

Deer River Flow

Survey Date: June 25, 2020, August 18, 2020

Last Surveyed: 2017

Survey Team: P. Bly, S. Aveson, C. Floyd

Lake Description

Deer River Flow is 396-acres and has 4.5-miles of shoreline. It is located in the town of Duane Center, Franklin County and lies in the St. Lawrence watershed. The team launched a motorboat at the public launch, located at the southern end of the lake.

Aquatic Invasive Plant Presence

Dense beds of *Myriophyllum spicatum* (Eurasian watermilfoil) were detected in Deer River Flow in numerous bays and scattered beds of *Myriophyllum spicatum* (Eurasian watermilfoil) were detected in the center. In total, 14 beds of *Myriophyllum spicatum* (Eurasian watermilfoil) were mapped.

Native Plant Biota

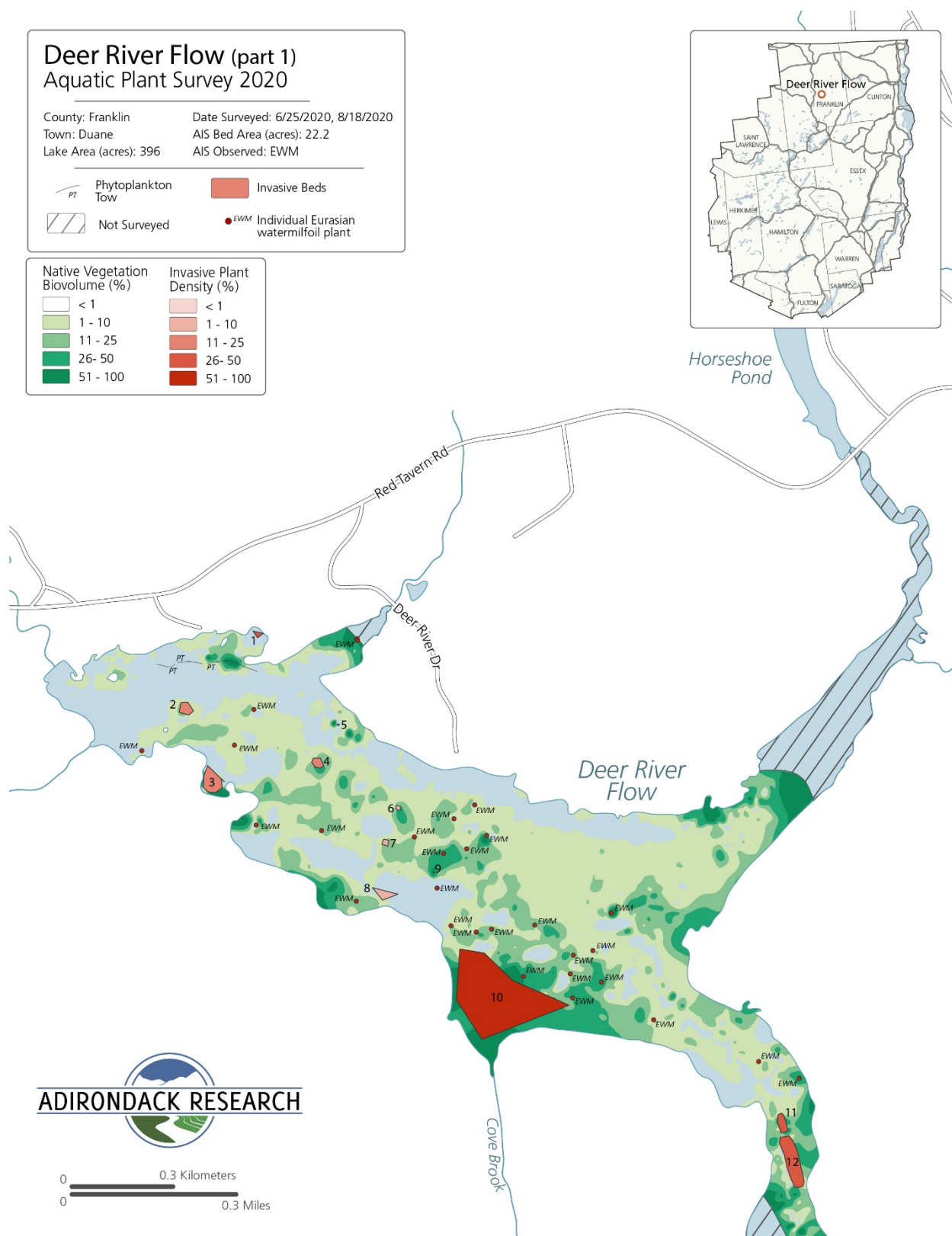
Comprehensive surveys of all native plants found within the reservoir were not prioritized in 2020 as this data had previously been collected in 2017. The following native plants were found: *Nuphar variegata* (spatterdock), *Brasenia schreberi* (watershield), *Nymphaea odorata* (white water lily), *Utricularia macrorhiza* (common bladderwort), and *Sparaganium angustifolium* (narrow-leaf burr-reed).

