

Barnegat Bay Long-Term Ambient Monitoring Program Parameter List; 2018

PARAMETER	UNITS	SAMPLE FREQUENCY	ANALYTICAL METHOD
FIELD/ANALYZE IMMEDIATELY PARAMETERS			
Barometric Pressure	mm Hg	Monthly	Field Measurement
Discharge/stream flow	cu.ft/sec	Monthly	Field Measurement
Gage Height	ft	Monthly	Manual/Visual
Oxygen, Dissolved	mg/L	Monthly	SESDPROC-106-R3
Oxygen, Dissolved, in percent of saturation	% sat	Monthly	SESDPROC-106-R3
pH	SU	Monthly	Standard Methods 4500-H
Specific Conductance	us/cm	Monthly	Standard Methods 2510-B
Temperature, Air	°C	Monthly	Field Measurement
Temperature, Water	°C	Monthly	Standard Methods 2550-B
Turbidity	NTRU	Monthly	Standard Methods 2130-B
Salinity	ppth	Monthly	Standard Methods 2510-B
Secchi Depth	feet	Monthly	Manual/Visual
CONVENTIONAL/NUTRIENT PARAMETERS			
Alkalinity	mg/L	Monthly	Standard Methods 2320-B-11
Ammonia (Dissolved) (NH3)	mg/L	Monthly	USEPA 350.1 MOD
Chlorophyll a	ug/L	Monthly	SM10200-H 1+2 MOD
Biogenic Silica	mg/L	Monthly	USEPA 366.0 MOD
Non-Purgeable Organic Carbon (NPOC)	mg/l	Monthly	Standard Methods 5310-C
Orthophosphate	mg/l	Monthly	USEPA 365.5
Nitrite plus Nitrate (NO2-NO3)	mg/L	Monthly	USEPA 353.4
Phosphorus (Total)	mg/L	Monthly	USGS I-4650-03
Total Nitrogen	mg/L	Monthly	USGS I-4650-03
Total Suspended Solids (TSS)	mg/L	Monthly	USGS I-3765-85
BIOLOGICAL PARAMETERS			
Enterococci	cfu/100ml	Monthly	USEPA 1600-14