Twin Lake, and Ambajejus Lake

<sup>&</sup>lt;sup>6</sup> *Includes 41 lakes classified in Chapter 10, Appendix C as MC 1/6*: Little Enchanted Pond, Big Moose Pond, Loon Pond, Clearwater Pond, Lang Pond, Little Moose Pond, West Chairback Pond, Turtle Pond, Fourth Roach Pond, Middle Branch Pond, Rainbow Deadwaters, Little Hurd Pond, Twin Ponds, Gardner Lake, Black Lake, Horserace Pond, McKenna Pond, Harrington Pond, Fowler Pond, Slaughter Pond, Tobey Pond 1, Mary Petuche Pond, Cedar Pond, Gauntlet Pond, Second Currier Pond, First Currier Pond, Big Minister Pond, Dixon Pond, Helen Pond, High Pond, Little Lang Pond, Lane Pond, Green Mountain Pond, Ireland Pond, Little Long Pond, Little Swift River Pond, Spruce Mountain Ponds, Little Wadleigh Pond, Trout Pond, Twin Ponds

# Excerpt from the 2010 Comprehensive Land Use Plan pp. C-9 to C-11 Lake Management Classes

The Commission recognizes six specific lake classifications for special planning and management purposes. Lakes are classified based on natural and other resource values and land use characteristics identified in the *Wildlands Lake Assessment*. Specific descriptions of the criteria for each classification, as well as lists of the lakes in Management Classes 1 through 6, can be found below. Those lakes which are not included in one of these six classes are considered to be Management Class 7.

- Management Class 1 lakes are high value, least accessible, undeveloped lakes. It is the Commission's goal to preserve the best examples of these pristine lakes in their natural state by prohibiting development within 1/4 mile of their shores and restricting permanent vehicular access to these lakes. Existing timber harvesting standards are currently considered sufficient to protect the values associated with these lakes from forest management activities. A number of lakes that meet the criteria for Management Class 1 are not designated as such because they are already protected through remote pond zoning. These lakes are identified below.
- Management Class 2 lakes are high value, accessible, undeveloped lakes. The Commission intends to conserve the special values of these lakes by significantly restricting the density and intensity of development to one development unit per mile of shoreline. These restrictions will be applied to the area within 500 feet of the lakeshore to enable the Commission to regulate back lot development which could affect the lake's special values and is consistent with the management intent of the lake. Variation of density requirements may only be sought as part of a concept plan which is demonstrated by clear and convincing evidence to be fully protective of the special values associated with the lake.
- Management Class 3 lakes are those lakes identified in the Appendix considered by the Commission to be potentially suitable for development based on available information on water quality, access, conflicting uses, shoreland availability, water level fluctuation, location, regional considerations, and special planning needs. Soils were not considered in the designation of these lakes due to lack of information, and may affect the appropriateness of this designation for some lakes. The Commission supports additional responsible development around Class 3 lakes, yet will take care to ensure that their significant natural resource values are conserved. The Commission will waive the adjacency criterion for development proposals on these lakes provided it can be demonstrated to its satisfaction by clear and convincing evidence that the lake has no existing or potential water quality problems and that soils are suitable for development. This waiver is strictly limited to shoreland, and proximate areas may not subsequently use shoreland development on Class 3 lakes to meet the adjacency criterion.
- Management Class 4 lakes are high value, developed lakes. The Commission's goal for these lakes is to allow a reasonable level of residential and recreational development while conserving natural resource values and maintaining undeveloped shoreland areas. The Commission will take special care in evaluating and regulating new subdivisions proposed on these lakes and will require cluster development to protect natural values except where clearly inappropriate due to site characteristics.

- Management Class 5 consists of heavily developed lakes. The Commission seeks to maintain natural qualities associated with these lakes, enhance scenic values, and retain some undeveloped shoreline by requiring cluster development on these lakes except where clearly inappropriate due to site characteristics. The Commission has identified lakes approaching heavily developed status and will pursue similar goals on the lakes.
- Management Class 6 lakes are remote ponds inaccessible, undeveloped lakes with coldwater game fisheries. The Commission intends to continue to prohibit development within 1/2 mile of these ponds to protect the primitive recreational experience and coldwater lake fisheries in remote settings.
- Management Class 7 consists of all lakes not otherwise classified, including many lakes which have multiple outstanding or significant resource values identified in the Wildlands Lake Assessment. The Commission will manage these lakes for multiple use, including resource conservation, recreation, and timber production, giving specific consideration to identified resource values when evaluating the merits of lake-related rezoning and permit applications. It is the Commission's intention that the majority of these lakes remain in Management Class 7 and be managed under applicable requirements.

