



TOTAL ANNUAL RAIN WATER RECHARGE THROUGH RAINWATER HARVESTING:

S. No	Type of Structure/ Surface	Area [A] (sq. m.)	Run off Coefficient [C]	Intensity of rainfall [I] (m/annum)	Total discharge [Q = CIA] (m ³ /annum)
1.	Building foot print area	4507.55	0.90	0.724	2937.12
2.	Plantation/Landscape Area	2593.87	0.30	0.724	563.39
3.	Parking Area	5221	0.75	0.724	2835
4.	Driveway and Paved area	646.94	0.75	0.724	351.29
	Grand Total (1-4)	12969.36			6686.8 m³/annum.

Total Annual Recharge to Ground Water Regime of the area through rainwater harvesting structure would be **6,690 m³/annum**.

B. IMPACT & MANAGEMENT PLAN:

SOURCES	MANAGEMENT
<ul style="list-style-type: none"> Impact on ground water: Daily water demand: 172 KLD 	<ul style="list-style-type: none"> Daily water demand reduced to daily fresh-water demand of 105 KLD (38,325 m³/annum) after implementation of effective Environment Management Plan which will be met from Ground Water (Bore-well) supply. The maximum annual recharge will be to the tune of 6,690 cu. m. to minimize impacts on water-table.

For Neemrana Estate Pvt. Ltd.

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Director

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