Irish Water

First Fix Leak Repair Scheme

For Domestic Water Customers

Quarterly Report

Q2 2017





1. Introduction

Leakage of water from the network is a serious problem on a national scale. Lost distribution side water is estimated nationally at approximately 45% of the water produced for supply.

In May 2014 the Government announced funding of €51m for a scheme to address water leakage on pipework within customer property under a "First Fix" scheme. Following a public consultation the Commission for Regulation of Utilities (CRU) approved Irish Water's proposed First Fix Leak Repair Scheme on 5th August 2015.

Under the First Fix Leak Repair scheme, Irish Water is assisting customers by notifying them where suspected leakage is occurring within the boundary of their property. Leaks which are identified on the external supply pipe serving a property are offered a free leak repair. The First Fix Leak Repair scheme does not apply to leaks within a dwelling.

Utilising meter read data to identify the most significant leaks has proven key to operating the First Fix Leak Repair scheme efficiently. Previously, the key barrier to addressing leakage was the identification of where leakage arose. The vast majority of leaks remain underground and, as such, they are not visible and go un-noticed and un-detected. Prior to the introduction of the First Fix Leak Repair scheme, leakage programmes have been based around time-consuming and labour intensive sampling of areas in order to seek to detect anomalies on pipework. The Irish Water domestic metering programme provided both the platform and the technology based solution to address this challenge. Data obtained from meter installation highlights unusual water usage patterns and allows Irish Water to isolate the source of leaks to a particular property, thereby reducing the time required for leak investigation. Operating the First Fix Leak Repair scheme on the basis of meter read data allowed Irish Water to systematically identify significant water wastage at individual locations and focus resources on isolating the source of wastage within these properties.

Following the completion of the metering programme in Q1 2017, the First Fix Leak Repair scheme became part of the wider national Water Network Programme. The scope of this programme is to bring together the following network improvement work types on a national basis:

- DMA (District Metering Area) Establishment
- Find & Fix
- First Fix Free Scheme
- Water Mains Renewal
- Lead Services
- Non-Domestic Metering
- Pressure Management



This is a targeted programme of works to manage the availability, sustainability and reliability of the water supply network and reduce leakage on a national scale to economically sustainable levels. In the period of the transition of the First Fix Leak Repair scheme from the metering programme to the Water Network Programme, there is a temporary postponement on the issuance of constant flow alarm notifications up until the end of Q2 2017. This is to facilitate procurement competition for the Water Network Programme. During this period IW and its interim contractor will continue to engage with Customers reporting possible leaks and will continue to carry out investigation to assess qualification and repair. Irish Water will recommence the issuance of constant flow alarm notifications under the Water Network Programme in Q3 2017.

Given the need to prioritise water conservation, Irish Water prioritises repairs under the First Fix Leak Repair scheme by size, based on the volume of water lost. A constant flow of water, that is 6 litres per hour over a 48 hour period, will trigger a constant flow alarm on the meter, indicating a potential leak. The largest leaks wasting the most water were fixed first.

In summary, the total number of Continuous Flow Alarms recorded (Table 2- Row 1) was 60,545 at Q1 2017 and 55,835 at the end of Q2 2017.

2. How to avail of the scheme

Relevant customers for whom a current constant flow alarm is recorded are issued with a letter from Irish Water, indicating a potential leak on their property. This letter is triggered where a constant flow of water to the property is identified. A customer will need to have received this letter from Irish Water, and meet the eligibility requirements¹ in order to avail of the scheme. Customers with a visible leak on their property can also contact Irish Water to confirm if they are eligible to participate in the scheme.

Customers who receive a constant flow advice letter are asked to contact Irish Water to request a free leak investigation. If the leak investigation indicates a leak on the external supply pipe serving the property, the customer will be offered a free leak repair. Irish Water will issue the customer with a First Fix Leak Repair Scheme offer, detailing the terms and conditions of providing the repair. To avail of the repair the customer will need to sign and return the offer document to Irish Water.

If you would like further information on the scheme, please see the *First Fix Leak Repair Scheme for Domestic Water Customers* policy document which is available on www.water.ie

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¹ For eligibility requirements and detailed information about the administration of the scheme, please see the *First Fix Leak Repair Scheme for Domestic Water Customers* policy document which is available on www.water.ie



3. Reporting on the scheme

In April 2015, the Commission for Regulation of Utilities (CRU) consulted on Irish Water's proposed First Fix Leak Repair Scheme for Domestic Water Customers and received eight responses. The CRU's decision on the policy, issued on 5 August 2015, was based on a review of the eight submissions received during the consultation period. Among its recommendations, the CRU expects Irish Water to strongly promote the scheme in order to increase customer awareness of the scheme and to encourage customers to engage with Irish Water on the scheme.

