HAMPTON COASTAL HAZARDS ADAPTATION TEAM (CHAT)

AUGUST 2022 MEMBER UPDATES & ANNOUCEMENTS

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.

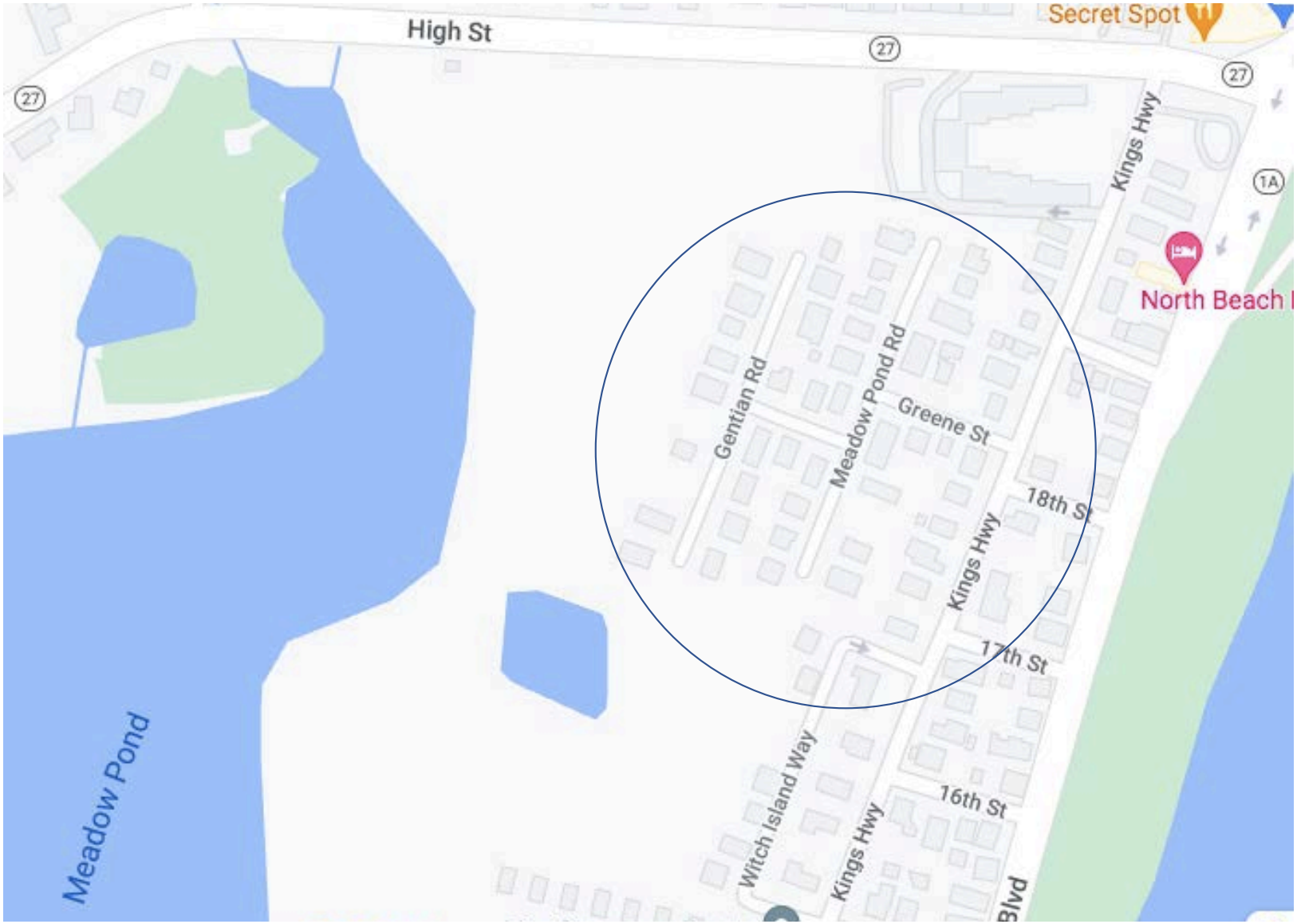
- Resident Representative Tom Bassett shared new flood photos from flooding in August in his neighborhood (attached). During the week of August 9th – August 15th, tides reached over 10 feet every day. Sunny day flooding occurred on four of these days (Aug 10-14) on Greene St. and Gentian Rd.
- The Town continues with the Master Plan update. The consultant is currently in the writing phase.
- Town Planner Jason Bachand will present the floodplain ordinance audit to CAW talks on August 25, 2022.

CHAT's mission is to evaluate, assist, support, educate, and advise on current and future coastal flooding adaptation strategies for the Town.

