

**Table 3-1.** Regulatory compliance in Onondaga Lake tributaries, 2004.

Parameter (units)	NYSDEC Standard (Class C) <sup>1</sup>	Average of 2004 measured concentrations		Measurements in Compliance
<b>pH</b> (standard units)	Shall not be less than 6.5 nor more than 8.5	NM :	7.79	100%
		OC :	7.80	100%
		LC :	7.46	100%
		HB :	7.68	100%
		5A :	7.79	100%
		EF :	8.30	59%
		BB :	7.68	100%
		SM :	7.41	100%
<b>Dissolved Oxygen</b> (mg/l)	Minimum daily average 5.0 mg/l, at no time shall DO be < 4.0 mg/l	NM :	11.52	100%>4, 100%>5
		OC :	11.79	100%>4, 100%>5
		LC :	9.01	100%>4, 96%>5
		HB :	11.24	100%>4, 100%>5
		5A :	5.81	81%>4, 58%>5
		EF :	9.71	100%>4, 92%>5
		BB :	11.16	100%>4, 100%>5
		SM :	8.84	100%>4, 100%>5
<b>Fecal Coliform</b> <sup>2</sup> (cells/100 ml)	Percent individual observations < 200 cells.	NM :	1503	61%
		OC :	1012	42%
		LC :	1378	36%
		HB :	2292	44%
		5A :	301	92%
		EF :	711	56%
		BB :	1621	50%
		SM :	1756	50%
<b>Ammonia-N</b> (mg/l)	Varies with pH and temperature.	NM :	0.30	100%
		OC :	0.07	98%
		LC :	0.29	100%
		HB :	0.06	100%
		5A :	0.67	96%
		EF :	0.52	58%
		BB :	0.07	100%
		SM :	0.06	100%
<b>Arsenic</b> <sup>3,4</sup> (µg/l)	190 µg/l	NM :	1.3	100%
		OC :	2.1	100%
		LC :	1.4	100%
		HB :	1.3	100%
		5A :	1.4	100%
		EF :	2.6	100%
		BB :	< 1.3	100%
		SM :	< 1.3	100%
<b>Cyanide</b> <sup>4</sup> (µg/l)	5.2 µg/l (Free CN)	NM :	< 2.0	100%
		OC :	< 2.0	100%
		LC :	5.5	25%
		HB :	2.1	100%
		5A :	< 2.0	100%
		EF :	4.0	75%
		BB :	2.3	100%
		SM :	3.0	75%