

## *Regional Water Authority Laboratory Testing*

<b><i>Featured Specialized Testing</i></b>	
<b>Organic Compounds</b>	
<i>Test</i>	<i>Method #</i>
Trihalomethanes	EPA 524.3
Simulated Distribution Systems Trihalomethanes & Haloacetic Acids	
Haloacetic Acid	SM6521 B
Formation of Haloacetic Acids	SM 5710D & SM 6521 B
MIB/Geosmin	STM 6040E
Perfluorinated Compounds	EPA 537 Rev 1.1
Chlorate	EPA 300.1
Volatile Organic Compounds	EPA 524.3
Microcystins and Nodularin (Cyanotoxins)	EPA 544
Microcystins	ELISA
Cylindrospermopsin	ELISA
Cylindrospermopsin and Anatoxin-a (Cyanotoxins)	EPA 545

<b><i>Standard Testing</i></b>			
<b>Bacteriological Parameters</b>		<b>Physical Parameters</b>	
<i>Test</i>	<i>Method #</i>	<i>Test</i>	<i>Method #</i>
Total Coliform	SM 18 (9222B)	Apparent Color	SM 2120 B
Fecal Coliform	SM 18 (9222D)	Turbidity	SM 2130 B
Fecal Strep	SM 9230C	Acidified Turbidity	SM 230 B
HPC	SM 18 (9215B)	pH	SM 4500PH-B
Total Coliform P/A	SM 18 (9223)	Odor	Sm 2150 B
T-Plankton	SM 10200 C/E		
E-Coli	SM 9223B		

<b>Organic Parameters</b>	
<i>Test</i>	<i>Method #</i>
Volatile Organic Compounds + MTBE	EPA 524.3
TOC	SM 5310 B
DOC	SM 5310 B
DIC	SM 5310 B
UV - 254	SM 5910 B
Pesticides	EPA 505
Herbicides	EPA 515.3
Semi-volatile Organics	EPA 525.2
Tentatively Identified Compounds for VOC	EPA 524.3
EDB & DBCP	EPA 504.1
Perfluorinated Compounds	EPA 537 Rev 1.1

<b>Inorganic Parameters</b>	
<i>Test</i>	<i>Method #</i>
Metals by Inductive Coupled Plasma	EPA 200.7
Metals by Atomic Absorption	EPA 200.9
Specific Conductance	SM 2501B
Fluoride	SM 4500FC
O-Phosphate as (PO <sub>4</sub> )	EPA 300.0
Total Phosphate as (PO <sub>4</sub> )	SM 4500 PH
Total Solids	SM 2540B
Fixed Solids	SM 2540E
Dissolved Solids	SM 2540C
Suspended Solids	SM 2540D
Solids in Water	SM 2540F
Free Ammonia as (N)	SM 4500NH <sub>3</sub> H
Nitrate as (N)	EPA 300.0
MBAS	SM 5540C
Alkalinity (CaCO <sub>3</sub> )	SM 2330B
TKN	EPA 351.2
Total Hardness (CaCO <sub>3</sub> )	SM 2340 B
Chloride	EPA 300.0
Sulfate	EPA 300.0
Calcium Hardness	SM 2340 B
Bromide	EPA 300.1
Bromate	EPA 300.1
Chlorite	EPA 300.1
Chlorate	EPA 300.1
Perchlorate	EPA 314.0

<b>UCMR4</b>	
Pesticides	EPA 525.3
Semi volatile	EPA 530
Alcohol	EPA 541
Microcystins and Nodularin (Cyanotoxins)	EPA 544
Cylindrospermopsins and Anatoxin-a (Cyanotoxins)	EPA 545
Total Cyanotoxins	EPA 546
Haloacetic Acid	EPA 552.3
Bromide	EPA 300.1
TOC by Combustion	SM 5310B
Germanium & Manganese	EPA 200.8 - <b>Subcontracted</b>