

Table 2.--Physical properties and chemical compounds to be determined for samples collected during March-June 1994

[ft<sup>3</sup>/s, cubic feet per second;  $\mu$ S/cm, microsiemens per centimeter at 25 degrees Celsius; °C, degrees Celsius; mg/L, milligrams per liter;  $\mu$ g/L, micrograms per liter; N, nitrogen; P, phosphorus; SPE, solid phase extraction; GC/MS, gas chromatography/mass spectrometry; ELISA, enzyme-linked immunosorbent assay]

Property or compound	Method	Reporting limit
streamflow	meter or rating	0.01 ft <sup>3</sup> /s
specific conductance	meter	1 $\mu$ S/cm
pH	electrometric	0.1 unit
temperature	thermometer or thermister	0.1 °C
<u>Nutrients</u>		
nitrite as N	colorimetric	0.01 mg/L
nitrite plus nitrate as N	colorimetric	0.05 mg/L
ammonia as N	colorimetric	0.01 mg/L
orthophosphate as P	colorimetric	0.01 mg/L
<u>Herbicides</u>		
alachlor	SPE-GC/MS	0.05 $\mu$ g/L
ametryn	SPE-GC/MS	0.05 $\mu$ g/L
atrazine	SPE-GC/MS	0.05 $\mu$ g/L
cyanazine	SPE-GC/MS	0.05 $\mu$ g/L
metribuzin	SPE-GC/MS	0.05 $\mu$ g/L
metolachlor	SPE-GC/MS	0.05 $\mu$ g/L
prometon	SPE-GC/MS	0.05 $\mu$ g/L
prometryn	SPE-GC/MS	0.05 $\mu$ g/L
propazine	SPE-GC/MS	0.05 $\mu$ g/L
simazine	SPE-GC/MS	0.05 $\mu$ g/L
terbutryn	SPE-GC/MS	0.05 $\mu$ g/L
<u>Herbicide Metabolites</u>		
cyanazine amide	SPE-GC/MS	0.05 $\mu$ g/L
deethylcyanazine	SPE-GC/MS	0.05 $\mu$ g/L
desethylatrazine	SPE-GC/MS	0.05 $\mu$ g/L
desisopropylatrazine	SPE-GC/MS	0.05 $\mu$ g/L
ESA	SPE-ELISA	0.1 $\mu$ g/L