TITLE OF INVENTION: WATER HARVESTING AND FLOOD MANAGEMENT SYSTEM

ABSTRACT

A water harvesting and flood management system comprising:

a detention tank (17) including an open first drainage orifice (25), the detention tank being adapted to collect water and release the water at a controlled rate to a drainage system through the first drainage orifice;

a harvesting tank (15) in fluid communication with the detention tank, the harvesting tank being adapted to collect water and release water in a controlled manner to the detention tank;

wherein the harvesting tank includes a drainage arrangement (27) for controlling the release of water from the harvesting tank to the drainage system, and a level sensor (23) for detecting a water level within the harvesting tank, the level sensor triggering the drainage arrangement to allow water to be released to the drainage system when the level sensor detects the water level within the harvesting tank being at or above a predetermined level, the drainage arrangement preventing the further release of water to the drainage system when the level sensor detects that the water level within the harvesting tank is below the predetermined water level.

[Figure. 1]