

Result 4	Water quality in the project areas is improved															
Indicator 4.1	Water quality in water bodies (lakes, canals, etc.)	Name of water body	Levels											Classification		
Source: PHE, Ujjain Date: 19/05/05			pH	Turbidity	Colour	COD	BOD	DO	FC	SS	Iron	Fluoride	Chloride	Highly polluted	Polluted	Well within standards
		River Shipra Ramghat	8.9	75		40	5.2	10		60			135			
		Rudra Sagar	9.2	42	muddy	1112	210		1600	1980 (TDS)	1.94	0.31	940		✓	
		River Shipra Narsingh ghat	8.8	12.4	69	252	58		2400	543 (TDS)	0.62	0.4	150		✓	

Indicator 4.2	Water quality of drains	Location/ Stretch ID	Levels											Classification		
			pH	Turbidity	Colour	COD	BOD	DO	FC	SS	Iron	Fluoride	Chloride	Highly polluted	Polluted	Well within standards
	Source: PHE, Ujjain Date: 19/05/05		6.92	22	muddy	1240	280		2400	784 (TDS)	1.8	0.29	150		✓	
		Behind Mahakal temple drain entering the lake Free ganj														
		Drain in Rudra Sagar lake in front of masjid	7.6	13	yellow	400	88		2400	1790 (TDS)	0.72	0.3	570		✓	

Drain entering Rudra Sagar near Mahakal Dharamshala	6.7	6.3	23	480	112		2400	670 (TDS)	0.54	0.34	60		✓	
Open drain near Pandariba R-9	6.72	37	muddy	1036	265		2400	532 (TDS)	1.8	0.36	124		✓	

Indicator 4.3	Ground water quality	Location/ Stretch ID	Levels										Classification			
			pH	Turbidity	Colour	COD	BOD	DO	Total Coliform	SS	Iron	Fluoride	Chloride	Highly polluted	Polluted	Well within standards
	Source: PHE, Ujjain Date: 19/05/05															
		hand pump near Sanskrit Mahavidyalaya	6.7	1.9	nil				nil	3100	nil	0.52	1210		✓	
		hand pump near Harsiddhi Khanwadi road	7.8	0.8	nil				nil	548	nil	0.67	120		✓	

