

Residential inspection report

Underground household water-supply pipe | Anonymised completed case

PUBLIC SAMPLE

Personal and site-identifying information has been removed. The inspection scope, methods and findings shown are based on an actual completed investigation. Report contents vary with the agreed quotation scope and site conditions.

PUBLIC SAMPLE REFERENCE	LPP-PUBLIC-RES-20261002
SYSTEM	Residential water-supply pipe
PIPE DATA	1-inch HDPE; estimated burial depth about 400 mm
SITE ATTENDANCE	One completed residential investigation. Inspection date and attendance times are not stated in the available case record.
RECORDED RESULT	Suspected area marked; pipe exposed and repaired by the appointed plumber. Normal meter behaviour was later reported by the owner.

Reason for the investigation

The owner reported an unusually high water bill and continued meter movement when normal water use had stopped. Earlier plumbing checks had not located the problem. The owner sought specialist investigation before replacing the whole pipe.

Inspection scope

Review and acoustic investigation of the accessible residential supply-pipe route, followed by surface marking of the suspected area for the appointed plumber. Excavation, repair and reinstatement were separate from LeakPinpoint's work.

ABOUT THIS EDITION

This is a retrospective public sample prepared from the completed case record and its field photographs. It is not a copy of an original client-issued report. The public reference above is an edition identifier, not an original job report number.

Method and observations

Field method

1. Normal water use inside the property was stopped before the investigation.
2. The accessible 1-inch HDPE supply route was reviewed.
3. Ground listening and progressive acoustic comparisons were carried out at several suitable points.
4. Responses along the route were compared before attention was narrowed and a suspected area was marked.

