LEAKHAWK

COMPRESSED AIR LEAK AUDIT

Sample report

Nothing gets past us. This is a worked example of a LeakHawk audit report: the same format, the same fields, the same acoustic photographs a real site walk-through produces. The site, leak locations and dollar figures below are a representative example, not results from an actual client engagement.

26	31.1 CFM	$26,188/yr
Leaks found	Estimated air lost	Estimated cost

PREPARED FOR

Coastal Foods Pty Ltd · Toowoomba production facility — Line 3

Survey date 14 August 2026 · Scanned live during production, 56 minutes

SURVEY SUMMARY

What we did, and under what conditions

LeakHawk walked the compressed air and vacuum lines on this line while production kept running, using a Fluke ii900 acoustic imager to listen across the audible and ultrasonic range and locate every leak by sound rather than sight. No isolation, no shutdown, no lost output for the scan itself.

Facility	Coastal Foods Pty Ltd — Toowoomba, QLD
Survey date	14 August 2026
Scan duration	56 minutes
Equipment used	Fluke ii900 acoustic imager, 64-microphone array
System pressure	72.5 psi (5.0 bar(g))
Electricity rate assumed	$0.32 / kWh
Operating schedule assumed	8,760 hrs/yr (continuous, 24/7)
Leaks logged	26 of 26 scanned points

26
Leaks found

31.1 CFM
≈ 882 L/min lost

$26,188/yr
Estimated cost at $0.32/kWh

Every figure on this page and the pages that follow traces back to a measured sound level and distance at a specific fitting, not a desk estimate or an industry average applied blind. Full detail for every leak, including the acoustic photograph, is in the report your site receives.

Sample report — illustrative site and figures, not results from an actual client engagement.

LEAK-BY-LEAK SUMMARY

Every leak found, ranked by cost

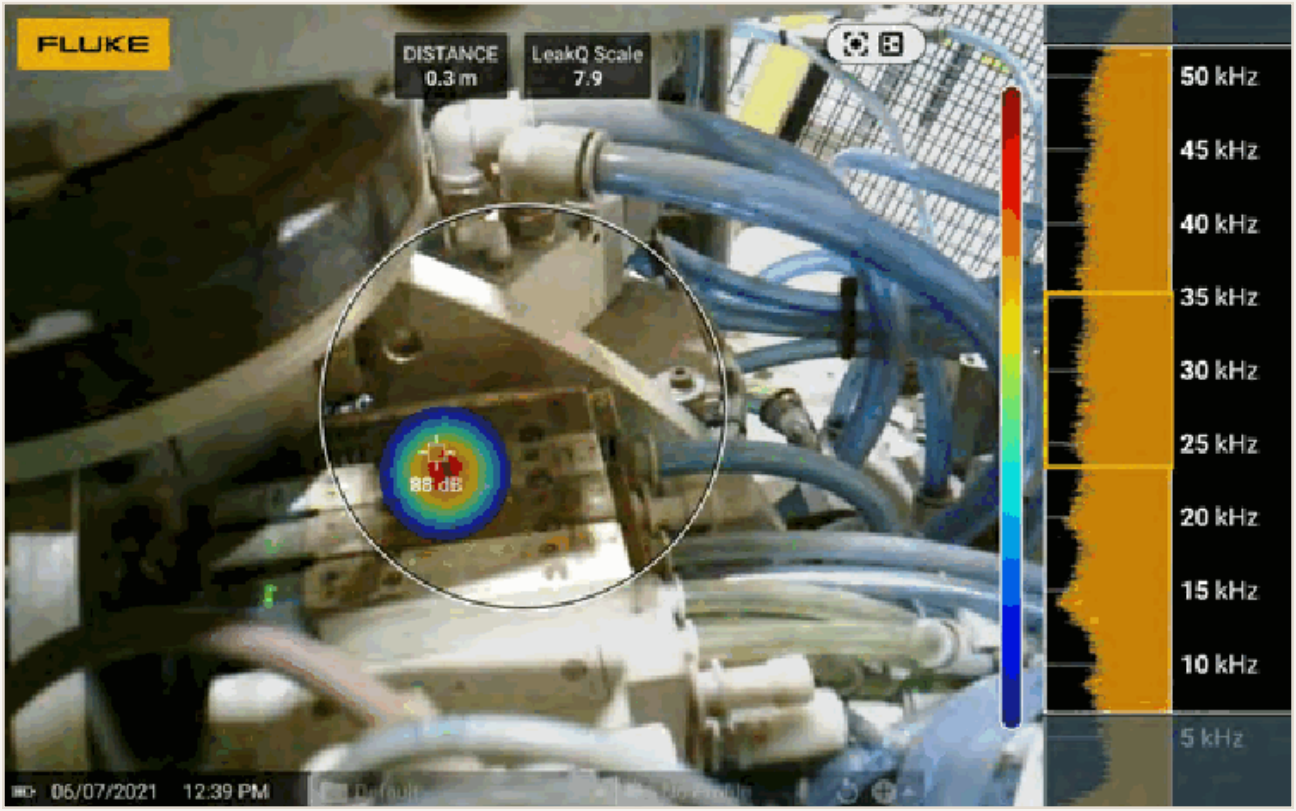
Logged, located and priced individually so your team can prioritise by dollar value, not by guesswork.

