

## **The Impact of New Tailings Management Strategies on the Extraction Process**

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Although we still often use the term Clark hot water extraction process, so many improvements have been made over the past 40 years that Karl Clark would be hard pressed to recognise the current bitumen extraction operations. Relationships between process temperature, process chemistry, and process recovery are well established but rigorous application of this knowledge at a commercial scale is difficult. Similarly, progress has been made in the handling of the fluid fine tailings and in the development of technologies to create what are called dry stackable tailings. This presentation will review the link between extraction and tailings through the tailings handling lens and attempt to put it all in the context of possible future extraction processes.