

DEWEY BEACH WATER DISTRICT TEST RESULTS FOR CONSUMER CONFIDENCE REPORT - 2006

Microbiological	Max. Level Detected			MCL	MCLG	Typical source of contaminant
	Violation	and/or Range	Level			
Total Coliform Bacteria	N	0		one positive	0	Naturally present in the environment
Synthetic Organic Chemicals	Violation	Level				
	Detected	Measurement	Unit	MCL	MCLG	Typical source of contaminant
Lindane (sampled 5/12/03)	N	0.039	ppb	0.2	0.2	Runoff from insecticide used on gardens, lumber
Volatile Organic Chemicals	Violation	Level				
	Detected	Measurement	Unit	MCL	MCLG	Typical source of contaminant
Xylene (sampled 9/26/06)	N	0.503	ppb	10	10	Factory
Inorganic Chemicals	Violation	Level				
	Detected	Measurement	Unit	MCL	MCLG	Typical source of contaminant
Copper (see note 1)	N	<0.05	ppm	AL=1.3	1.3	Corrosion of household plumbing systems
Lead (see note 1)	N	0.0096	ppm	AL=15	0	Corrosion of household plumbing systems
Nitrate* (sampled 3/30/05)	N	6.7	ppm	10	10	Runoff from fertilizer use
Fluoride (sampled 3/30/05)	N	< 0.1	ppm	4	4	Water additive which promotes strong teeth
Radiological	Violation	Level				
	Detected	Measurement	Unit	MCL	MCLG	Typical source of contaminant
Gross Alpha (sampled 7/26/04)	N	0.138	pCi/L	15	0	Erosion of natural deposits
Unregulated Inorganic Contaminants (sampled 3/30/05)						
	Violation	Level				
	Detected	Measurement	Unit	MCL	MCLG	
Alkalinity	N	15	ppm			
Chloride	N	21.7	ppm	250		
Hardness	N	9	ppm			
Iron	N	< 0.05	ppm	0.3	0	
PH	N	6.8	std. units	6.5-8.5		
Sodium	N	21	ppm		0	
Total Dissolved Solids	N	124	ppm	500		
Organic Chemicals (sampled 9/26/06)						
	Violation	Level				
	Detected	Measurement	Unit	MCL	MCLG	Typical source of contaminant
Total Trihalomethanes (TTHM)	N	6.16	ppb	80	NA	By-product of drinking water chlorination.
*Nitrate: Nitrate in drinking water at levels above 10 mg/l is a health risk for infants of less than six months of age. High nitrate levels may rise quickly for short periods of time because of rainfall or agricultural activity. If you are caring for an infant, you should ask for advice from your health care provider.						
Note 1: The listed lead and copper concentrations are the 90 th percentile value from samples collected 5/2005.						
The State allows us to monitor for some contaminants less than once a year because the concentrations of these contaminants do not change frequently. Some of our data, though representative, are more than one year old.						
If you have any questions about this report or concerning our water utility, please contact Heather Sheridan at (302) 855-7730.						