



LEAK-DETECTION DIAGNOSTIC REPORT

Sample diagnostic report

This is a sample of the written report you receive within 24 hours of a diagnostic — where the water is going, the evidence behind it, photos, and a repair quote where the leak is repairable. It is formatted to support a Water Corporation high-bill dispute and an insurance claim.

Sample layout

The property, findings, measurements, and figures below are illustrative, included to show how the report is structured. An issued report contains your pool's actual findings, site photographs, a firm repair quote, and the technician's name and certification.

REPORT REFERENCE

SAMPLE — not an issued report

INSPECTION DATE

Shown on issued reports

DIAGNOSTIC TIER

Tier B — full diagnostic, structural dive included

REPORT ISSUED

Within 24 hours of inspection

PROPERTY

Sample property, Perth metro WA

PREPARED BY

Technician name and certification on issued reports

1 Where the water is going

The finding, in plain terms: the source of the loss and where it sits. Not "there may be a leak" but the named place the water is leaving the pool.

Sample finding

A leak on the pressurised return line, about 1.8 m along the run between the equipment pad and the pool wall, roughly 0.4 m below grade. The shell, fittings, and main drain were inspected and found sound — the loss is from the buried return line, not the structure.

2 The evidence behind it

How we reached the finding — the loss measured against the day's conditions, which lines held pressure and which bled off, where the acoustic trace peaked, and what the dive inspection found.

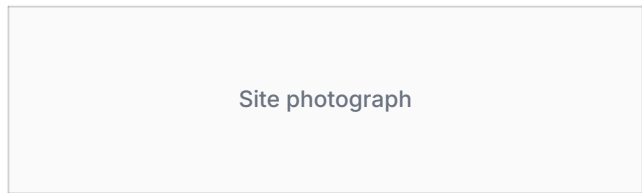
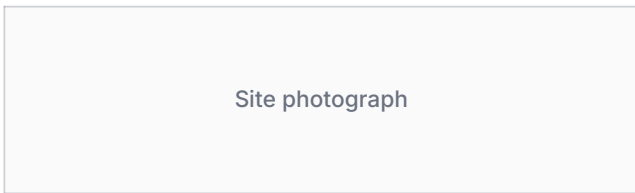
| METHOD | WHAT WE FOUND |
|-----------------------------|---|
| Evaporation baseline | Measured loss about 14 mm/day against roughly 6 mm/day expected for the day's conditions — about 8 mm/day unaccounted for by evaporation. |
| Pressure test | Suction line held pressure. Return line bled from test pressure to zero over about six minutes — a leak on the return side. |



| | |
|---------------------------------|--|
| Acoustic trace | Ground-microphone sweep of the return run peaked about 1.8 m from the equipment pad, pinning the leak to a small area. |
| Structural dive (Tier B) | Shell, fittings, and main drain inspected at depth — no structural defect found, consistent with a buried-line leak. |

3 Photos

Issued reports include site photographs of the source and the evidence, so the finding is something you can see rather than take on trust. The frames below show where they sit in the report.



Photographs appear on issued reports only.

4 A repair quote where the leak is repairable

Where the leak can be repaired, the report includes a quote for the work, so you can decide what happens next without chasing a separate assessment. Where a repair is not straightforward, the report says so plainly.

| ITEM | AMOUNT |
|---|--------|
| Excavate and expose the return line at the located point (about 1.8 m of run) | — |
| Replace the failed section and re-pressure-test the line | — |
| Backfill and reinstate the surface | — |
| Total | — |

Sample — issued reports carry a firm price for each line and a total. Figures are omitted on this sample.

What this report supports

WA permanent water rules allow pool top-up only to replace evaporation. A pool consistently topping above evaporation rates is operating outside the rules — and Water Corporation high-bill alerts often follow. A dated finding, the measured loss it rests on, and photos are what a high-bill review turns on, and the same evidence supports an insurance claim where the leak has caused damage. Whether a particular loss is covered is between you and your insurer; what this report provides is the named source, the proof, the photos, and the cost to put it right.

This is a sample document. Perth Pool Leak Doctors is the leak-detection department of Pool Doctors. Business registration, licence, and technician certification details appear on issued reports.