The CRU is monitoring the ongoing implementation of the scheme to ensure that the costs allowed are efficiently incurred and that benefits are achieved for customers. In line with the CRU Decision CER/15/178 Irish Water is to report on a quarterly basis on the progress of the First Fix Leak Repair scheme, the following section outlines the progress of the scheme to the end of Q2 2017.

4. Quarterly Summary

4.1. Constant Flow Advice Letters and Customer Response Rates and Engagement Levels

The total number of constant flow advice letters issued at the end of Q2 2017 is 100,559 resulting in 41,431 customers requesting a free leak investigation survey.

A total of 74,588 customers have engaged with the scheme to date, representing 74% of the 100,559 constant flow advice letters issued. Customer engagement is measured under the following three categories (see Chart 1 below):-

- 1. Customers requesting a free leak investigation survey (as reported in section 4.2).
- 2. Customer repairs completed from data collected from the meter (as reported in section 4.4).
- 3. Customers contacting Irish Water to advise of non qualifying leaks.

Each number underlined in the chart represents the total number of customers who engaged by that category. In cases where the customer engagement is common to two of these categories, it is noted in the overlapping area in white text. The total number of customers who engaged is outlined below.



Total Customer Engagement (%) =
$$\frac{41,431+36,524+11,053-(11,035+3,385)}{100,559}$$

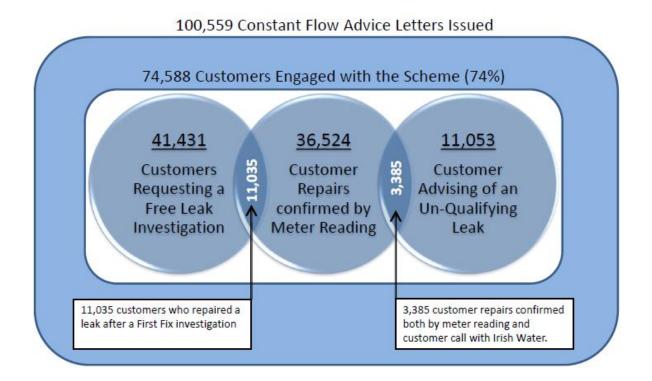


Chart 1. Summary of Customer Engagement with the Scheme

4.2. Leak Investigations

A total of 41,431 customers contacted Irish Water to avail of the free leak investigation under the scheme. A total of 43,254 investigations were requested, which include repeat visits where customers installed an Internal Stop Valve (ISV) after an initial leak investigation visit.

Irish Water contacts customers within 10 business days to arrange a convenient time for an appointment to carry out the free leak investigation at a property. A total of 42,832 leak investigations had been undertaken by the end of Q2 2017. The remaining customers that had requested a leak investigation to the end of Q2 2017, either had appointments scheduled or were in the process of having appointments scheduled.

From the 42,832 completed leak investigations 9,335 leaks on external supply pipes were identified. Irish Water has offered these customers with leaks on their external supply pipe a free leak repair under the scheme. The remaining 33,497 leak investigations identified non-qualifying leaks.



There were three main reasons why these leaks were non-qualifying:

- A total of 9,366 properties surveyed did not have an operational Internal Stop Valve (ISV) and the survey could not be progressed. In many cases, the ISV was present but not operational. Customers are advised of the need to have a working ISV installed in order for the leak investigation to be completed.
- 2) In addition, a total of 675 properties have been identified through the First Fix process where the property does not qualify or the survey could not progress as it is served through a shared or backyard service.
- 3) The remaining leak investigations identified internal plumbing and other issues, which come under the remit of the home owner. As with all internal repair and maintenance in a customer's home, if a leak is confirmed internal to the house then it should be repaired by the homeowner.

4.3. Leak Repairs

Customers are asked to review the terms and conditions of the leak repair offer and sign the offer documentation after which Irish Water will contact the customer to schedule the leak repair at a suitable time. On receipt of the documentation Irish Water contacts customers within 10 working days to arrange a convenient time for an appointment to carry out the free leak repair at a property. At the end of Q2 2017 Irish Water had completed 8,097 free leak repairs under the First Fix Leak Repair scheme. Of the remaining 1,238 customers to whom Irish Water offered a free leak repair, 779 no longer qualified for repair (e.g. repaired by the customer or found to be non-qualifying after further detailed investigation) 459 had yet to accept the leak repair offer.

