

Date	Measured Quantity of Total Nitrogen (mg/L)	Water Quality Criteria
		<i>Limit = 10 mg/L</i>
04/06/02	6.7	67%
09/09/02	8.2	82%
03/04/03	3.5	35%
09/04/03	9.4	94%
03/03/04	1.1	11%
09/15/04	3.3	33%
04/12/05	6.8	68%
09/07/05	2.5	25%
03/06/06	1.3	13%

Threshold values from CT DEP 2002 Water Quality Standards.

Date	Measured Quantity of Copper (µg/L)	Human Health Criteria <i>Limit = 1,300 µg/L</i>	Freshwater Aquatic Life Criteria	
			Acute <i>Limit = 14.3 µg/L</i>	Chronic <i>Limit = 4.8 µg/L</i>
04/06/02	0.09	0.007%	0.63%	1.88%
09/09/02	0.21	0.016%	1.47%	4.38%
03/04/03	0.13	0.010%	0.91%	2.71%
09/04/03	0.12	0.009%	0.84%	2.50%
03/03/04	0.08	0.006%	0.56%	1.67%
09/15/04	0.21	0.016%	1.47%	4.38%
04/12/05	0.11	0.008%	0.77%	2.29%
09/07/05	0.11	0.008%	0.77%	2.29%
03/06/06	0.06	0.005%	0.42%	1.25%

Note: Threshold values from CT DEP 2002 Water Quality Standards. Human Health Criteria assumes consumption of water and organisms. Acute & Chronic Aquatic Life Criteria is based on 1 hour & 4 day exposure period (respectively).

Date	Measured Quantity of Lead ($\mu\text{g/L}$)	Human Health Criteria	Freshwater Aquatic Life Criteria	
		<i>Limit = 15 $\mu\text{g/L}$</i>	Acute	Chronic
			<i>Limit = 30 $\mu\text{g/L}$</i>	<i>Limit = 1.2 $\mu\text{g/L}$</i>
04/06/02	0.02	0.13%	0.07%	1.67%
09/09/02	0.02	0.13%	0.07%	1.67%
03/04/03	0.02	0.13%	0.07%	1.67%
09/04/03	0.01	0.07%	0.03%	0.83%
03/03/04	0.03	0.20%	0.10%	2.50%
09/15/04	0.03	0.20%	0.10%	2.50%
04/12/05	0.01	0.07%	0.03%	0.83%
09/07/05	0.02	0.13%	0.07%	1.67%
03/06/06	0.01	0.07%	0.03%	0.83%

Note: Threshold values from CT DEP 2002 Water Quality Standards. Human Health Criteria assumes consumption of water and organisms. Acute & Chronic Aquatic Life Criteria is based on 1 hour & 4 day exposure period (respectively).

Date	Measured Quantity of Zinc (µg/L)	Human Health Criteria <i>Limit = 9,100 µg/L</i>	Freshwater Aquatic Life Criteria	
			Acute <i>Limit = 65 µg/L</i>	Chronic <i>Limit = 65 µg/L</i>
04/06/02	1.1	0.012%	1.7%	1.7%
09/09/02	2.1	0.023%	3.2%	3.2%
03/04/03	1.6	0.018%	2.5%	2.5%
09/04/03	1.5	0.016%	2.3%	2.3%
03/03/04	1.8	0.020%	2.8%	2.8%
09/15/04	1.4	0.015%	2.2%	2.2%
04/12/05	0.3	0.003%	0.5%	0.5%
09/07/05	0.4	0.004%	0.6%	0.6%
03/06/06	0.7	0.008%	1.1%	1.1%

Note: Threshold values from CT DEP 2002 Water Quality Standards. Human Health Criteria assumes consumption of water and organisms. Acute & Chronic Aquatic Life Criteria is based on 1 hour & 4 day exposure period (respectively).

Date	Measured Quantity of Mercury ($\mu\text{g/L}$)	Human Health Criteria <i>Limit = 0.05 $\mu\text{g/L}$</i>	Freshwater Aquatic Life Criteria	
			Acute <i>Limit = 1.4 $\mu\text{g/L}$</i>	Chronic <i>Limit = 0.77 $\mu\text{g/L}$</i>
04/06/02	Not Detected	0.0%	0.0%	0.0%
09/09/02	Not Detected	0.0%	0.0%	0.0%
03/04/03	Not Detected	0.0%	0.0%	0.0%
09/04/03	Not Detected	0.0%	0.0%	0.0%
03/03/04	Not Detected	0.0%	0.0%	0.0%
09/15/04	Not Detected	0.0%	0.0%	0.0%
04/12/05	Not Detected	0.0%	0.0%	0.0%
09/07/05	Not Detected	0.0%	0.0%	0.0%
03/06/06	Not Detected	0.0%	0.0%	0.0%

Note: Threshold values from CT DEP 2002 Water Quality Standards. Human Health Criteria assumes consumption of water and organisms. Acute & Chronic Aquatic Life Criteria is based on 1 hour & 4 day exposure period (respectively).