



# STROUD DISTRICT COUNCIL

Ebley Mill • Ebley Wharf • Stroud • Gloucestershire • GL5 4UB

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Mr D Michael  
16 Springhill  
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**Your Contact:** Lesley Swain  
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**Our Ref:** 16/2569/WA02

7th September 2016

Dear Mr Michael

**Private Water Supplies Regulations 2016**  
**Spring at Springhill, Uplands, Stroud, Gloucestershire, .**

I write to inform you of the results of the analysis of the water samples taken from the spring at the above location on 1<sup>st</sup> September 2016.

Parameter	Result	Maximum Concentration
<b>Total Coliforms</b>	<b>31/100ml</b>	<b>0/100ml</b>
<b><i>E.Coli</i></b>	<b>1/100ml</b>	<b>0/100ml</b>
<b><i>Enterococci</i></b>	<b>3/100ml</b>	<b>0/100ml</b>
TVC @ 22° C	>300/ ml	
TVC @ 37° C	>300/ ml	
<i>Clostridium perfringens</i>	0/100ml	0/100ml
Hydrogen Ion (pH)	7.4	6.5 – 9.5
Conductivity at 20°C	588µS/cm	2500 µS/cm
Colour	1mg/l Pt/Co	20 mg/l Pt/Co
Turbidity	0.120 FTU	4 FTU
Ammonium	<0.030mg/l	0.5 mg/l
Nitrite	<0.006mg/l	0.5 mg/l
Nitrate	42.2mg/l	50 mg/l
Odour	0	
Taste	0	
Iron	11.6 µg/l	200 µg/l
Manganese	<0.9 µg/l	50 µg/l
Aluminium	<5.0 µg/l	200 µg/l

As can be seen from the above results the supply failed to comply with the Private Water Supplies Regulations due to faecal contamination.

This water should **not** be used for consumption purposes unless it has been treated prior to use or at a very minimum with it being boiled for a minimum of one minute.

I enclose an invoice for the analysis of the samples.