

File No.CGWA-28/1/2020-CGWA

Water Management Plan		
Details of Assessment Unit		
	State	Haryana
	District	Kurukshetra
	Block/Mandal/Taluka/Firka	Thanesar
	Category as per latest GW assessment	OE (2017)
Hydrogeological Details		
	Average Annual Rain Fall (2015-2019) mm	624.2
	Aquifer	Alluvium
	Discharge of Wells (lps)	
	Dug wells	Negligible
	Bore wells	--
	Tube wells	12-20
	DCB	--
	Water Quality	Fresh
	Any other Quality Issue	No
Annual Water Availability		
Fresh water Availability	Ground Water (Quantum in MCM)	57.92
	Surface water including major water bodies (Quantum in MCM)	Not available
Grey water Availability	Domestic (Quantum in MCM)	Yet to receive the data
	Industrial (Quantum in MCM)	Yet to receive the data
Annual Water Consumption		

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	Agriculture (Quantum in MCM)	152.25
	Domestic (Quantum in MCM)	5.85
	Industrial (Quantum in MCM)	14.53
	Decadal Water consumption trends (2004-2017) MCM/year (Rise/falling/no change)	Yet to be received
Common GW Abstraction Structure	Types (Dug well/Bore well/TW/DCB etc.)	Tubewells
	Average Depth (m bgl)	
	Dugwells	--
	Borewells	--
	Tubewells	80-150
	DCB	
Future Availability		
	Surface Water (MCM)	Yet to receive the data
	Ground Water (MCM)	0
Monitoring		
Surface Water Monitoring	Average inflow (Cusec)	Yet to receive the data
	Average outflow (Cusec)	Yet to receive the data
	Quality	Potable
Ground Water Monitoring	Average DTW (m bgl)	34.23

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	Average Decadal Water level trends (m/year (Rise/falling/no change)	1.14-1.17 (fall)
Water Management options and Mitigation		
Recycle and Reuse	Reuse of Domestic Waste Water(MCM) (Flushing, Horticulture, Agriculture, Industry, Construction etc)	Yet to receive the data
	Reuse of Industrial Water (MCM)	Yet to receive the data
	Adaptive Management strategies	Suggestion for Crop diversification, Micro-irrigation etc recommended
Water Conservation and Recharge	Type of artificial recharge RWH structure feasible	Rooftop Rain Water Harvesting Structures with injection wells, Farm Ponds, Percolation Ponds