4.4. Customer Repairs

From the data collected through meter reading we know that 36,524 customers have repaired leaks on their property themselves after receiving a constant flow advice letter. Irish Water would like to thank all customers who repaired leaks on their property. These repairs have made a significant contribution to national water conservation.

4.5. Water Savings

The issuance of constant flow advice letters has targeted the largest leaks first and the result of this can be seen from the estimated savings of 104.8 million litres of water per day achieved to the end of Q2 2017. A cumulative estimated total of 48.9 million litres per day has been saved through First Fix repairs and a further estimated 55.9 million litres from customer repairs. Savings are calculated from a comparison of meter data collected prior to and after the repair work being undertaken. For customer repairs, the constant flow alert is no longer active and the meter data shows a supporting drop in water usage over two read periods.



4.6. Project Expenditure

The project expenditure is reported quarterly in arrears. The cumulative total expenditure up to the end of Q2 2017 (end of June 2017) is €21,011,601 consisting of €9,786,603 for leak investigations, €7,712,406 for repairs and €3,512,592 for additional costs.

5. Next Steps

Irish Water will continue to implement the First Fix Leak Repair scheme through the interim contract and will issue the next quarterly report, for Q3 2017, to the CRU at the end of Q4 2017.



Table 2: Overall Project Summary (last four quarters shown)

Number of Continuous Flow Alarms Detected	43,174 17,117 40,268 100,559	2017-06 43,174 17,117 40,268 100,559	
Number of Customer Notifications Issued (Cumulative) Period	2017-05 43,174 7 17,117 8 40,268 0 100,559	2017-06 43,174 17,117 40,268 100,559	
Number of Customer Notifications Issued (Cumulative) East and Midlands 40,908 42,816 43,138 43,143 43,172 43,174 43,174 43,174 43,174 43,174 17,117	43,174 17,117 40,268 100,559	43,174 17,117 40,268 100,559	
Notifications Issued (Cumulative) North and West 16,098 16,927 17,104 17,107 17,117 17,	17,117 40,268 100,559	17,117 40,268 100,559	
North and West 16,098 16,927 17,104 17,107 17,117 1	17,117 40,268 100,559	17,117 40,268 100,559	
Southern 37,911 39,991 40,237 40,252 40,267 40,268	40,268	40,268 100,559	
Grand Total 94,917 99,734 100,479 100,502 100,559	100,559	100,559	
A total of 100,559 constant flow advice letters issued to the end of Q4 2016. No constant flow advice letters were issued in	,		
customers will be notified in 03 2017		se	
castomers will be notified in Q5 2017.			
Period Q3 2016 Q4 2016 Q1 2017	Q2 2017		
Region 2016-07 2016-08 2016-09 2016-10 2016-11 2016-12 2017-01 2017-02 2017-03 2017-0	2017-05	2017-06	
Customer Responses requesting Fast and Midlands 17 004 17 500 18 076 18 292 18 495 18 504 18 630 18 639 18 652 18 672	18,794	18,902	
3 a Free Leak Investigation (Cumulative) North and West 5,987 6,244 6,433 6,493 6,560 6,598 6,603 6,603 6,604 6,603		6,688	
(cumulative) Southern 14,157 14,822 15,271 15,432 15,587 15,673 15,689 15,692 15,693 15,72		15,841	
Grand Total 37,148 38,656 39,780 40,217 40,642 40,865 40,922 40,934 40,949 41,00		41,431	
41,431 customers contacted Irish Water to request a free leak investigation. A total of 43,254 leak investigations have been	,		
Q2 2017 (second leak investigation where a customer installs an ISV after advice from first leak investigation survey).			
Period Q3 2016 Q4 2016 Q1 2017	Q2 2017		
Region 2016-07 2016-08 2016-09 2016-10 2016-12 2017-01 2017-02 2017-03 2017-0		2017-06	
Leak Investigations Completed East and Midlands 16,450 17,030 17,360 17,799 18,335 18,580 18,736 18,795 18,808 18,82		19,058	
4 (Cumulative) North and West 5,962 6,352 6,551 6,669 6,781 6,854 6,885 6,938 6,939 6,949		7,023	
Southern 14,116 14,985 15,600 16,000 16,286 16,444 16,482 16,602 16,603 16,603		16,751	
Grand Total 36,528 38,367 39,511 40,468 41,402 41,878 42,103 42,335 42,350 42,405 42,832 eak investigations were carried out to the end of Q2 2017. This includes second investigation caried out at the same	, , , ,	42,832	
42,052 leak livestigations were carried out to the end of Q2 2017. This includes second investigation carred out at the salite	property.		
0.204	03 2017		
Period Q3 2016 Q4 2016 Q1 2017	Q2 2017 2017-05	2017-06	
Leak Repairs Created Fast and Midlands 3 985 4 098 4 157 4 237 4 345 4 408 4 458 4 477 4 489 4 50		4,651	
4a (Cumulative) North and West 1,086 1,149 1,188 1,201 1,230 1,251 1,258 1,262 1,262 1,262		1,291	
Southern 2,867 3,050 3,157 3,218 3,275 3,306 3,319 3,326 3,329 3,33	3,353	3,393	
Grand Total 7,938 8,297 8,502 8,656 8,850 8,965 9,035 9,065 9,080 9,10	9,196	9,335	
Of the 42,832 completed leak investigations carried out at the end of Q2 2017, 9,335 were found to be on the external supp	y pipe.		
Period Q3 2016 Q4 2016 Q1 2017	Q2 2017		
Region 2016-07 2016-08 2016-09 2016-10 2016-11 2016-12 2017-01 2017-02 2017-03 2017-0	2017-05	2017-06	
lack Benairs Completed Fact and Midlands 2 379 2 304 2 519 2 515 2 700 2 770 2 039 2 051 2 077 2 09	4,052	4,116	
5 (Cumulative) North and West 734 765 810 864 911 940 1,010 1,017 1,017 1,017		1,048	
Southern 2,081 2,165 2,338 2,539 2,640 2,734 2,871 2,872 2,875 2,88		2,933	
Grand Total 6.093 6.324 6.666 7.019 7.260 7.444 7.819 7.850 7.864 7.89		8.097	
In respect of the 9,355 qualifying leaks, 8,097 free leak repairs were carried out. For the remaining 1,238 leaks, 779 no long	, , , , ,	-,	
(e.g repaired or found to be non-qualifying after further detailed investigation)			



