



Llywodraeth Cynulliad Cymru
Welsh Assembly Government

Private Water Supplies in Wales

Pollution Technical Panel

17 March 2009

Phil Chatfield



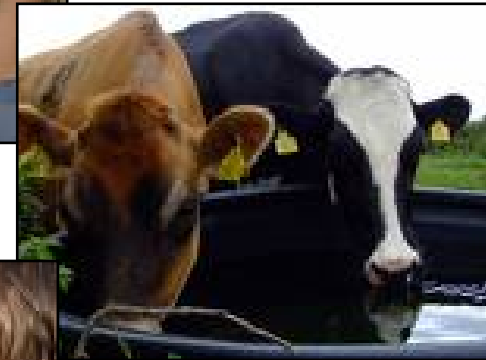
Private Water Supplies in Wales

Presentation overview



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- 🔥 Background data
- 🔥 Need for change
- 🔥 Key proposals in new regulations
- 🔥 Support & resources



Private Water Supplies

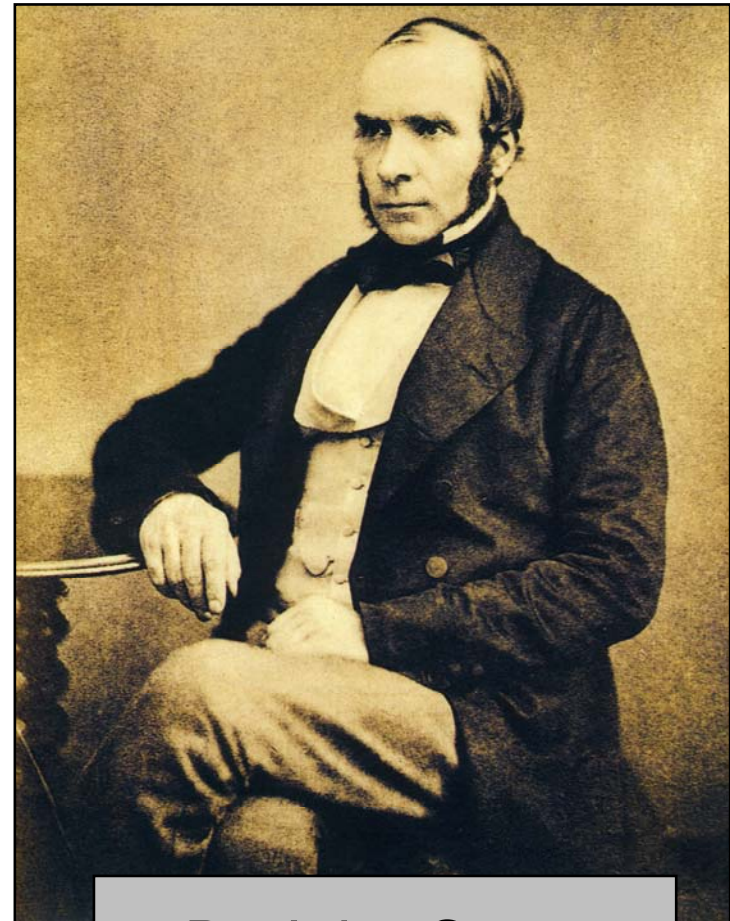
Private Water Supplies in Wales

Background data



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- 🔥 Variety of sources
- 🔥 DWI estimate
- 🔥 Local authority returns
- 🔥 Dwr Cymru/Welsh Water billing