# A List of Lakes Classified Management Class 1 through 6 can be found in the Comprehensive Land Use Plan, starting on page C-13

## Assessment of Class 7 Lakes: Proposed Adjacency Criteria

LUPC staff reviewed a sample of class 7 lakes that fall entirely outside of the primary and secondary locations, as proposed in the May, 2018 rulemaking package. Of 413 lakes reviewed, 8 lakes would meet the minimum thresholds. These are highlighted in the table. Under the present proposal, lakes that do not meet the minimum thresholds, as discussed in the above memo, could not be considered for rezoning for residential subdivision. Those that do meet the minimum thresholds are highlighted in the table below) could be considered, but would need to meet the other rezoning criteria, including no undue adverse impacts on existing uses and resources before a rezoning would be approved.

This study of a sample of lakes indicates that approximately 2% of all the class 7 lakes outside of the primary and secondary areas would meet the minimum thresholds. This conclusion is further discussed in the accompanying memo.

LAKENAME	MIDAS	TOWN_NAME	Shore Miles	Acreage	Total Devlt Units
		bowdoin-college-grant-east-			
1st Little Lyford Pond	430	twp	1.0	20	0
Abbie Pond	3360	bowmantown-twp	0.8	15	1
Alder Pond	120	t3-r5-bkp-wkr	2.0	110	0
Allen Pond	4516	t35-md-bpp	2.4	95	0
Atkins Pond	4176	t8-r9-wels	1.2	32	0
Austin Pond	2410	t5-r17-wels	1.1	43	0
Avery Pond	3001	t7-r15-wels	1.2	20	0
Barker Pond	3118	bowmantown-twp	1.3	39	1
Barrett Pond	2658	holeb-twp	1.2	37	1
Bartlett Pond	1986	t10-r9-wels	2.4	74	0
Basin Pond	42	pierce-pond-twp	1.6	84	0
Baskahegan Lake	1078	brookton-twp	41.3	6815	4
Beam Pond	1880	t11-r17-wels	1.2	44	0
Bear Pond	528	ta-r11-wels	0.6	7	0
Beaver Pond	8739	rangeley-plt	2.1	15	0
Beaver Pond	1872	t12-r17-wels	1.5	65	0
Beaver Pond	3076	t8-r5-wels	1.5	73	0
Beaver Tail Pond	1536	t14-r9-wels	2.7	100	0
Beck Pond	5142	t3-r5-bkp-wkr	1.2	37	1
Big Bartley Pond	2656	holeb-twp	1.5	37	0
Big Beaver Pond	4162	t7-r9-wels	8.2	283	0
Big Berry Pond	2550	johnson-mountain-twp	1.0	33	0
Big Bog	2412	t5-r17-wels	0.1	1	0

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LAKENAME	MIDAS	TOWN NAME	Miles	Acreage	Units
Big Fish Pond	2660	holeb-twp	1.6	63	1
Big Houston Pond	916	t7-r9-nwp	8.8	644	3
Big Hurd Pond	4014	t6-r15-wels	4.8	275	2
Big Island Pond	3352	seven-ponds-twp	4.7	340	3
Big Pine Pond	2920	t3-r13-wels	2.4	148	0
Billings Pond	1970	t11-r9-wels	1.2	49	0
Billings Ponds	3108	parmachenee-twp	0.5	9	0
Black Brook Pond	40	pierce-pond-twp	4.7	58	0
Black Brook Pond 1	1184	t19-md-bpp	1.3	12	0
Black Brook Pond 6	1192	t25-md-bpp	0.8	18	0
Black Cat Pond	3086	t8-r6-wels	0.8	22	0
Black Lake	1568	t16-r9-wels	0.5	9	0
Black Pond	454	t1-r12-wels	2.1	127	0
Black Pond	2896	t6-r14-wels	21.7	2189	0
Blakeslee Lake	5114	haynestown-twp	1.7	48	0
Blood Lake	1458	t14-r16-wels	0.6	14	0
Blood Pond	2928	t2-r13-wels	1.4	48	0
Branch Pond (2nd and 3rd					
W)	442	shawtown-twp	4.3	199	6
Bobs Pond	2426	t4-r17-wels	1.0	25	0
Bog Pond	944	cedar-lake-twp	1.4	48	0
Bog Pond	530	ta-r11-wels	1.0	35	0
Boody Pond	3000	t8-r8-wels	1.4	29	0
Boot Pond	816	t7-r9-nwp	0.9	16	0
Burnt Land Lake	4792	t35-md-bpp	3.0	82	0
Burntland Pond	1878	t12-r17-wels	1.5	64	0
Call Pond	140	lower-enchanted-twp	1.1	17	0
Camp Pond	822	t7-r9-nwp	0.9	9	0
Canada Falls Lake	2516	pittston-academy-grant-twp	32.8	2305	7
Carloe Pond	9656	t26-ed-bpp	0.9	12	0
Carpenter Pond	275	t7-r11-wels	2.4	144	0
Carr Pond	1598	t13-r8-wels	3.4	323	3
Carry Pond	678	t3-r11-wels	0.8	11	0
Carry Pond	678	t3-r11-wels	0.8	11	0
Center Pond	4040	soldiertown-twp_t2r3	1.5	56	1
Chamberlain Lake	2882	t7-r12-wels	70.8	13255	1
Chandler Deadwater	9179	t9-r7-wels	5.3	43	0
Chandler Lake	1994	t9-r8-wels	6.7	418	0
Chandler Pond	2834	t8-r10-wels	3.5	127	2

