

FINGAL COUNTY COUNCIL

DRINKING WATER SAFETY PLAN

Lessons Learnt – WG Member

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DRINKING WATER QUALITY

Sept 2009

A letter was sent from the EPA to all Local Authorities recommending Drinking Water Safety Plan (DWSP) be progressed in each area based on the WHO Water Safety Plan Manual as a guidance document.

Following the outbreak of cryptosporidium in the drinking water in Galway in 2007, as part of a direction issued by the EPA, a Water Safety Plan was commenced by Galway City Council in 2009.

Getting Started – Early 2010

Although it seemed like a daunting task, in early 2010 we set about **starting** to put together our DWSP.

We used the WHO Water Safety Plan Manual as a guidance document.

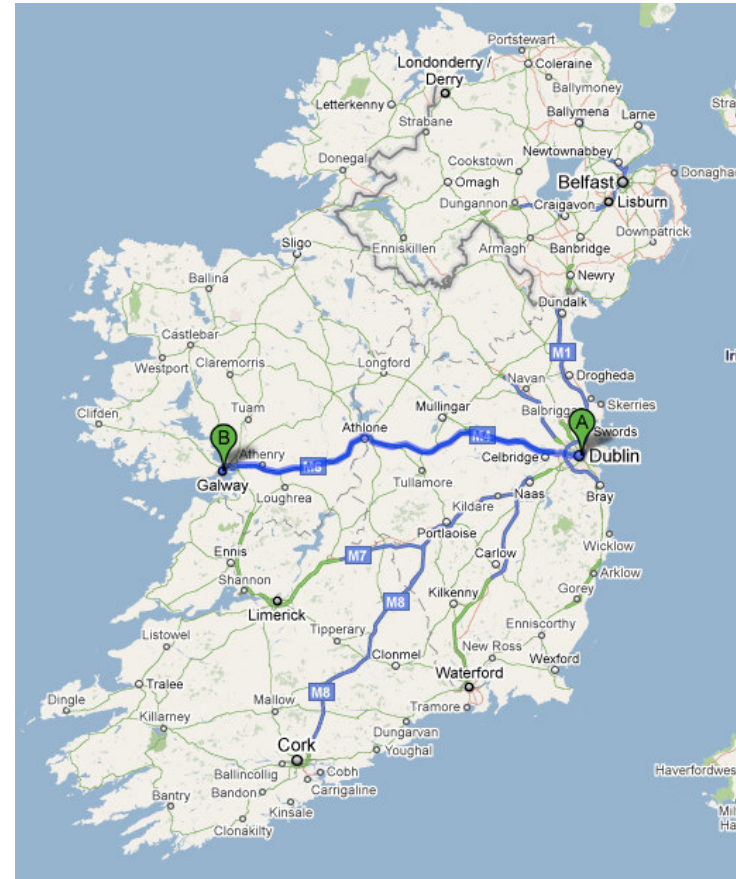


Number of Hazardous Events

	Initial	Current
Catchment	48	55
Treatment	64	74
Distribution	26	28
Customers Premises	6	3
Management & Control	<u>28</u>	<u>4</u>
Total number	172	164

