

RainForge Assessment Report

Assessment ID: ASM-20260203-8576CB | Generated: 2026-02-03 19:02

Site Information

Site ID	SITE-1770125462263
Address	123 Rain Street, New Delhi
Coordinates	28.6139, 77.209
State / City	Delhi / New Delhi
Roof Area	120.0 m²
Roof Material	concrete

Assessment Results

Annual Rainfall	700.0 mm
Annual Water Yield	71,400 liters
Recommended Tank Size	17,000 liters
CO₂ Avoided (Annually)	18.21 kg

Recommended Scenarios

Scenario	Tank Size	Cost (₹)	Coverage	ROI
Cost Optimized	5,500 L	₹100,275	10 days	46.8 yrs
Maximum Capture	17,000 L	₹260,400	31 days	76.8 yrs
Dry Season Optimized	32,000 L	₹485,400	59 days	181.3 yrs

Financial Summary

Total System Cost	₹260,400
Subsidy Available	50.0% (Max ₹50,000)
Net Cost After Subsidy	₹210,400
Payback Period	76.8 years

Verification



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Engineer Certification

Engineer Name: _____

Registration No: _____

Date: 2026-02-03

Signature:

(Authorized Signature & Seal)

This assessment was generated by RainForge - India's comprehensive rainwater harvesting assessment platform. For queries, contact support@rainforge.in. Report generated with deterministic calculations per BIS standards.