

Summary of Costs

Corrective Action	\$ -
Plugging Injection Wells	\$ 560,000
Post-Injection Site Care	\$ 17,000,000
Site Closure	\$ 2,880,000
Emergency and Remedial Response	\$ 47,000,000

Correction Action		
No action	\$ -	There will be no corrective action costs to be covered by Financial Responsibility. The proactive zonal isolation activities described in the Corrective Action Section will be undertaken prior to any injection activities.
Total	\$ -	

Post-Injection Site Care		
Plugging Injection Wells	\$ 560,000	Includes abandonment of two injection wells. Costs were derived via 3rd party quotes.
Total	\$ 560,000	

Post-Injection Site Care	
Fluid sampling and deep monitoring fluid analysis, seismic monitoring, and pulse neutron logging.	\$ 16,500,000
3rd party engineering support	\$ 500,000
Total	\$ 17,000,000

Anticipate \$55,000 per well per year times 6 wells for 50 years of monitoring.
Estimated via historical information.

Site Closure	
Abandonment of shallow monitoring wells	\$ 1,200,000
Abandonment of deep monitoring wells	\$ 1,120,000
Abandonment of production wells	\$ 560,000
Total	\$ 2,880,000

Includes abandonment of six shallow monitoring wells. Costs were derived from analog projects in the Western United States.
Includes abandonment of four deep monitoring wells. Costs were derived from analog projects in the Western United States.
Abandonment of two production wells. Costs were derived from analog projects in the Western United States.

Emergency and Remedial Res	
Abandonment of groundwater monitoring wells	\$ 6,408,000
Re-abandonment of wells	\$ 2,340,000
Installation of pump and treat remedial system	\$ 4,200,000
Yearly maintenance of pump and treat system	\$ 33,000,000
Third-party engineering support	\$ 1,052,000
Total	\$ 47,000,000

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Includes abandonment of six monitoring wells at \$1,068,000. Costs were derived from analog projects in the Western United States.
Includes costs for up to three well re-abandonments. Cost derived from third-pary quotes.
Cost derived from third-pary quotes
Cost derived from third-pary quotes
Estimated via historical information; made total a whole number.