

## **Client: Newbury, RG14**

#### Mains water meter information

Size (mm)	15-28	~	32-50		75-100		125- 200		Above 200mm
Serial number	01M12345								
Readings (1)	2911 <mark>.194</mark>			Time:	09.16 31/07/2019				
Readings (2)	2911 <mark>.229</mark>			Time:	09.21 31/07/2019				
Location	Meter located in footpath RHS of entrance (Boundary Box)								

## Leakage Activities

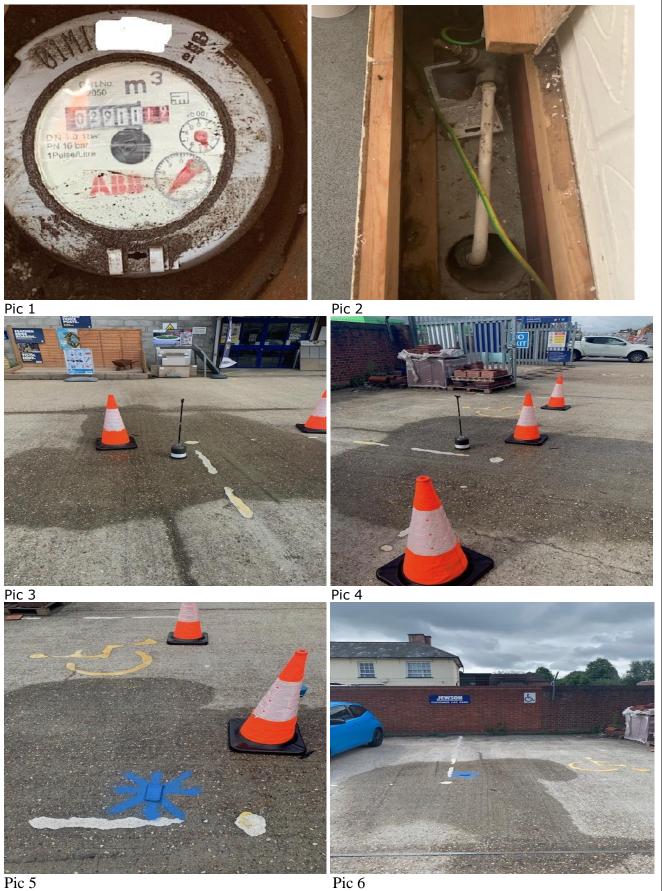
Acoustic sounding	~	Correlation	1	Ground microphone		✓	Environmenta Inspection	I
Other	Isolation of rising main							
Pipe traced	CAT & Genny					Distance	e	
Pipe correlated	Accelerometer		Н	ydrophones		Distance	e	

## **Background Information**

A leak has been identified by site staff, area of flooding in front of entrance doors next to disabled parking bay

# Activity Summary

## Pipework & Metering



Pic 5

#### Leakage Survey Activities

On arriving at site, it was evident where the area of possible leakage was as there was a large wet patch in the yard opp the main entrance doors, on checking the main meter (pic 1) which had a constant flow rate. I shut of the internal stop tap (pic 2)at the POE and re checked the meter, it still had a constant flow rate confirming a leak on the supply pipe. The flow rate was timed over a one minute period and the flow rate was recorded at 6LPM. This equates to 360LPM per hour, ADU 8.64 = Cost **£7,504.40** per annum.

The internal stop tap (pic 2)was re opened and a surface sounding exercise was carried out around where the wet patch was in the yard, it was very difficult to pinpoint the leak due to a very busy road outside the site and road traffic noise was very high. After a long waiting game sounding in between the traffic gaps, a leak noise was located and marked with a blue cross.

If the blue mark rubs off it will be easy to work out where the leak is based on the photos of the area (pic 3,4,5&6).

## Summary & Recommendations

#### Summary:

External leak located on supply and marked with blue paint

#### **Recommendations:**

Excavate and repair

#### Survey carried out by

H2O Building Services Date 31 <sup>st</sup> July 2019
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