

Draft Jamaica National Ambient Water Quality Standard  
–Freshwater, 2009

<b>Parameter</b>	<b>Measured as</b>	<b>Standard Range</b>	<b>Unit</b>
<b>Calcium</b>	<b>(Ca)</b>	<b>40.0-101.0</b>	<b>mg/L</b>
<b>Chloride</b>	<b>(Cl<sup>-</sup>)</b>	<b>5.0- 20.0</b>	<b>mg/L</b>
<b>Magnesium</b>	<b>(Mg<sup>2+</sup>)</b>	<b>3.6- 27.0</b>	<b>mg/L</b>
<b>Nitrate</b>	<b>(NO<sub>3</sub><sup>-</sup>)</b>	<b>0.1- 7.5</b>	<b>mg/L</b>
<b>Phosphate</b>	<b>(PO<sub>4</sub><sup>3-</sup>)</b>	<b>0.01 - 0.8</b>	<b>mg/L</b>
<b>Potassium</b>	<b>(K<sup>+</sup>)</b>	<b>0.74- 5.0</b>	<b>mg/L</b>
<b>Silica</b>	<b>(SiO<sub>2</sub>)</b>	<b>5.0- 39.0</b>	<b>mg/L</b>
<b>Sodium</b>	<b>(Na<sup>+</sup>)</b>	<b>4.5- 12.0</b>	<b>mg/L</b>
<b>Sulfate</b>	<b>(SO<sub>4</sub><sup>2-</sup>)</b>	<b>3.0- 10.0</b>	<b>mg/L</b>
<b>Hardness</b>	<b>(CaCO<sub>3</sub>)</b>	<b>127.0-381.0</b>	<b>mg/L (as CaCO<sub>3</sub>)</b>
<b>Biochemical Oxygen Demand</b>	<b>(O)</b>	<b>0.8- 1.7</b>	<b>mg/L</b>
<b>Total Dissolved Solids</b>		<b>120.0-300</b>	<b>mg/L</b>
<b>pH</b>		<b>7.00- 8.40</b>	
<b>Conductivity</b>		<b>150.0-600</b>	<b>µS/cm</b>