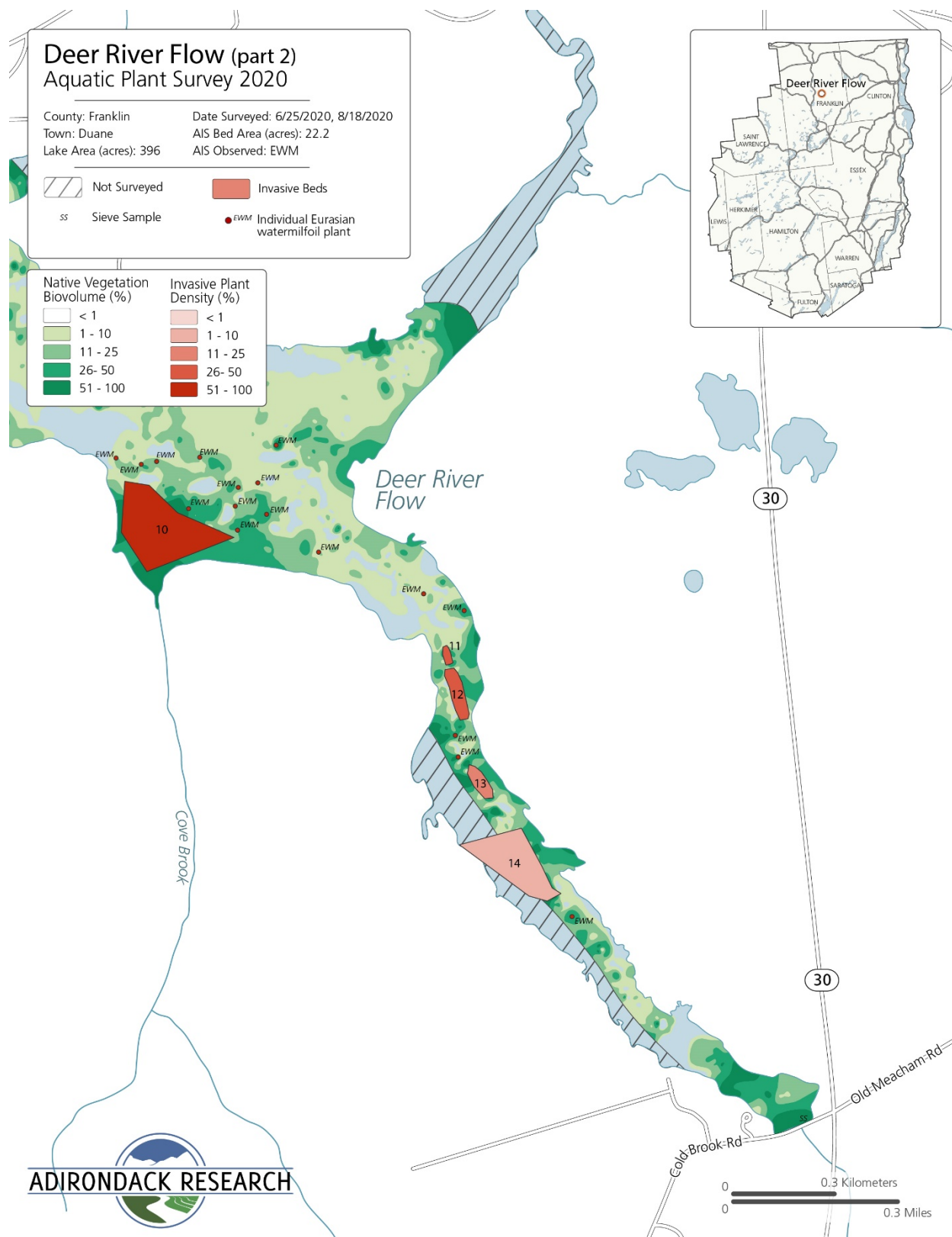
Aquatic Invasive Animal Presence

Sediment sieves were taken to determine the presence of *Corbicula fluminea* (Asian clams). None were found. Three plankton tows were also conducted with no invasive zooplankton detected.

Deer River Flow Invasive Species Percent Cover (See map on adjacent page)

Eurasian Watermilfoil				Eurasian Watermilfoil			
Bed	Size (Ac.)	Size (Sq. Ft.)	% Cover	Bed	Size (Ac.)	Size (Sq. Ft.)	% Cover
1	0.06	2768.83	26-50	9	0.00	56.86	1-10
2	0.27	11902.02	11-25	10	10.94	476743.56	51-100
3	0.74	32353.30	11-25	11	0.29	12588.73	26-50
4	0.18	7998.06	11-25	12	1.44	62671.01	26-50
5	0.01	255.89	1-10	13	0.97	42337.49	11-25
6	0.04	1736.54	1-10	14	6.93	301793.56	1-10
7	0.07	3101.78	1-10	Asian Clam		Spiny Waterflea	
8	0.28	11983.76	1-10	Present (Y/N)		Present (Y/N)	
				No		No	





