

Payne Lake

Survey Date: August 12, 2019

Last Surveyed: 2016

Lake Description

Payne Lake is 17.75-acre and has 0.89-miles of shoreline. It is located in the town of Watson, Lewis County and lies in the Oswegatchie River watershed. The team launched two canoes off Cleveland Lake Road at a DEC soft launch site.

Aquatic Invasive Plant Presence

No invasive plants were detected.

Native Plant Biota






Comprehensive surveys of all native plants found within the lake were not prioritized in 2019 as this data had previously been collected in 2016. Native species detected include: *Nuphar variegata* (yellow pond lily) and *Eriocaulon* spp. (pipewort).











Aquatic Invasive Animal Presence

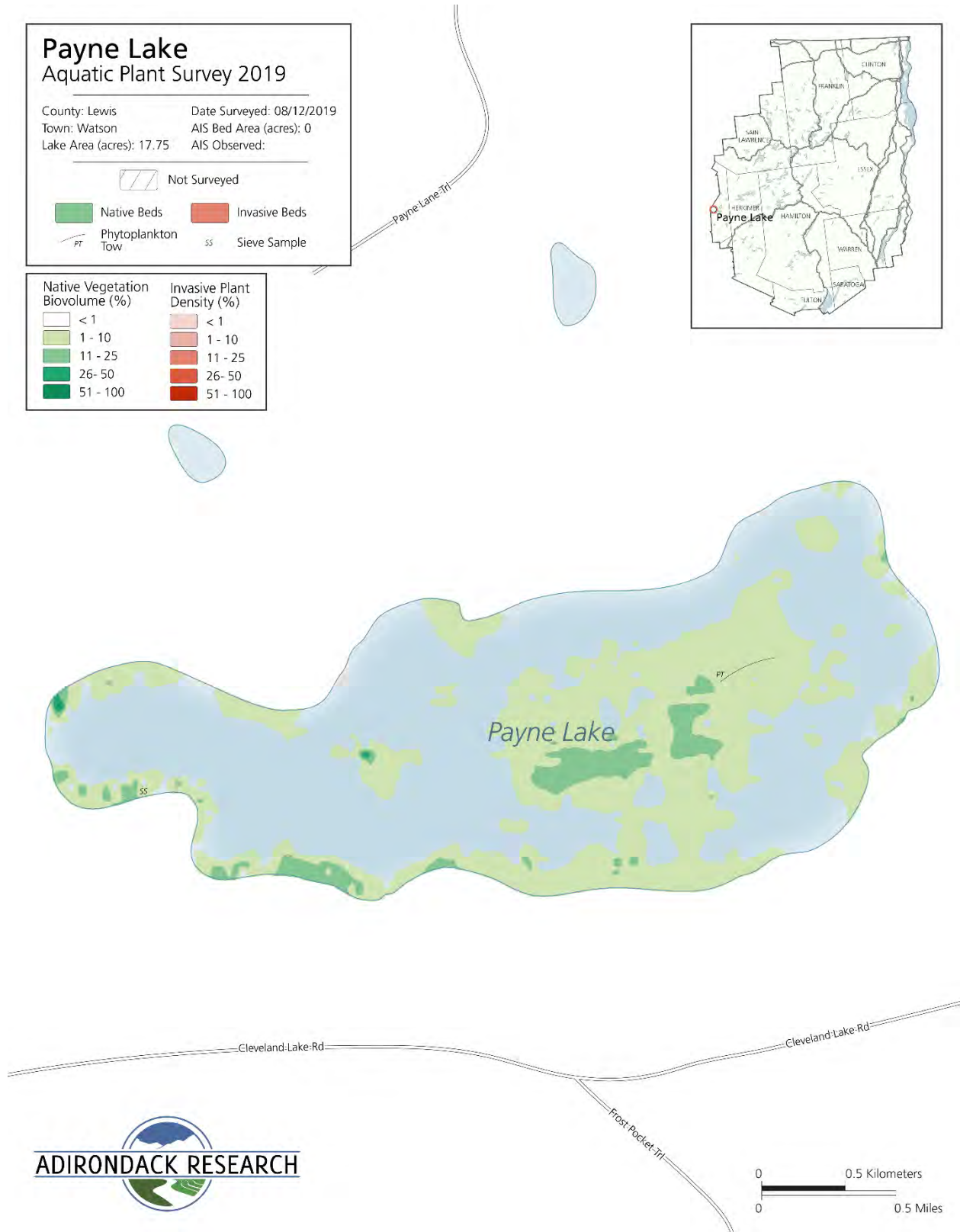
Sediment sieves were taken to determine the presence of *Corbicula fluminea* (Asian clams). None were found. Three plankton tows were also conducted with no invasive zooplankton detected.