Table 2: Overall Project Summary (continued)

		Period		Q3 2016			Q4 2016			Q1 2017			Q2 2017		
		Region	2016-07	2016-08	2016-09	2016-10	2016-11	2016-12	2017-01	2017-02	2017-03	2017-04	2017-05	2017-06	
	Estimated Water Savings from	East and Midlands	19.68	20.19	20.55	21.38	21.93	22.45	23.24	23.46	23.50	23.58	23.89	24.01	
6	First Fix Repairs (ML/day - Cumulative)	North and West	4.83	5.11	5.31	5.64	5.89	6.12	6.52	6.56	6.56	6.56	6.76	6.82	
	(mz/ady camalacive)	Southern	13.50	13.98	14.96	15.86	16.50	17.13	17.83	17.83	17.90	18.01	18.04	18.08	
		Grand Total	38.01	39.27	40.81	42.89	44.31	45.70	47.59	47.85	47.95	48.15	48.69	48.91	
		A cumulative estim								cheme rep	airs. Savin	gs are calcu	lated from	n a	
		<u>'</u>	comparison of meter data collected prior to and after the repair work being undertaken.												
		Period		Q3 2016			Q4 2016	1		Q1 2017			Q2 2017		
		Region	2016-07	2016-08	2016-09	2016-10	2016-11	2016-12	2017-01	2017-02	2017-03	2017-04	2017-05	2017-06	
7	Customer Repairs Completed	East and Midlands	11,555	12,377	13,336	13,864	14,184	14,456	14,586	14,638	14,653	16,588	16,681	16,688	
	(Cumulative)	North and West	3,511	3,904	4,258	4,456	4,580	4,690	4,750	4,765	4,776	5,564	5,624	5,630	
		Southern	9,170	10,150	11,105	11,598	11,897	12,139	12,278	12,310	12,321	14,107	14,200	14,260	
		Grand Total	24,236	26,431	28,699	29,918	30,661	31,285	31,614	31,713	31,750	36,259	36,505	36,524	
		Customer repairs a two confirmed me notification.		-	-			_						-	
		Period		Q3 2016 Q4 2016						Q1 2017			Q2 2017		
		Region	2016-07	2016-08	2016-09	2016-10	2016-11	2016-12	2017-01	2017-02	2017-03	2017-04	2017-05	2017-06	
8	Estimated Savings from	East and Midlands	19.38	20.38	21.66	22.26	22.86	23.24	23.38	23.47	23.51	23.59	23.65	23.72	
0	Customer Repairs (Cumulative)	North and West	5.57	6.17	6.67	7.06	7.17	7.36	7.43	7.43	7.50	7.52	7.56	7.59	
		Southern	14.75	15.95	17.04	17.79	18.22	18.74	18.94	18.95	18.98	19.00	19.03	19.05	
		Grand Total	39.70	42.50	45.37	47.12	48.25	49.34	49.74	49.85	49.99	55.84	55.92	55.94	
		An estimated 55.94 million litres of water per day has been saved from customer repairs. Savings are calculated from a comparison of meter dat collected prior to and after the repair work being undertaken. The completion of a repair is indicated when the leak alarm is no longer active, with a supporting drop in water usage. The estimated savings from customer repairs are confirmed once two meter readings are collected after the repair.													
			1									0.	are correct	ed after	
		Period		Q3 2016			Q4 2016	ı		Q1 2017		0	Q2 2017	ed after	
		Period Region	2016-07	Q3 2016 2016-08	2016-09	2016-10	Q4 2016 2016-11	2016-12	2017-01	Q1 2017 2017-02	2017-03	2017-04		2017-06	
