

**Guideline of the ‘Tube Well Construction Procedure’ according to the Extraordinary
Gazette No. 2010/23 and dated 16th March 2017 responsibility given to the
Water Resources Board.**

As per the Gazette, the responsibility of formulate the groundwater regulation in island wide has given to the Water Resources Board (WRB) and the tube well has to be constructed according to the following guidelines.

1. As the first step, the application form of “Request Form for Constructing a Deep Tube Well” has to be filled with the correct information (The request form is attached in WRB website at Item Form 01).

The Request form should be completed;

- i. The No. 1 has to be filled by considering the personal details of the applicant.
- ii. The details of the tube well construction location have to be filled under the No.2.
- iii. The purpose of the tube well construction and the daily water requirement has to be provided in No. 3.
- iv. The given information has to be certified by the Divisional Secretary through ‘Grama Niladari’ of the area in No.4.

2. After completion the above sections of the ‘Request Form’, the groundwater investigations should be carried out to select the best location to construct the Tube Well. Through the groundwater investigations,

- i. Understanding of the groundwater availability with in the land whether to fulfill the expected water requirement,
- ii. The tube well construction design and procedure (Exe. the best location of the land for tube well construction, the total depth of the tube well , PVC diameter & the casing depth related to the technical specification of the proposed tube well.).
- iii. To select the location without influence to the surrounding groundwater sources.

The groundwater investigations shall be carried out through the Water Resources Board or the external Hydrogeologist who registered at the Water Resources Board (as given in ‘wrb.gov.lk’ web site).

3. The approval has to be taken for the Groundwater Investigation Report from the Water Resources Board before construction of the tube well. The report has to be submitted with the request form (certified by the Divisional Secretary) after having the signature of the hydrogeologist under the No.5, who carried out the groundwater investigation of the respective land.

4. After receiving the approval to the groundwater investigation report from the Water Resources Board, the tube well has to be constructed as per the recommended guideline, design and procedure. The tube well shall be constructed from Water Resources Board or the external Drilling Companies who registered at Water Resources Board (as given in ‘wrb.gov.lk’ web site).

5. If the constructed tube well water is used for commercial purposes or agricultural activities, the pumping test should be carried out from the Water Resources Board to determine safe yield (safe groundwater extraction volume per day), pumping procedure and pump installation depth etc. without impact to the surrounding environment.

6. If any Company or Institute utilizes groundwater to fulfill their water requirement on commercial basis, the groundwater resources should be registered at Water Resources Board and the flow meter has to be installed under the supervision of Water Resources Board for the monitoring.