#	Location	Type	Flow	Cost/yr
1	Robot cell 3 — head assembly	Threaded Coupling	100.9 L/min	$2,997
2	Ram-lock cylinder 3	Threaded Coupling	97.9 L/min	$2,907
3	Manifold M2	Threaded Coupling	82.5 L/min	$2,450
4	Wrapper 2 — valve bank	Quick Connect	76.5 L/min	$2,272
5	Wrapper 1 — valve bank	Threaded Coupling	75.7 L/min	$2,248
6	Vacuum pancake cylinder (P58)	Quick Connect	59.5 L/min	$1,767
7	Label station coupling	Threaded Coupling	51.9 L/min	$1,541
8	Packing line 4 regulator	Other	50.3 L/min	$1,494
9	Ram-lock cylinder, coupling	Threaded Coupling	43.3 L/min	$1,286
10	Line D2 coupling	Threaded Coupling	33.9 L/min	$1,007
11	Dust collector filter	Other	28.7 L/min	$852
12	Valve SR1 air supply	Quick Connect	24.6 L/min	$731
13	Vacuum line, overhead	Threaded Coupling	23.7 L/min	$704
14	Mix-bowl vacuum inlet	Threaded Coupling	21.6 L/min	$641
15	Central dust collector	Quick Connect	19.9 L/min	$591
16	Vacuum pipe run	Threaded Coupling	19.4 L/min	$576
17	Filler 1 — quick-connect fitting	Quick Connect	18.4 L/min	$546
18	Valve SR1, secondary	Quick Connect	15.6 L/min	$463
19	Vacuum cyclone separator	Threaded Coupling	15.5 L/min	$460
20	Vacuum line coupling	Threaded Coupling	6.2 L/min	$184
21	Air dryer filter housing	Other	4.7 L/min	$140
22	Oven 14 gas line fitting	Other	4.6 L/min	$137
23	Oven 14 fitting	Other	3.0 L/min	$89
24	Compressor GA55 outlet	Threaded Coupling	1.8 L/min	$53
25	Robot cell vacuum pump	Threaded Coupling	1.0 L/min	$30
26	Oven 15 air fitting	Threaded Coupling	0.7 L/min	$21
	TOTAL — 26 leaks		881.8 L/min	$26,188/yr

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LEAK DETAIL · RANKED #1 OF 26 BY COST

Robot cell 3 — head assembly



Live acoustic capture: colour sound-map overlaid on the on-site camera image.

LEAK TYPE	DISTANCE TO SOURCE	ESTIMATED FLOW
Threaded Coupling	**0.3 m**	**100.9 L/min** (3.56 CFM)
REPAIR PRIORITY: HIGH		ESTIMATED ANNUAL COST **$2,997/yr**

