Environmentalist Foundation of India

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Date: 11th May 2019

Report – VI

EFI- DXC Technologies;

Interim Report - VI of

Alleri Lake Restoration

- Project type : Scientific rehabilitation of the lake
- Name of the waterbody : Alleri lake
- Location of the water body : https://goo.gl/maps/pUW6indMywj
- Partnering company/Organisation : DXC Technologies.,
- Catchment/Source type : Rain water and natural aquifer
- Purpose of restoration : Biodiversification and physical rehabilitation of the lake

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Focus Agenda:

1. Ecological and scientific restoration of Alleri Lake.
2. To regulate inlet and outlet channels of the waterbody.
3. Desilting, deepening (based on assessment), construction and repairing the water holding bunds. Also, to plant riparian vegetation along the bunds and fencing it wherever required preventing further deterioration.
4. The central focus of this initiative is to assess the stakeholders of the lake and bringing them together towards a common goal of waterbody restoration.
5. To restore and make this lake a prime ground water recharging structure through watershed conservation approach in rapidly urbanizing area.
6. Further, to create a guideline module for future community managed waterbody restoration activities to be taken up within the city.

Alleri tank:

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Tabular column plaining the current Status of the project:

Sl.no	Nature of the Work	Status	Outcome
1.	Desilting	Completed	Routine necessary because of sedimentation and to increase the water holding capacity
2.	Construction and strengthening of bunds	Completed	To keep water levels intact in the lake and also to clearly demarcate the boundary
3	Measurements for construction of recharge pits	Completed	Man – made depressions confined by earthen structures to involve natural treatment and reduce organic contents entering the Lake
4.	Excavation and construction of Centre Circular Recharge pit	Work in progress	Bioregenerative systems integrated into lake to improve ground water percolation
6.	Constructed wetlands	Work in progress	Constructed Wetlands are engineered systems that acts as a biofilter to remove range of pollutants
5.	Construction of Rectangular shafts	Work in progress	Man – made depressions confined by earthen structures to involve natural treatment and reduce organic contents entering the pond

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Photos of the ongoing Restoration work:

Measurements of Recharge pits:

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Excavation of a Rectangular Recharge pits:

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