AER REGULATED DAMS



WHAT ARE DAMS?

Many energy companies in Alberta use dams when developing energy resources. Dams are barriers designed to hold back fluids.



() Multiple dams are sometimes required on a single pond to manage fluids.

ABOUT THE DAMS WE REGULATE

The dams we regulate retain various types of fluids depending on the type of energy development activity.

Number of dams (and associated ponds), by sector

147	48	42	6
(78)	(48)	(39)	(6)
oil sands	oil and gas	coal	in situ
mining	operations	mining	oil sands
			operations

Percentage of fluid volumes held by dams, by type

243 dams relate to energy resources development, which enclose 171 ponds.



0.3% process affected water and brine

3.0% fresh water

0.1% coal tailings

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Dams can retain fluid waste, such as tailings from oil sands mining or coal mining operations. In other cases, dams are used to retain water until it is needed to help recover resources.

We're committed to holding industry accountable for the safety of their dams.

For more information on how we regulate dams visit aer.ca.



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