File No. CGWA-28/1/2020-CGWA		
Water Management Plan		
Details of Assessment Unit		
	State	PUNJAB
	District	PATIALA
	Block	PATIALA
	Category as per latest GW assessment	Over-Exploited
Hydrogeological Details		
	Average Annual Rainfall mm (2015-2019)	495
	Aquifer (Major aquifer as per aquifer Mapping)	Older Alluvium
	Discharge of Wells (lps)	
	Dugwells Borewells	-
	Tubewells	8
	DCB	-
Water Quality		Fresh
Any other Quality Issue		No
Annual Water Availability		
Fresh water Availability	Ground Water (Dynamic-Quantum in MCM)	163.34
	Surface water including major water bodies (Quantum in MCM)	31.30
Grey water Availability	Domestic (Quantum in MCM)	30.94
	Industrial (Quantum in MCM)	
Annual Water Consumption		
	Agriculture (Quantum in MCM)	350.38
	Domestic (Quantum in MCM)	22.50
	Industrial (Quantum in MCM)	0
	Decadal Water consumption trends MCM/year (Rise/falling/no change) (Period)	Not Available

Common GW Abstraction Structure	Types	TW .
	Average Depth (mbgl)	
	Dugwells	-
	Borewells	
	Tubewells	150-250 mbgl
	DCB	-
Future Availability		
	Surface Water MCM	
	Ground Water MCM	0
Monitoring		
Surface Water Monitoring		
	Average inflow (Cusec)	Yet to be received
	Average outflow (Cusec)	Yet to be received
	Quality (Potable/Non potable)	Yet to be received
Ground Water Monitoring	Average DTW (mbgl)	28.89
	Average Decadal Water level trends m/year (Rise/ falling/no change)	-0.87
Water Management options and Mitigation		
Recycle and Reuse	Reuse of Domestic Waste Water (Flushing, Horticulture, Agriculture, Industry, Construction etc) (MCM)	Yet to be received
	Reuse of Industrial Water (MCM)	Yet to be received
	Adaptive Management	Crop diversification, Micro-irrigation etc strategies
Water Conservation and Recharge	Type of artificial recharge RWH structure feasible	RWH&AR, Underground Pipelines