RondoTrace

Sample reading

Example Ridge tailings facility (synthetic)

Synthetic example, no real location, Tailings facility

Sample reading for a synthetic site: the wet area at Example Ridge grew to 241 hectares in May to October 2026, 9% more than a year earlier, while the top of the embankment settled by about 6 millimetres a year.

Prepared on	16 Nov 2026
Data cut-off	31 Oct 2026
Reference	sample-tailings-reading

Summary

Sample reading for a synthetic site: the wet area at Example Ridge grew to 241 hectares in May to October 2026, 9% more than a year earlier, while the top of the embankment settled by about 6 millimetres a year.

Is this a real facility?

No. Example Ridge does not exist and every figure here is made up. The sample shows you what a reading looks like: the answers come first, then each finding with its chart, its evidence and a note on how to read it.

Is the wet area growing?

Yes. It grew from 212 hectares in May to October 2024 to 241 hectares in May to October 2026. The latest period is 9% more than the 221 hectares of the same months of 2025.

Is the embankment moving?

Slowly. The fastest of the 3 points we measured moved at 6.2 millimetres a year between November 2025 and October 2026. Stable ground nearby moved by no more than 1.4 millimetres a year.

The findings at a glance

Finding	Direction	Attention	Evidence	Detail
Wet area	Rising	Worth noting	Medium confidence; method not yet verified on a reference site	page 3
Embankment movement	Falling	Nothing to raise	High confidence; method verified on a reference site	page 4
Signs of heat	No direction to report	Nothing to raise	Medium confidence; method not yet verified on a reference site	page 5

What a full review adds

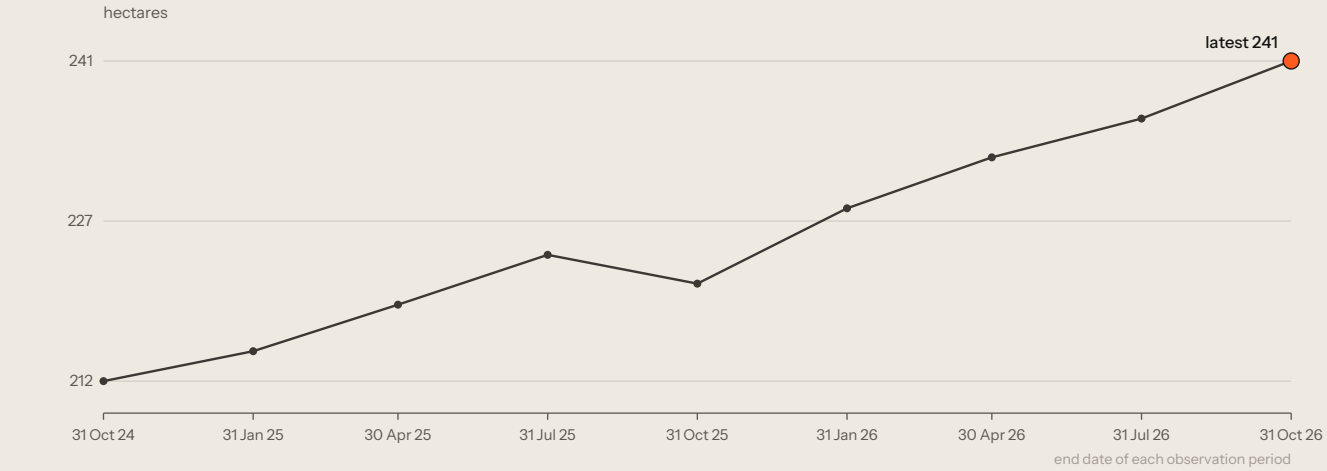
A reading of a real facility is prepared in the same way, from measurements we have already made. On request it is followed by a full evidence pack in which every figure has its date and its source.

Wet area

> The wet area came to 241 hectares in the six months to 31 October 2026. That is the highest of the 9 periods since May 2024 and 9% more than the 221 hectares of the same months of 2025.

Rising. Worth noting. Evidence: medium confidence; method not yet verified on a reference site.

Wet area in each six-month period



Each mark is one reading, placed at the end date of its period. A break in the line is a period with no usable reading. The orange mark is the latest reading.

How to read this

This is the part of the facility that is under water or soaked, measured from orbit. It tells you whether the wet part is spreading, shrinking or holding. It is an area and not a volume, so it does not say how much water the pond holds.