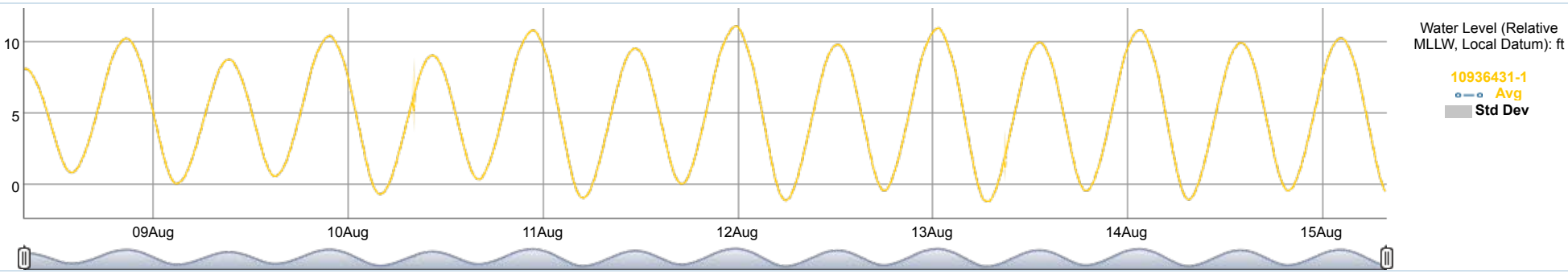
CHAT is comprised of representatives from boards and commissions in Hampton, Town of Hampton staff, Hampton Beach Area Commission, Hampton Beach Village District, the Seabrook-Hamptons Estuary Alliance (SHEA), and resident representatives. CHAT is supported by the New Hampshire Department of Environmental Services Coastal Program and a meeting coordinator and administered by SHEA.

High Tide Flooding on Greene St & Gentian Rd, Hampton, N.H. August 11-14, 2022

Greene St-
Meadow Pond-
Gentian Rd
neighborhood,
North Beach
district of
Hampton, NH



Hide tides rose above 10’ every day, August 9-15



Source: Hampton Tide Gauge

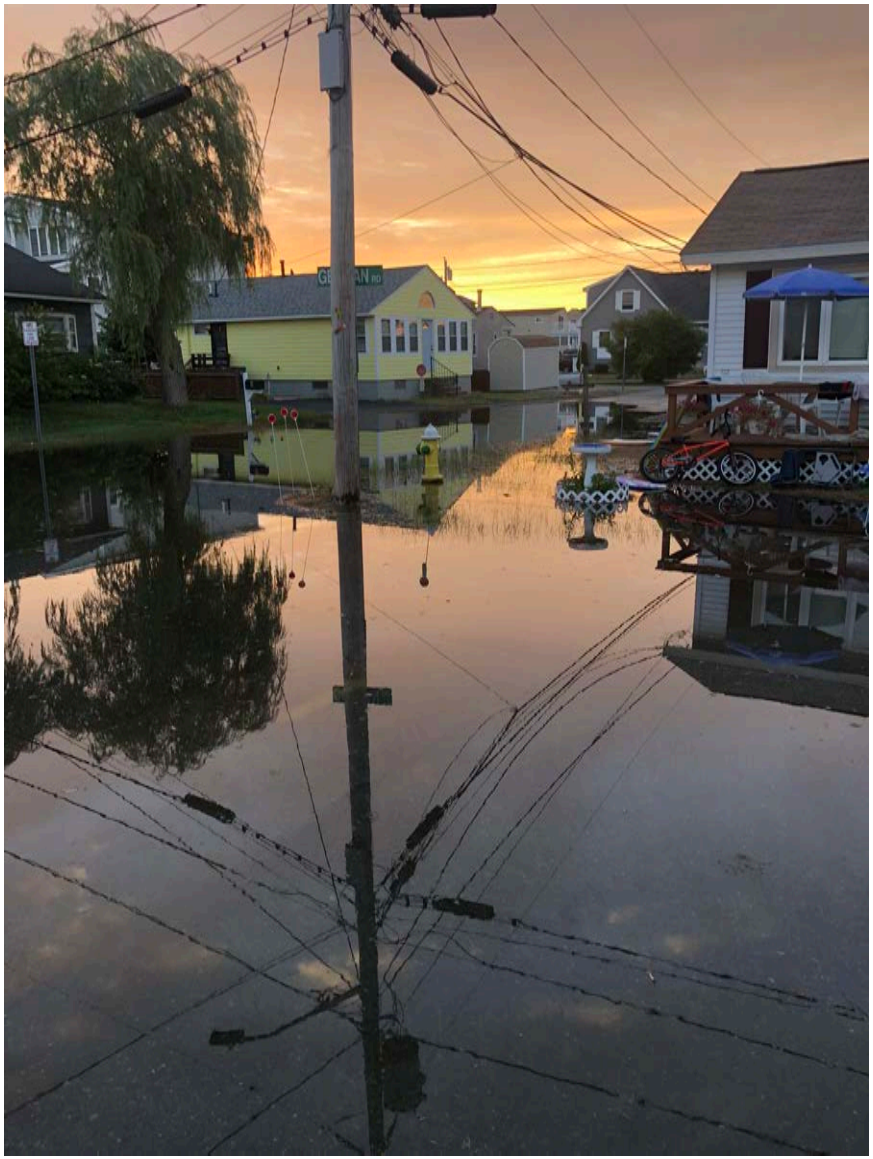
High Tides, Rainfall, & Flooding, Greene St-Gentian Rd
Hampton, NH August 10-14, 2022