Deer River Flow (part 1) Aquatic Plant Survey 2020

County: Franklin

Date Surveyed: 6/25/2020, 8/18/2020

Town: Duane

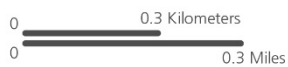
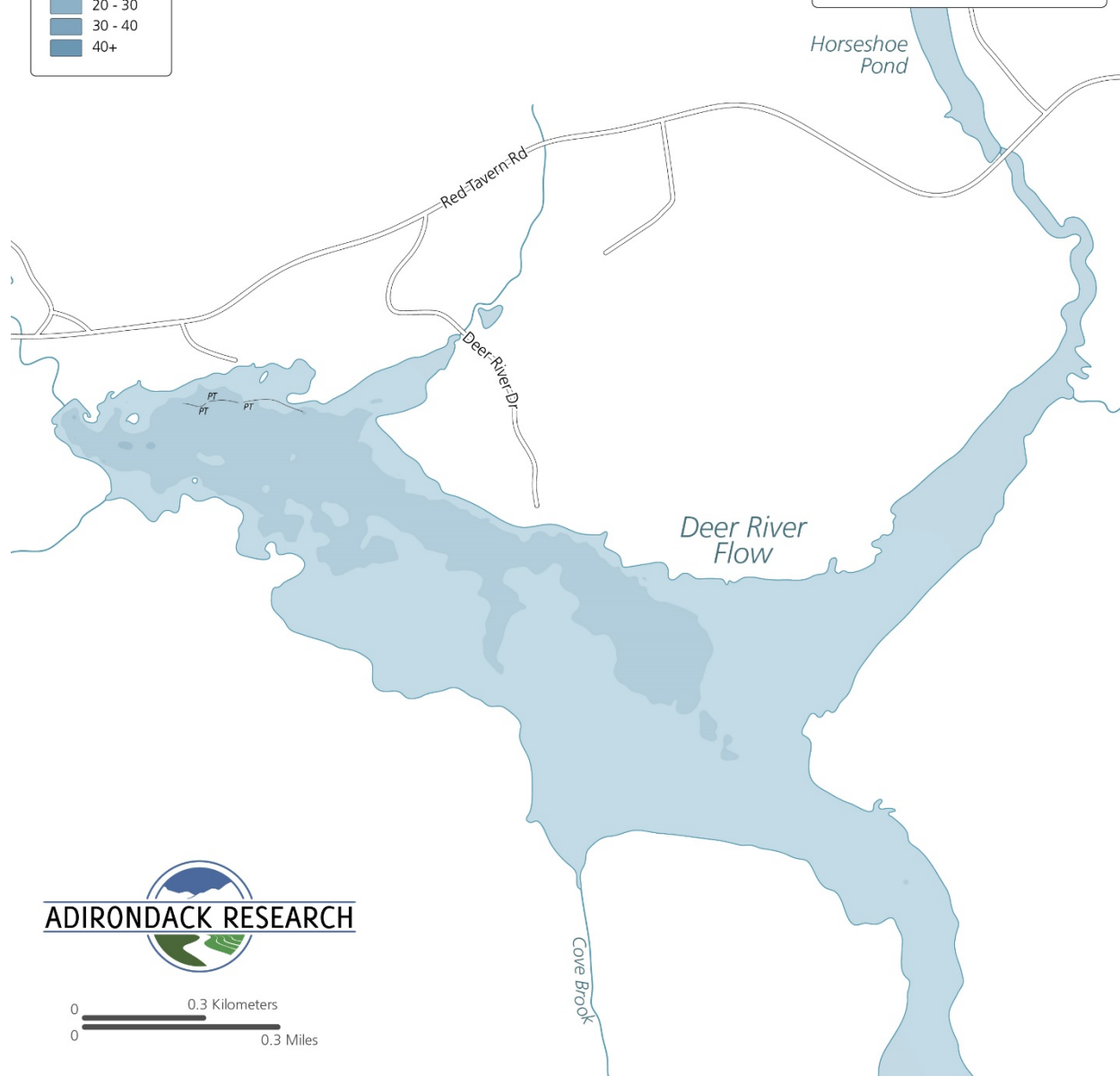
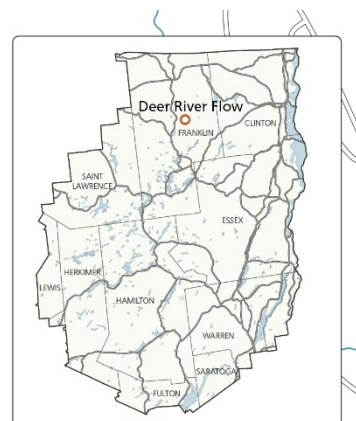
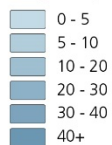
AIS Bed Area (acres): 22.2

