Water Management Plan		
Details of Assessment Unit		
	State	Rajasthan
	District	Barmer
	Block	Samdary
	Category as per latest Ground water assessment (2017)	O.E. (Over-Exploited)
Hydrogeological Details		
	Average Annual Rainfall (1901-2016) (MM)	499.80
	Aquifer	Alluvium
	Discharge of Wells (lps)	
	Dugwells	NA
	Borewells	NA
	Tubewells	1.10-1.30
	Dug Cum Borewell (DCB)	NA
	Water Quality	Fresh To Saline
	Any other Quality Issue	NA
Annual Water Availability		
Fresh water Availability	Ground Water (MCM)	11.79
	Surface water including major water bodies (MCM)	NA
Grey water Availability	Domestic (MCM)	NA
	Industrial (MCM)	NA
	Agriculture (MCM)	14.03
	Domestic (MCM)	3.15
	Industrial (MCM)	
	Decadal Water consumption trends (2009-2017) MCM/year	New Block
Common Ground water Abstraction Structure	Types (Dug well/Bore well/ TubeWell/ Dug Cum Borewell etc.)	
	Average Depth (mbgl)	
	Dugwells	25-50
	Borewells	NA
	Tubewells	150-160

	Dug Cum Borewell (DCB)	NA
Future Availability		
	Surface Water (MCM)	NA
	Ground Water (MCM)	0
Monitoring		
Surface Water Monitoring	Average inflow (Cusec)	NA
	Average outflow (Cusec)	NA
	Quality	Non Potable
Ground Water Monitoring	Average Depth to Water level (2019) (mbgl)	Pre Mon. : 21.4 Post Mon. : 20.4
	Average Decadal Water level trends (2007 -2016) M/year	Pre Mon. Fall - 0.25 & Post Mon.Fall - 0.11
Water Management options and Mitigation		
Recycle and Reuse	Reuse of Domestic Waste Water (Flushing, Horticulture, Agriculture, Industry, Construction etc) (MCM)	NA
	Reuse of Industrial Water (MCM)	NA
	Adaptive Management strategies	- Less water Required Crop, Micro irrigation.
Water Conservation and Recharge	Type of artificial recharge RWH structure feasible	Rooftop rain water Harvesting Structure through wells/ Tubewells/ Hand pumps, Ponds, Tanka etc.

Abbreviations:

MM: Millimeter

Lps: Litre per Second

DCB: Dug Cum Borewell

MCM: Million Cubic Metre

TW: Tube Well

Mbgl : Metre below ground level

Cusec: Cubic foot per second ,

m/year: Metre/year