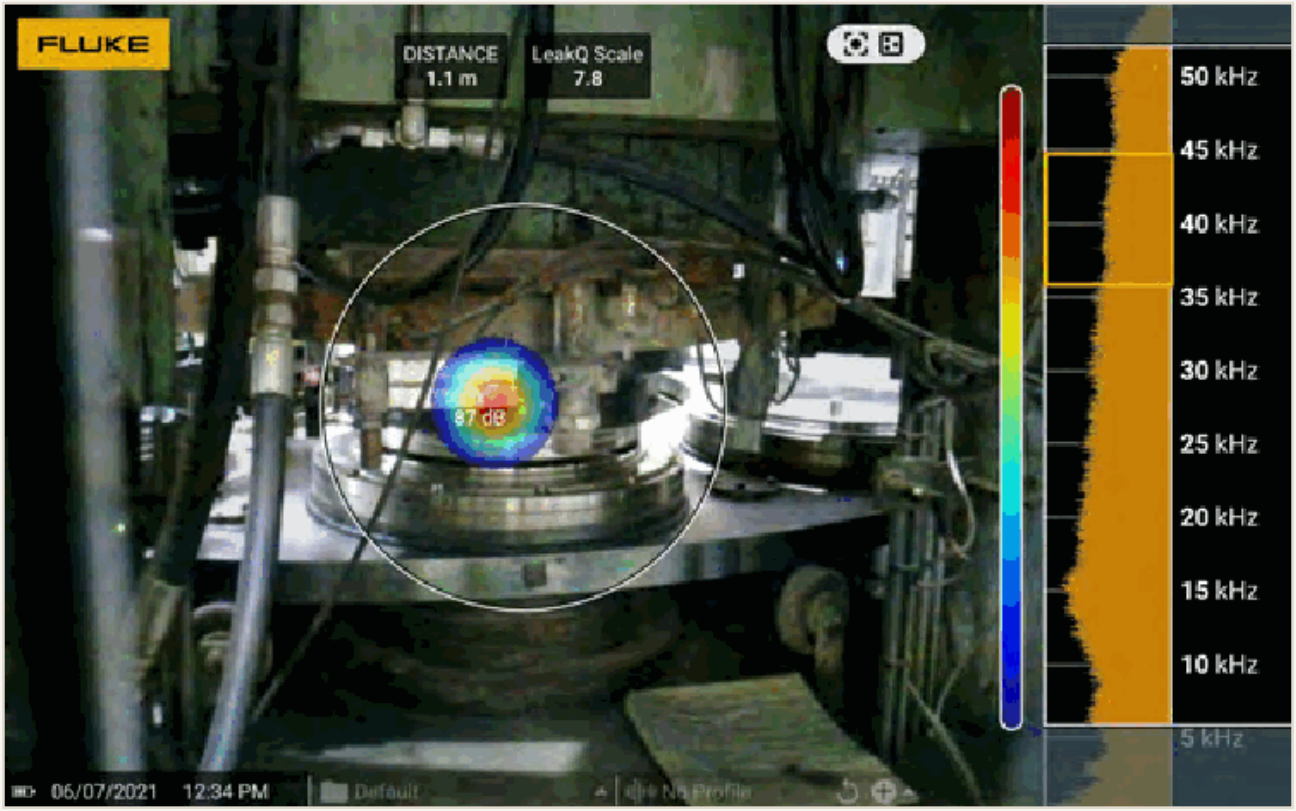
Field note

Threaded coupling, robot cell 3 head assembly. Leak source confirmed acoustically at 0.3 m; not audible at ambient plant noise levels and not visible without imaging.

Sample report — illustrative site and figures, not results from an actual client engagement.

LEAK DETAIL · RANKED #2 OF 26 BY COST

Ram-lock cylinder 3



Live acoustic capture: colour sound-map overlaid on the on-site camera image.

LEAK TYPE	DISTANCE TO SOURCE	ESTIMATED FLOW
Threaded Coupling	**1.1 m**	**97.9 L/min** (3.46 CFM)
REPAIR PRIORITY: HIGH		ESTIMATED ANNUAL COST **$2,907/yr**

