

Sir. Two Memorandum of Understandings for cooperation in the field of water were signed during the recent visit of the Prime Minister to Israel. First MoU relates to Water Conservation Campaign and second MoU relates to reform of Uttar Pradesh Jal Nigam.

Amount spent for making Ganga and Yamuna pollution free

†1756. SHRI D.P. TRIPATHI:

SHRI MOTILAL VORA:

Will the Minister of WATER RESOURCES, RIVER DEVELOPMENT AND GANGA REJUVENATION be pleased to state:

- (a) the amount spent during the last three years for making Ganga and Yamuna pollution free;
- (b) the part of Ganga and Yamuna river that have been made pollution free during the last three years;
- (c) the deadline set for making the entire stretch of Ganga and Yamuna rivers completely pollution free; and
- (d) if not, the reasons therefor?

THE MINISTER OF STATE IN THE MINISTRY OF WATER RESOURCES, RIVER DEVELOPMENT AND GANGA REJUVENATION (SHRI VIJAY GOEL): (a) The amount spent during the last three years for cleaning of river Ganga and its tributaries including Yamuna is tabulated below:—

FY from 2014-15 to 2016-17 till 31.03.2017		(₹ in crore)
Financial Year	Expenditure/Releases	
2014-15	170.99	
2015-16	602.60	
2016-17	1,062.81	
TOTAL	1,836.40	

(b) Cleaning of river Ganga is being carried out through various activities including treatment of municipal sewage, treatment of industrial effluent, river surface cleaning, rural sanitation, afforestation and biodiversity etc. The municipal sewage being generated in cities on the banks of Ganga is being managed by a mix of

†Original notice of the question was received in Hindi.

Interception and Diversion projects, sewerage Network and Sewage Treatment Plant (STP) projects.

The four stretches of river Ganga where Biological Oxygen Demand (BOD) levels are more than permissible limits, as monitored by Central Pollution Control Board (CPCB) is given in table below:—

State	Stretch	Identified Length of Stretch (km.)	BOD range/ max value (mg/l)
Uttarakhand	Haridwar to Sultanpur Adampur	10	4.2-5.8
Uttar Pradesh	Kannauj to Varanasi	450	3.8-16.9
Bihar	Buxar to Bhagalpur	40	7.8-27
West Bengal	Tribeni to Diamond Harbour	50	3.1-5.8

In other stretches, BOD levels are within permissible limits *i.e.* ≤ 3 mg/l. However, as per monitoring reports of CPCB, entire stretch of river Ganga has high levels of faecal coliform against the prescribed limits.

(c) and (d) Cleaning of river is a continuous process. However, in Namami Gange 3 types of projects are envisaged:—

- (i) Short term project
- (ii) Medium term project
- (iii) Long term project

Efforts are being made to complete Short term and Medium term projects by 2020.

Clubbing of irrigation projects with CADWM programme

1757. DR. PRADEEP KUMAR BALMUCHU: Will the Minister of WATER RESOURCES, RIVER DEVELOPMENT AND GANGA REJUVENATION be pleased to state:

(a) whether it is a fact that Government is planning to expand the Command Area Development and Water Management (CADWM) by covering eight other minor irrigation projects; and