

<p>Title of Report:</p> <p>Drinking Water Report for Northern Ireland 2016</p> <p>Derry City and Strabane District Council</p>	<p>Officer Presenting: Director of Health and Community</p> <p>Author: Head of Health and Community Wellbeing</p>
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1 Purpose of Report/Recommendations

1.1 To inform Members of a report produced by Northern Ireland Water on drinking water quality in the Derry City and Strabane District Council area during 2016. A copy of the report is attached at Appendix 1.

2 Background

2.1 For monitoring purposes NI Water's supply area is divided into water supply zones. These are areas serving not more than 100,000 people and water supply zones may be wholly or partially contained within the council area. NI Water assess water quality for the Council area based on the Mean Zonal Compliance (MZC) over the water supply zones associated with the Council area and includes random sampling at the customer tap and planned sampling at authorised supply points.

2.2 There are 5 water supply zones that are wholly or partially within the council area as outlined below:

Zone Code	Zone Name
ZN0603	Carmoney, Eglinton
ZN0604	Caugh Hill, Dungiven
ZN0607	Corrody Road, Derry
ZN0701	Derg, Strabane
ZN0704	Lough Bradan, Drumquin

3 Key Issues

3.1 NI Water report that for 2016 in the Derry City and Strabane District Council area compliance was 99.6% which represents a minor reduction from 99.8% in 2015. The water supplied in the water supply zones within the Derry & Strabane council area complied with all the physical-chemical and microbiological standards laid down in the Water Supply (Water Quality) Regulations (Northern Ireland) 2007 (as amended) except for the parameter(s) included in the table below:-

		<p>Programme, which favours mains replacement and zones are prioritised according to need. This programme will continue to maintain and improve the quality of water in your council area over the next few years.</p>
Corrody Road, Derry	<p>Iron, Manganese, Aluminium (single sample exceedance)</p> <p>Iron (single exceedance)</p> <p>Total Trihalomethanes (single exceedance)</p>	<p>Investigations found that this exceedance was most likely caused by a disturbance of mains deposits from older iron mains, with resamples being satisfactory.</p> <p>Investigations found that this exceedance was most likely caused by a disturbance of mains deposits from older iron mains, with resamples being satisfactory.</p> <p>This exceedance was caused by treatment issues at Caugh Hill WTW increasing the final water THMs.</p>
Derg, Strabane	<p>Iron (single exceedance)</p> <p>Total Trihalomethanes (3 exceedences)</p>	<p>Investigations found that this exceedance was most likely caused by a disturbance of mains deposits from older iron mains, with resamples being satisfactory after flushing.</p> <p>These exceedences were caused by treatment</p>

	Pesticides (monitored at authorised supply point)	<p>issues at Derg WTW increasing the final water THMs.</p> <p>NI Water analyses for 30 individual pesticides, herbicides and algaecides, with an exceedance of the individual standard detected for MCPA. This herbicide is in common usage in the Derg WTW catchment. NI Water is actively working with a stakeholder partnership to reduce the likelihood of future contamination into the supply for Derg WTW. Regulatory enforcement is in place at the Derg WTW for MCPA contraventions and NI Water will be carrying out capital investment in 2018/19 for enhanced water treatment to reduce the risk of MCPA contraventions.</p>
Lough Bradan, Drumquin	<p>Taste (single exceedance)</p> <p>Total Trihalomethanes (single exceedance)</p>	<p>The cause of the exceedance was undetermined and all resamples were satisfactory.</p> <p>This exceedance was caused by treatment issues at Derg WTW increasing the final water THMs.</p>

3.2 Details are also provided in the report on the Capital Works Programme for the reporting period directly related to water quality affecting the Derry City and Strabane District Council area.

4 Financial, Equality, Legal, HR, Improvement and other Implications

4.1 There are no financial or other implications.

5 Recommendations

5.1 Members are asked to note the contents of the report.

Background Papers

Appendix 1: Drinking Water Quality Report for Northern Ireland 2016: Derry City and Strabane District Council