9	Known Properties Without an		2016-07 3,129		2016-09 3,270	2016-10 3,334		2016-12 3,468	2017-01 3,477		2017-03 3,487		Q2 2017		
9	Known Properties Without an Operational ISV (Cumulative)	Region		2016-08			2016-11			2017-02		2017-04	Q2 2017 2017-05	2017-06	
9	· ·	Region East and Midlands	3,129	2016-08 3,217	3,270	3,334	2016-11 3,426	3,468	3,477	2017-02 3,485	3,487	2017-04 3,487	Q2 2017 2017-05 3,488	2017-06 3,490	
9	· ·	Region East and Midlands North and West Southern Grand Total	3,129 1,368 3,849 8,346	3,217 1,455 4,024 8,696	3,270 1,487 4,148 8,905	3,334 1,513 4,219 9,066	3,426 1,526 4,280 9,232	3,468 1,544 4,315 9,327	3,477 1,551 4,319 9,347	3,485 1,553 4,321 9,359	3,487 1,554 4,321 9,362	2017-04 3,487 1,554 4,321 9,362	Q2 2017 2017-05 3,488 1,554 4,321 9,363	2017-06 3,490 1,555 4,321 9,366	
9	· ·	Region East and Midlands North and West Southern Grand Total A total of 9,366 pro	3,129 1,368 3,849 8,346 perties did	2016-08 3,217 1,455 4,024 8,696 not have an	3,270 1,487 4,148 8,905 operation	3,334 1,513 4,219 9,066	3,426 1,526 4,280 9,232	3,468 1,544 4,315 9,327	3,477 1,551 4,319 9,347	3,485 1,553 4,321 9,359	3,487 1,554 4,321 9,362	2017-04 3,487 1,554 4,321 9,362	Q2 2017 2017-05 3,488 1,554 4,321 9,363	2017-06 3,490 1,555 4,321 9,366	
9	Operational ISV (Cumulative)	Region East and Midlands North and West Southern Grand Total	3,129 1,368 3,849 8,346 perties did	2016-08 3,217 1,455 4,024 8,696 not have an	3,270 1,487 4,148 8,905 operation	3,334 1,513 4,219 9,066	3,426 1,526 4,280 9,232	3,468 1,544 4,315 9,327	3,477 1,551 4,319 9,347	3,485 1,553 4,321 9,359	3,487 1,554 4,321 9,362	2017-04 3,487 1,554 4,321 9,362	Q2 2017 2017-05 3,488 1,554 4,321 9,363	2017-06 3,490 1,555 4,321 9,366	
	Operational ISV (Cumulative) Number of Non-Qualifying	Region East and Midlands North and West Southern Grand Total A total of 9,366 pro cases the ISV was p	3,129 1,368 3,849 8,346 perties did	2016-08 3,217 1,455 4,024 8,696 not have an not operation	3,270 1,487 4,148 8,905 operation	3,334 1,513 4,219 9,066	2016-11 3,426 1,526 4,280 9,232 Stop Valv	3,468 1,544 4,315 9,327	3,477 1,551 4,319 9,347	2017-02 3,485 1,553 4,321 9,359 nvestigation	3,487 1,554 4,321 9,362	2017-04 3,487 1,554 4,321 9,362	Q2 2017 2017-05 3,488 1,554 4,321 9,363 essed. In m	2017-06 3,490 1,555 4,321 9,366	
9	Operational ISV (Cumulative)	Region East and Midlands North and West Southern Grand Total A total of 9,366 pro	3,129 1,368 3,849 8,346 perties did	2016-08 3,217 1,455 4,024 8,696 not have an	3,270 1,487 4,148 8,905 operation	3,334 1,513 4,219 9,066	3,426 1,526 4,280 9,232	3,468 1,544 4,315 9,327	3,477 1,551 4,319 9,347	3,485 1,553 4,321 9,359	3,487 1,554 4,321 9,362	2017-04 3,487 1,554 4,321 9,362	Q2 2017 2017-05 3,488 1,554 4,321 9,363	2017-06 3,490 1,555 4,321 9,366	