Payne Lake
Aquatic Plant Survey 2019

County: Lewis Date Surveyed: 08/12/2019
 Town: Watson AIS Bed Area (acres): 0
 Lake Area (acres): 17.75 AIS Observed:






 Not Surveyed
 Native Beds  Invasive Beds
 Phytoplankton Tow  Sieve Sample

| Native Vegetation Biovolume (%) | Invasive Plant Density (%) |
|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
|  < 1 |  < 1 |
|  1 - 10 |  1 - 10 |
|  11 - 25 |  11 - 25 |
|  26 - 50 |  26 - 50 |
|  51 - 100 |  51 - 100 |








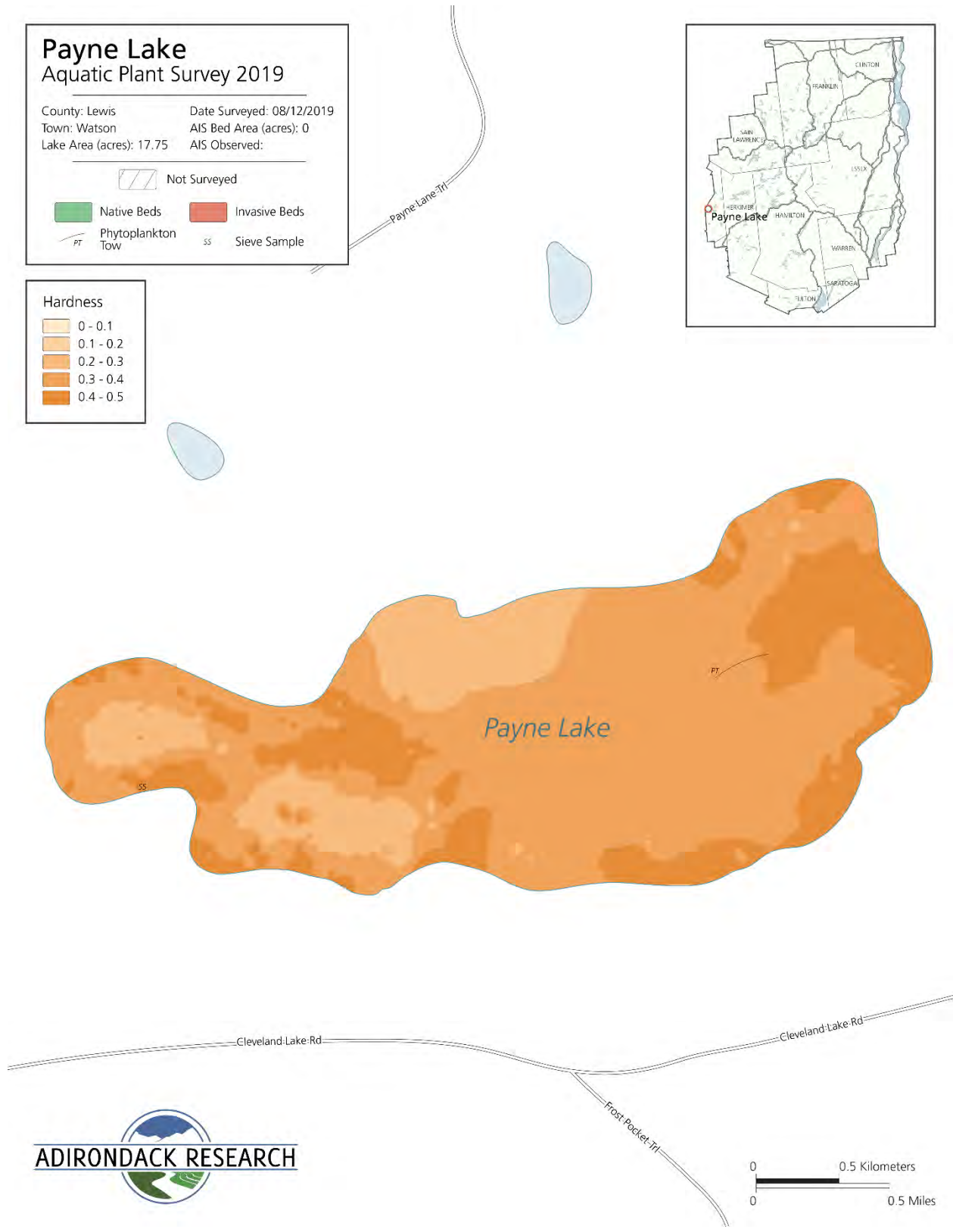
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
Hardness

-  0 - 0.1
-  0.1 - 0.2
-  0.2 - 0.3
-  0.3 - 0.4
-  0.4 - 0.5









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Bathymetry (ft)

-  0 - 5
-  5 - 10
-  10 - 20
-  20 - 30
-  30 - 40
-  more 40

