

ASX Release

26 August 2026

Texas Technology Campus Update: Chlorinated Testing to Resume and First Revenue Commences

- Site footprint and associated permitting constraint resolved at Texas Technology Campus 'Gator Point', enabling chlorinated testing to recommence this week ahead of the planned 12-hour multi-reactor campaign in September 2026
- Gator Point build-out continues, with the Area 140 roof restoration on track for completion in early September and expanded XRD and TGA laboratory capability to support FJH optimisation and advanced materials testing
- Preparations underway for the ECT MXene testing campaign, with the first US\$500,000 ECT payment underway and full receipt expected by the end of this week, marking commencement of revenue from the MXene program¹
- John Campo appointed Texas-based Head of Engineering, bringing approximately 30 years' experience including senior roles with BHP Billiton Petroleum, Celanese and Rohm and Haas (now Dow).

Metallium Limited ("**Metallium**" or the "**Company**") (ASX: **MTM**; OTCQX: **MTMCF**; OTCQX ADR: **MTLMY**) provides the following update on activities at its Gator Point Technology Campus in Anahuac, Texas, including the recommencement of chlorinated Flash Joule Heating (FJH) testing, first revenue from the [ECT MXene testing program](#)¹, expansion of on-site laboratory capabilities and continued development of the campus.

Managing Director & CEO Michael Walshe commented: *"With the site constraint now resolved, we can recommence chlorinated testing and continue progressing the FJH platform toward commercialisation. Our immediate focus is the planned 12-hour multi-reactor campaign in September.*

"I would particularly like to thank Chambers County and the Chambers County Landfill for working constructively with us to reach a practical solution. Their support has been greatly appreciated and reflects the strong relationship we are continuing to build with the local community.

"We are also continuing to expand the capability at Gator Point. The Area 140 roof is nearing completion, we are adding further analytical capability to our on-site laboratory, and preparations are underway for the ECT MXene testing campaign. The first US\$500,000 ECT payment is also underway, with full receipt expected by the end of this week. John Campo's appointment as Head of Engineering further strengthens the team as we continue to develop and scale the FJH platform".

CHLORINATED TESTING AND SITE UPDATE

Metallium secured the required regulatory approval in December 2025 to support pilot-scale chlorination testing at Gator Point. Following remedial works to the roof of Area 140, the planned installation location for the Company's test reactors was relocated closer to the northern boundary of the site (*buildings 706, 707 & 708, see Fig.2*). A subsequent permitting review identified that the revised footprint did not provide the required separation distances from the northern property boundary and nearest public receptor. Metallium subsequently worked with the neighbouring Chambers County Landfill and the Texas Commission on Environmental Quality ("TCEQ") to resolve the issue.

On 25 August 2026, the Company secured additional land immediately north of Gator Point, resolving the separation-distance constraint and enabling Metallium, through its subsidiary Flash Metals USA, to recommence chlorinated commissioning and testing in buildings 706, 707 & 708.

¹ See ASX:MTM announcement dated Aug 4th 2026, 'First Commercial FJH Technology Services Agreement'

The additional land has been secured from Chambers County for nominal consideration of **US\$1**, with Metallium to receive the County's electronic scrap for processing through its planned Information Technology Asset Disposition ("ITAD") centre. The agreement expands the Gator Point site footprint and builds on the Company's existing relationship with Chambers County and the local community.