					Total
LAKENAME	MIDAS	TOWN NAME	Shore Miles	Acreage	Devlt Units
Charles Pond	1454	t14-r15-wels	1.2	52	0
Chase Lake	2752	t9-r10-wels	5.9	422	1
Chase Pond	3632	moro-plt	1.0	16	0
Chase Stream Pond	4080	chase-stream-twp	0.7	8	1
Chemquasabamticook Lake	1888	t10-r15-wels	13.0	2925	17
Church Pond	538	ta-r10-wels	2.0	47	0
Clayton Lake	1882	clayton-lake-twp	2.0	134	1
Clifford Lake	1308	t26-ed-bpp	13.7	859	
Coffeelos Pond	2712	t6-r11-wels	2.5	191	0
Cooper Pond	540	ta-r10-wels	5.0	242	2
Corner Pond	2998	t9-r16-wels	1.3	68	0
Cow Pond	2938	t1-r13-wels	1.6	61	0
Cranberry Pond	3020	t8-r6-wels	1.1	22	0
Cranberry Pond	3018	t8-r6-wels	1.2	49	0
Crater Pond	487	t15-r9-wels	1.0	20	0
Crawford Pond	520	ta-r11-wels	4.5	340	1
Crescent Pond	652	rainbow-twp	0.6	9	0
Crescent Pond	2964	t9-r15-wels	4.6	318	1
Cross Lake	1494	t18-r10-wels	2.0	47	2
Cunliffe Lake	1890	t12-r13-wels	1.9	122	1
Cupsuptic Pond	7726	oxbow-twp	0.9	10	0
Cut Lake	3022	t7-r6-wels	6.1	296	0
Daggett Pond	4006	t7-r14-wels	5.1	460	1
Davidson Pond	3060	herseytown-twp	2.4	84	0
Davis Pond	5112	haynestown-twp	0.6	12	0
Deer Pond	3366	bowmantown-twp	0.6	5	0
Deer Pond	1624	saint-john-plt	0.6	7	0
Demo Pond	4114	rockwood-strip-t2r1-nbkp	2.0	169	0
Depot Lake	1448	t13-r16-wels-east	7.4	864	0
Dill Pond	2378	dallas-plt	0.5	11	0
Douglas Pond	5044	kibby-twp	1.0	16	0
Duck Lake	4746	oqiton-twp	7.4	1154	3
Duck Pond	2894	t5-r12-wels	6.4	466	0
Duck Pond	257	t4-r11-wels	1.4	25	1
Duck Pond	1698	t2-r4-wels	1.1	25	0
Dudley Rips Pond	9572	t4-r9-nwp	1.1	12	0
East Grand Lake	1070	forest-city-twp	91.8	15797	673
Ed Jones Pond	1886	t12-r15-wels	1.5	16	0
Egg Pond	666	t3-r12-wels	0.7	9	0