	High Tide (MLLW)		
Date	Predicted (NOAA)	Observed (Hampton Tide Gauge)	**Rainfall**
9-Aug	9.8	10.25	0
10-Aug	10.1	10.41	0
11-Aug*	10.4	10.81	0
12-Aug	9.0	11.11	0
13-Aug	10.4	10.97	0
14-Aug	10.3	10.84	0
15-Aug	9.9	10.26	0

Sources: US Harbors, Hampton Tide Gauge, Weather Underground flooding * full moon

August 11
7:20 a.m.

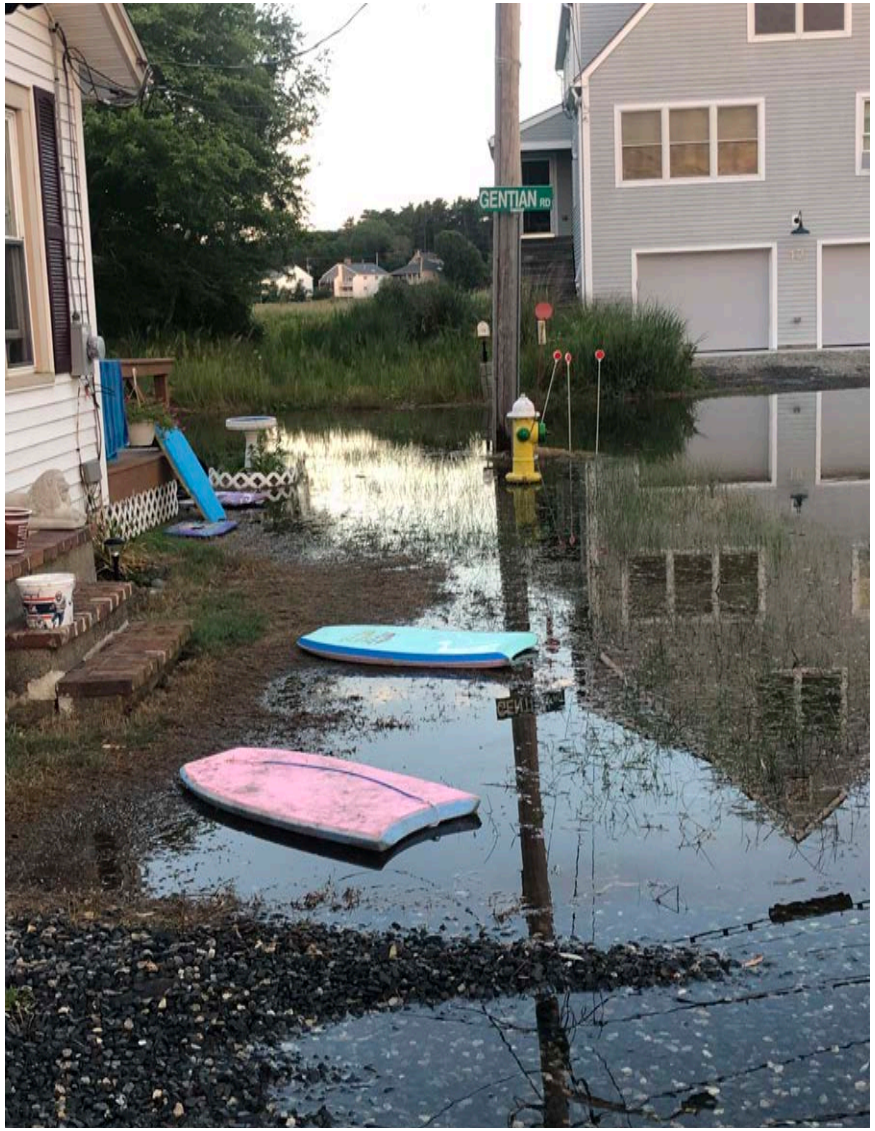
Wet pavement shows extent of early morning flooding



August 12
6:00 a.m.