Period	Reading
1 May 2024 to 31 Oct 2024	212 hectares
1 Aug 2024 to 31 Jan 2025	215 hectares
1 Nov 2024 to 30 Apr 2025	219 hectares
1 Feb 2025 to 31 Jul 2025	224 hectares
1 May 2025 to 31 Oct 2025	221 hectares
1 Aug 2025 to 31 Jan 2026	228 hectares
1 Nov 2025 to 30 Apr 2026	233 hectares
1 Feb 2026 to 31 Jul 2026	236 hectares
1 May 2026 to 31 Oct 2026	241 hectares

Embankment movement

> The fastest of the 3 embankment points we measured moved away from the satellite at 6.2 millimetres a year between 5 November 2025 and 5 October 2026. The other points moved at 1.0 and 3.1 millimetres a year, and the points on stable ground by no more than 1.4 millimetres a year.

Falling. Nothing to raise. Evidence: high confidence; method verified on a reference site.

Movement towards or away from the satellite since the first date



Each mark is one reading, placed at the end date of its period. A break in the line is a period with no usable reading. The orange mark is the latest reading. The dashed line is: Stable ground nearby.

How to read this

We measure how far chosen points on the embankment move towards or away from the satellite, and compare them with points on stable ground nearby. The stable points show how much of a reading is only measurement noise.

Period	Reading	Stable ground nearby
5 Nov 2025	0 millimetres	0 millimetres
5 Dec 2025	-0.2 millimetres	0.2 millimetres
5 Jan 2026	-1.2 millimetres	-0.4 millimetres
5 Feb 2026	-1.4 millimetres	-0.2 millimetres
5 Mar 2026	-2.4 millimetres	-0.8 millimetres
5 Apr 2026	-2.4 millimetres	-0.4 millimetres
5 May 2026	-3.1 millimetres	-0.7 millimetres
5 Jun 2026	-3.7 millimetres	-0.9 millimetres
5 Jul 2026	-3.8 millimetres	-0.6 millimetres
5 Aug 2026	-4.8 millimetres	-1.2 millimetres
5 Sep 2026	-5.1 millimetres	-1.1 millimetres
5 Oct 2026	-5.7 millimetres	-1.3 millimetres

Signs of heat

> We saw no sign of heat in any of the 9 periods from May 2024 to October 2026.

No direction to report. Nothing to raise. Evidence: medium confidence; method not yet verified on a reference site.

How to read this

We look for anything hot enough to be seen from orbit, such as a fire or a hot process. A tailings facility should show none.

Period	Reading
1 May 2024 to 31 Oct 2024	0 detections
1 Aug 2024 to 31 Jan 2025	0 detections
1 Nov 2024 to 30 Apr 2025	0 detections
1 Feb 2025 to 31 Jul 2025	0 detections
1 May 2025 to 31 Oct 2025	0 detections
1 Aug 2025 to 31 Jan 2026	0 detections
1 Nov 2025 to 30 Apr 2026	0 detections
1 Feb 2026 to 31 Jul 2026	0 detections
1 May 2026 to 31 Oct 2026	0 detections

Method and provenance

How the readings are made, and whose data they rest on

The readings come from public Earth observation data taken on the dates shown. Each finding states its evidence: a confidence, and whether the method has been verified on a reference site. A period that could not be observed carries no figure. The data cut-off, 31 Oct 2026, is the end of the latest period used anywhere in this pack.

Source	What it is used for
Satellite radar	The area of the site that is under water or soaked in each period, counted where water has been seen in earlier years
Satellite radar	Movement of chosen points towards or away from the satellite, compared with stable ground nearby
Thermal satellite detections	Anything on or beside the site hot enough to be seen from orbit, in each period

Data credits. Radar: contains modified Copernicus Sentinel data (European Union, Copernicus Programme); radar pairs processed by the Alaska Satellite Facility; surface-water record by the European Commission Joint Research Centre. Thermal: MODIS active fire detections, NASA.

This document

Reference	sample-tailings-reading
Data cut-off	31 Oct 2026
Prepared on	16 Nov 2026
Code version	synthetic
Runs	synthetic fixture: Ledger_Cards/tests/fixtures/reading/sample-tailings-reading
Built by	Ledger_Cards.reading 1.0, 2026-11-16T00:00:00Z
Typefaces	Newsreader and Instrument Sans (SIL Open Font License)