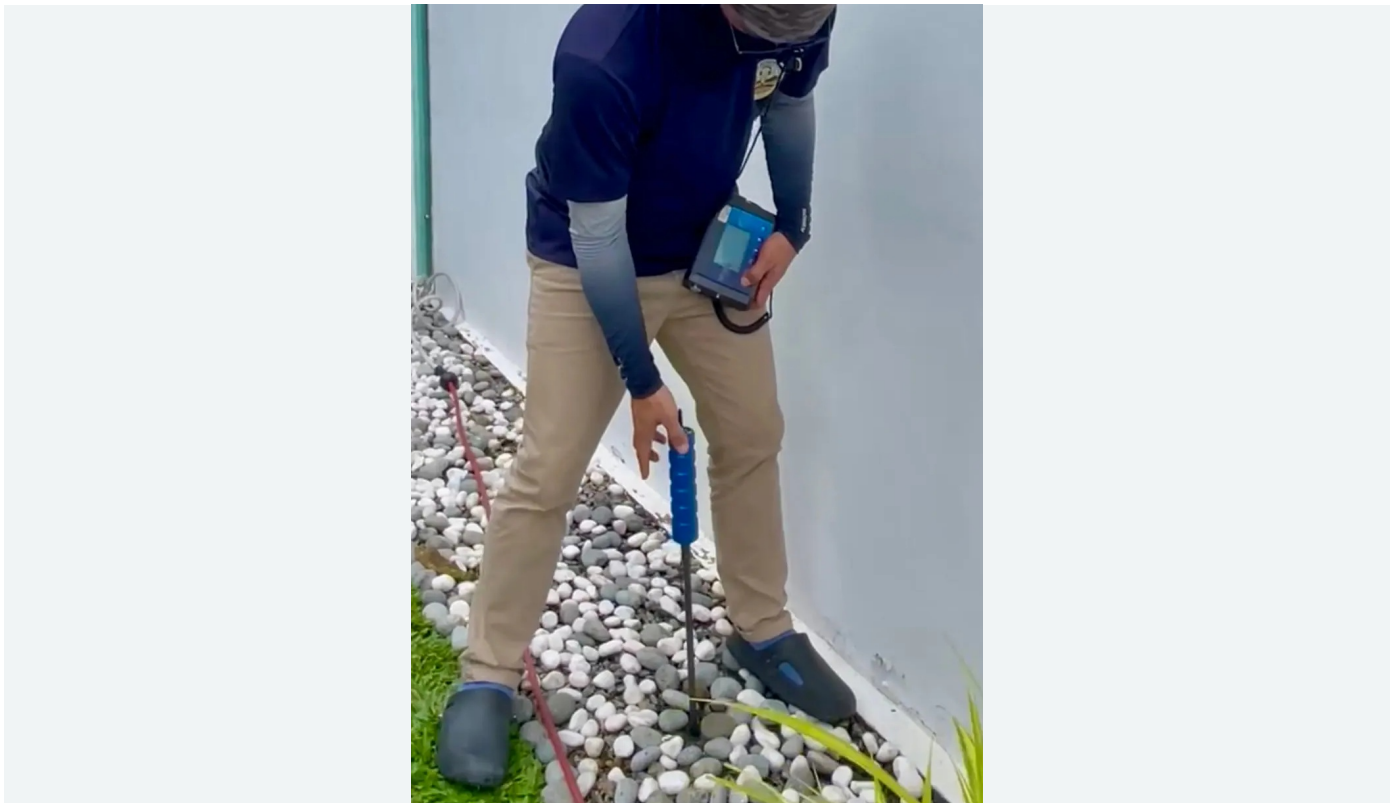


Photo A. Focused ground listening along the residential supply route. Cropped from the actual case photograph to limit wider property details.

Observation and interpretation

Continued meter movement supported further investigation of unexplained water use. It did not establish a buried leak location by itself. Acoustic comparison narrowed the accessible route to an area suitable for controlled physical checking.

MEASUREMENT BOUNDARY

No measured leak rate, complete route length, pressure reading or instrument waveform is supplied in the available case record. These values are therefore not added to this sample.

Finding and field evidence

Finding F01 - Suspected area marked

A surface mark was placed after acoustic comparison to guide the appointed plumber. The mark was a practical starting point for excavation and did not guarantee the exact defect position.

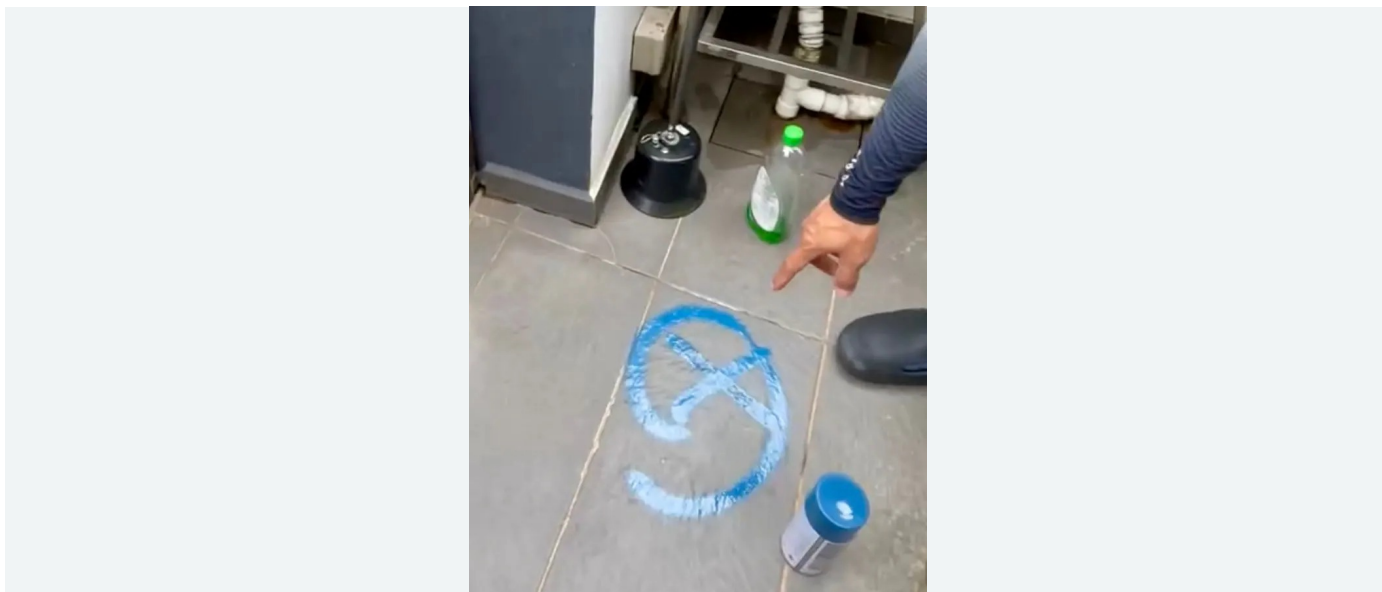


Photo B. Blue surface marking in the investigated area. Actual case photograph.

