

PG&E Hinkley Groundwater Chromium Cleanup Environmental Impact Report Schedule 2012 - 2013



	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
Release Draft EIR for 60-day comment period	●—————●			Aug 21 - Oct 19, 2012				
Public Meeting in Hinkley (review Draft EIR)	●	August 29, 2012						
Water Board meeting in Barstow (review Draft EIR)		●	Sept 12, 2012					
Release draft Waste Discharge Requirements (WDRs) for 30-day comment period			●—————●		Late Sept - Late Oct			
Public Meeting in Hinkley (review WDRs & Draft EIR)			●	Mid October				
Release proposed General WDRs for 30-day comment period				●—————●		Late Nov - Late Dec		
Public Meeting (review WDRs)					●	Early December		
Water Board hearing to certify Final EIR, adopt WDRs, and discuss Clean up and abatement Order (CAO)				January 2013			●	
Release proposed CAO					Throughout Feb 2013		●—————●	
Water Board hearing to adopt CAO with cleanup requirements						March 2013		●

Cleanup Times versus Relative Impact Rankings* for EIR Alternatives

EIR Alternative	No Project	4B	4C-2	4C-3	4C-4	4C-5
Cleanup Time Rankings <i>1 = fastest</i> <i>6 = slowest</i>	6	4	3	2	1	5
Key Impact Rankings * <i>1 = lowest among alternatives</i> <i>6 = highest among alternatives</i>						
Groundwater Drawdown	1	2	4	5	6	3
Aquifer Compaction	1	2	4	5	6	3
Cr Plume Bulge	1	2	3	5	5	3
TDS/Uranium byproducts**	1	2	3	5	6	3
Mn, As, Fe byproducts**	1	4	4	3	4	2
Wildlife or habitat loss	1	2	3	5	6	4
Average of Key Impact Rankings <i>1 = lowest among alternatives</i> <i>6 = highest among alternatives</i>	1	2	4	5	6	3

* Relative, not absolute rankings. Selected water and biological impacts only.

** Cr = Chromium; TDS = Total dissolved solids; Mn = Manganese; As = Arsenic; Fe = Iron.



Key Water Resources Impacts and Mitigation Measures

Impact	Mitigation Measure					
	Purchase water rights (MM-1)	Address Remedial Impacts during project (MM-2)	Alternate water supply (MM-2)	Cr plume bulge control (MM-3)	Restore aquifer after project (MM-4)	Byproduct monitoring & control (MM 5-7)
Groundwater drawdown: water supply wells			✓		✓	
Groundwater drawdown: aquifer	✓				✓	
Aquifer compaction: water supply wells			✓			
Aquifer compaction: aquifer	Potentially significant and unavoidable					
Cr Plume Bulge: water supply wells*		✓	✓	✓		
Cr Plume Bulge: aquifer*	Potentially temporarily significant and unavoidable during remediation (MM-4 applies following project completion)					
TDS/Uranium byproducts: water supply wells*		✓	✓		✓	✓
TDS/Uranium byproducts: aquifer*	Potentially temporarily significant and unavoidable during remediation (MM-4 applies following project completion)					
Mn, Fe, As byproducts: water supply wells*		✓	✓		✓	✓
Mn, Fe, As byproducts: aquifer*	Potentially temporarily significant and unavoidable during remediation (MM-4 applies following project completion)					

* Cr = Chromium; TDS = Total dissolved solids; Mn = Manganese; As = Arsenic; Fe = Iron.