Dr John Snow

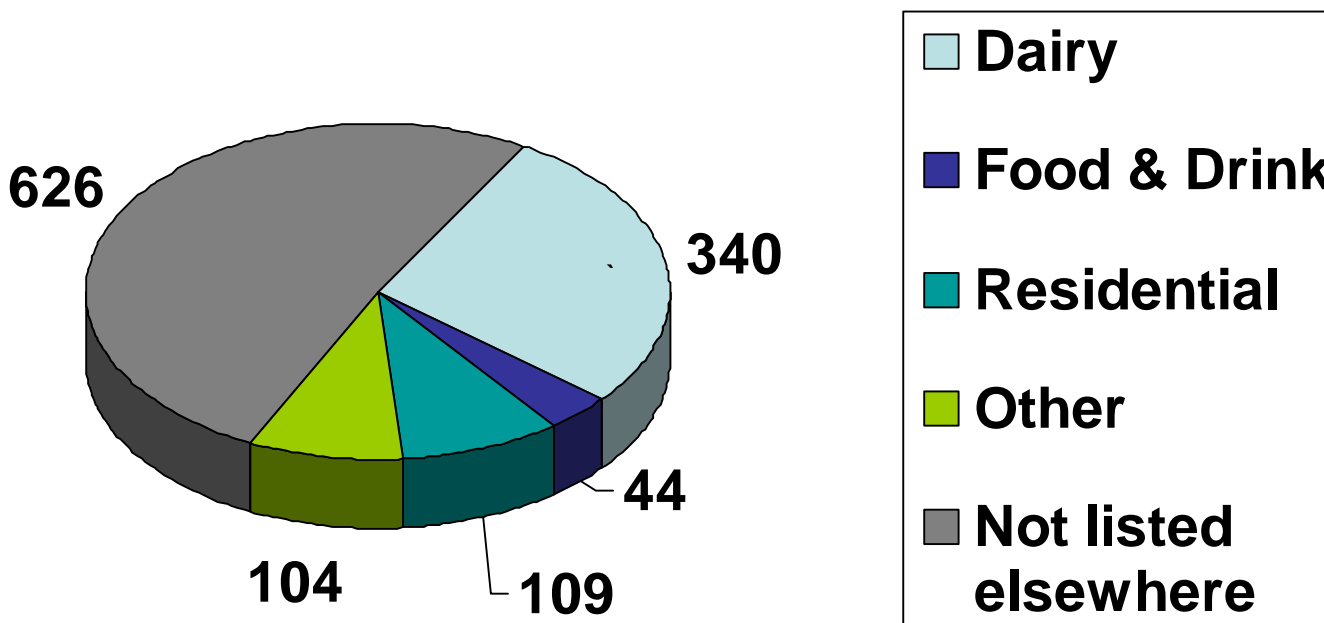
Private Water Supplies in Wales

Background data – impact assessment



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Non-domestic private water supplies in Wales



Total 1,223

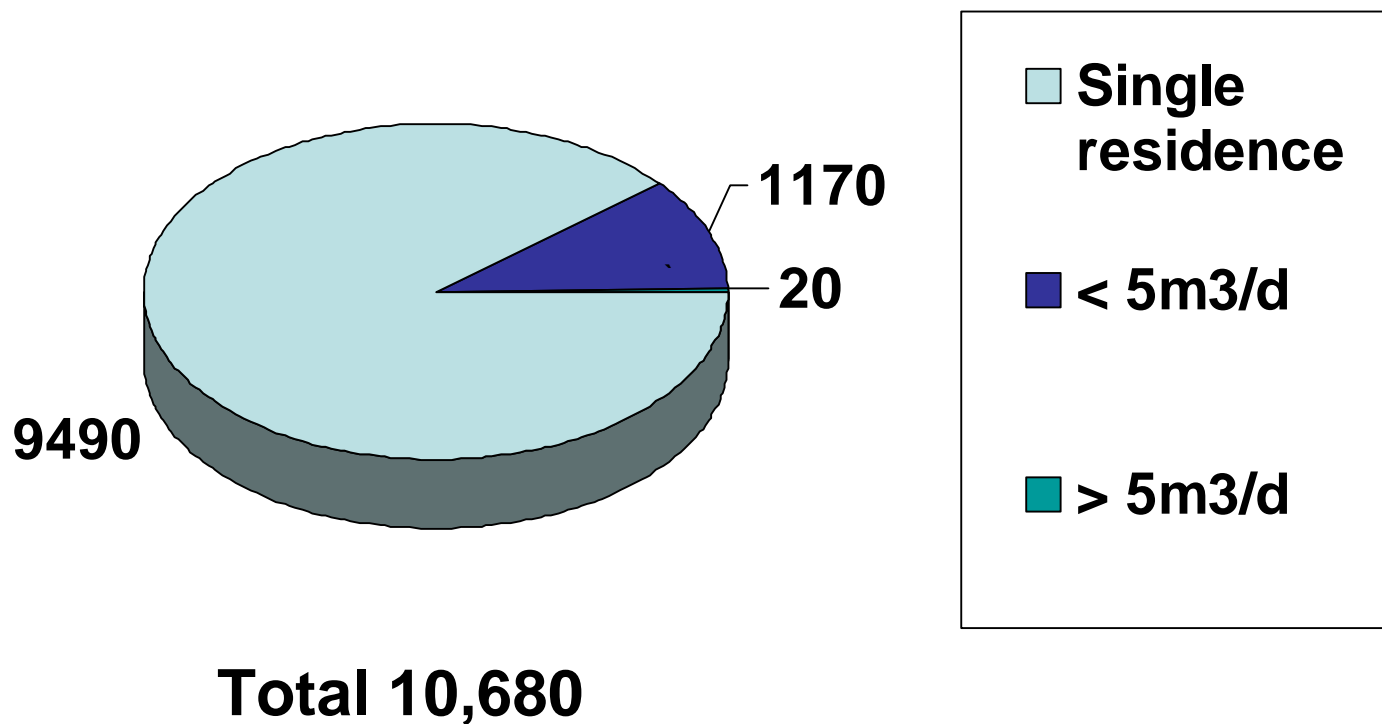
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Background data – impact assessment