	Operational ISV (Cumulative) Number of Non-Qualifying Properties Served Through a Shared or Backyard Pipe	Region East and Midlands North and West Southern Grand Total A total of 9,366 pro cases the ISV was p	3,129 1,368 3,849 8,346 perties did resent but	2016-08 3,217 1,455 4,024 8,696 not have an not operation	3,270 1,487 4,148 8,905 operation onal.	3,334 1,513 4,219 9,066 aal Internal	2016-11 3,426 1,526 4,280 9,232 Stop Valv	3,468 1,544 4,315 9,327 re (ISV) and	3,477 1,551 4,319 9,347 I the leak i	2017-02 3,485 1,553 4,321 9,359 nvestigation	3,487 1,554 4,321 9,362 on could no	2017-04 3,487 1,554 4,321 9,362 ot be progr	Q2 2017 2017-05 3,488 1,554 4,321 9,363 essed. In n	2017-06 3,490 1,555 4,321 9,366 nany	
	Operational ISV (Cumulative) Number of Non-Qualifying Properties Served Through a Shared or Backyard Pipe	Region East and Midlands North and West Southern Grand Total A total of 9,366 pro cases the ISV was p Total 675 properties wer	3,129 1,368 3,849 8,346 perties did resent but	2016-08 3,217 1,455 4,024 8,696 not have an not operation	3,270 1,487 4,148 8,905 operation onal.	3,334 1,513 4,219 9,066 nal Internal	2016-11 3,426 1,526 4,280 9,232 Stop Valv Q4 2016	3,468 1,544 4,315 9,327 e (ISV) and	3,477 1,551 4,319 9,347 I the leak i	2017-02 3,485 1,553 4,321 9,359 nvestigation Q1 2017	3,487 1,554 4,321 9,362 on could no	2017-04 3,487 1,554 4,321 9,362 bt be progr	Q2 2017 2017-05 3,488 1,554 4,321 9,363 essed. In n	2017-06 3,490 1,555 4,321 9,366 nany	
	Operational ISV (Cumulative) Number of Non-Qualifying Properties Served Through a Shared or Backyard Pipe	Region East and Midlands North and West Southern Grand Total A total of 9,366 pro cases the ISV was p Total 675 properties wer supply isolated.	3,129 1,368 3,849 8,346 persent but Dublin Cit	2016-08 3,217 1,455 4,024 8,696 not have an not operation Q3 2016	3,270 1,487 4,148 8,905 operation onal. 634 diffying for tublin, Kilda	3,334 1,513 4,219 9,066 aal Internal	2016-11 3,426 1,526 4,280 9,232 Stop Valv Q4 2016 e as they a	3,468 1,544 4,315 9,327 e (ISV) and	3,477 1,551 4,319 9,347 I the leak i	2017-02 3,485 1,553 4,321 9,359 nvestigation Q1 2017	3,487 1,554 4,321 9,362 on could no	2017-04 3,487 1,554 4,321 9,362 bt be progr	Q2 2017 2017-05 3,488 1,554 4,321 9,363 essed. In n	2017-06 3,490 1,555 4,321 9,366 nany	

Note: Meter read data is used to confirm that a customer repair has been carried out. Number of customer repairs and estimated savings will be included in the report once two confirmed meter readings are collected after the repair date. As such, the number of customer repairs noted above for each month is expected to increase in the next report as more confirmed readings are collected.