LAKENAME	MIDAS	TOWN_NAME	Shore Miles	Acreage	Total Devlt Units
Eighth Debsconeag Pond	608	rainbow-twp	0.7	8	0
Everett Pond	5134	king-and-bartlett-twp	0.6	11	0
Farrar Pond	1974	t11-r10-wels	1.8	44	0
Fifth Currier Pond	2770	t9-r11-wels	0.7	9	0
Fifth Debsconeag Lake	602	rainbow-twp	2.3	87	0
Fifth Machias Lake	1144	t36-md-bpp	8.2	1058	4
Fifth Saint John Pond	2414	t5-r17-wels	8.2	679	0
First Lake	1152	t37-md-bpp	2.5	123	0
First Pelletier Brook Lake	1564	t16-r9-wels	1.0	27	0
Fish Pond	3324	lincoln-plt	1.1	4	0
Fish Pond	2524	thorndike-twp	3.0	222	0
Foley Pond	2488	comstock-twp	2.4	150	0
Fourth Pelletier Brook Lake	1562	t16-r9-wels	1.3	53	0
Gassabias Lake	4782	t41-md-bpp	9.8	939	0
Getchel Lakes	1122	t43-md-bpp	1.6	58	2
Gilman Pond	3638	moro-plt	1.1	12	0
Glazier Pond	1898	t11-r12-wels	0.2	2	0
Goose Pond	1218	t24-md-bpp	0.8	24	0
Grass Pond	104	pierce-pond-twp	2.2	68	1
Grassy Pond	1252	t19-md-bpp	0.7	9	0
Gray Ledge Deadwater	9750	cedar-lake-twp	3.9	32	0
Greely Pond	2380	dallas-plt	1.3	40	0
Grover Lake	1244	day-block-twp	3.1	74	1
Hadley Lake 2	1226	t24-md-bpp	1.7	41	6
Hale Pond	2062	t2-r10-wels	2.9	170	0
Hammond Pond	7431	marion-twp	0.6	10	0
Harrington Lake	700	t3-r11-wels	10.5	1219	2
Hay Lake	2178	t6-r8-wels	7.3	625	2
Hay Pond	2824	t7-r11-wels	0.9	16	0
Haymock Lake	2814	t7-r11-wels	6.7	929	8
Hedgehog Pond	284	blanchard-twp	0.7	11	0
Henderson Pond	532	ta-r11-wels	3.0	196	2
Hilton Pond 1	304	kingsbury-plt	0.7	12	0
Hobart Lake	1388	edmunds-twp	2.0	88	0
Horseback Pond	2164	t7-r7-wels	0.5	8	0
Horseshoe Lake	4788	t35-md-bpp	3.9	209	3
Horseshoe Pond	4082	chase-stream-twp	1.1	31	1
		bowdoin-college-grant-west-			
Horseshoe Pond	412	twp	3.1	171	3

			Shore		Total Devlt
LAKENAME	MIDAS	TOWN_NAME	Miles	Acreage	Units
Horseshoe Pond	102	pierce-pond-twp	0.9	11	0
Humpback Bog	4488	t28-md-bpp	1.4	9	0
Huntley Pond	3640	moro-plt	0.5	10	0
Hutch Pond	2498	hammond-twp	0.6	12	0
Iron Pond	5106	haynestown-twp	0.9	28	0
Island Pond	1942	t10-r10-wels	3.3	230	0
Island Pond	1516	t15-r9-wels	1.4	34	1
Island Pond	4094	chase-stream-twp	1.2	25	0
Jack Pond	4140	t7-r10-wels	0.6	8	0
Johns Pond	144	lower-enchanted-twp	0.6	10	0
Jo-Mary Pond	476	tb-r10-wels	1.3	40	0
Jones Pond	2486	bald-mtn-twp_t4r3	4.2	134	7
		east-middlesex-canal-grant-			
Kidney Pond	2926	twp	1.7	42	0
King and Bartlett Lake	5136	king-and-bartlett-twp	5.2	538	3
Kingsley Bog	276	mayfield-twp	1.2	5	0
Kingsley Flowage	7148	mayfield-twp	2.2	8	0
L Pond	5062	seven-ponds-twp	2.3	97	0
Leadbetter Pond	2764	t9-r11-wels	3.2	95	2
Leonard Pond	1988	t10-r9-wels	1.1	39	0
Lily Lake	1164	t30-md-bpp	1.1	30	0
Line Pond	2806	t7-r11-wels	0.7	13	0
Little Austin Pond	244	bald-mtn-twp_t2r3	2.3	128	0
Little Beaver Pond	3312	magalloway-plt	1.3	48	0
Little Beaver Pond	4164	t7-r9-wels	3.4	112	0
Little Bluffer Pond	2796	t8-r11-wels	0.6	11	0
Little Caribou Pond	4144	<null></null>	0.5	11	0
Little Cathance Lake	1382	cathance-twp	2.5	138	1
Little Chase Stream Pond	5798	misery-twp	0.9	22	0
Little Elm Pond	2444	elm-stream-twp	1.1	43	0
Little Fish Pond	2512	alder-brook-twp	1.0	31	0
Little Fisher Pond	2942	t2-r12-wels	1.1	32	0
Little Gordon Pond	134	lower-enchanted-twp	0.7	13	0
Little Harrow Lake	1936	t10-r11-wels	1.2	39	0
Little Indian Pond	2808	t7-r12-wels	2.4	121	4
Little Kennebago Lake	3958	stetsontown-twp	3.1	165	17
Little King Lake	5138	king-and-bartlett-twp	2.4	91	2
Little Lane Pond	2502	hammond-twp	0.7	16	0
Little Messer Pond	5806	t5-r8-wels	0.9	28	0