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Domestic private water supplies in Wales



Private Water Supplies in Wales

Need for change



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- 🔥 Original regulations 1981
- 🔥 Complied with EU directive 1980
- 🔥 But not with new 1998 directive
- 🔥 EU now taking action



Private Water Supplies in Wales

Need for change



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- 🔥 Clean drinking water a priority for us
- 🔥 Private distribution
- 🔥 Domestic supplies $>10\text{m}^3/\text{d}$
- 🔥 Reporting to EU
- 🔥 Notice powers ineffective



Private Water Supplies in Wales

Proposed regulations



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- 🔥 Water standards – wholesomeness
- 🔥 Monitoring & reporting
- 🔥 Actions on failure
- 🔥 Enforcement - includes fees



Private Water Supplies in Wales

Proposed regulations

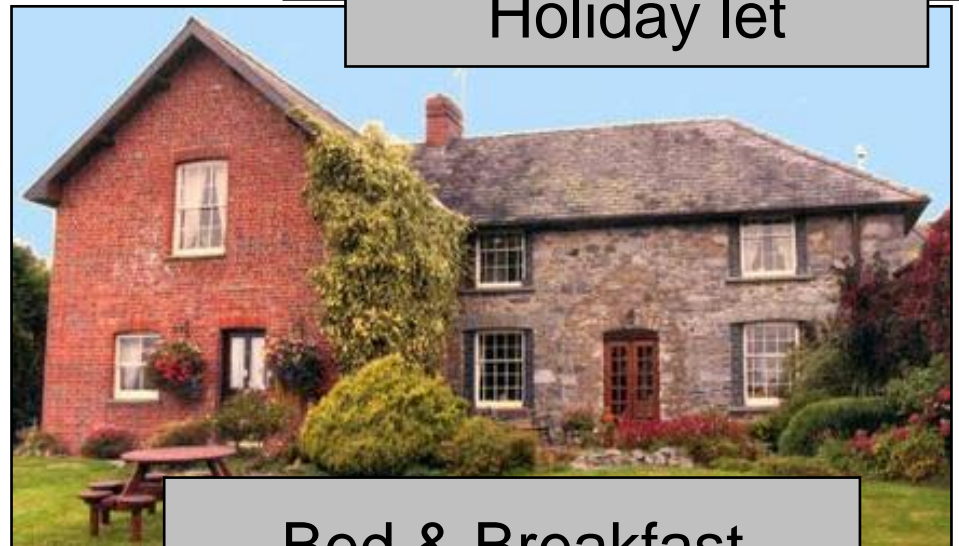


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- 🔥 Risk assessments
- 🔥 Risk based monitoring
- 🔥 Private distribution
- 🔥 Include supplies $<10 \text{ m}^3/\text{day}$
- 🔥 Restriction notices



Holiday let



Bed & Breakfast

Private Water Supplies in Wales

Proposed regulations



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- 🔥 Negotiated solutions
- 🔥 Discretionary powers for single dwellings
- 🔥 Authorisations – up to 3 years
- 🔥 Improvement notices
- 🔥 Appeals to magistrates

