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