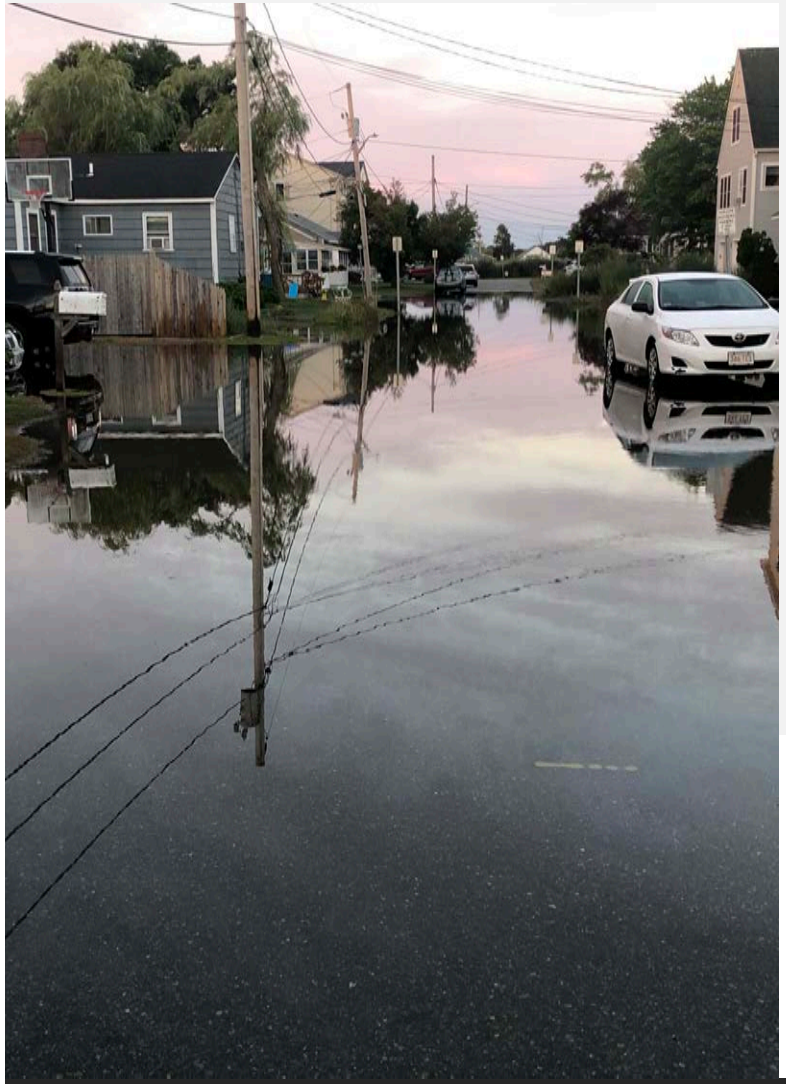
←Greene St &
Gentian Rd

Gentian Rd →



← Greene St & Gentian Rd intersection

Gentian Rd storm drain →



Changing tide &
flood conditions
Gentian Rd

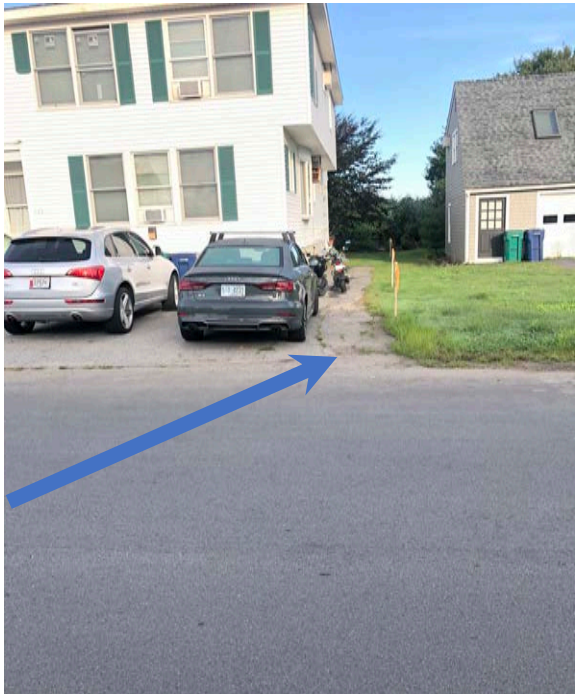
August 12

← 6:00 a.m

12 noon →

← Dry conditions on High St and Meadow Pond Rd

Resident noted paved over storm drain, 124 King's Highway (and 13th St)



August 13, 2022

6:15 a.m.

August 14, 2022

7:00 a.m.