Study on benchmarking of water usage by water intensive Industries in Haryana

Haryana Water Resource Authority (HWRA) is established by the Government of Haryana under The Haryana Water Resources (Conservation, Regulation and Management) Authority Act, 2020 with a mandate for Conservation, Regulation and Management of water resources, both groundwater and surface water in the state of Haryana.

Many studies have been conducted by various organizations on water conservation and management. However, specific information on water usepatterns / benchmarks in the water intensive industry sectors is lacking atthe Statelevel. Duetolackof such information, the State has not been able to sensitize the industries to proactively adopted techniques / processes for efficient use of ground water as well as re-use of waste water after treatment. Accordingly, it has been decided to carry out a study on benchmarking of water use patterns by the following identified industries:

INDICATIVE LIST OF INDUSTRIES FOR BENCHMARKING	
1. Rice Mill/Sheller	8. Automobile Service Provider
2. Plywood and Allied Products	9. Pharmaceutical
3. Dying and Textile	10. Thermal Power Generation Plants
4. Paper and Pulp	11. Biomass Based Power Plants
5. Distillery, Breweries and Beverages	12. Food Processing Units
6. Sand/Gravel Screening Plant and Stone Crushers	13. Dairy and Allied Products
7. Tanneries	14. Sugar Mills
	15. Automotive Manufacturing

Determination of water consumption for the purpose of benchmarking by various industries involves:

a) Fresh Water consumption range of each Industry type

b) Utilization potential of Treated Waste Water (TWW) by the industry

c) Different products / process / technology within the same industry type

Proposals are invited as per Public Notice **upto 20th Dec, 2022**indicating;

(i) The industry type for which organization / department have capability to conduct benchmarking

(ii) Process of execution

(iii) Estimated timeline for completing the benchmarking of intended clusters

(iv) Experience of having executed similar type of work