

Sensitive, Confidential, or Privileged Information

Testing and Monitoring Cost					
	Ground Water Sampling	Ground Water Report Generation	Deep Well Sampling Oversight & Report	Deep Well Sample Collection	Wire Line Logs
Professional Fees	Sensitive, Confidential, or Privileged Information				
KEI Equipment & Expenses					
Laboratory Fees					
Waste Disposal					
Workover Rig Mobilization					
Cost Per Event	\$ 9,711	\$ 3,805	\$ 16,732	\$ 40,000	\$ 130,000

Annual Testing & Monitoring Cost	Number Events/Yr	Cost/Year
Ground Water Sample 1 Event	Sensitive, Confidential, or Privileged Information	
Deep Well Sample 1 Event		
Wire Ling Logs		
Total Cost/Yr		
Cost for PISC period		\$ 855,056
Periodic Testing	Number Events/PISC	Cost
Seismic Evaluation 4 sq mile area	Sensitive, Confidential, or Privileged Information	
Plume Area Seismic Cost		
Total PISC T&M Costs		\$ 1,813,928

Injection Well Plugging		
Plug #	Item	Cost per well
1-3	Schlumberger CO2 Resistant Concrete (includes pumping) (2 Days)	[REDACTED]
4-9	Class H Cement Plug (includes pumping) (1 day)	
	Workover rig mob	
	Rig time 7 days/3,500 per day	
	BOP	
	Work String	
	Power Tongs	
	De Mob rig	
	Total Cost	\$ 441,937
	Total Cost (2 injection)	\$ 883,874

Well Site Remediation	
Item	Cost per Pad
Removal of pad material, replacment with topsoil and final grading	[REDACTED]

Total Financial Responsibility Costs	
Injection Well Plugging	\$ 883,874
PISC and Site Closure	
Monitor Well Plugging	\$ 1,051,728
Site Remediation	\$ 777,000
PISC Testing & Monitoring	\$ 1,813,928
Total Cost	\$ 3,642,656
Emergency and Remedial Response	\$ 9,378,796
Total Cost	\$ 13,905,326

Confinement Monitoring Well Plugging	
Item	Cost
Class H Cement Plug (includes pumping) (1 day)	Sensitive, Confidential, or Privileged Information
Workover rig mob	
Rig time 5 days/3,500 per day	
BOP	
Work String	
Power Tongs	
De Mob rig	
Total Cost	\$ 83,927
Total Cost (2 Wells)	\$ 167,854

Formation Monitoring Well Plugging		
Plug #	Item	Cost per well
1-3	Schlumberger CO2 Resistant Concrete (includes pumping) (2 Days)	Sensitive, Confidential, or Privileged Information
4-9	Class H Cement Plug (includes pumping) (1 day)	
	Workover rig mob	
	Rig time 7 days/3,500 per day	
	BOP	
	Work String	
	Power Tongs	
	De Mob rig	
	Total Cost	\$ 441,937
	Total Cost (2 Wells)	\$ 883,874

USDW Remediation Cost Estimate		
Item	Cost	Note
	Sensitive, Confidential, or Privileged Information	
Planning and Permitting		
Leak Investigation / Hydrogeological Study		
Well Installation & Modifications		
Extraction Pumps - 10 GPM/well, 2400 Ft, 40 GPM total		
Injection Water Source		
Extraction Fluid Treatment (40 GPM, Adsorption - 2 yrs		
Site Improvement - Office / Treatment Buildings		
Excavation Wor - Remediation System Install		
Operations, Maintenance, Monitoring of Remed. System		
System Decommissioning - Site Restoration		
Total	\$ 7,815,663	
20% Contingency	\$ 9,378,796	