

Managing a leaky abandoned well: detection and advanced mitigation options (hydraulic barrier)

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Case	Parameters	set usir
	the design r	nethodolog
	Q ₀	Δt_0
Well at 1 km, no delay	62.5 m³/h	5.7 years
Well at 10 m, no delay	68.5 m³/h	289 days
Well at 10 m, 6 months delay	71.5 m³/h	125 days
z 10 m 50 m Initial se accumul	econdary lation	
→ 10 m 50 m Initial se accumul	SG 1 0.8 0.4 0.2 0 econdary ation	







Cf. details in Réveillère, A., Rohmer, J., Manceau, J.C., 2012. Hydraulic barrier design and applicability for managing the risk of CO2 leakage from deep saline aquifers. IJGGC Vol. 9, July 2012, pp. 62–71

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