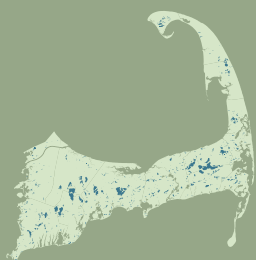


# Yarmouth Ponds Profile

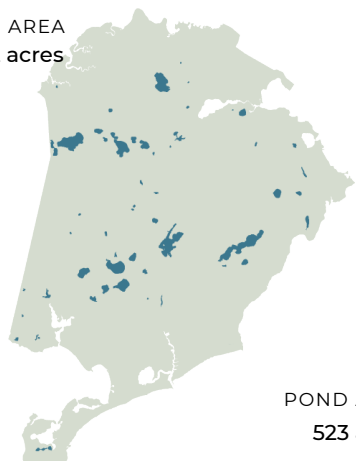
A RESOURCE OF THE CAPE COD FRESHWATER INITIATIVE



Water quality is critical to the vitality of the region's pond ecosystems and coastal embayments. Yet pollutants found in stormwater runoff, and in groundwater by which ponds are recharged, threaten the region's freshwater quality. Understanding the broad issues that impact Cape Cod's freshwater ponds, characteristics of the region's ponds, and actions at the local level all help set a baseline for understanding and action.

## Yarmouth

TOWN AREA  
16,202 acres



POND AREA  
523 acres

3% of total town area is comprised of freshwater ponds and lakes

58  
PONDS

10  
10+ Acre  
Ponds

27  
Named  
Ponds

7  
ACRES  
Average  
Pond Size

19  
FEET  
Average  
Pond Depth

1 Fish Stocked  
Ponds

8 Ponds Adjacent to  
Cranberry Bogs

0 Ponds that Cross  
Town Boundaries

5 Ponds with  
Public Access

8 State Listed  
Great Ponds

13% Impervious Surfaces  
in Pond 300ft Buffer

10 Ponds with Coastal  
Plain Pondshores

19 Ponds with Rare  
Species Habitat

### Pond Monitoring

Of the town's 58 ponds, 0 have three consecutive years of recent monitoring data and only 22% of all the ponds have available monitoring data. The data record for this monitoring spans 13 years with an average of 0.4 sampling event at each monitored pond per year.

13 Ponds Monitored

0 Ponds with 3 Consecutive  
Years of Recent Data  
(2016-2021)

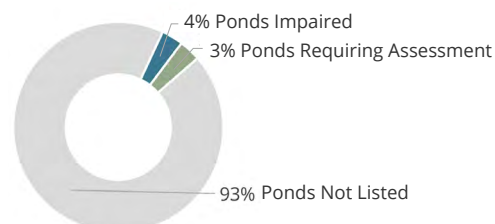
### Water Quality Impairments

A lack of consistent and available monitoring data for all ponds means that we may be underestimating threats to waterbody health.

2 Harmful Algal Bloom  
Advisories Since 2017  
(DPH Reported)

4 Ponds listed on MassDEP's Draft  
2022 Integrated List of Waters

1 Freshwater Bathing  
Beaches with Sampling  
Failures for Fecal Coliform  
in 2022



### Top 5 Largest Ponds

POND	AREA
1. Long Pond	61.7 acres
2. Plashes Pond	51.7 acres
3. Dennis Pond	48.3 acres
4. Tom Matthews Pond	35.7 acres
5. Horse Pond	30.9 acres

### Top 5 Deepest Ponds

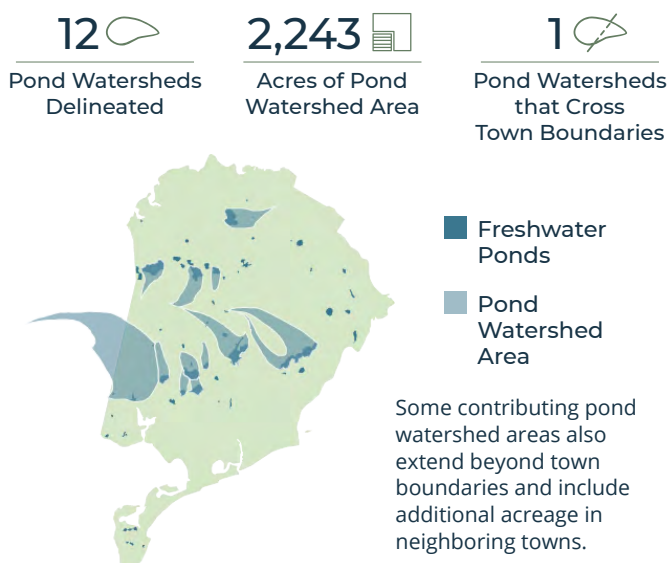
POND	DEPTH
1. Long Pond (South)	30 ft.
2. James Pond	30 ft.
3. Greenough Pond	25 ft.
4. Long Pond (North)	25 ft.
5. Lily Pond	24 ft.

