Water Management Plan

Details of Assessment Unit		
	State	Haryana
	District	Jind
	Block/Mandal/Taluka/Firka	Ujhana
	Category as per latest GW assessment	OE (2017)
Hydrogeological Details		
	Average Annual Rainfall (Period) mm	441 (2015-2019)
	Aquifer (Major aquifer as per aquifer Mapping)	Older Alluvium
	Discharge of Wells (lps) Dugwells Borewells Tubewells DCB	
	Water Quality (Fresh/Saline)	Fresh
	Any other Quality Issue	Fluoride and salinity problem at some places
Annual Water Availability		
Fresh water Availability	Ground Water (Quantum in MCM)	79.14 (Dynamic)
	Surface water including major water bodies (Quantum in MCM)	Yet to receive the data

Grey water Availability	Domestic (Quantum in MCM)	Yet to receive the data
	Industrial (Quantum in MCM)	Yet to receive the data
Annual Water Consumption		
	Agriculture (Quantum in MCM)	330.59
	Domestic (Quantum in MCM)	2.00
	Industrial (Quantum in MCM)	0.29
	Decadal Water consumption trends (Period) (MCM/year (Rise/falling/no change)	Yet to receive the data
Common GW Abstraction Structure	Types (Dug well/Bore well/ TW/DCB etc.)	Tube wells
	Average Depth (m bgl) Dugwells Borewells Tubewells DCB	
Future Availability		
	Surface Water (MCM)	Not Available
	Ground Water (MCM)	0
Monitoring		
Surface Water Monitoring	Average inflow (BCM)	Yet to receive the data
	Average outflow (BCM)	Yet to receive the data

	Quality (Potable/Non potable)	
Ground Water Monitoring	Average DTW (m bgl)	--
	Average Decadal Water level trends (m/year (Rise/ falling/no change)	--
Water Management options and Mitigation		
Recycle and Reuse	Reuse of Domestic Waste Water (Flushing, Horticulture, Agriculture, Industry, Construction etc) (MCM)	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)	1. Laying of underground pipelines instead of having Katcha channel. 2. Changing cropping pattern from paddy to maize/pulses. 3. Adopt RWH and AR Structure Adopt Crop diversification.
Water Conservation and Recharge	Type of artificial recharge RWH structure feasible	Rooftop rainwater harvesting, recharge shaft, percolation pond.