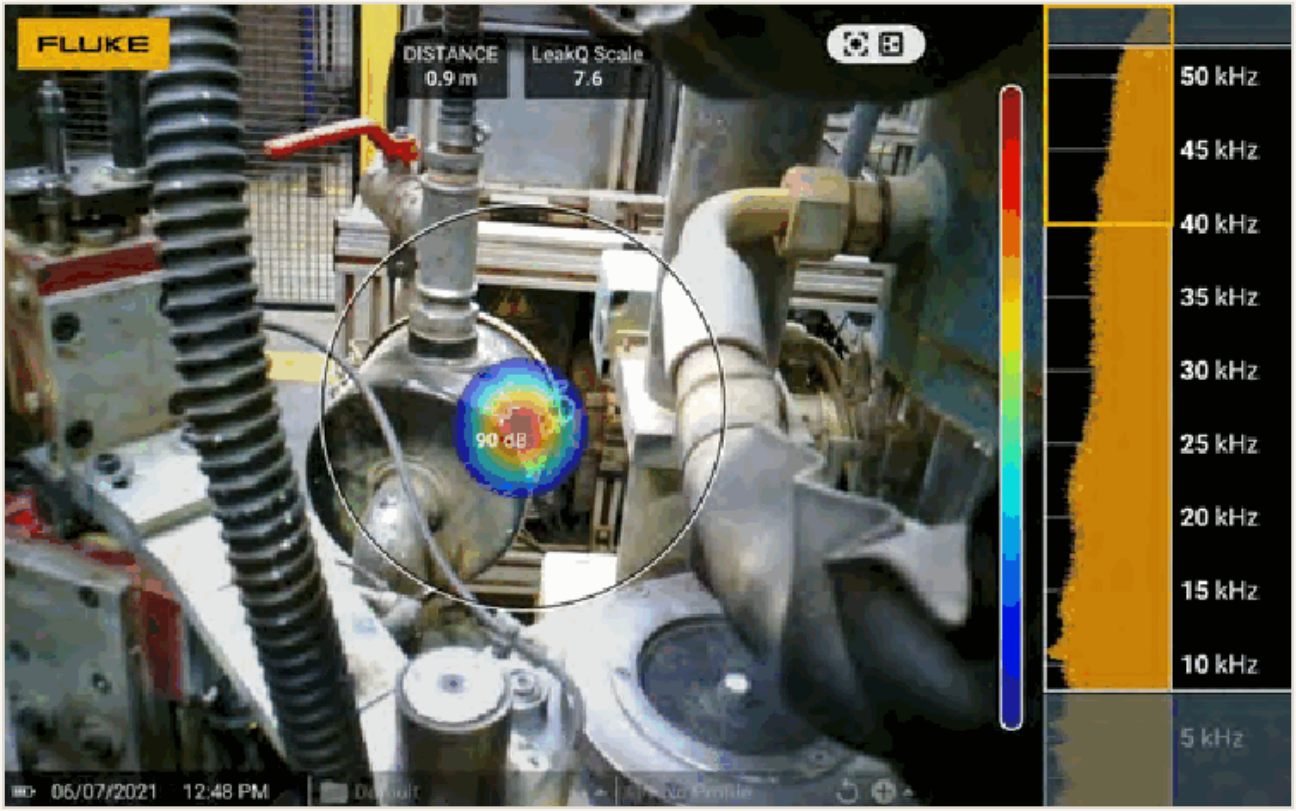
Field note

Threaded coupling, ram-lock cylinder 3 port fitting. Leak source confirmed acoustically at 1.1 m.

Sample report — illustrative site and figures, not results from an actual client engagement.

LEAK DETAIL · RANKED #6 OF 26 BY COST

Vacuum pancake cylinder (P58)



Live acoustic capture: colour sound-map overlaid on the on-site camera image.

LEAK TYPE	DISTANCE TO SOURCE	ESTIMATED FLOW
Quick Connect	**0.9 m**	**59.5 L/min** (2.10 CFM)
REPAIR PRIORITY: MEDIUM		ESTIMATED ANNUAL COST **$1,767/yr**

