

HAMPTON COASTAL HAZARDS ADAPTATION TEAM (CHAT)

November 2023 UPDATES & ANNOUNCEMENTS

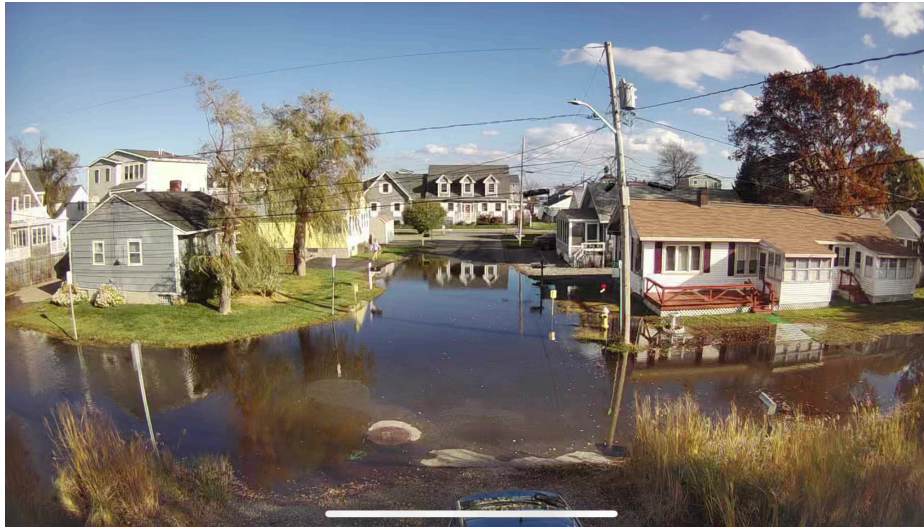
A summary of updates and announcements relevant to flooding, coastal hazards, and coastal planning intended to be shared with Hampton boards, commissions, committees, departments, and the public. Visit <http://shea4nh.org/coastal-hazards-adaptation-team-chat/> for information about CHAT.

- Tom Bassett – Hampton Resident Representative (pdf with images attached)
 - From late-October to mid-November, the Greene St-Meadow Pond-Gentian Rd neighborhood experienced flooding associated with sea level rise, dysfunctional storm drains, and new and full moons. The high tides recorded by the gauge at Hampton Harbor were 0.6' to 0.9' above predicted tides on Oct 28, 29, and 30. The Oct 30 flooding was linked to both rainfall and a full moon tide and resulted in extensive flooding in the neighborhood.
 - NHDES floodwater quality testing results for Oct 30 indicated very high levels of Enterococcus bacteria in the neighborhood's flood waters. Despite Public Advisory signs posted along the street about high levels of bacteria in the floodwaters, people still walk through the water. Moving forward, there is a need to accelerate efforts to reduce flooding in the streets and improve public outreach on health risks of exposure to floodwater.
 - The January 2024 Flood Ready Neighborhood meeting will discuss the challenges of constructing a berm to stop the overflow of water from Meadow Pond to streets.
- Jason Bachand – Hampton Town Planner
 - Mr. Bachand, Ms. O'Brien, and Ms. Hale gave a [presentation](#) about coastal flooding at the Northern New England Chapter of the American Planning Association's annual conference in New Castle on November 7. They shared a short video early in the session to help set the scene for the audience. They also displayed a [story map](#) identifying areas vulnerable to flooding in Hampton.
- Tori Bamford – Hampton Coastal Resilience Coordinator
 - The Voluntary Elevation and Property Acquisition Survey has received 379 responders as 11/22/23. The link to take the survey (or share it with others) is: <https://www.publicinput.com/hamptonfloodsurvey>