LAKENAME	MIDAS	TOWN_NAME	Shore Miles	Acreage	Total Devlt Units
Little Moose Pond	4152	t7-r10-wels	0.8	21	0
Little Mountain Catcher					
Pond	9922	t6-r8-wels	0.8	13	0
Little Mud Pond	738	t4-r12-wels	1.2	43	0
Little Mud Pond	2180	t6-r8-wels	0.8	17	0
Little Musquash Lake	1128	t37-md-bpp	0.9	20	0
Little Nesowadnehunk Lake	2728	t5-r11-wels	1.7	103	0
Little Northwest Pond	3344	massachusetts-gore	0.7	13	1
Little Palmer Pond	268	mayfield-twp	0.9	18	0
Little Pickerel Pond	1080	brookton-twp	1.0	26	1
Little Pillsbury Pond	2800	t8-r11-wels	1.1	41	0
Little Pleasant Pond	1943	t10-r11-wels	2.2	70	0
Little River Lake	1118	t43-md-bpp	1.8	74	0
Little Saint John Lake	5168	t5-r20-wels	1.9	88	2
Little Soldier Pond	2308	soldiertown-twp_t2r7	2.4	19	0
		east-middlesex-canal-grant-			
Little Spencer Pond	2950	twp	2.1	59	0
Little Wilson Hill Pond	162	johnson-mountain-twp	0.7	13	0
Logan Ponds	2080	t2-r9-wels	1.0	25	0
Long Bog	450	shawtown-twp	0.9	12	0
Long Pond	3116	lynchtown-twp	1.1	10	0
Long Pond	1596	t13-r8-wels	0.8	8	0
Long Pond	1922	t11-r10-wels	2.5	121	0
Long Pond	506	ta-r11-wels	5.1	370	2
Loon Pond	453	t40-md-bpp	0.5	11	0
Lost Pond	1658	t15-r6-wels	0.6	13	0
Lost Pond	5146	t3-r5-bkp-wkr	0.6	11	0
Lost Pond	2878	t7-r13-wels	1.4	45	0
Lost Pond	1924	t11-r10-wels	1.6	59	0
Lost Pond	2420	russell-pond-twp	1.9	51	0
Lovejoy Pond	4506	t34-md-bpp	1.0	29	1
Lower Allen Pond	4504	t34-md-bpp	1.5	55	0
Lower Black Pond	7724	oxbow-twp	0.9	30	1
Lower Chain Lake	4732	sakom-twp	4.3	173	1
Lower Deadwater	946	cedar-lake-twp	2.0	13	1
Lower East Ragged Pond	996	t4-indian-purchase-twp	1.6	28	0
Lower Elbow Pond	1952	t10-r10-wels	3.0	27	0
Lower Enchanted Pond	142	lower-enchanted-twp	2.9	20	2
Lower First Saint John Pond	2428	t4-r17-wels	1.0	26	0