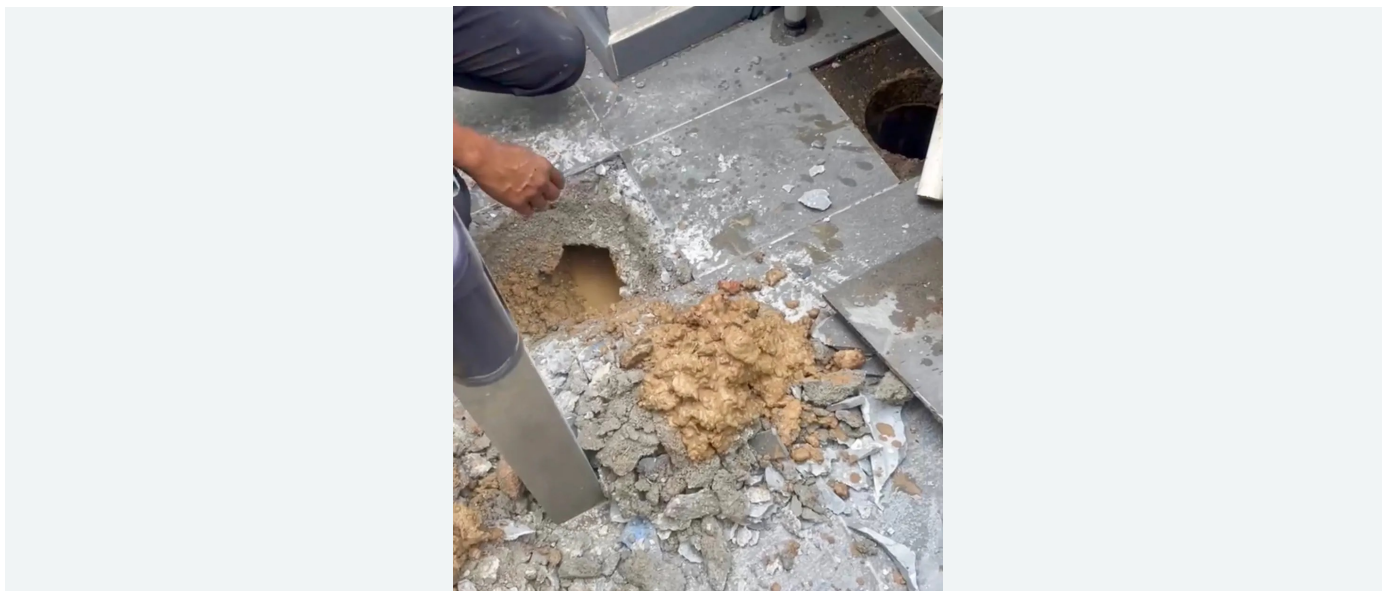


Photo C. Controlled excavation by the customer-appointed plumber. The case record states that the relevant pipe was exposed and a defect repaired; this photograph alone does not establish the defect type.

Outcome and next steps

Recorded follow-up

The customer-appointed plumber exposed the HDPE pipe near the marked area and carried out repair and reinstatement. After repair, the owner reported that the water meter returned to normal behaviour. This post-repair result is customer-reported; this sample does not claim an independent post-repair meter test by LeakPinpoint.

Recommendations illustrated by this case

For a similar investigation, the appointed plumber should carefully expose the marked area and verify the actual pipe defect before repair. After repair, observe the meter under comparable conditions with normal water use stopped. If unexplained movement remains, review other water use and the remaining pipework before agreeing further investigation.

Limitations

The exact leak rate, complete pipe-route length, exact defect type and mark-to-defect distance were not independently documented. The actual pipe condition and repair requirement were established only after excavation. Acoustic observations depend on pipe material, pressure, depth, access, surrounding conditions and noise.

This report records the available evidence for this completed case. It does not guarantee the same result at another property or establish that every possible additional leak has been excluded. Detection, excavation and repair responsibilities must be defined in each quotation.

PUBLIC SAMPLE PURPOSE

This sample shows how scope, field evidence, suspected-location marking and later customer feedback can be distinguished. Private addresses, contact details and original identifying references are omitted.

Project enquiries

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