

The Monmouth County Board of Health



Judy Thorpe
President

3435 HIGHWAY 9
FREEHOLD, NEW JERSEY 07728-1255

TELEPHONE (732) 431-7456
FAX (732) 409-7579

Christopher P. Merkel, M.P.H.
Public Health Coordinator
and
Health Officer

Phytoplankton Identification/Enumeration Report

Sample ID 071615.1

Coll 07/16/2015 15:30 D Sorensen

5C Port Monmouth and Wilson CCMPMC0046 Middletown, NJ
Bayshore Waterfront Park

Dissolved Oxygen 8.22 mg/l @ 24.1 degrees C

Salinity 19.7 ppt

Diatoms Observed:

Skeletonema costatum (1640cells/ml)
Chaetoceros sp (700cells/ml)
Rhizosolenia sp (400cells/ml)
Thalassiosira sp (120cells/ml)

Flagellates Observed:

Protoperdinium sp (760cells/ml)
Heterocapsa rotundatum (720cells/ml)
Gyrodinium sp (320cells/ml)
Heterosigma Akashiwo (300cells/ml)
Gymnodinium sp (280cells/ml)
Eutreptia sp (220cells/ml)
Prorocentrum sp (140cells/ml)

Other Observation: Moderate Amount of detritus

Field Sampler Observations: Water was Brown and Turbid.

