

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 (inlcudes 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)	[REDACTED]	
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)	[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 Wells)		\$ 883,874

USDW Remdiation 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	