

# Barnegat Bay Sampling

Bob Schuster

NJDEP, Water Monitoring & Standards  
Bureau of Marine Water Monitoring

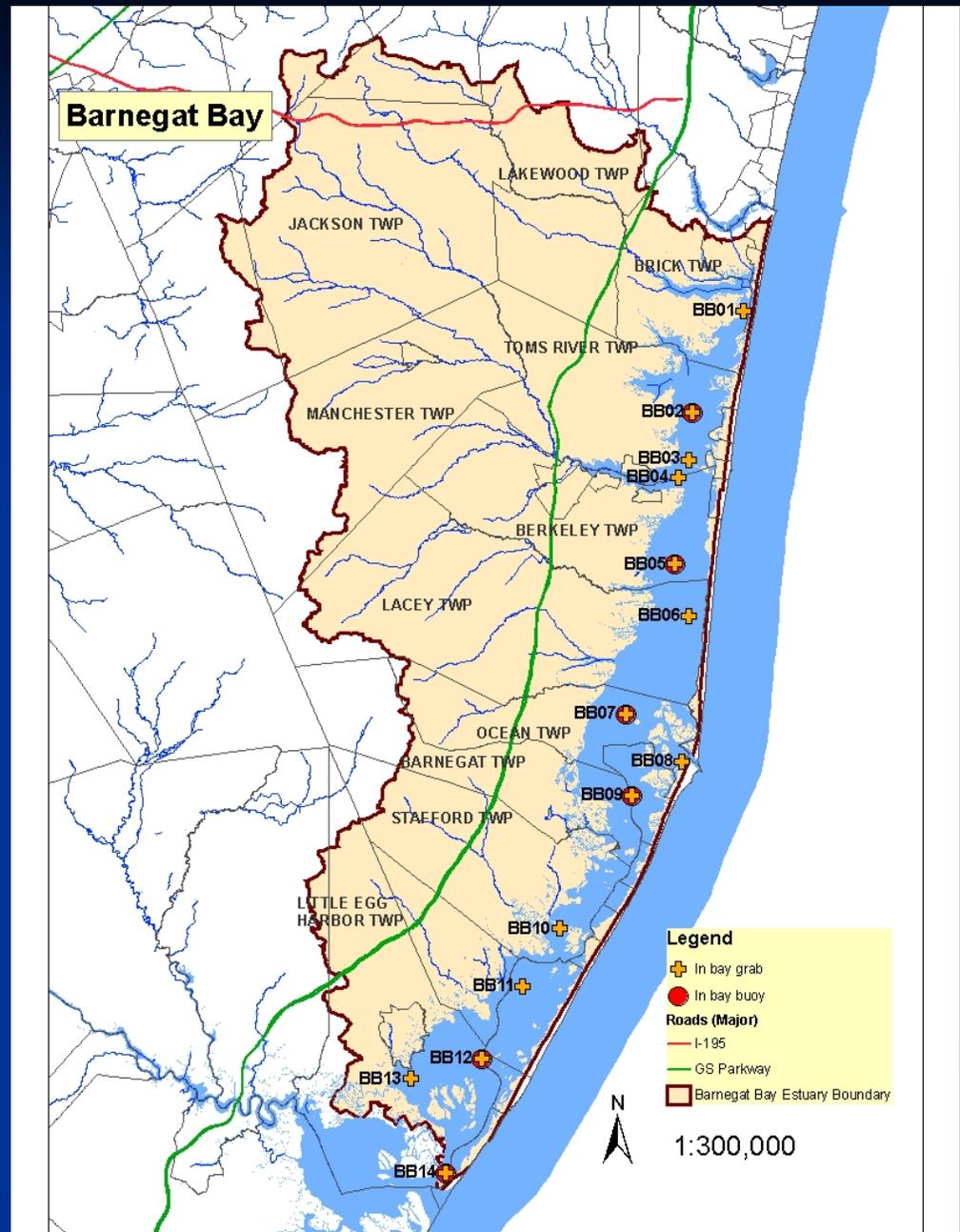
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# Barnegat Bay Sampling

- Bay sampling performed by Monmouth University (4 stations), USEPA Region 2 (4 stations), and NJDEP Bureau of Marine Water Monitoring (6 stations)
- 7 Sampling Events have been completed

- In Bay Water Quality
  - 1 fixed continuous WQ monitoring station at Mantoloking
  - 4 to 6 (phase 1/phase 2) in bay continuous water quality buoys
  - 14 in bay water quality grab sample locations



# In Bay Water Quality Locations

Project ID	Site Description	Type: Grab/ Buoy/Fixed	Long	Lat	Site Reference ID
BB01	Barnegat Bay at Mantoloking	G,F (B?)	-74.052222	40.040000	USGS-01408168; MU-Mantoloking?
BB02	Barnegat Bay between Silver Bay and Goose Creek	G,B	-74.098470	39.9776200	BMWM1622
BB03	Barnegat Bay by Route 37 Bridge	G	-74.101530	39.9481700	BMWM1629B
BB04	Barnegat Bay near the Mouth of Toms River	G	-74.110140	39.9376200	BMWM1623B
BB05	Barnegat Bay above Cedar Creek	G,B*	-74.112910	39.8845600	BMWM1645E
BB06	Barnegat Bay below Cedar Creek and above Forked River	G	-74.102080	39.8526200	BMWM1651D
BB07	Barnegat Bay below Oyster Creek and above Barnegat Inlet	G,B	-74.153190	39.7926200	BMWM1691A
BB08	Barnegat Bay by Barnegat Inlet	G,B	-74.108014	39.7633528	MU-Barnegat Inlet
BB09	Barnegat Bay below Barnegat Inlet and close to Long Beach	G,B*	-74.147920	39.7426200	BMWM1674B
BB10	Barnegat Bay by Route 72 Bridge	G	-74.206530	39.6609500	BMWM1703C
BB11	Barnegat Bay above Westecunk Creek	G	-74.235700	39.6254000	BMWM1719E
BB12	Barnegat Bay in Little Egg Harbor	G,B	-74.268750	39.5815100	BMWM1834A
BB13	Barnegat Bay near Tuckerton Creek	G	-74.324590	39.5690100	BMWM1818D
BB14	Little Egg Harbor Inlet near Beach Haven Heights	G,B	-74.297370	39.5112300	BMWM1824B

# Current Status

- Sampling includes field measured parameters: pH, T, SpCond, salinity, DO, secchi depth, transmissivity.
- At each station 2-2 liter bottles and 2-500 ml bottles are filled for TSS, turbidity, nutrients, and chlorophyll a analysis. One of the added 500 ml bottles is collected for bottom TSS and turbidity measurements.
- Adjusted sampling to support the Office of Science, collect and preserve 2-1 liter bottles at each station for phytoplankton analysis.