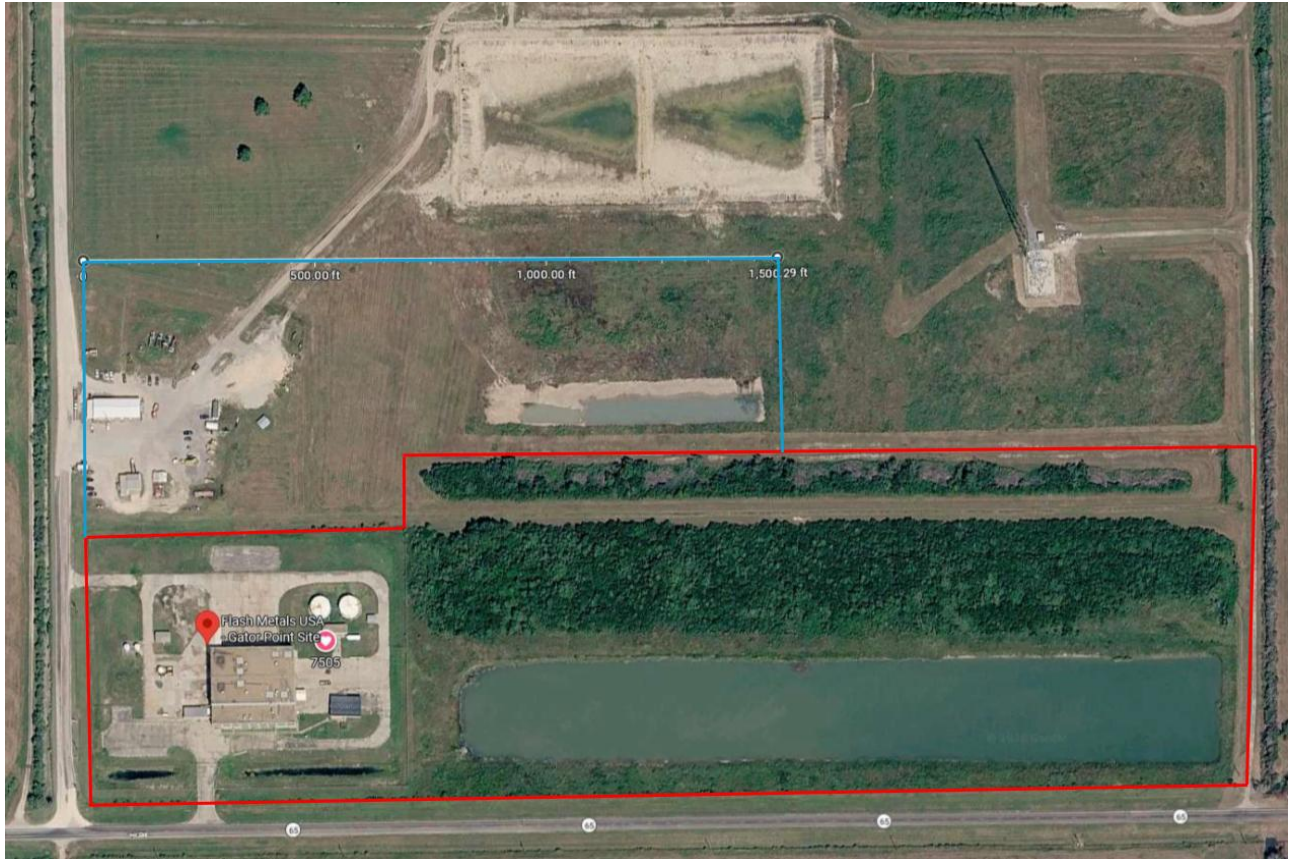


Figure 1: Gator Point site footprint, including newly leased parcel (blue) and future optional expansion area (red). Satellite imagery predates recent site development

Chlorinated Testing to Recommence

Chlorination is a key element of Metallium's FJH metals recovery platform. During FJH treatment, chlorine can react with target metals to form metal chlorides with different physical and chemical properties, enabling their selective separation and recovery. Metallium has demonstrated this approach across a range of metals and feedstocks, including **gallium, germanium and rare earth elements**. The FJH platform can also utilise other halogens and halogen-based chemistries, providing flexibility to tailor processing conditions to different metals and feedstocks.

Chlorinated testing is scheduled to recommence this week, followed by an approximately two-week ramp-up period. The next major development milestone is the planned **12-hour multi-reactor chlorinated campaign, targeted for September 2026** in building 706. The campaign is expected to generate operating, process and environmental data to support:

- optimisation of reactor operating parameters and configuration;
- air-dispersion modelling and environmental assessment for longer-lead permitting applications; and
- engineering and design work for the next stage of FJH scale-up and commercialisation.

Engineering, testing and permitting activities will continue to progress in parallel.

ECT MXENE PROGRAM AND FIRST REVENUE

Preparations are underway for the **ECT MXene testing campaign at Gator Point**, which will utilise Metallium's FJH reactor platform and on-site technical capabilities to support the development and testing of MXene production using FJH.