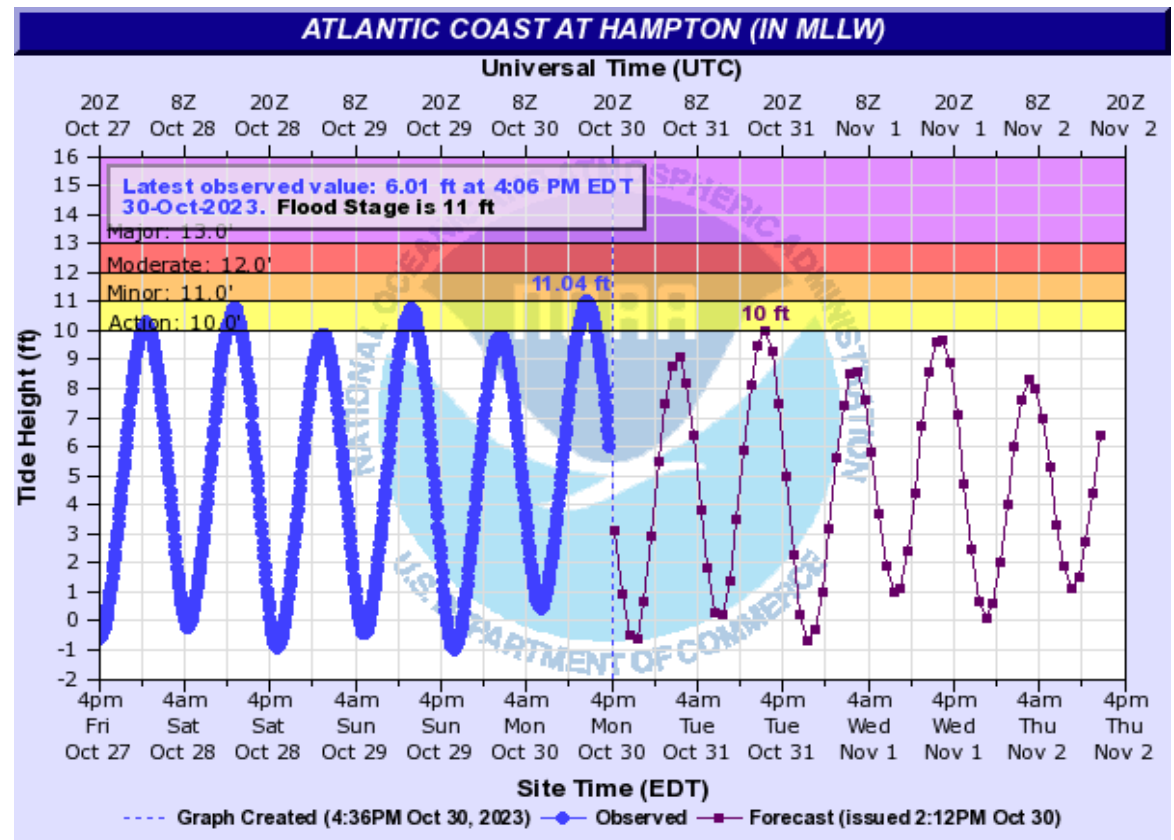
Meadow Pond Neighborhood
Flood Update
November 2023

Oct 28, 2023, sunny-day
flooding



Recorded high tides (chart) are consistently above predicted tides:

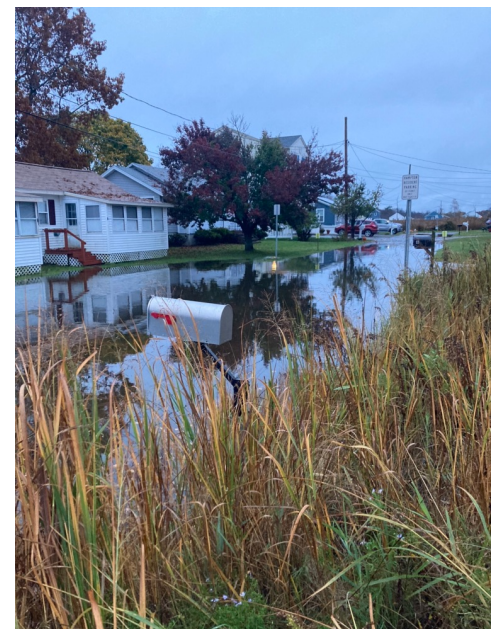
	Pred.	Actual
Oct 28:	10.1'	10.8'
Oct 29:	10.2'	10.8'
Oct 30:	10.1'	11.0'



