



No: BB/9156/Vol-V/15/1397-1399
 Government of India
 Ministry of Water Resources,
 River Development & Ganga Rejuvenation
 Brahmaputra Board

www.bbrahmaputra.gov.in

जल बचत - जल संचय

Basistha, Guwahati -29
 Dated April 04, 2016

To

The Commissioner (B&B)
 Ministry of Water Resources, RD&GR
 2nd Floor, Block No.3
 CGO Complex, Lodhi Road
 New Delhi - 110 003

Sub : PMO Reference on - Memorandum on behalf of the populace of 126 / Sadiya Constituency of Assam

Sir,

Kindly refer to MoWR,RD&GR letter No.Y-1/2016-B&B/393-397 dated 24.02.2016 on the subject cited above. A copy of Prime Minister Officer's ID No.10/03/C/0003/2016-NE Cell dated 11.02.2016 along with its enclosures was forwarded with a request to furnish comments / views on the issue raised in the aforesaid reference. As desired therein, a note on 126 / Sadiya Constituency of Assam pertaining to Brahmaputra Board is enclosed for favour of information please.

Yours faithfully,

Encl : As above

(J. C. Mazumdar)
 Executive Engineer (HQ)

Copy to for favour of information to:-

1. PPS to Secretary, Ministry of Water Resources, RD&GR, Shram Shakti Bhawan, Rafi Marg, New Delhi -110 001
2. The Deputy Secretary, Prime Minister's Office, South block, New Delhi -110011. This has with reference to PMO ID No.10/03/C/0003/2016-NE Cell dated 11.02.2016.

O/c

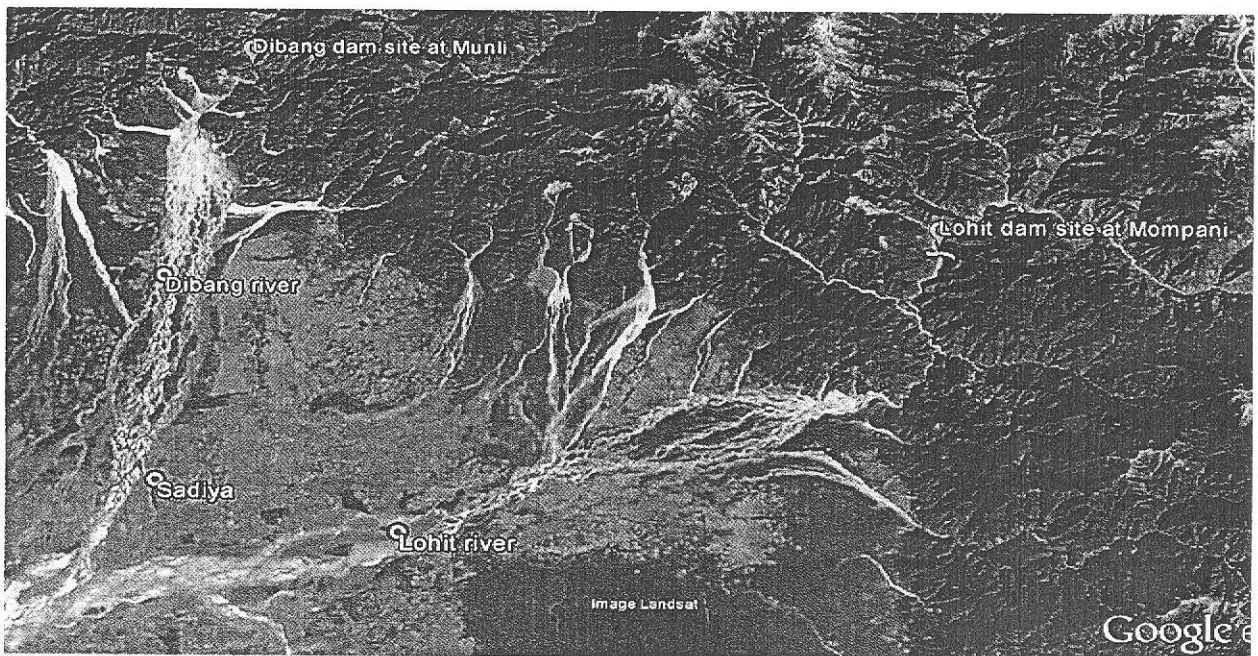
A note on 126 / Sadiya Constituency of Assam

The relevant points to Brahmaputra Board are at Sl. No. 2, 3 & 4 of the memorandum written by the President, Self Defence Foundation, Tinsukia, Assam to Hon'ble Prime Minister of India. These are discussed below :

Point 2: Flood problem of Sadiya area

Immediately after the great earth quake of 1950, the Dibang and Lohit river were blocked by land slips. Later, the block materials were carried down by the rivers and silted up large areas in the foothills. The consequent widening of the river bed caused considerable erosion at Sadiya, and the town had to be subsequently abandoned. Large silting in Lohit river and rise in bed level at its confluence with Debang river near Sadiya also added to the situation leading to erosion of Sadiya town.

Brahmaputra Board has prepared 57 Master Plans out of which 49 are approved by Government of India. After detail study of the problems in Brahmaputra Valley, the Board has determined conclusively that "the key to a long term, effective and reasonable permanent solution of the flood problem of Brahmaputra Valley lies in constructing some large storage reservoirs. No other measure, be it embankment, afforestation or watershed management would contribute as much to the reduction of flood problem of the valley". With this point in view, 125 dam projects with large storages in the main tributaries of Brahmaputra were identified by Brahmaputra Board. Board has also identified and investigated storage reservoirs with 480 MCM in Dibang river and similar reservoir in Lohit river. A map showing the location of These 2(two) dam sites and Sadiya area is shown below. Such large reservoirs with provision for flood cushion would eliminate flood and erosion problem in the Sadiya constituency to a great extent.



Sadiya are between Lohit and Dibang river

Point 3: Dirak-Sumoni Dyke

As per information gathered over phone, Water Resources Department, Government of Assam is responsible for protection work in this reach and they have been taking measures in the area since 1990s.

Point 4: Big dams-small dams

Dam projects with large reservoirs and sufficient flood cushion facility is essential for moderation of flood in a river. A series of small dams in place of a large dam may be able to generate electricity comparable to that of the large dam. It is also agreed that construction of such smaller projects are convenient due to lesser environmental and rehabilitation problem with short gestation period. However, the total storage of such smaller dams, on addition, will not be anywhere near the storage of a single large dam.

The catchment area of Kundil river is 872 sq km, out of which 665 sq km is in plain and 207 sq km in hill. The river is mostly flowing in the plain area. As the catchment and the availability of water of Kundil river in hill portion is small, the scope of generation of sufficient power and moderation of flood in its plain area under Sadiya constituency does not exist. However, irrigation potential of the river is not explored yet by Brahmaputra Board.

Jia is very small river flowing mainly in the plain area. Hill catchment of Jia river is negligible. Hence, scope of power generation does not exist.