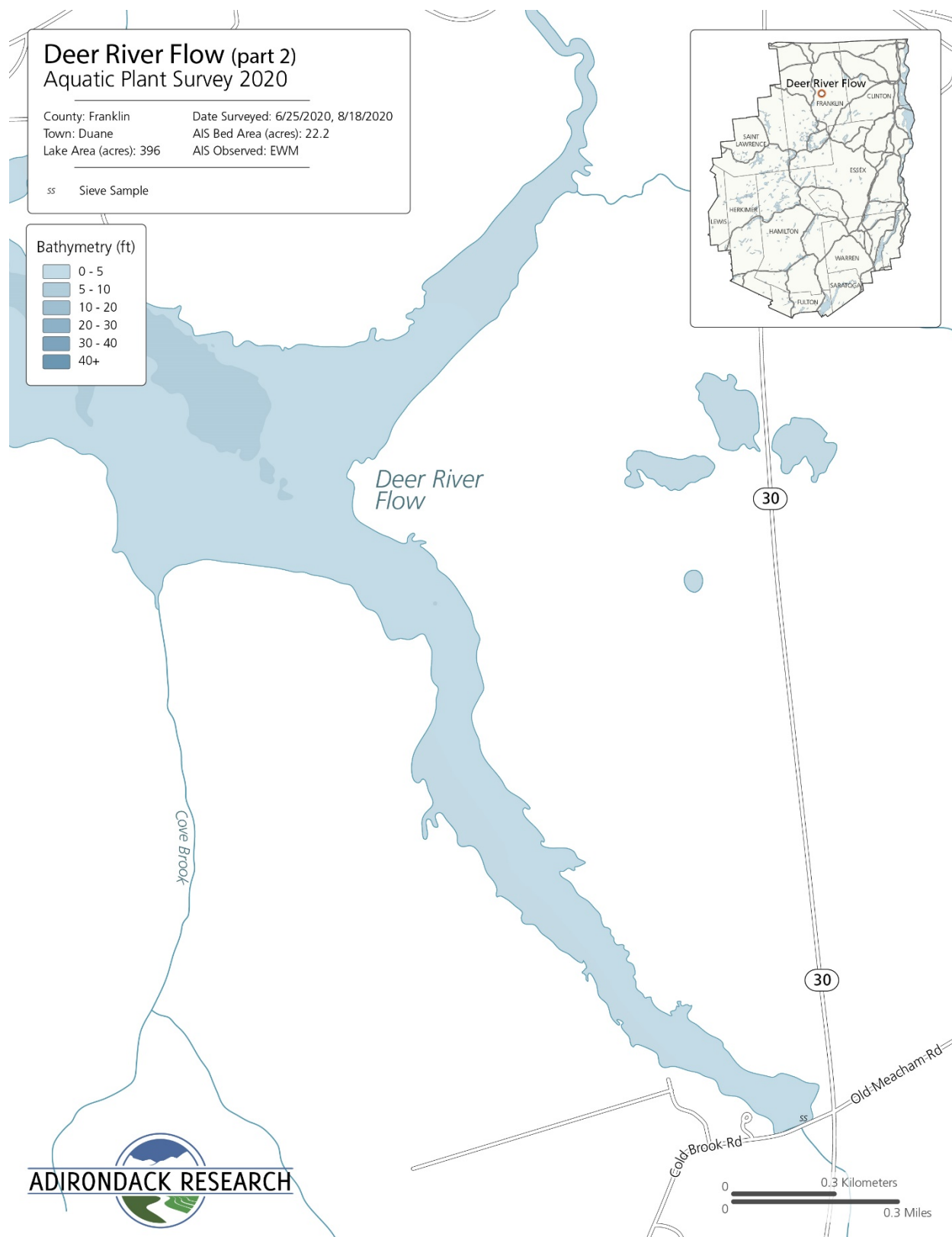
Lake Area (acres): 396

AIS Observed: EWM

PT Phytoplankton
Tow

Bathymetry (ft)