Farm shop



Pubs & restaurants

Private Water Supplies in Wales

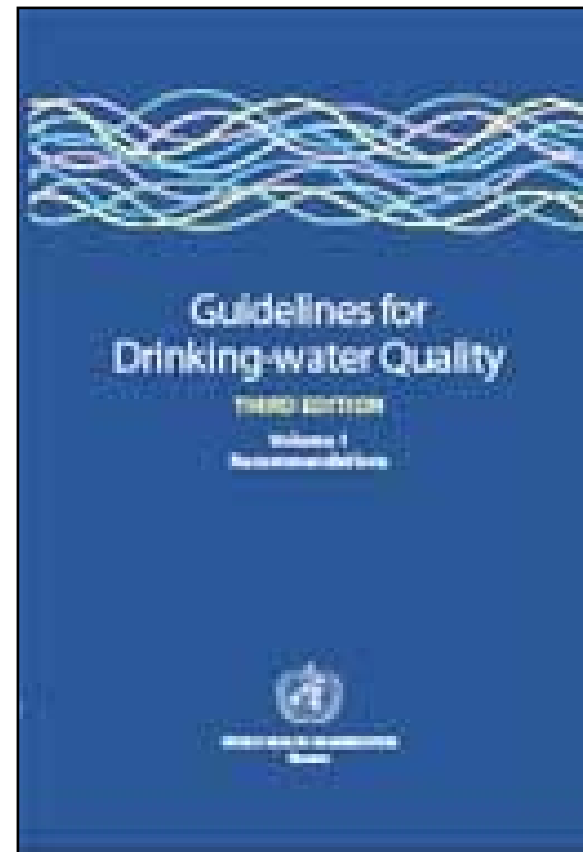
Water safety plan - WHO



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A WSP comprises, as a minimum, the three essential actions that are the responsibility of the drinking-water supplier in order to ensure that drinking-water is safe.

- 🔴 a system assessment;
- 🔴 effective operational monitoring; and
- 🔴 management.




Private Water Supplies in Wales

Risk assessments



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- 🔥 Introduce over 5 years
- 🔥 Look at system
- 🔥 And consider management
- 🔥 5 year review period
- 🔥 Proposed maximum charge £100

 SCOTTISH EXECUTIVE

Owner/user risk assessment
for Private Water Supplies.

Instructions: Complete Section A below and the other relevant section(s) of the form. Once you have completed the self-assessment you can complete the tear-off summary sheet in Section H and return it to your local environmental health service who will then contact you to provide more advice or to carry out a full risk assessment.

Section A – Introduction


1. Where does the water supplying your private water supply come from?

Tick all that are relevant.	Where does the water come from?	Finish answering this section and then go to the section shown below, next to the answer you ticked.
<input type="checkbox"/>	Well	Section B
<input type="checkbox"/>	Borehole	Section C
<input type="checkbox"/>	Spring	Section D
<input type="checkbox"/>	Stream/River/Loch/Reservoir	Section E
<input type="checkbox"/>	I don't know where my private water supply comes from	Section F

2. Do you know where the source is? Yes/No

Yes. If you know where the source of your private water supply is then you can continue with the risk assessment.

No. If you don't know where the source is you will not be able to complete the risk assessment as you will not know what potential dangers exist at the source. You should contact your local environmental health service for assistance in completing a full risk assessment.


Private Water Supplies ①

Private Water Supplies in Wales

Private distribution



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- 🔥 EU Directive requirement
- 🔥 Water company bulk supply
- 🔥 Private distribution
- 🔥 Forest lodges, caravan sites etc
- 🔥 No data!



Borth

Private Water Supplies in Wales

Records & reporting



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- 🔥 Annual report to EU
- 🔥 DWI will collate
- 🔥 Aim for online system
- 🔥 30 years
- 🔥 May need extra data for Wales



Private Water Supplies in Wales

Proposed regulations



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- 🔥 Consultation ends
8 June
- 🔥 15 questions
- 🔥 Mostly organisations
- 🔥 Can you help reach
individuals?
- 🔥 www.wales.gov.uk/consultations



