

DEWEY BEACH WATER DISTRICT TEST RESULTS FOR CONSUMER CONFIDENCE REPORT - 2004

Microbiological	Max. Level Detected			MCLG	Typical source of contaminant	
	Violation	and/or Range	MCL			
Total Coliform Bacteria	N	0	one positive	0	Naturally present in the environment	
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
Para-dichlorobenzene (sampled 3/8/99)						
	N	0.59	ppb	75	75	Discharge from industrial chemical
Inorganic Chemicals	Violation	Level				
	Detected	Measurement	Unit	MCL	MCLG	Typical source of contaminant
Antimony (sampled 1/6/98)	N	< 3	ppb	6	6	Discharge from petroleum refineries
Arsenic (sampled 1/6/98)	N	<5	ppb	50	na	Erosion of natural deposits
Barium (sampled 1/6/98)	N	<300	ppb	2000	2000	Discharge of drilling waste, metal refineries
Beryllium (sampled 1/6/98)	N	<0.5	ppb	4	4	Discharge from metal refineries
Cadmium (sampled 1/6/98)	N	<0.5	ppb	5	5	Corrosion of galvanized pipes
Chromium (sampled 1/6/98)	N	<3	ppb	100	100	Discharge from steel and pulp mills
Copper (see note 1)	N	0.173	ppm	1.3	1.3	Corrosion of household plumbing systems
Fluoride (sampled 1/20/04)	N	< 0.1	ppm	4	4	Water additive which promotes strong teeth
Lead (see note 1)	N	<5	ppb	AL=15	0	Corrosion of household plumbing systems
Mercury (sampled 1/6/98)	N	<0.5	ppb	2	2	Natural deposits; discharge from refineries
Nickel (sampled 1/6/98)	N	<5	ppb	100	100	
Nitrate* (sampled 1/20/04)	N	6.7	ppm	10	10	Runoff from fertilizer use
Selenium (sampled 1/6/98)	N	<5	ppb	50	50	Discharge from petroleum & metal refineries
Thallium (sampled 1/6/98)	N	<0.5	ppb	2	0.5	Leaching from ore processing
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 1/20/04)						
	Violation	Level				
	Detected	Measurement	Unit	MCL	MCLG	
Alkalinity	N	38	ppm			
Chloride	N	19.2	ppm	250		
Hardness	N	12	ppm			
Iron	N	< 0.05	ppm	0.3	0	
PH	N	6.8	std. Units	6.5-8.5		
Sodium	N	26	ppm		0	
Total Dissolved Solids	N	112	ppm	500		
Unregulated Volatile Organic Chemicals						
		Level				
		Measurement	Unit			
Bromodichloromethane		0.12-0.45	ppb	(Sampled 3/8/99 & 4/29/99)		
Bromoform		4.1	ppm	(Sampled 12/28/04)		
Chloroform		0.00011	ppm	(Sampled 3/8/99 & 4/29/99)		
Chlorodibromomethane		2.19	ppm	(Sampled 12/28/04)		
*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 7/2000.						
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.						