NRAB Draft Minutes 8/26/2020

Attending: Laura Hewitt, John Duane, Jim Falcone, Tom Slack, Tom Flynn, John Riehl (Chair)

> Call to order 4:05 pm

> Add updates to agenda

> Updates

> Ponds GUPACA meeting, JRiehl & L Hewitt attending

APCC tests show all Wellfleet Ponds at low cyanobacteria risk

Fertilizer run-off a significant cyano- risk factor

No ponds general testing for two years; Chair authorized to contact CCNS

To support testing need

> Hawes Pond needs restoration; Chair authorized to support this project at

BoS and DPW; eels breeding ground

> JRiehl reported that N Civetta is also Eels Constable; eelets are common in the

Herring River in the Spring; a count program may be useful

> Harbor Management Plan (HMP):

- Access. J Falcone outlined broad charter of new committee; process

to add members underway

- General Access plan. J. Riehl proposed including summary of NRAB access

survey and outstanding actions in HMP; draft for next meeting

- Climate Change. J. Riehl noted that major sea-level rise will occur after

2030; storms remain an issue. Extensive monitoring is needed: marsh

Elevations, marsh vegetation, ground-water levels (affects septics), shore

line erosion’ etc.

Major Town effort underway with Shoreline Resilience Project, H. Lemos in

Charge

- Shellfishing. L. Hewitt outlined some key topics:

- current stats on usage by area and species

- summary of access points - public and private

- impact of global warming

    - water temp rise, bacteria issues etc

- species issues

- impact of dredging

- enabling population health

- projections for next 10 years

    - deeper water usage

    - greater diversity and health of species

         - clams,quahogs, scallops, oysters, blood clams, razor clams, surf clams?

- microplastics - now and future

     - flushing?

Also need to consider effect of warmer waters: genetic diversity, lass crowding

Long discussion about plastics; support for SAB efforts to reduce plastics in

Wellfleet Harbor; inconclusive discussion about micro-plastics

Recommend joint meeting with Shellfish Constable and SAB (J Duane, L Hewitt)

> Dredging

Discussion about Thin Layer Deposition (TLD); J Riehl reported that this is

also being studied at in Newbury Great Marsh, more info needed

Interest in studying benefits of resoring Mayo Creek and opening RR dike

> Curley report

Need co-ordination with O Nichols at CCS

Water quality regularly monitored by CCS, terrapins, horseshoe crabs, birds

by Audubon

Shellfish key

> General

Some key projects from 2006 HMP are well underway: CWWPC on N; Herring

River and Mayo Creek; Dredging

> Next meeting late September, mornings best, high tides to help shellfishermen