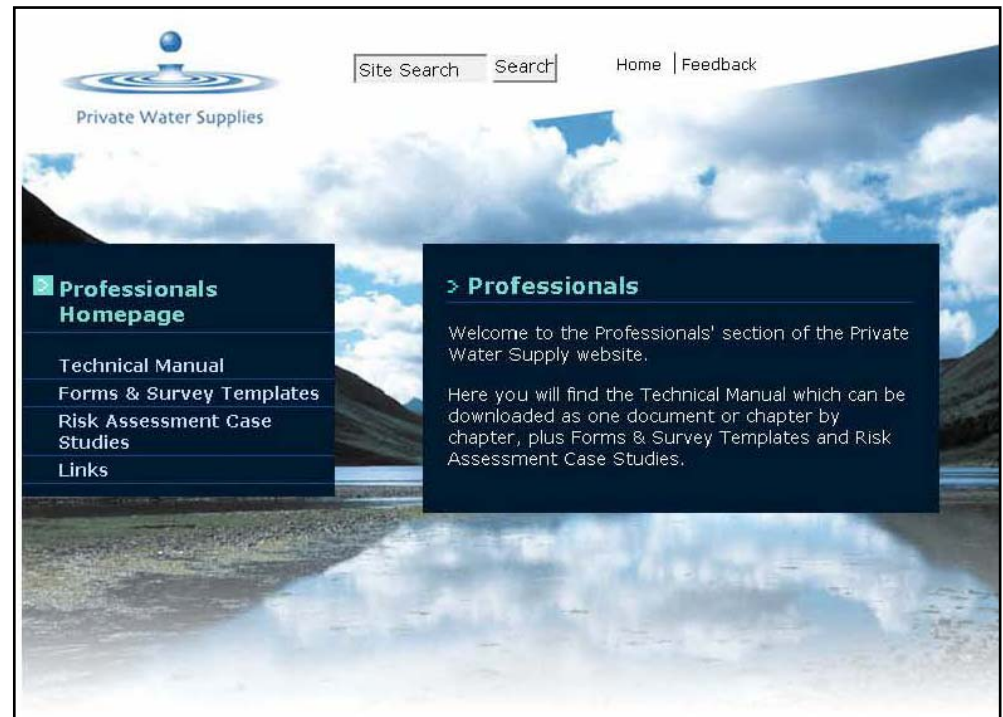
Private Water Supplies in Wales

Support & resources



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- 🔥 Private water supplies web site
- 🔥 Professionals
- 🔥 Technical manual
- 🔥 Owners
- 🔥 Risk assessment



www.privatewatersupplies.gov.uk

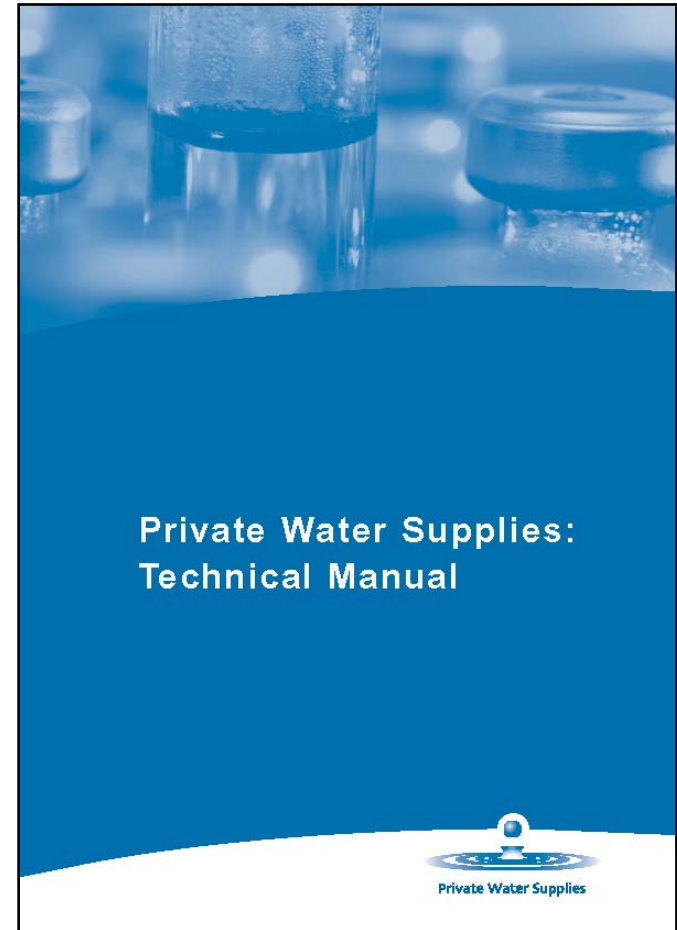
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Support & resources



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- 🔥 Guidance with regulations
- 🔥 Technical manual on-line
- 🔥 Training courses
- 🔥 On-line training?
- 🔥 Your ideas?



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Presentation summary



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Private Water Supplies



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Questions

