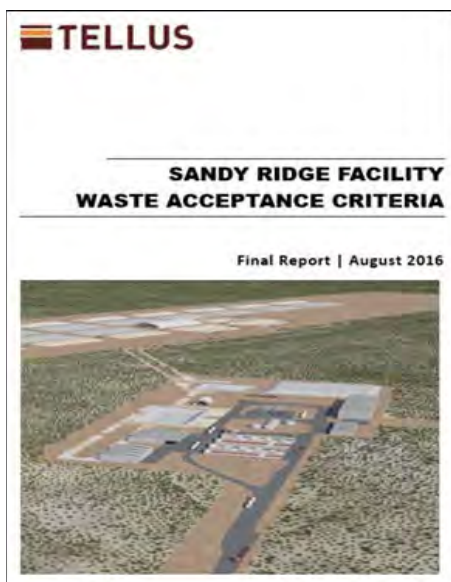




Sandy Ridge – Waste acceptance

Waste Acceptance Criteria (WAC) have been established for the proposed Sandy Ridge Facility. The purpose of WAC is to determine the waste types that can and cannot be accepted. This improves the safe operation and environmental protection at the Sandy Ridge Facility. The *criteria* have been developed following internationally recognised best practice techniques. This includes *waste characteristics* which would not be suitable for storage or disposal in a near surface geological repository.



Wastes which are gases, highly corrosive, highly oxidising, infectious or uncertified **would not be accepted under any circumstances.**

Wastes which are liquids or sludges, explosive, flammable liquids or solids, self-combusting, generate a gas-air mixture which is toxic or explosive,

biodegradable, could release free liquid or react with the host geology would not normally be accepted. However, if they can be stabilised, solidified or modified in such a way that they would not affect the operational or post closure safety of the Sandy Ridge Facility, they could be accepted.

Almost everything in nature has some small amount of natural radioactivity and processing concentrates it. Tellus seeks approval for acceptance of low level radioactive wastes (LLW) and Naturally Occurring Radioactive Materials (NORM) up to LLW. Some of the typical LLW accepted would include medical isotopes, smoke detectors, sealed gauges as suitable for storage and disposal in accordance with the Safety Case (see 'Safety case' Factsheet).

Waste would need to pass through three stages of laboratory testing to characterise the waste before it could be received at the proposed Sandy Ridge Facility. This testing would ensure that any hazardous characteristics are identified and that unacceptable wastes are excluded.