			Shore		Total Devlt
LAKENAME	MIDAS	TOWN_NAME	Miles	Acreage	Units
Lower Getchell Lake	1120	t43-md-bpp	1.3	55	1
Lower Hudson Pond	1954	t10-r10-wels	2.3	88	1
Lower LaPomkeag Lake	3010	<null></null>	2.1	95	1
Lower Oxbrook Lake	1106	t6-r1-nbpp	4.5	341	7
Lower Pistol Lake	4756	t3-nd-bpp	8.7	935	2
Lower Portage Pond	2760	t9-r11-wels	1.4	32	0
Lower Shaw Pond	5154	t3-r4-bkp-wkr	2.1	62	1
Lucia Pond	810	t7-r9-nwp	2.0	43	1
Lunksoos Lake	2206	t4-r7-wels	6.4	270	3
Marble Pond	280	blanchard-twp	1.3	16	0
May Pond	2826	t7-r11-wels	0.9	25	0
McClusky Lake	1660	t14-r5-wels	2.0	48	0
McDougal Pond	4022	t6-r15-wels	1.1	11	0
McGilvry Pond	3082	t8-r6-wels	0.8	23	0
McKenney Pond	2650	holeb-twp	1.2	21	0
McPherson Pond	1992	t10-r10-wels	1.7	67	0
Middle Allen Pond	4502	t34-md-bpp	0.9	26	0
Middle Carry Pond	46	carrying-place-town-twp	5.5	127	7
Middle Deadwater	1099	kossuth-twp	3.5	27	0
Middle Elbow Pond	1950	t10-r10-wels	2.0	49	0
Middle Oxhead Pond	4770	t40-md-bpp	1.6	43	0
Middle Pistol Lake	4750	oqiton-twp	2.3	88	3
Middle Unknown Lake	4742	oqiton-twp	1.6	84	0
Millinocket Lake	4156	t7-r9-wels	31.3	2757	3
Mink Pond	1478	t14-r10-wels	0.9	22	0
Misery Pond	5800	misery-twp	1.9	37	0
Mitchell Pond	9757	t7-r9-wels	0.8	20	0
Monroe Lake	1126	t43-md-bpp	1.7	43	0
Moore Pond	5096	bradstreet-twp	1.2	37	0
Moose Bog	7688	bowmantown-twp	0.1	0	0
Moose Pond	118	bowtown-twp	0.6	13	0
Mopang Lake	1172	devereaux-twp	14.0	1556	7
Morrell Pond	4262	t7-r8-wels	1.0	33	0
		bowdoin-college-grant-west-			
Mountain Brook Pond	414	twp	1.3	23	2
Mountain Pond	3540	rangeley-plt	1.1	29	0
Mountain Pond	1956	t10-r10-wels	1.8	71	1
Mountain Pond	2989	t8-r15-wels	1.0	29	1
Moxie Bog	7106	bald-mtn-twp_t2r3	4.7	26	0

			_		Total
LAKENAME	MIDAS	TOWN_NAME	Shore Miles	Acreage	Devlt Units
Mud Pond	1600	t13-r7-wels	0.9	20	0
Mud Pond	1546	t13-r8-wels	1.4	39	0
Mud Pond	2530	thorndike-twp	1.9	34	0
Mud Pond	1874	t12-r17-wels	1.4	51	1
Mud Pond	1532	t15-r9-wels	2.3	57	0
Mule Brook Deadwater	9796	t10-r10-wels	2.2	12	0
Mule Pond	2422	russell-pond-twp	0.7	13	0
Munson Lake	1350	berry-twp	1.5	29	0
Narrow Pond	2976	t8-r14-wels	3.4	152	0
Nesowadnehunk					
Deadwater	600	t2-r10-wels	5.6	183	0
Nesowadnehunk Lake	2730	t5-r11-wels	10.5	1369	22
Nollesemic Lake	2128	cedar-lake-twp	7.5	649	2
North Otter Pond	116	bowtown-twp	1.6	68	1
Norway Lake	9526	pukakon-twp	4.3	164	2
Oak Knoll Brook Deadwater	2010	cedar-lake-twp	0.8	4	0
Orie Lake	1094	t6-r1-nbpp	1.3	43	0
Otter Pond	2860	soper-mountain-twp	1.6	30	0
Otter Pond	2872	t8-r14-wels	2.4	106	0
Otter Pond	2924	t3-r13-wels	0.9	21	0
Otter Pond	3074	t8-r5-wels	1.5	57	0
Otter Pond	3972	parmachenee-twp	0.6	14	0
Parmachenee Lake	3966	lynchtown-twp	12.7	913	13
Partridge Pond	2790	t8-r11-wels	1.6	29	0
Peaked Mountain Pond	1254	t19-md-bpp	4.6	207	4
Pennington Pond	1612	t15-r6-wels	1.7	54	0
Petes Pond	1482	t13-r10-wels	1.3	21	0
Pickerel Lake	1166	t30-md-bpp	0.9	27	0
Pillsbury Pond	2786	t8-r11-wels	5.6	164	0
Pine Stream Flowage	2906	t4-r13-wels	13.7	122	0
Pleasant and Mud Lakes	3670	t6-r6-wels	10.0	455	8
Pleasant Lake	2756	t9-r11-wels	8.0	964	10
Pleasant River Lake	1210	devereaux-twp	10.1	908	91
Pockwockamus Pond	245	t2-r9-wels	1.8	50	0
Pork Barrel Lake	1102	t6-r1-nbpp	1.0	30	0
Pratt Lake	1972	t11-r9-wels	2.1	91	8
Pretty Pond	2802	t8-r11-wels	1.3	53	0
Pretty Pond	1214	t24-md-bpp	0.8	24	1
Priestly Lake	1906	t10-r13-wels	10.2	628	0

