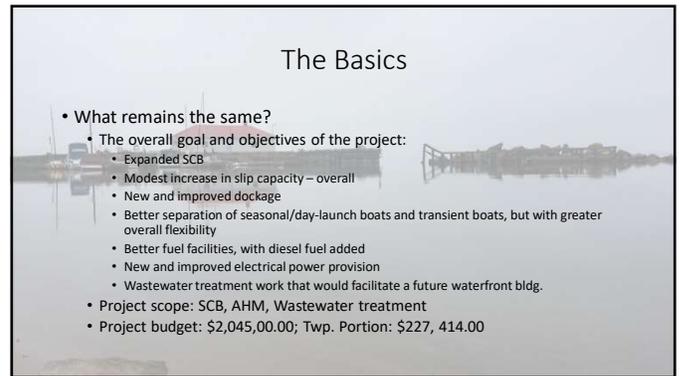
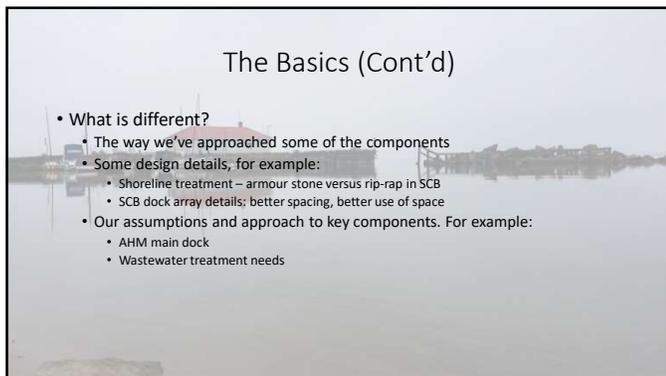


1



2



3



4



5



6

Project Components: Waste Water Treatment

- Taking a Step Back: History/Why it's important
 - Marina WRs/Showers/Pump-outs on holding tank
 - Obviously a serious limitation
 - Desire for a waterfront building & upgraded/expanded public washrooms in the downtown
 - This was an *incentive* for our funders
 - We presented this, in the application process, as a necessary element:
 - Support wastewater in this phase = waterfront bldg. in a subsequent phase = greater economic and community development impact = "more bang" for the funder's buck
 - The flip side: Addressing waste water treatment is, therefore, an *obligation* on our part.

7

Waste Water Treatment (Cont'd)

- Wastewater treatment has become our greatest challenge:
 - Serious limitations in terms of locating treatment
 - Very limited physical space
 - Disparate flow sources – geographically spread across the waterfront area
 - Pump-outs/Existing shower house
 - A future bldg.
 - Existing Old Mill (office and public washrooms) flows

8

Waste Water Treatment (Cont'd)

- Wastewater treatment has become our greatest challenge (cont'd):
 - The actual construction of a new waterfront building is *future phase*
 - The *location* of a new building is still not confirmed
 - Our latest, and perhaps best location is in the parking lot South of the playground
 - This would allow us, *theoretically*, to rebuild and expand the existing Old Mill septic bed and receive anticipated flows other than marina pump-outs.
 - Risk in terms of timing and approvals:
 - We can calculate flows, design & construct a new/expanded system in the existing Old Mill site. Thus meet our funder obligations and expend funds on a legitimate proj. obj.
 - *However*, until a final bldg. design is presented to Public Health/MCEP, there is no guarantee that the system would be approved for all flows. risk increases (?) with a longer lag between system design/install, and bldg. completion.

9

Other Project Considerations

- The rapid rise in water level
 - Shoreline erosion
 - most significant impact in front of the Old Mill
 - Also by the Anglican Church
 - Deterioration of the approach to the AHM
 - We have to treat these, currently, as *unbudgeted items*
 - The reality is that we don't know where the water level is headed. The cyclical change in water level is normal. The speed of the rebound in Great Lakes water levels is *not* normal
- Parking!
 - We recognize that we must address parking for the SCB, and in the Old Mill Rd. & Henry St. area in general
 - This will develop as other plan/design elements become finalized

10

Timeline

- Refer to the PDF timeline
- We are, as of August 30, on schedule

11

KAGWONG WATERFRONT DEVELOPMENT PROJECT

• Questions/Discussion

12