

List of Tables

Table no.	Table Caption	Page no.
1.1	Important Arsenic Bearing Minerals	2
1.2	Standards of Arsenic in potable water set by different Countries	3
2.1	Groundwater arsenic contamination in states of India (according to latest survey report up to January, 2006 by SOES)	32
2.2	Summary of groundwater arsenic contamination status in West Bengal, India (Chakraborti et al 2008a)	33
2.3	Block wise distribution of arsenic concentration in West Bengal (Chakraborti et. al. 2008b)	34
2.4	Block wise distribution of hand tubewells against arsenic concentration ranges (g/L) in Murshidabad district of West-Bengal, India.	35
2.5	Arsenic affected blocks in 15 districts in Bihar (Source: CGWB, 2008)	36
2.6	Summary of groundwater arsenic contamination status in Uttar Pradesh, India (Chakraborti et. al. 2008a)	37
2.7	Summary of the arsenic contamination scenario in Jharkhand (Chakraborti et. al. 2008a)	38
2.8	Summary data on arsenic in groundwater in Assam (Nickson et. al. 2007).	38
2.9	Summary of present groundwater arsenic contamination status in Manipur (Chakraborti et al., 2008c)	39
2.10	Summary of groundwater arsenic contamination status in Rajnandangaon district Chhattisgarh state, India (Chakraborti et. al. 1999)	39
4.1	A conservative estimate, showing requirement of a number of deep tube wells for tapping arsenic free groundwater to meet domestic requirement in the North 24 Parganas district, West Bengal.	66
4.2	Scheme wise coverage and estimated cost of the schemes planned to cover for the arsenic affected areas under JPOA (Joint Plan of Actions) with UNICEF.	69
4.3	Arsenic free exploratory well constructed by CGWB-MER, Patna in different places in Bihar as on 31st March, 2009	74
5.1	Arsenic removal devices applied for removal of arsenic from contaminated groundwater	79
5.2	Comparison of conventional arsenic removal technologies	104
6.1	Arsenic removal methods and their effectiveness (from Torrens, 1999)	114
9.1	Sharing of Financial Responsibilities of Different Tasks between the Central Government and the respective State Governments.	162
10.1	Time schedule of different activities	165

7.1	Increasing malignancy due to Arsenic contamination in West Bengal	131
7.2	Relationship between arsenical skin lesion and average arsenic content in drinking water	132
8.1	Photograph showing a hand pump connected with arsenic removal filter successfully operated under the community participation in O & M.	146
8.2	Photograph showing a hand pump connected with similar arsenic removal filter left out non-operational due to lack of minor maintenance.	146
8.3	Framework of different activities and their operational linkages with Government of India schemes	152
10.1	Mission Management Committee	163