# Yarmouth Ponds Profile

A RESOURCE OF THE CAPE COD FRESHWATER INITIATIVE

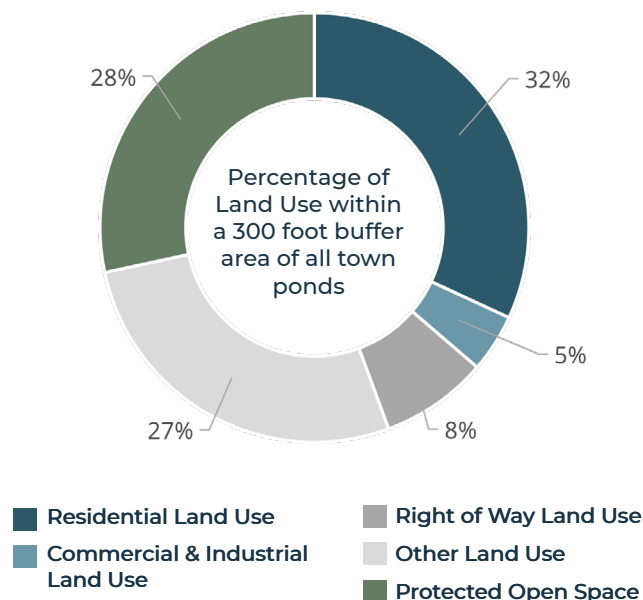
## Pond Watersheds

The land area that contributes to freshwater ponds and lakes is referred to as a pond watershed. Relatively few pond watersheds have been delineated across the Cape. Land area within pond watersheds is much larger than the water bodies themselves. In Yarmouth, **14%** of the town's total land area is within a delineated pond watershed.



## Land Use in Pond Buffer Area

Understanding the way that land is used around our freshwater ponds contributes to a better understanding of potential pond impacts, stressors, and viable strategies to protect or restore pond health. **1,221** acres (or **8%**) of the town's total land area is within 300 feet of a freshwater pond.



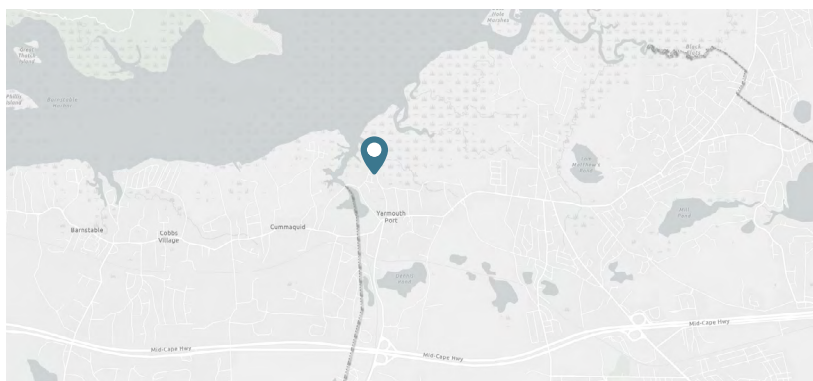
## Documented Town Reports and Actions

There are **0** town or pond specific freshwater reports in the regional dataset.

## Local Pond Organizations

Independent groups, organizing around a single or multiple ponds, voluntarily conduct educational and advocacy efforts and collect water quality monitoring data, which is not always available or sufficient for regional analysis.

There are **0** local pond organizations in the regional dataset.



## Pond Strategies Implemented

Updates and additional projects will be added as information becomes available. Review project details at: [cccom.link/pond-restoration-projects](https://cccom.link/pond-restoration-projects)

📍 Perera Pond, Herbicide Treatment