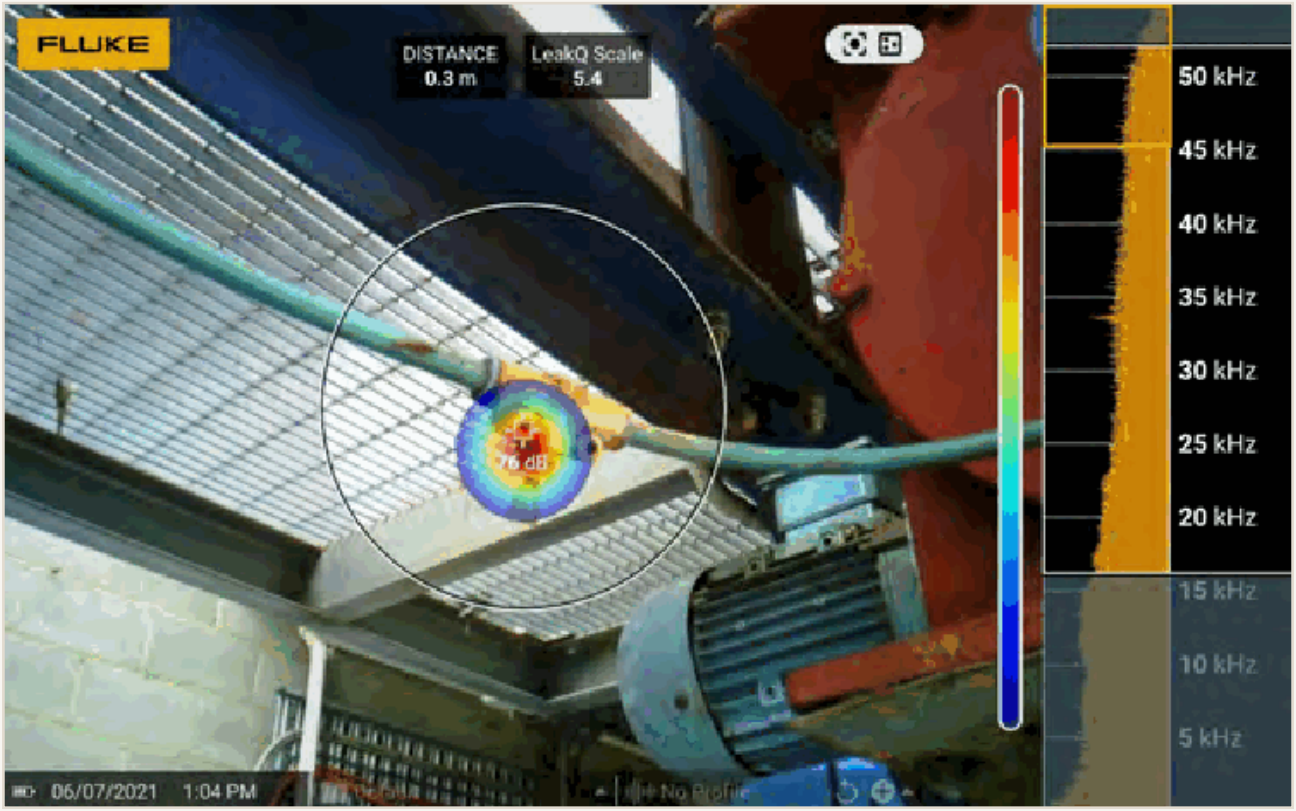
Field note

Quick-connect fitting, vacuum pancake cylinder (P58). Leak source confirmed acoustically at 0.9 m.

Sample report — illustrative site and figures, not results from an actual client engagement.

LEAK DETAIL · RANKED #15 OF 26 BY COST

Central dust collector



Live acoustic capture: colour sound-map overlaid on the on-site camera image.

LEAK TYPE	DISTANCE TO SOURCE	ESTIMATED FLOW
Quick Connect	**0.3 m**	**19.9 L/min** (0.70 CFM)
REPAIR PRIORITY: MEDIUM		ESTIMATED ANNUAL COST **$591/yr**