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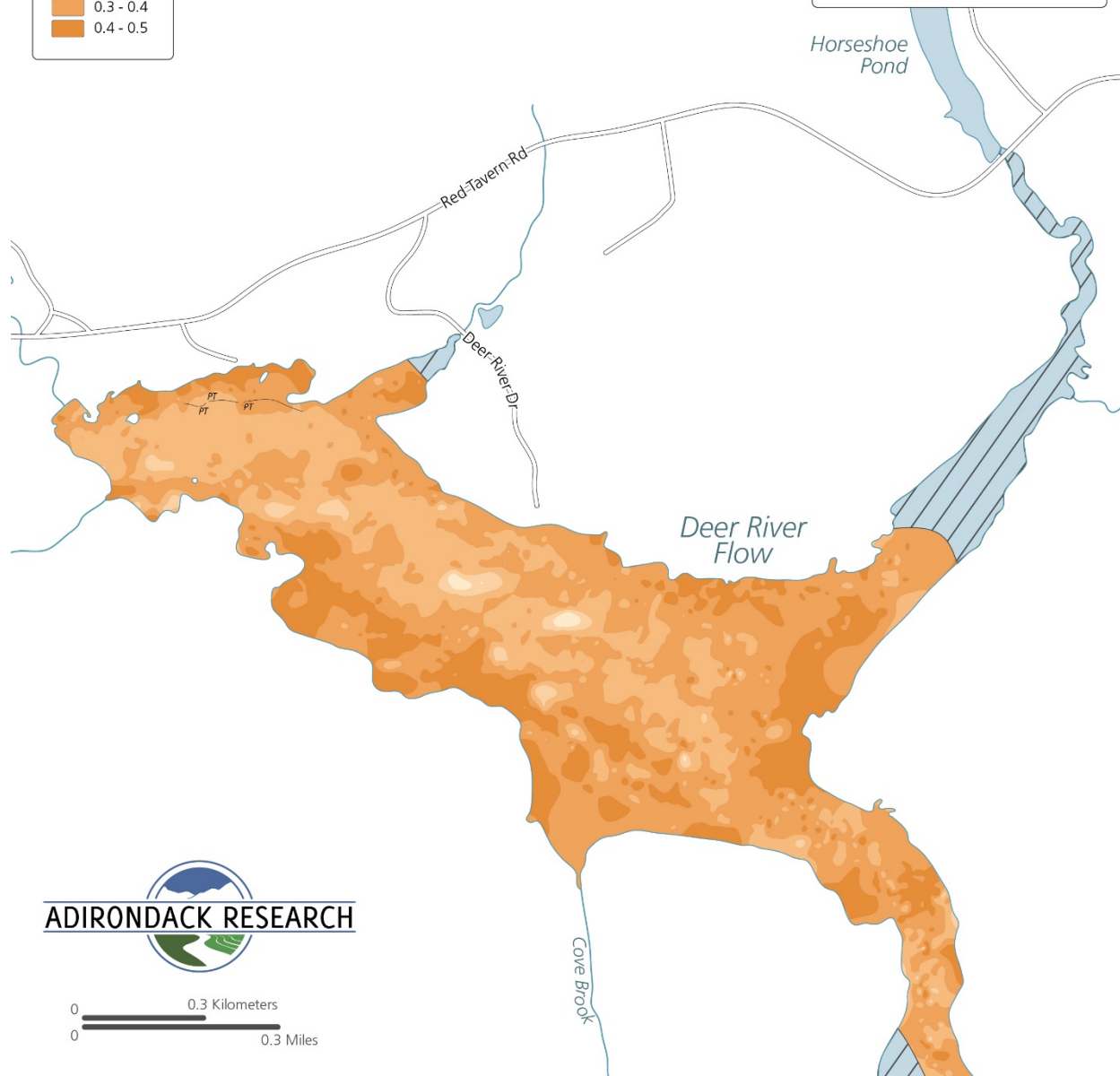
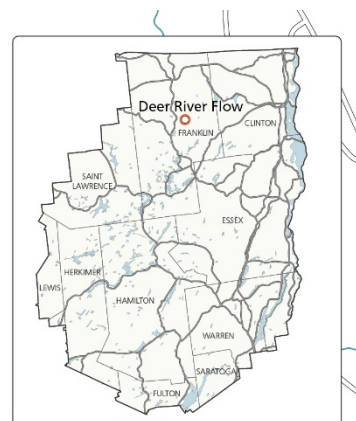
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AIS Observed: EWM

Phytoplankton
Tow

Not Surveyed

Hardness



0 0.3 Kilometers
0 0.3 Miles

