

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 071315.2
Coll 07/13/2015 6:57 L Charbonneau
2C Front Street CCMPMC0002 Union Beach, NJ

Diatoms Observed:

Skeletonema costatum (3400cells/ml)
Chaetoceros sp (1080cells/ml)
Thalassiosira sp (240cells/ml)
Nitzschia sp (160cells/ml)
Rhizosolenia sp (120cells/ml)

Flagellates Observed:

Heterocapsa rotundatum (1400cells/ml)
Nannochloris sp (920cells/ml)
Prorocentrum sp (520cells/ml)
Gyrodinium sp (200cells/ml)
Gymnodinium sp (120cells/ml)
Dinophysis sp (120cells/ml)

Field Sampler Observations: Water was pale green with light foam.