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Office of the Executive Engineer,
Project Division, Kattappana

KERALA WATER AUTHORITY

No.AB – KIIFB – 308/2021-22

Dated: 07.07.2022

From

The Executive Engineer.

To

The Superintending Engineer,
Kerala Water Authority,
P.H Circle, Muvattupuzha.

Sir,

Sub:- Regarding the construction of Check Dam at Thonithady near Upputhara area in Idukki District - reg.

Ref:- 1. Ltr. No. DGC/AEEII/Damsafety/26/2022 dtd, 07.02.2022 addressed to the Managing Director, KWA

2. KWA/JB/PIU-2/AEE-5/10/KIIFB/AYYAPPANKOVIL-PACKAGE III/2022 Dtd, 27.06.2022 of the MD, KWA. JB, TVM

Vide reference (2) the MD requested to report the circumstance under which the objection arises for the construction of Checkdam.

Vide reference 1 Chairman and MD, KSEB reported that the top level of the proposed structure is 731.80m and FRL of the Idukki reservoir is 734.1m. Construction of any structure within the MWL 734.1m is not advisable and hence requested to stop the construction below the FRL of the Idukki reservoir in Thonithadi area.

The checkdam is constructed with a base level of 730m. It helps to obstruct water flowing below 730m and removable shutter is proposed for a height of 1.8m above the base level. So in rainy season all shutters are removed to ensure water freely flowing above 730m. In summer temporally shutter is placed to raise the water level upto 731.8m, so water is flowing above 731.8m. It is designed like a submersible checkdam and the structure will be safe if the water level even increased to MWL.

While preparing the site The KSEB (Dam safety) authorities asked to stop the work and instructed to clear the approval before starting the work. Hence May14th onwards there is no construction activities in the proposed site

Yours faithfully,

M. K. K.
EXECUTIVE ENGINEER.