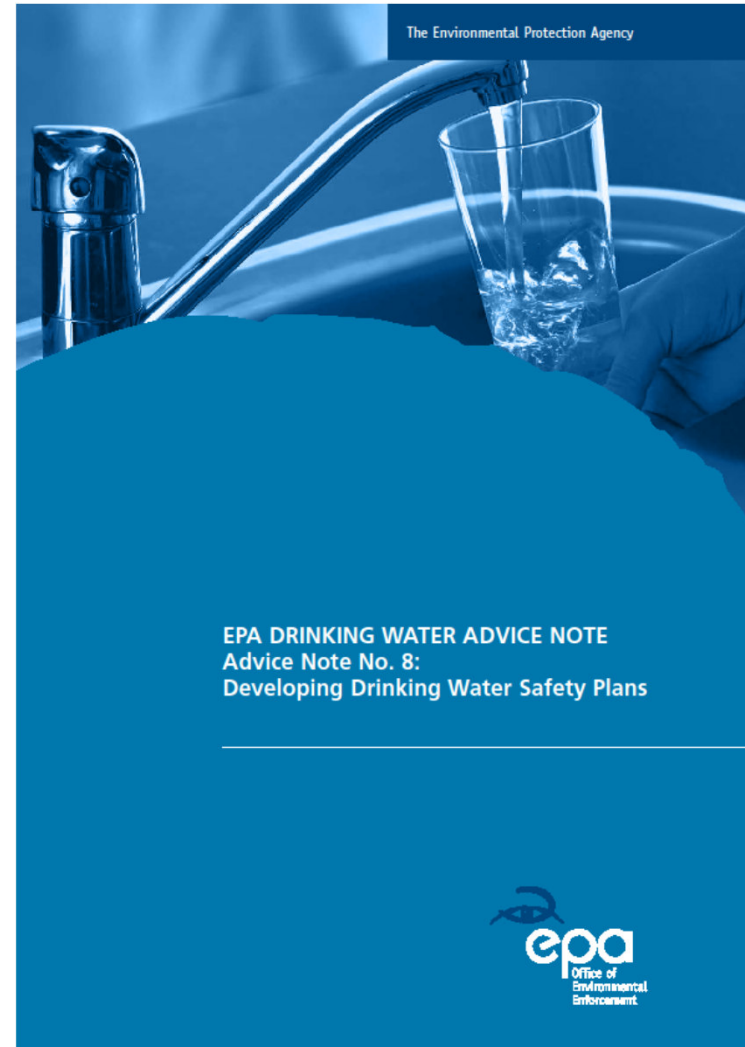
May 2011

- FCC to Galway City Council
- Looked at their DWSP
- Explained how they, in collaboration with the EPA, came up with the Hazard ID list
- Looked at some of their Action Plans and the thinking behind them



EPA Advice Note

- Issued: 2 August 2011
- EPA Advice Note
 - ✓ Gives overview of steps in DWSP
 - ✓ Outlines contents in Irish context
- Approach applies equally to small & large drinking water supplies
- Hazard ID List included
- Descriptors, Risk Assessment Matrix and Action Matrix given
- Action Plan Template set out



March 2012

Invites were sent out by the EPA for the set up of the DWSP Working Group (WG).

Members of the initial DWSP WG included Water Service Authority (WSA) staff who oversee these 8 largest public water supplies.

- Ballymore Eustace WTP – Dublin City Council
- Vartry Reservoir WTP – Dublin City Council
- Leixlip WTP – Fingal County Council
- Lee Road WTP – Cork City
- Staleen WTP – Louth County Council
- Terryland WTP – Galway City Council
- Clareville WTP – Limerick City Council
- Adamstown WTP – Waterford County Council

April 2012

First meeting of the DWSP WG.

In essence the main scope of the working group is to provide support and assistance to each other and additional WSA staff who are involved in the development and implementation of WSPs in their region and to ensure that consistency is obtained from County to County on the implementation of such plans.



First meeting of the DWSP WG.

Discussed:

- Where each of us were at with regard to the DWSP - some Water Services Authorities had started putting it together and some had not.
- General discussion about the theory behind a DWSP.
- Excel was the tool that everyone was using at that time.
- EPA DWSP excel tool issued to attendees.
- FCC had already commenced using excel and creating our own links.
- Numbering system discussed at length so that there was consistency throughout.

Further meeting of the DWSP WG.

Discussed:

- Updates on where each of us were at with regard to the DWSP.
- Any problems encountered in compiling the DWSP.
- Problems with Excel e.g. repetition, links, macros etc.

Oct 2013

New EPA online DWSP Tool went live.

Fingals Experience doing DWSP:

- Started with the Treatment element as the Catchment is not within our administrative boundary
- With the help of discussions that took place within the working group, we worked our way through the Risk Assessment Action Plans in excel.....Treatment, Distribution, Customers Premises, Management and Control for Leixlip WTP
- Still have Catchment element to address
- Have started using the online tool but at the very early stages
- Appears to be user-friendly

Why carry out a DWSP?

- It can be used to highlight the risks in a water supply
- The advantages of using it
 - ✓ reduced risk and likelihood of incidents occurring
 - ✓ helps to prioritise required works
 - ✓ smarter investment of funds
 - ✓ reduce number of non-compliances



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Fingal County Council



**A lot done.
More to do.**

