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MANAGEMENT OF OIL SANDS TAILINGS

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ABSTRACT

In Alberta, oil sands bitumen is utilized for synthetic crude oil (SCO) production by surface mining, bitumen extraction followed by primary (coking) and secondary (catalytic hydrotreating) upgrading processes. SCO is further refined in specially

designed tailings, byproduct water re performance tailing result consolid overall p the same CO₂ and and the

ls. Oil sands ced as a dation and en of the s tailings, d nce of the process for 2 lime and treatment tention

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Source: American Geophysical Union (AGU)

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