Town of Brunswick, Maine
PLANNING & DEVELOPMENT
85 UNION STREET
BRUNSWICK, ME 04011

MARE BROOK WATERSHED PLAN STEERING COMMITTEE
ROOM 206
85 UNION STREET
THURSDAY, SEPTEMBER 22, 2022 AT 12:30 PM

THERE IS AN OPPORTUNITY TO ATTEND THIS MEETING IN PERSON OR VIEW THE MEETING VIA ZOOM

HOW TO WATCH AND COMMENT VIA ZOOM

Please click the link below to join the webinar:
https://us02web.zoom.us/j/84916218359?pwd=S1lOUllHbUkvMWFOaHhWM21mWnltQT09
Meeting ID: 849 1621 8359
Passcode: 51Jasm

THE PUBLIC MAY PROVIDE COMMENT VIA EMAIL (bskordas@brunswickme.org) PRIOR TO THE MEETING OR THEY MAY PROVIDE LIVE COMMENT AT THE MEETING VIA ZOOM OR IN PERSON.

1. **Call to Order**

2. **Housekeeping**
   - **a)** Review SharePoint folders
   - **b)** Subcommittee signups
   - **c)** Chair and vice chair?

3. **319 grant follow up**
   - **a)** DEP awarded full funding request (150k)! For the following sites to be addressed: Site Cul02, Cul 15, Cul 18, and Out20
   - **b)** Not to begin work until contract finalized, hopefully by January 2023, (review process with DEP and EPA)

4. **H&H Study update**
   - **a)** Continuously recording water levels at 5 locations from July 8th- end of Oct
   - **b)** Survey work on culverts completed (using the survey information to update the model so that culvert crossings are represented as accurately as possible. The

surveyors also took elevations of the water level readers so that GEI can convert the recorded depth measurements into elevations and ultimately estimate flow.)

c) GEI working on incorporating tide cycles at the downstream end of the model, they created a figure showing our recorded water level elevation at Liberty crossing and compared it to tide data recorded by a tide gage in Portland Harbor. There was great agreement with the recoded peak elevations compared to the tide data in Portland. Notice how high tide is slightly delayed at the Liberty Crossing culvert compared to the tide gage. This makes sense because the gate at Liberty Crossing is about 1 mile inland, so we would expect some delay for the tides to reach that far upstream.

d) GEI has started to develop the 2-D HEC-RAS model and are currently in the process of performing sensitivity testing of key model parameters.

5. Other business