

Adopt A River School Chemical Data for 2004/2005 for Friends of the Chicago River

| School Name | Site Location | Date | pH | <i>method</i> | Phosphorous (ppm) | <i>method</i> | Nitrogen (ppm) | <i>method</i> | Dissolved Oxygen (ppm) | <i>method</i> | Dissolved Oxygen (% sat) | Biological Oxygen Demand (ppm) | <i>method</i> |
|-------------------------|---|-------------|-----------|---------------|--------------------------|---------------|-----------------------|---------------|-------------------------------|------------------------|---------------------------------|---------------------------------------|---------------|
| Deerfield High School | Middle Fork of the Chicago River, Deerfield, IL | 9/1/04 | 7.2 | | 1 | | 1.5 | | 15 | | 140 | 1 | |
| Chicago City Day School | Miami Woods, North Branch | 11/16/04 | 7.5 | Hach 17-N | 0.475 | Hach PO-19 | 4.4 | Hach N1-14 | 11 | Hach: D.O. model OX-2P | 95 | | |
| Chicago City Day School | Miami Woods, North Branch | 5/31/05 | 7.5 | Hach 17-N | 0.42 | Hach PO-19 | 0 | Hach N1-14 | 12.5 | Hach: D.O. model OX-2P | 90 | | |

| 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 | 17 | 17.1 | 0.1 | 15 ? | | 530 | 33.3 | coliscan Easygel | 74.1 |
| Chicago City Day School | Miami Woods, North Branch | 9 | 9.5 | 0.5 | 20.6 cm | secchi disk | 500 | | | |
| Chicago City Day School | Miami Woods, North Branch | 20 | 20 | 0 | 40.5 | secchi disk | | | | |