

<u>PARAMETER</u>	<u>METHOD</u>	<u>REPORTED AS</u>
Total Phosphate	Acid digestion using Technicon BD-40 Block Digester. Ascorbic acid reduction colorimetric method using Technicon Auto Analyzer II	mg/l P
Total Coliform	Membrane filter technic	Total coliforms/100 ml
Fecal Coliform	Membrane filter technic	Fecal coliforms/100 ml
COD	Dichromate reflux	mg/l COD
Conductivity	Wheatstone Bridge type meter. Yellow Springs Instrument conductivity bridge, Model 31	μmhos/cm
Color	Visual comparison of sample with known concentrations of colored solutions	Color Units
Chloride	Argentometric (titration with silver nitrate)	mg/l Cl
Silica	Colorimetric analysis (silicomolybdate reduction in acidic solution to "heteropoly blue" by aminonaphtholsulfonic acid) Technicon Auto Analyzer I	mg/l SiO <sub>2</sub>
Cadmium, copper, chromium, iron, lead, magnesium, manganese, nickel, zinc, hardness (Ca+Mg)	Atomic Absorption Spectrophotometry. Air-acetylene flame. Perkin-Elmer Model 403	mg/l
Aluminum, Tin	Atomic Absorption Spectrophotometry. Nitrous oxide-acetylene flame. Perkins-Elmer Model 403	mg/l
Hexavalent Chromium	Colorimetric using diphenylcarbazide. Klett-Summerson photoelectric colorimeter	mg/l Cr <sup>+6</sup>