

CASE STUDY

Rainwater Harvesting – Advancing Sustainable Water Stewardship at JB Pharma, Daman

Overview

At JB Pharma, we recognize water as one of the most vital yet increasingly scarce natural resources. As part of our ongoing commitment to environmental sustainability and operational efficiency, the Daman manufacturing plant successfully implemented a Rainwater Harvesting (RWH) system, enabling the conservation, recharge, and reuse of rainwater through a structured and sustainable model.

Key Outcome and Impact

- Reduced dependency on municipal and groundwater sources through large-scale rainwater harvesting
- Harvested rainwater was effectively used for operations, cutting down external water procurement
- Improved groundwater levels in surrounding areas due to recharge impact
- Achieved cost savings through reduced water purchase and lower energy usage for pumping
- Delivered quick return on investment from the RWH system
- Reduced stormwater runoff, minimizing flood and erosion risks in the locality
- Enhanced local water table, supporting environmental resilience and community water access
- Maintained uninterrupted manufacturing operations during dry spells with reliable water availability
- Improved overall resource efficiency and strengthened the plant's sustainability profile



Conclusion

The implementation of the rainwater harvesting system at JB Pharma's Daman facility exemplifies how strategic environmental planning can result in tangible business, ecological, and community benefits. By integrating rainwater harvesting into our operations, we not only secured a consistent water supply but also advanced our broader mission of sustainable, responsible manufacturing.