Metallium has commenced **receiving the first US\$500,000 payment from ECT** under the recently announced engineering services and MXene development program, marking the **commencement of revenue** under the agreement. Due solely to daily banking transfer limits, the payment is being received in tranches, with the full US\$500,000 expected to be received by the end of this week.

The program is being supported by the expansion of Metallium's analytical capability at Gator Point, allowing testing, analysis and process development activities to be undertaken within the Company's technology campus.

MXenes are an emerging class of advanced two-dimensional materials with a combination of high electrical conductivity, large surface area and tunable surface chemistry. These properties are driving growing research and commercial interest across applications including defence, electromagnetic interference (EMI) shielding, electronics, thermal management, sensors and next-generation energy storage.

MXenes are typically produced from precursor materials known as MAX phases. The ECT program will evaluate the application of Metallium's FJH technology to MXene production, with a focus on evaluating its potential as a faster and more scalable processing route.

EXPANDED ON-SITE LABORATORY CAPABILITY

Metallium is expanding its on-site analytical capability at Gator Point, with additional equipment including **X-ray diffraction (XRD) and thermogravimetric analysis (TGA)**. The equipment will support both the ECT MXene program and ongoing optimisation of the FJH reactor platform.

The expanded laboratory capability will allow more analysis to be undertaken directly at Gator Point, providing the technical team with faster access to results and reducing the time between testing, analysis and reactor optimisation.

SAFETY AND OPERATING READINESS

Metallium has continued to strengthen its safety and operating systems at Gator Point ahead of recommencing chlorinated testing. This includes enhanced operating procedures and engineering controls, a dedicated emergency response plan, site-wide alarms, live incident and safety reporting, the appointment of two experienced safety professionals, engagement with local emergency response stakeholders, and independent safety and technical reviews.

The Company has also undertaken audits and engagement with chlorine suppliers as part of its operating readiness activities.

AREA 140 ROOF

Despite weather-related disruptions, the **Area 140 roof remains on track for completion in early September 2026**.

Completion of the roof will allow the Company to progress remaining infrastructure works within Area 140 and the adjacent development of Area 110.



Figure 2: Texas technology campus - July 2026



Figure 3: Area 140 Roof – August 2026

HEAD OF ENGINEERING APPOINTMENT

Metallium has appointed **John Campo as Head of Engineering**, based in Texas, strengthening the Company's engineering capability as it progresses the development and scale-up of the FJH technology platform.

John brings approximately **30 years of engineering and operational experience** across chemical, refining and process manufacturing environments, including senior engineering and strategic project leadership roles with Pinnacle Reliability, BHP Billiton Petroleum, Celanese and Rohm and Haas (now Dow). He is a licensed Professional Mechanical Engineer in Texas.

His experience spans greenfield plant development, process optimisation, reliability, technology testing and complex project execution.

At Metallium, John will lead the engineering function with responsibility for engineering standards, reactor and process integration, contractor management, technical assurance, project execution and operational readiness.

This announcement has been authorised for release by the Board of Directors of Metallium Limited.

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ABOUT METALLIUM LIMITED

Metallium Ltd (ABN 27 645 885 463), is pioneering a low-carbon, high-efficiency approach to recovering critical and precious metals from mineral concentrates and high-grade waste streams. The company's patented **Flash Joule Heating (FJH)** technology enables the extraction of high-value materials, including **gallium, germanium, antimony, rare earth elements, and gold** — from feedstocks such as refinery scrap, e-waste, and monazite.

Aligned with U.S. strategic supply chain objectives, Metallium has recently secured its first commercial site in Texas via its wholly owned subsidiary, **Flash Metals USA Inc.**, marking a major step toward near-term production and revenue generation.

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Forward-looking statements can generally be identified by words such as "may", "will", "expect", "intend", "plan", "estimate", "anticipate", "believe", "target", "forecast", "project", "potential", "continue", "should", "seek" and similar expressions. These statements are based on information available to the Company as at the date of this announcement and on assumptions and expectations that the Company considers reasonable at that date.

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