

## Water test results for Wheatridge Middle School

### Thursday, Oct. 1st- Mr. Smith's classes

light rain the night before

9 a.m. - Creek flowing out of the wetlands

<b>Air temperature</b>	18 Celsius	10:30 a.m. - Edgerton Lake	20 Celsius
<b>Dissolved Oxygen</b>	5 mg/L or 53% saturated	<b>Dissolved Oxygen</b>	5.6 mg/L or 63% saturated
<b>Fecal Coliform</b>	greater than 100 colonies	<b>Fecal Coliform</b>	greater than 100 colonies
<b>pH</b>	6.8	<b>pH</b>	6.8
<b>Biochemical O<sup>2</sup> Demand</b>	2 mg/L	<b>Biochemical O<sup>2</sup> Demand</b>	1.4 mg/L
<b>Water temperature change</b>	0 Celsius	<b>Water temperature change</b>	0 Celsius
<b>Total Phosphate</b>	4.5 mg/L	<b>Total Phosphate</b>	.5 mg/L
<b>Nitrates</b>	.25 mg/L	<b>Nitrates</b>	1.2 mg/L
<b>Turbidity</b>	22 NTU	<b>Turbidity</b>	15 NTU
<b>Total Dissolved Solids</b>	143.5 mg/L	<b>Total Dissolved Solids</b>	117 mg/L

### Friday, Oct. 2nd- Mr. Smith's classes

overcast

9:30 a.m. Edgerton Lake

<b>Air temperature</b>	19 Celsius	2:00 p.m. - Gardner cemetery	21 Celsius
<b>Dissolved Oxygen</b>	6.6 mg/L or 67% saturated	<b>Dissolved Oxygen</b>	12.4 mg/L or 128% saturated
<b>Fecal Coliform</b>	greater than 100 colonies	<b>Fecal Coliform</b>	more than 100 colonies
<b>pH</b>	6.9	<b>pH</b>	7.7
<b>Biochemical O<sup>2</sup> Demand</b>	.5 mg/l	<b>Biochemical O<sup>2</sup> Demand</b>	5.4 mg/L
<b>Water temperature change</b>	0 Celsius	<b>Water temperature change</b>	0 Celsius
<b>Total Phosphate</b>	1.4 mg/L	<b>Total Phosphate</b>	2.3 mg/L
<b>Nitrates</b>	1.5 mg/L	<b>Nitrates</b>	.4 mg/L
<b>Turbidity</b>	97 NTU	<b>Turbidity</b>	7.5 NTU
<b>Total Dissolved Solids</b>	117 mg/L	<b>Total Dissolved Solids</b>	357 mg/L

