

Summary of LPC SLR/Flooding Workshop 1 Dec 2020

- Good Attendance ~65 people including the LPC, MCC and BPW
- Presentation are available on the City EB site under:

<https://www.ci.lewes.de.us/321/2020-Water-Workshop>

Take away with respect to impacts to the BPW

- SLR should be considered in new infrastructure including SWM
- We should evaluate the elevations of the SW Discharge points relative to SLR
- Precipitation data used for SWM (1/10/100 year) under represents the current condition, let alone the future conditions. In the last 10 years we have had 4 - 10-year 24hour rainfalls, the probability of this being a random is extremely low
- In addition to the precipitation data not representing the current conditions, they do not take into account the changes in precipitation from Climate Change
- SWM Facilities, while not directly the responsibility of the BPW, are an area of risk.
 - SCD is an implementing organization and not a regulatory authority
 - DNREC is the regulatory authority and determines the regulation that SCD implements
 - SWM is based on 1/10/100 year precipitation data, which is not reflective of the current or future conditions
 - There is NO requirement to consider SLR in SWM design
- Municipal Separate Storm Sewer System (MS4)
 - Coastal region will start to be implemented in 2021 based on census and other data
 - The first phases include mostly inventory and survey data, plan development, Ordinance development, and public education
 - MS4 relies mostly on source control and not on discharge treatment, for example:
 - Street sweeping
 - Cleaning out SW basin
 - Public education
 - BPW and City are in pretty good shape, may need some Regulation/Ordinance updates but no major cost items