

Press Note

“**The Haryana Pond and Waste Water Management Authority**” (HPWWMA) has been established under the obligation of an Act No. 33 of 2018 as notified on 23.10.2018 and it has been published on 18th December, 2018. The Authority has been established to execute various projects for development, protection, rejuvenation, conservation, construction and management of ponds so as to utilize the water of Ponds for the Cattle, Pisci-culture, Irrigation & Ground Water Recharge.

The Authority has set a target to develop polluted ponds first. According to the order of the Haryana Government, the internal construction works are being carried out by Urban Local Body Department & Development & Panchayats Department for the Restoration of Urban and Rural Ponds respectively and the work of providing inlet/outlet to the ponds is being done by Irrigation Department, under the supervision of this Authority.

Achievements of the Authority

1. Collection of Ponds' data:-

In order to achieve the objectives, The Haryana Pond & Waste Water Management Authority (HPWWMA), collected the data of all the Ponds i.e., **16929 (16256 in Rural Area + 573 in Urban Area)** of Haryana State through **Pond Data Management System (PDMS)** Software. Accordingly, all the Ponds have been assigned the Unique IDs & Geo References by this Authority.

2. Action Plan for NGT:-

In compliance of the order of the Hon'ble **National Green Tribunal (NGT)**, dated **10.05.2019**, the Action Plan for restoration/development of all the ponds in next 10-12 years has been submitted to the Hon'ble NGT on 09.08.2019 through the **Central Pollution Control Board (CPCB), New Delhi**.

3. Development of 18 Model Ponds during F.Y. 2019-20:-

The Pond Authority has taken in hand the task of developing/restoring of 18 polluted ponds on first priority in the year 2019-20. The works on these ponds are being executed as per the Model Architectural Drawings consisting of 11 approved components based upon the Digital Survey conducted at these Ponds Sites. The Preparation of estimates based on the Model Drawings have drastically reduced the cost of estimates upto the extent of 50 to 60%. Out of total 18 Ponds, now 7 ponds are near completion.

4. Action Plan for development of 200 Model Ponds during F.Y. 2020-21:-

This Authority has further targeted to develop/restore 200 ponds as Model Ponds in the year 2020-21, including 119 Mahagrams ponds, 52 ponds having religious / historical significance, 14 ponds located along the GT road and 15 other polluted ponds. The Architectural Drawings based upon Digital Survey including Sub Soil Strata Investigation for 103 ponds are being

prepared by the Technical Institutes and for remaining 97 ponds the Architectural Drawings are being prepared by the HPWWMA.

5. Treatment of Waste Water entering into the Ponds:-

- a. For the treatment of waste water flowing into these 18 Model Ponds, the **Constructed Wetland Technology** has been adopted by this Authority in collaboration with Prof. C.R. Babu (Ex. Pro. VC), Delhi University as it involves **Zero energy, least maintenance, more economical as compared to other available technologies.**

- b. The HPWWMA has also proposed to treat the **Tributary Drain No. 4 (Badron Drain)** through the **Constructed Wetland Technology**, so as to utilize the treated water of this said drain for filling of all the ponds of **villages Kasanda & Kasandi** in District Sonipat instead of water from canal.
