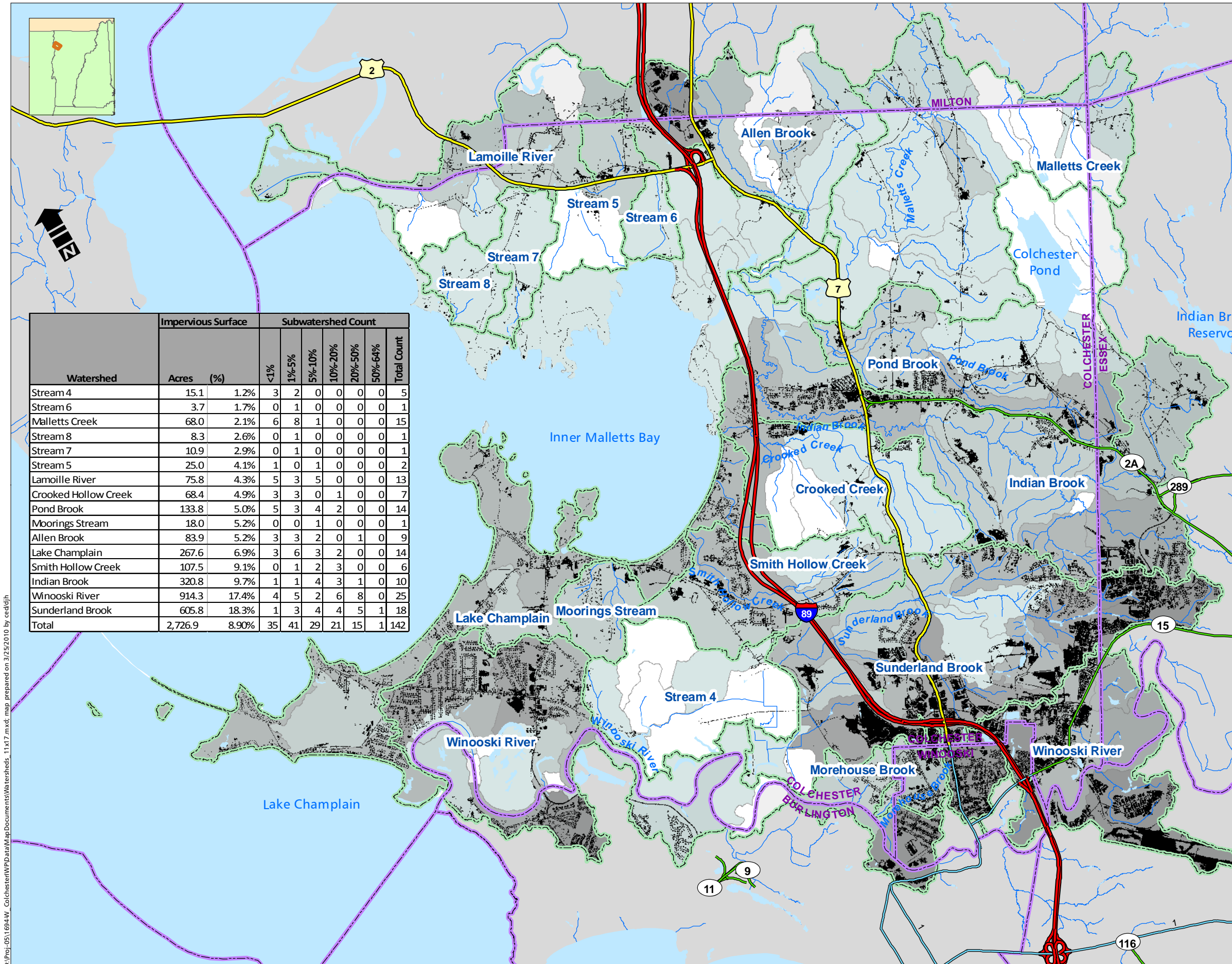


Impervious Surfaces by Subwatershed

Integrated Water Resources Management Program

Town of Colchester, Vermont



Watershed	Impervious Surface		Subwatershed Count						
	Acres	(%)	<1%	1%-5%	5%-10%	10%-20%	20%-50%	50%-64%	Total Count
Stream 4	15.1	1.2%	3	2	0	0	0	0	5
Stream 6	3.7	1.7%	0	1	0	0	0	0	1
Malletts Creek	68.0	2.1%	6	8	1	0	0	0	15
Stream 8	8.3	2.6%	0	1	0	0	0	0	1
Stream 7	10.9	2.9%	0	1	0	0	0	0	1
Stream 5	25.0	4.1%	1	0	1	0	0	0	2
Lamoille River	75.8	4.3%	5	3	5	0	0	0	13
Crooked Hollow Creek	68.4	4.9%	3	3	0	1	0	0	7
Pond Brook	133.8	5.0%	5	3	4	2	0	0	14
Moorings Stream	18.0	5.2%	0	0	1	0	0	0	1
Allen Brook	83.9	5.2%	3	3	2	0	1	0	9
Lake Champlain	267.6	6.9%	3	6	3	2	0	0	14
Smith Hollow Creek	107.5	9.1%	0	1	2	3	0	0	6
Indian Brook	320.8	9.7%	1	1	4	3	1	0	10
Winooski River	914.3	17.4%	4	5	2	6	8	0	25
Sunderland Brook	605.8	18.3%	1	3	4	4	5	1	18
Total	2,726.9	8.90%	35	41	29	21	15	1	142

Impervious Surface

Subwatershed Impervious Surface

- <1%
- 1% - 5%
- 5% - 10%
- 10% - 20%
- 20% - 50%
- 50% - 64%
- Watershed Boundaries

0 0.5 1 Miles

Sources: VCGI: Streams, Roads; UVM: Impervious Surface data

The Impervious Surface data is a product of the Land Cover analysis performed by the Spatial Analyst Lab at the University of Vermont. Object based image analysis was used on the 2004 LiDAR imagery to produce a land cover raster. The land cover dataset was reclassified to extract impervious surfaces. The following classes were assigned to the Impervious class: 'Buildings', 'Roads/Railroads', and 'Other Paved Surfaces'.

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