

# DELAWARE VALLEY WATER TREATMENT CORP.

P.O. Box 185, Medford, NJ 08055

609-654-6679

## WATER TREATMENT SERVICE REPORT

ABC Demo  
1100 Schwab Road  
Joe Smith, Chief Engineer

August 25, 2004  
Hatfield, PA 19440

### Water Analysis

[Test / System]	City Water	Tower 1	Tower 2	Tower 3	Control Limits	Inj. Mold Chilled	#2 Chilled	Contact Water	Control Limits
pH	—	8.6	8.0	8.6	8/9	<u>8.5</u>	<u>8.0</u>	<u>7.9</u>	9/11
Total Alkalinity (ppm CaCO3)	50	300	90	210	—	—	—	—	—
Chloride (ppm Cl)	56	156	71	149	—	—	—	—	—
Phosphate (ppm as PO4)	—	5	5	5	5/10	—	—	—	—
Conductivity (mmhos)	265	1289	534	1152	—	745	388	296	—
Total Hardness (ppm CaCO3)	60	350	120	260	—	—	—	—	—
Nitrite (ppm as NO2)	—	—	—	—	—	<u>0</u>	<u>0</u>	<u>0</u>	500/800
Molybdenum (ppm MO)	—	2	<u>0</u>	2	2/4	<u>0</u>	<u>8</u>	<u>0</u>	50/100
Cycles of Concentration	—	<u>4.8</u>	<u>2.0</u>	<u>4.3</u>	5/6	—	—	—	—
Iron (ppm Fe)	—	0	0.3	0	—	—	—	—	—
Calcium Hardness	—	210	156	156	—	—	—	—	—
Bacteria (bacteria/ml.)	—	10 exp2	0	0	—	10 exp2	10 exp2	10 exp2	—
T.D.S.	184	970	382	862	—	—	—	—	—
Ryznar Index	—	5.52	8.01	6.08	—	—	—	—	—
Water Temp (deg. F)	—	80	80	80	—	—	—	—	—

### General Readings

Reading	Today's Reading	No Prior Reading	Change
Domestic Water Meter (cu.ft.)	78910	N/A	N/A
Corrosion Monitor Reading (mils/year)	2.3	N/A	N/A

### Products

Product	Product Supply						
B-100 (Tower Biocide)	Good						
Bromine (Oxidizing Biocide)	Low						
DV-201 (Inhibitor)	Good						
NJ-CN (Closed Loop Nitrite)	Good						
NJ-M (Closed Loop Molybdenum)	5 gals.						