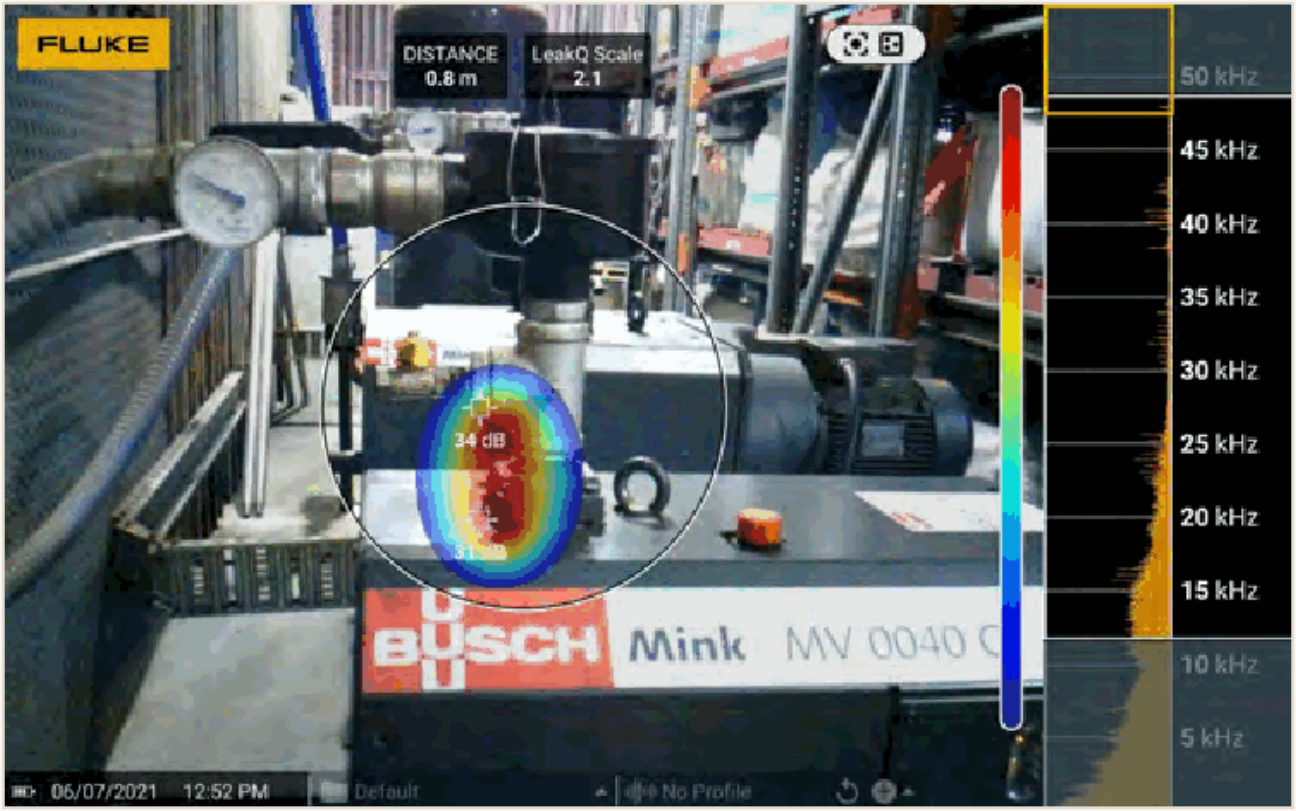
Field note

Quick-connect fitting, central dust collector inlet. Low-pressure vacuum-side leak; confirmed acoustically at 0.3 m, not distinguishable from collector fan noise by ear.

Sample report — illustrative site and figures, not results from an actual client engagement.

LEAK DETAIL · RANKED #25 OF 26 BY COST

Robot cell vacuum pump



Live acoustic capture: colour sound-map overlaid on the on-site camera image.

LEAK TYPE	DISTANCE TO SOURCE	ESTIMATED FLOW
Threaded Coupling	**0.8 m**	**1.0 L/min** (0.04 CFM)
REPAIR PRIORITY: LOW		ESTIMATED ANNUAL COST **$30/yr**

Field note

Threaded coupling, small vacuum pump on robot cell. Leak source confirmed acoustically at 0.8 m; estimated flow under 1 L/min, below the threshold a visual or audible walk-through would catch.

Sample report — illustrative site and figures, not results from an actual client engagement.

WHAT HAPPENS NEXT

Scan. Report. Fix.

01

Scan

We walk your site with an acoustic imager, scanning airlines, fittings, valves and manifolds while production keeps running. Every leak is located and photographed on the spot.

02

Report

Every leak is logged, ranked by severity, and priced, CFM lost, annual dollar cost and location, exactly like the pages before this one, but for your site.

03

Fix

A fixed-price quote to repair the leaks that matter, sourced through trusted trade contacts. No obligation to use us. The report is yours either way.

If we don't find leaks costing more than the audit fee, you don't pay.

Contact us for a site audit. Most facilities see the report within days.

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This has been a sample report. The site, leak locations, photographs and dollar figures in it are a representative example built to show the format and level of detail LeakHawk delivers, not results from an actual client engagement. Your report will reflect your site's own leaks, measurements and photographs.

Sample report — illustrative site and figures, not results from an actual client engagement.