Oct 30, 2023, storm &
and high-tide induced
flooding



Oct 30 flooding: Gentian Rd and Greene St

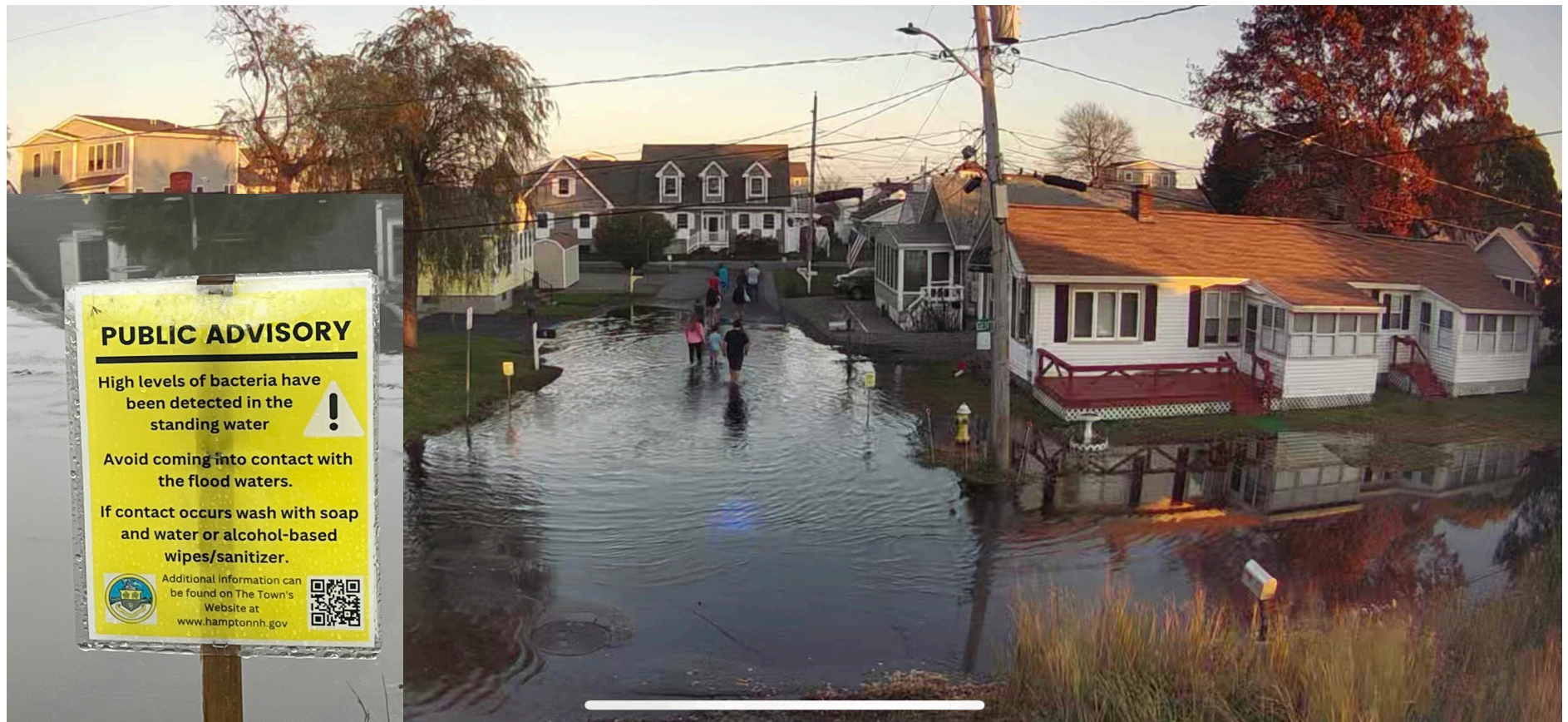


NHDES floodwater quality testing results, October 2023,
Greene St & Gentican Rd, Hampton, NH

STATION_ID	Sample Date	ENTEROCOCCUS MPN/100ML
01-HHT	10/30/2023	2809
02-HHT	10/30/2023	>24,196
03-HHT	10/30/2023	14,316
MP-HHT	10/30/2023	not sampled

All sites were well over the secondary contact recreation threshold of 520 cfu

Beach goers walking through contaminated water despite DPW signs indicating health hazard, Oct 28, 2023



Moving Forward

- 1) Chronic flooding + a robust dataset showing high levels of bacteria in flood waters + people ignoring DPW signs demonstrate the need to
 - a) accelerate efforts to reduce flooding in our streets
 - b) improve public outreach on health risks of exposure to flood water
- 2) Jan. 2024 Flood Ready Neighborhood meeting will discuss the challenges of constructing a berm to stop the overflow of water from Meadow Pond to streets.