



Port Penn Flooding Mitigation and Sea Level  
Rise Adaptation Study-Public Meeting  
November 17, 2015



# Project Summary

- New Castle County received funding from the Delaware Department of Natural Resources and Environmental Control (DNREC) to undertake a comprehensive evaluation and plan to address existing flooding impacts in Port Penn.
- This Project is being lead by:
  - New Castle County Department of Land Use
  - Michael Baker International



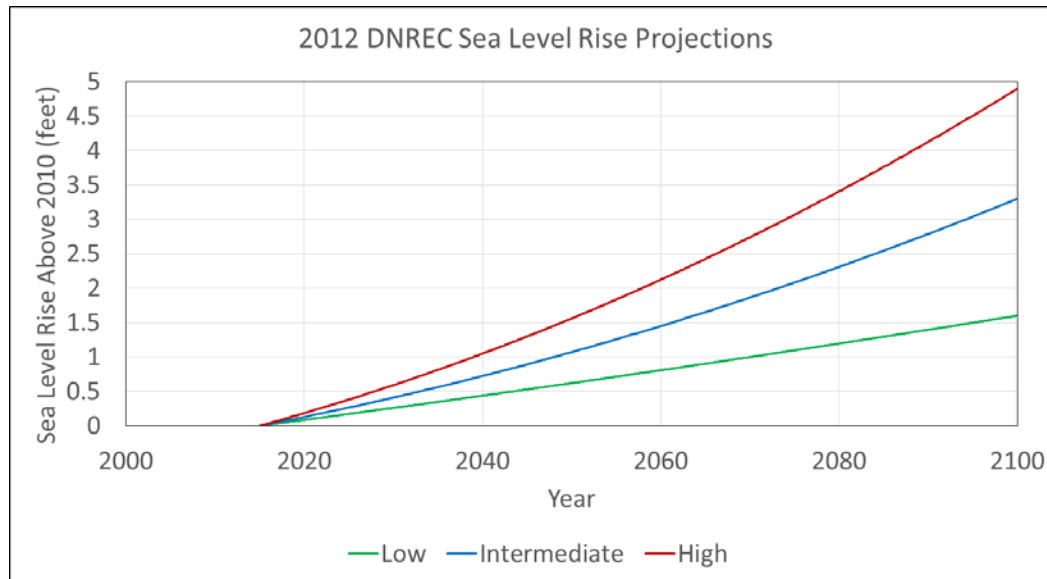
# Project Summary

- This project will be completed through three separate tasks:
  - **Existing Conditions Assessment**-assess and evaluate existing hydraulic infrastructure and conduct Stakeholder meeting.
  - **Vulnerability Assessment**-assess medium and long term vulnerability of Port Penn.
  - **Mitigation Options, Resiliency Measures, and Summary of Findings**-develop mitigation options and conduct a public workshop to obtain Stakeholder feedback.



# Project Summary

- Vulnerability Assessment Scenarios:
  - 15-year (2030) and 30-year (2045) planning horizon
  - High tide, 10-year, and 100-year storm events
  - Sea Level Rise projections from 2012 DNREC Report
    - Chose high scenario: +0.66 ft. by 2030, +1.31 ft. by 2045



Sea level rise  
projections  
from 2012  
DNREC Report



# Purpose of Public Meeting

- The focus of this meeting is to:
  - Set the stage for planning efforts
  - Solicit input from the community related to existing conditions.
  - Identify challenges and explore opportunities for increasing resilience in Port Penn.

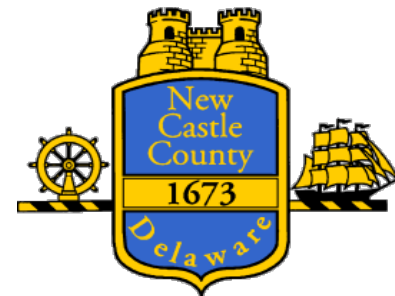


# Project Schedule

- Project kickoff- *October 26, 2015*
- Public Meeting- *November 17, 2015*
- Existing Conditions Report- *December 2015*
- Vulnerability Assessment Report- *February 2016*
- Public Meeting- *March 2016*
- Final Report on Mitigation Options- *March 2016*



# Port Penn Field Visit November 10, 2015



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# What's Next?

- We want to hear from you!
  - Map Stations
  - Comment Forms
  - Dialogue

Any initial questions?

