

NEWS UPDATE

12 April 2019

SANDY RIDGE FACILITY HAS NOW SECURED AUSTRALIAN GOVERNMENT, STATE GOVERNMENT AND LOCAL GOVERNMENT APPROVAL

-  **Western Australian Government approval secured in June 2018**
-  **Australian Government approval secured in January 2019**
-  **Local Government approval secured in April 2019**

Tellus Holdings Ltd (Tellus) is pleased to advise that it has now received approval from the Western Australia (WA) Mid -West / Wheatbelt Joint Development Assessment Panel (JDAP) for its Sandy Ridge Facility located approximately 75 kilometres (km) north-east of Koolyanobbing, in the Shire of Coolgardie, within the Goldfields Region of WA.

The JDAP unanimously approved the Sandy Ridge Facility on 3 April 2019. The Approval is subject to nine (9) Conditions and five (5) Advice Notes. Tellus submitted the Development Approval Application (DAP) in late 2017. The DAP and accompanying plans were submitted in accordance with Clause 68 of the Planning and Development (Local Planning Schemes) Regulations 2015 and the provisions of the Shire of Coolgardie Local Planning Scheme No.5.

“Achieving approval under the Planning and Development (Local Planning Schemes) Regulations 2015 and the provisions of the Shire of Coolgardie Local Planning Scheme No.5 is a great milestone for Tellus. It means the Sandy Ridge Facility, Australia’s first dual, near-surface kaolin clay mine and complementary storage business, has now achieved environmental and planning approval from the Australian Government, State Government and Local Government” said Richard Phillips - General Manager for Health, Safety, Environment, Compliance and Quality.



Fig 1: Artist impression of the Sandy Ridge Facility

The nine conditions include but are not limited to requirements for bushfire management; emergency response management and traffic management. The Conditions must also adhere to the Ministerial Statement Number 1078 granted under Part IV of the WA *Environmental Protection Act 1986* in June 2018.

The latest approval signifies all levels of Government are confident that Tellus has considered and can manage the potential benefits and risks associated with operating a dual business model. Tellus has



undertaken extensive environmental and engineering studies over many years involving local, national and international experts and key community stakeholders.

“The approval by the JDAP was a very thorough and well-considered process” said Tellus Managing Director Duncan van der Merwe. Once again, this latest approval is a show of support for Tellus’ evidence-based and risk-based environmental assessment. It is an important next step in securing the remaining approvals required for the Sandy Ridge Facility.

Tellus will continue to liaise closely with WA agencies to secure remaining approvals and licensing.

A copy of the JDAP minutes from the meeting that include details of the approval and conditions are provided on the Department of Planning Lands and Heritage website at:

<https://www.dplh.wa.gov.au/departmentofplanninglandsheritage/media/daps/mid-west%20wheatbelt%20jdap/minutes/2019/april/20190403%20-%20minutes%20-%20no%2035%20-%20shire%20of%20coolgardie.pdf>



About Tellus Holdings:

Tellus Holdings Ltd ("Tellus") mission is to contribute towards a cleaner Australia by developing a portfolio of geological repositories that provide waste storage, recovery and permanent isolation solutions plus complementary clay and salt products to our clients. This dual revenue model involves mining kaolin clay and rock salt commodities located in thick dry remote formations creating world's best practice geological solutions. The voids created by mining will be used to store equipment, archives and waste using a multi- barrier system as part of an integrated safety case. Tellus plans to permanently isolate hazardous waste using environmentally sound management (ESM) principles that protect the environment and human health. Tellus also integrates long-term storage solutions that supports the circular economy by placing like-with-like materials for operational safety reasons and to create opportunities for the future recovery of valuable materials. Tellus' business model mirrors overseas solutions operating in the UK, Europe and North America. Tellus is developing the proposed Sandy Ridge facility in Western Australia (WA) and the proposed Chandler facility in the Northern Territory (NT). Both Sandy Ridge and Chandler were awarded Major Project Facilitation Service by the Australian Government and Chandler was awarded Major Project Status by the NT Government.

About Sandy Ridge:

Tellus is proposing to develop the Sandy Ridge facility, Australia's first dual open-cut kaolin mine and arid near-surface geological waste repository in a 70-million-year-old kaolin clay bed with a 25-year operating licence, which is located 240 kilometres by road west north west of Kalgoorlie. The proposal would involve mining up to 290,000 tpa of kaolin clay and receiving up to 100,000 tpa of Class IV and V waste ("hazardous waste") at the facility gate over 25 years. Only wastes generated within WA, other Australian States and Territories, and the Australian Exclusive Economic Zone can be accepted, subject to meeting the facility's waste acceptance criteria.

About kaolin clay:

The kaolin to be mined is suitable for applications in the ceramics, paint and environmental remediation industries.

About hazardous waste

In its simplest definition, hazardous waste is waste that can harm the environment or human health and therefore should be removed from the biosphere where it can pose a threat. Australia is one of the highest emitters of hazardous waste per capita. Approximately 10% of Australian reported waste is classified as hazardous (by volume). Annual hazardous waste production in 2015 was approx. 45 M tpa, with only 5.3 M tpa reported and entering the waste market. The legacy hazardous waste stockpile in Australia is 1 Billion tonnes and growing. There is insufficient infrastructure at competitive price points to permanently solve the problem or recover valuable materials. Tellus Sandy Ridge facility will be licenced to accept Class IV (Secure Landfill) and Class V (Intractable Landfill) waste from all of Australia. The majority is chemical waste from a broad spectrum of industrial sectors, including mining, oil and gas, contaminated site remediation, and utilities, along with a small amount of low level (LLW) Naturally Occurring Radioactive Materials (NORM) and low level Disused Sealed Radioactive Sources (DSRS). Tellus' Sandy Ridge facility will not accept any nuclear waste, or waste streams falling under intermediate (ILW) or high level (HLW) radioactive waste designations.

About geological repositories:

Geological repositories are facilities that can offer long term storage, treatment, recovery and permanent isolation of equipment and hazardous waste services. Geological repositories provide the highest level of containment for hazardous waste (chemical waste) and low-level radioactive waste (LLW) isolating them from the biosphere over geological time. This is achieved through a combination of carefully selected active (man-made engineered barriers) and passive control measures (natural barriers). This is known as a multi-barrier system. Tellus' safety case relies on multiple fail-safe mechanisms but the best barrier of them all is the passive control mechanism. In other words, the carefully selected site and host rock which does not require ongoing monitoring is the fundamental property of geological waste repositories, which remain passively safe through geological time.

For further information:

Visit: www.tellusholdings.com.au or contact:

Duncan van der Merwe	Managing Director	Tel: +61 (0)2 8257 3395	E-mail: info@tellusholdings.com
Jonathan Fisher	CFO/ Company Secretary	Tel +61 (0)2 8257 3395	E-mail: companysec@tellusholdings.com