LAKENAME	MIDAS	TOWN_NAME	Shore Miles	Acreage	Total Devlt Units
Pudding Pond	932	barnard-twp	0.6	10	0
Pughole Pond	4786	t41-md-bpp	1.8	62	0
Pushineer Pond	1514	t15-r9-wels	1.6	64	0
Reed Deadwater	2848	t8-r10-wels	0.7	5	0
Rober Pond	2014	t4-r8-wels	0.3	2	0
Rock Pond	3542	sandy-river-plt	0.4	5	0
Rocky Bog	2008	cedar-lake-twp	1.0	13	0
Rocky Lake	1182	t25-md-bpp	1.2	36	0
Roderique Pond	317	rockwood-strip-t2r1-nbkp	1.1	28	0
Round Lake	1240	t19-ed-bpp	3.6	345	12
Round Mountain Pond	1966	t11-r8-wels	1.1	39	0
Round Pond	4158	t7-r9-wels	1.8	26	0
Round Pond	4076	squaretown-twp	1.4	45	1
Rowe Lake	1964	t11-r8-wels	3.6	370	5
Rowe Pond	4002	t7-r14-wels	5.4	251	0
Rush Pond	3062	herseytown-twp	5.3	208	1
Sabbath Day Pond	3578	township-e	1.5	65	4
Sag Pond	1484	t13-r10-wels	0.6	11	0
Saint Francis Lake	2398	t8-r16-wels	4.3	350	2
Sam Hill Lake	1156	day-block-twp	1.9	55	0
Sampson Pond	812	t7-r9-nwp	2.4	31	0
Sapet Pond	5078	lowelltown-twp	1.0	23	0
Seboeis Deadwater	2172	t6-r7-wels	8.3	61	2
Second Chase Pond	1540	t14-r9-wels	2.9	191	2
Second Debsconeag Lake	586	t2-r10-wels	4.1	172	0
Second Lake	1134	t37-md-bpp	3.0	105	3
Second Machias Lake	1138	t37-md-bpp	2.8	182	2
Second Mopang Lake	1170	devereaux-twp	3.1	138	0
Second Musquacook Lake	1916	t11-r11-wels	7.2	759	6
Second Pelletier Brook Lake	1566	t16-r9-wels	1.4	26	0
Second Roach Pond	452	t1-r12-wels	13.5	872	0
Shack Pond	2912	lobster-twp	1.8	73	0
Shaw Pond	5152	t3-r4-bkp-wkr	1.6	43	1
Side Pistol Lake	4752	t3-nd-bpp	2.2	123	3
Silver Lake	1656	t15-r5-wels	0.6	12	0
Smith Brook Pond	4184	t9-r10-wels	0.9	15	0
Smith Brook Pond	1770	dudley-twp	2.9	20	0
South Boundary Pond	3346	massachusetts-gore	0.5	7	1
Spectacle Pond	282	blanchard-twp	2.4	61	1

					Total
LAKENAME	MIDAS	TOWN_NAME	Shore Miles	Acreage	Devlt Units
Spectacle Pond	1580	t10-r8-wels	2.9	104	0
Spectacle Pond	5122	king-and-bartlett-twp	1.6	38	1
Spencer Pond	2450	comstock-twp	0.8	15	0
Spruance Pond	508	ta-r11-wels	0.7	10	0
Sterling Pond	1574	t13-r7-wels	1.0	37	0
Stink Pond	1518	t15-r9-wels	0.6	13	0
Sucker Brook Pond	924	katahdin-iron-works-twp	1.1	22	0
Summit Pond	2434	t4-r15-wels	1.5	52	0
Swift River Pond	3576	township-e	0.6	10	0
Tack Pond	2134	cedar-lake-twp	0.6	9	0
The Basin (Jackson Brook Lake)	1334	forest-twp	5.3	487	34
Third Chain Lake	1314	t26-ed-bpp	13.4	312	0
Third Lake	1132	t37-md-bpp	3.3	139	0
Third Musquacook Lake	1918	t11-r11-wels	3.8	390	3
Thissell Pond	2726	t5-r11-wels	1.9	139	2
Toby Pond	5102	hobbstown-twp	0.6	15	0
		east-middlesex-canal-grant-			
Tom Young Pond	2952	twp	1.0	20	0
Tomah Lake	135	forest-twp	1.4	59	0
		west-middlesex-canal-grant-			
Tomhegan Pond	4038	twp	2.7	204	0
Trout Lake	1250	day-block-twp	0.9	24	0
Trout Pond	448	shawtown-twp	2.6	139	0
Trout Pond	2316	soldiertown-twp_t2r7	1.0	15	0
Truesdale Pond	2452	comstock-twp	1.1	45	0
Unknown Pond	5072	gorham-gore	0.6	11	0
		east-middlesex-canal-grant-			
Unnamed Pond	9384	twp	1.0	4	0
unnamed pond	/818	chase-stream-twp	0.8	4	0
unnamed pond	8356	dole-brook-twp	0.4	6	0
unnamed pond	9770	elm-stream-twp	2.5	1/	0
unnamed pond	7016	king-and-bartlett-twp	0.6	10	0
unnamed pond	7700	magalloway-plt	0.4	4	0
unnamed pond	8958	misery-twp	0.4	4	0
unnamed pond	9813	soper-mountain-twp	0.6	3	0
unnamed pond	7023	t11-r17-wels	0.2	1	0
unnamed pond	9245	t13-r15-wels	1.3	50	0
unnamed pond	9692	t2-r9-wels	0.5	8	0
unnamed pond	8180	t2-r9-wels	1.6	15	0

