

BIORESOURCES ENGINEERING WATER QUALITY LABORATORY CURRENT ANALYTICAL SERVICES (2009)			
PARAMETER	UNIT COST	METHOD	COMMENTS
Acidity	\$12.50	SMWW 2310B (17th edition)	Colorimetric method;
Alkalinity	\$12.50	SMWW 2320B (17th edition)	Colorimetric method;
BOD/DO	\$17.00	SMWW 5210B Winkler titration	5 day BOD
Chloride	\$15.00	SMWW 4500C	titrametric, mercuric nitrate
Chlorophyll a/ Pheophytin a	\$17.00	SMWW 10200H	
COD	\$19.00	SMWW 5220D	Colorimetric
Coliforms Total, fecal, <i>Enterococcus</i>	\$20.00	SMWW 9222D, 9230C	Membrane filtration
Conductivity/ Dissolved Oxygen/ Salinity/ pH	\$7.00	SMWW2510A 2520A	ISE/pH meter or YSI Field Probe
Hardness	\$11.50	SMWW 2340C	EDTA Colorimetric;
NH ₄ -N, NO ₃ -NO ₂ -N	\$20.00	SMWW4500 NH ₄ B,C	Nitrate method
Phosphorous Ortho and Total	\$12.00 \$20.00	SMWW 4500E	Colorimetric- ascorbic acid; Acid digestion-TP
Dissolved Total Phosphorous	\$20.00	SMWW 4500E	Filtration; Colorimetric- ascorbic acid; Acid digestion-TP
TDS/TSS VDS/VSS	\$18.00	SMWW2540 B,C,D,E	
TKN	\$14.00	SMWW4500C	Acid digestion
Turbidity	\$7.00	SMWW2130A	
Oil and Grease		SMWW5520??	

Clesceri, L. S., Greenberg, A. E., Trussell, R. R. (Eds), 1989. Standard Methods for the Examination of Water and Wastewater. 17th ed., American Public Health Association, American Water Works Association and Water Pollution Control Federation, Washington, D.C., pp.4-75-4-81.