

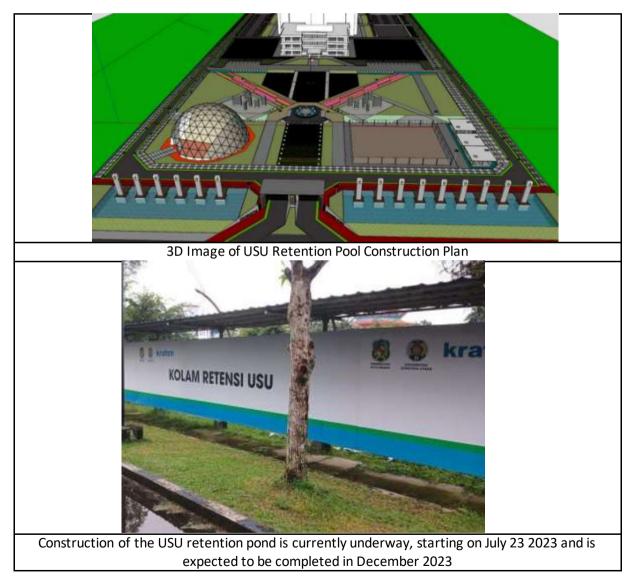




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#### [4] Water (WR)

#### [4.1] Water Conservation Program Implementation











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Infiltration Pool at the Faculty of Agriculture









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Mini Infiltration Pools at the Faculty of Engineering, the Mosque of the Faculty of Pharmacy, and the Tri Dharma Education Forest









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Infiltration Pool in the Tambunaan A Experimental Garden Area









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Embung in Kuala Bekala Campus Area

#### Description

- 1. USU retention pond with a total volume of 9,450 m3, can hold water during rainfall moderate to heavy up to 3 hours duration. To optimize the function of the pool as a flood controller, it is equipped with a pump.
- 2. USU has several infiltration ponds, bio pore, infiltration wells, and reservoirs that are useful for water conservation on campus. The infiltration ponds are located in the Central Library, Faculty of Agriculture, Faculty of Engineering, Faculty of Pharmacy, TriDharma Educational Forest, and the Tambunan A Experimental Garden. The infiltration pond in the Tambunan A Pilot Garden has an area of about 1 hectare and has a storage volume of 35,000 m3, while the reservoir at the Kuala Bekala Campus has an area of about 5 hectares and has a storage volume of 500,000 m<sup>3</sup>.

# Additional evidence link (i.e., for videos, more images, or other files that are not included in this file):

https://www.usu.ac.id/id/berita/atasi-banjir-usu-pemko-medan-bangun-kolam-retensi-

https://greencampus.usu.ac.id/index.php/id/green-campus/bidang/bidang-air