LAKENAME	MIDAS	TOWN_NAME	Shore Miles	Acreage	Total Devlt Units
unnamed pond	8385	t3-nd-bpp	0.7	19	0
unnamed pond	6946	t3-r5-bkp-wkr	0.9	13	0
unnamed pond	6950	t3-r5-bkp-wkr	1.8	23	0
unnamed pond	9085	t3-r8-wels	0.3	5	0
unnamed pond	8251	t41-md-bpp	1.3	7	0
unnamed pond	9570	t4-r9-nwp	1.0	11	0
unnamed pond	8314	t5-r11-wels	1.2	3	0
unnamed pond	9670	t5-r7-bkp-wkr	0.7	15	0
unnamed pond	9668	t5-r7-bkp-wkr	1.6	8	0
unnamed pond	9013	t5-r7-wels	0.4	1	0
unnamed pond	9786	t7-r9-wels	0.4	8	0
unnamed pond	9784	t7-r9-wels	0.8	10	0
unnamed pond	9676	ta-r11-wels	0.5	6	0
unnamed pond	8289	t28-md-bpp	0.5	8	1
unnamed pond	7335	t30-md-bpp	0.7	11	1
unnamed pond	7596	township-c	0.6	8	0
unnamed pond	8650	t5-r17-wels	0.7	7	0
unnamed pond	7864	seboomook-twp	1.9	15	0
unnamed pond	7862	seboomook-twp	1.6	19	0
unnamed pond	9608	spencer-bay-twp	0.8	6	0
unnamed pond	9718	lobster-twp	0.6	11	0
unnamed pond	9150	ta-r11-wels	0.7	5	0
unnamed pond	8062	t1-r10-wels	0.4	7	0
unnamed pond	9069	t4-r8-wels	0.5	10	0
unnamed pond	9067	t4-r8-wels	0.3	2	0
unnamed pond	7776	appleton-twp	0.3	3	0
Upper Allen Pond	4500	t34-md-bpp	3.7	60	0
Upper Deadwater Pond	2736	t10-r11-wels	1.6	29	0
Upper Deadwater Pond	1980	t11-r10-wels	2.5	36	0
Upper Ellis Pond	2992	t7-r14-wels	2.8	163	0
Upper Jo-Mary Deadwater	9630	t4-indian-purchase-twp	1.4	18	0
Upper Kilgore Pond	106	bowtown-twp	0.6	14	0
Upper LaPomkeag Lake	3012	t8-r7-wels	4.8	217	2
Upper Lead Mountain Pond	4482	t28-md-bpp	8.1	977	68
Upper McNally Pond	1930	t11-r10-wels	2.5	113	1
Upper Misery Pond	5802	misery-twp	0.7	17	0
Upper Moose Pond	2828	t7-r10-wels	1.6	35	0
Upper Oxbrook Lake	1104	t6-r1-nbpp	4.7	434	3
Upper Partridge Pond	2792	t8-r11-wels	0.6	12	0

LAKENAME	MIDAS	TOWN_NAME	Shore Miles	Acreage	Total Devlt Units
Upper Pistol Lake	4748	oqiton-twp	2.3	119	0
Upper Pond	1521	t15-r9-wels	0.7	15	0
Upper Richardson Lake	3308	richardsontown-twp	33.8	4779	41
Upper Russell Pond	2960	t9-r14-wels	2.9	269	0
Upper Soper Pond	2784	t8-r11-wels	3.0	68	0
Upper West Ragged Pond	992	t4-indian-purchase-twp	1.3	47	0
Whipple Pond	5094	t5-r7-bkp-wkr	4.9	185	2
White Pond	1462	t13-r15-wels	1.3	15	0
Yankeetuladi Pond	9203	t19-md-bpp	0.4	3	0