

RTI URGENTOffice of the Chief Engineer
Inter State Waters

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Dated:05-12-2023

ISW-CE/160/2023-AD2

From

The State Public Information Officer &
Executive Engineer ISW

To

Sri.Dominic Simon
C/O Claramma, Valiyil Puthanpurayil
Palackkattumala P.O, Vallichira
Kottayam – 686635
Email: dominicsimon@live.com

Sir,

Subject : First Appeal on RTI Application dated 01.10.2023 - Information
: on Mullaperiyar or/ and Idukki reservoirs or/and reservoirs
downstream under RTI Act 2005-reg-

Reference : 1. Email dated 15.11.2023 for First Appeal on the reply of PIO
on your RTI Application.
2. Direction of first Appellate Authority in this office file dated
28.11.2023 and 04.12.2023

As per the direction of the first Appellate Authority given vide reference 2nd
cited in the note file, I am furnishing herewith the information requested by you
on first appeal vide reference 1st cited above.

1. Mullaperiyar Dam

2.The list of Reports available in this office as follows:

SL NO	REPORT	NO.OF PAGES
1.	Report of the Empowered Committee- April 2012	234 Pages
2.	Expert Committee Report - March 2001	80 Pages
3.	Dam Break Analysis (Mullaperiyar Dam to Idukki Reservoir - IIT Roorkee -2012)	80 Pages
4.	Dam Break Analysis (Idukki HEP to Lower Periyar Reservoir -IIT Roorkee 2012)	163 Pages+ (A3)-1 Page
5.	Dam Break Analysis (Lower Periyar to Arabian Sea - IIT Roorkee 2012)	62 Pages +(A3)- 2 Pages
	Dam Break Analysis (Kulamavu Dam to Arabian Sea -	

6.	IIT-Roorkee- 2012)	89 Pages
7.	Probable Maximum Flood Estimation & Flood routing study for Mullaperiyar Dam - IIT Delhi)	39 Pages
8.	Maps Giving Results of Dam Break Analysis Of Mullaperiyar Dam by CWC	(A3)-33 Pages
9.	EQD-2008-27-Structural Stability of Mullaperiyar Dam - Considering Seismic effect Part- I - Seismic Hazard Assessment, IIT -Roorkee- May 2008	29 Pages
10.	EQD-2008-27-Seismic Stability of Mullaperiyar Composite Dam - IIT - Roorkee - Oct-2009	62 Pages
11.	Report of the National Expert Committee Constituted by the Department of Water Resources-GoK-An Assessment of the Ecological Impact of Water level increase at Mullaperiyar Dam	19 Pages
12.	Sedimentation Survey of Mullaperiyar Reservoir, Tamil Nadu using integrated Bathymetry System (IBS) - January 2012- Central Water and Power Research Station Pune	30 Pages

For obtaining the above reports in electronic format Rs.300 for 4 CDs at Rs. 75/each by remitting the amount in the Government Treasury, under the Head of Account "0070-60-118-99-Receipts under the Right to Information Act,2005" and copy of original Challan/Receipt may be forwarded to this office.

3. Details not available in this office.

4.Yes. Central Water Commission in 2017 has prepared the flood inundation maps highlighting the flooding patterns of the region from Mullaperiyar Dam to Arabian Sea due to three conditions such as Dam failure by over topping, a non-flood dam failure caused by internal erosion and a large controlled release flood through the spillway. Government of Kerala has requested to revise the dam break study by incorporating the maximum flood level data observed in 2018 and had supplied the essential details requested for the same. The updated analysis is under progressing in Central Water Commission.

5.Studies incorporating the climatic changes in recent years or future are under consideration.

6.Activity not related to this office.

7.Not available in this office.

Yours Faithfully

Public Information Officer &
Executive Engineer, ISW