

# 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 m <sup>2</sup>
Roof Material	concrete

## Assessment Results

Annual Rainfall	700.0 mm
Annual Water Yield	71,400 liters
Recommended Tank Size	17,000 liters
CO <sub>2</sub> 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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URL: /api/v1/verify/004da90e-0ef0-458c-8310-19b098f35991

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**Engineer Certification****Engineer Name:** \_\_\_\_\_**Registration No:** \_\_\_\_\_**Date:** 2026-02-03**Signature:**

(Authorized Signature &amp; 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.*