

Adopt A River School Chemical Data for 2003/2004 for Friends of the Chicago River

School Name	Site Location	Date	pH	method	Phosphorous (ppm)	method	Nitrogen (ppm)	method	Dissolved Oxygen (ppm)	method	Dissolved Oxygen (% sat)	Biological Oxygen Demand (ppm)	method
Deerfield High School	Middle Fork of the Chicago River, Deerfield, IL	9/17/03	7.6	Hach: pH "Pocket Pal"	1 mg/L	Hach: Phosphate s model PO-19	8.8 mg/L	Hach: Nitrates model NI-11	9 mg/L	Hach: D.O. model OX-2P	90%	2 mg/L	(5 day test; then Hach D.O. kit)
Deerfield High School	Middle Fork of the Chicago River, Deerfield, IL	10/1/03	7.9	Hach: pH "Pocket Pal"	.7 mg/L	Hach: Phosphate s model PO-20	4.4 mg/L	Hach: Nitrates model NI-12	15+ mg/L	Hach: D.O. model OX-2P	115%	3 mg/L	(5 day test; then Hach D.O. kit)
Northside	Bryn Mawr and North Branch of Chicago	10/21/03	7.35	pH tester 1 Oakton	0.55	LaMotte	10ppm	LaMotte	9.5 ppm	CHEMets kit ampoules	99%		
Amundsen High School	LaBaugh Woods	10/23/03	8	LeMott Test	2		0		8				
Daniel Wright Junior High	West Fork of the Chicago River, North Park, Lincolnshire IL	10/23 and 24/2003	7.9	LaMott Test	1.7 mg/l	LaMotte	0.7 mg/l	LaMotte	3.6 ppm	LaMotte	39%	2 mg/l	(5 day test; then LaMotte kit)
Schurz High School	Miami Woods, North Branch	10/30/03	7.5	Hach color tubes and pH strips	3	Hach color tubes	5	Hach color tubes	4.3	Kem Mets test			
Chicago City Day School	Miami Woods, North Branch	11/13/03	7.5	Hach 17-N	0.58	Hach PO-19	0.875	Hach N1-14	8	Hach: D.O. model OX-2P	60		
Schurz High School	Miami Woods, North Branch	5/14/04	7.3		0		6		5				
Chicago City Day School	Miami Woods, North Branch	5/25/04	8	Hach 17-N	0.24	Hach PO-19	0.44	Hach N1-14	9	Hach: D.O. model OX-2P	95		

School Name	Site Location	Temp. Site 1 (°C)	Temp. Site 2 (°C)	Temp. Diff. (Change in °C)	Turbidity (JTU/NTU or Ft/In)	method	Total Solids (mg/l)	Fecal Coliform (colonies/100 ml)	method	Over All Water Quality Value
Deerfield High School	Middle Fork of the Chicago River, Deerfield, IL	16	14	2	4 meters / JTU, NTU	?	>500 mg/L	67	Coliscan Easy Gels	72
Deerfield High School	Middle Fork of the Chicago River, Deerfield, IL	8.9	9	0.1	15 meters / JTU, NTU	LaMotte Turbidity Kit	614 mg/L	33.3	Coliscan Easy Gels	73
Northside	Bryn Mawr and North Branch of Chicago	19 degrees	19.5 degrees	.5 degrees	45.7 in	secchi disk		64000	coliscan Easygel	54.58
Amundsen High School	LaBaugh Woods	54	55	1	22 inches					
Daniel Wright Junior High	West Fork of the Chicago River, North Park, Lincolnshire IL	13°C	12.8°C	-0.2°C	93JTU	LaMotte Turbidity Kit		present	LaMotte	51.42
Schurz High School	Miami Woods, North Branch	55.9 water			20 JYU	La Motte				medium
Chicago City Day School	Miami Woods, North Branch			1.5	34 cm	secchi disk				
Schurz High School	Miami Woods, North Branch	13			7.5					
Chicago City Day School	Miami Woods, North Branch				47 cm	secchi disk				

note: says was raining hard and values may not be accurate