



Pelican Island

Typical Water Quality Information

PWSID Number: NJ1507008

Area Served: Pelican Island

Where Does My Water Come From?

This system's source water comes from the Englishtown aquifer system, Potomac-Raritan-Magothy aquifer, and upper Potomac-Raritan-Magothy aquifer. Also, bulk transfer of surface water from Jumping Brook Treatment Plant.

Average amount of water supplied to customers on a daily basis

28,000 gallons per day

Parameter	Average or Range	Comments
pH	8.44	
Total Hardness (as CaCO ₃)	108 mg/L	Naturally occurring
Total Hardness (as CaCO ₃)	6.3 grains per gallon	Naturally occurring
Fluoride	mg/L	Naturally occurring and water additive, MCL = 4.0 mg/L
Sodium	32.1-51.6 mg/L	No MCL – Informational only
Iron	ND-0.11	Secondary Standard Limit = 0.3 mg/L

Parameter	Average or Range	Comments
Manganese	ND	
Type of disinfection	Chlorine	
Disinfectant residual level in the distribution system	0.24 to 1.04 mg/L	Max Residual Disinfectant Level Running Annual Avg. = 4.0 mg/L
Lead [90 th percentile result]	1.0 ug/l	Action Level = 15 ug/L
Copper [90 th percentile result]	0.03 mg/L	Action Level = 1.3 mg/L
Nitrate	0.04 mg/L	MCL = 10 mg/L
Arsenic	ND	MCL = 10 ug/L

Definitions

- mg/L – milligrams per liter; one milligram per liter is equal to one part per million, which is approximately the same as 1 second in 11.5 days
- ug/L – micrograms per liter; one microgram per liter is equal to one part per billion, which is approximately the same as 1 second in 31.7 years
- N/A – not applicable
- ND – not detected
- MCL – Maximum Contaminant Level – the highest level of a contaminant allowed in drinking water under State and Federal regulations

For a complete report of your water quality, please refer to the Water Quality Report located on the American Water web site

Inquiries should be directed to our Customer Service Center at 1-800-272-1325