Water Management Plan Template		
Details of Assessment Unit		
	State	Tamilnadu
	District	Cuddalore
	Block/Mandal/Taluk/Firka	Taluk: Cuddalore/ Thiruvanthipuram Firka
	Category as per the latest ground water assessment (2017)	Over Exploited
Hydrogeological Details		
	Average Annual Rainfall (Period)	1411.43 mm
	Aquifer	Alluvium, Tertiary
	Discharge of wells (lps)	
	Dug wells	2.5
	Borewells	-
	Tubewells	2.5
	DCB	-
	Water Quality	Fresh
	Any other quality issue	
Annual water availability		
Fresh water Availability	Ground water (in MCM)	90.97
	Surface water including major water bodies (in MCM)	1.160
Grey water Availability	Domestic (in MCM)	33.936
	Industrial (in MCM)	22.624
Annual water Consumption		
	Agriculture (in MCM)	42.8840
	Domestic (in MCM)	33.93846
	Industrial(in MCM)	22.62564
	Decadal Water consumption trends (period) (MCM/year(Rise/falling/no change)	
Common GW Abstraction Structure	Types (Dug well/Borewell/TW/DCB etc.)	
	Average Depth (mbgl)	
	Dug wells	158
	Borewells	-
	Tubewells	3248
	DCM	-

Future Availability		
	Surface Water (in MCM)	1.160
	Ground Water (in MCM)	0
Monitoring		
Surface Water Monitoring	Average inflow (Cusec)	
	Average outflow (Cusec)	
	Quality (Potable/Non potable)	potable
Ground Water Monitoring	Average DTW (mbgl)	6-35
	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,Agriculature,Industry,Construction etc)	Available treated water Used for Horticulture and industrial uses
	Reuse of Industrical water	It is being managed within the industrial purpose like cleaning, gardening etc.,
	Adaptive Management strategies	Suggestion for crop diversification, micro-irrigation etc.
Water Conservation and Recharge	Type of artificial recharge RWH structure feasible	Rooftop RWH structures, construction of Check dams, percolation pond with Recharge shaft, Recharge pit

Abbreviations used

mm: millimetre
lps : Litres Per Second
MCM: Million Cubic Metre
TW: Tube Well
DCB: Dug Cum Bore well
Mbgl: Metres below groundlevel
Cusec: One cubic foot per second
DTW: Depth to water level
RWH: Rainwater Harvesting