

MINUTES OF THE FOURTEENTH MEETING OF NEPAL-INDIA JOINT COMMITTEE ON INUNDATION AND FLOOD MANAGEMENT (JCIFM)

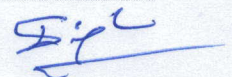
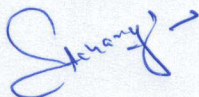
(March 09 -13, 2022)

The Fourteenth meeting of Nepal-India Joint Committee on Inundation and Flood Management (JCIFM) was held from March 09-13, 2022 in Nepal. The Nepali delegation was led by Mr. Susheel Chandra Acharya, Director General of the Department of Water Resources and Irrigation (DWRI), Government of Nepal and the Indian delegation was led by Mr. Sher Singh, Member (Planning), Ganga Flood Control Commission (GFCC), Government of India. The meeting kicked off with the intensive joint field visits to the Khando, West Rapti, Banganga, Mohana, Geruwa, Karnali rivers, Mahalisagar and Narainapur from March 09-12, 2022 for the assessment of the works to be taken up, flooding, erosion and inundation issues followed by final meeting held on 13 March 2022 in Kathmandu. The list of participants of the meeting and details of Contact officers are presented in Annexure I, Annexure II and Annexure III.

The Team Leader of the Nepali delegation received and extended his warm welcome to the Indian delegation during the Khando river site visit on 09 March 2022 and briefed about the river training projects going to be assessed during the site visit. On 13 March 2022 the formal meeting started in Kathmandu and Mr. Acharya expressed his sincere gratitude to Government of India for their continuous support in this sector and stated that JCIFM has been sincerely working to promote cooperation between our two nations for effective management of inundation and flood for mutual benefit.

Mr. Acharya with great pleasure stated that, the successful completion of construction of Extension of Embankment and protection work in Bagmati, Lalbakeya and Kamala Rivers, has minimized the inundation issues and fulfilled their purpose of protection works. In addition to that, he also thanked Government of India and its people for undertaking new river training projects in Khando, Banganga and West Rapti rivers which were proposed during the last sixth JSTC (9-10 January, 2019), for the construction of Extension of Embankment under the grant assistance of Government of India. He hoped for the same confidence and cooperation, as in previous three projects for newly taken up three projects.

In his opening remarks, Mr. Sher Singh team leader of Indian side, thanked for the warm welcome. He also congratulated Nepali team leader for dynamic leadership and active cooperation. He stated that the teams have visited the



Khando, West-Rapti, Banganga and some other rivers; visualised the issues related to flooding, erosion and inundation and inspected the need of proposed emergent works on these rivers.

In reference to the 13th JCIFM meeting, the Nepali side recalled the relevance of capacity building of the concerned Nepali officials in the field of water resources for the mutual cooperation of both the countries. The context of capacity building of officials is still relevant and necessary as Nepal is in the process of taking up new river training projects for Khando, West Rapti and Banganga River. Nepali side requested for organizing relevant capacity building programs for ensuring effective and efficient execution of the newly taken up works. The Indian side noted the Nepali request and informed the Nepali side that several courses including in virtual mode are organized by the National Water Academy, Pune which may be availed by the Nepali side.

A) REVIEW OF ONGOING WORKS ON KAMALA, BAGMATI AND LALBAKAYA RIVERS IN NEPAL AND THEIR COMPLETION CERTIFICATES.

The Nepali side sincerely thanked the Government of India for continued financial support towards implementation of river training works of Kamala, Bagmati and Lalbakaya rivers. As discussed in the previous meetings of JCIFM, the Nepali side informed that for a few construction packages of Bagmati River, the necessary action is being taken for preparation of completion certificates. The issue is currently sub-judice. The Indian side expressed its concern and requested to expedite the matter.

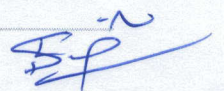
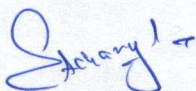
B) DPRS STATUS OF KHANDO, BANGANGA AND WEST RAPTI RIVER

B-I KHANDO RIVER

The Government of Nepal had submitted the DPR in April 2021 to GFCC. The GFCC has issued some technical observations for necessary compliance on 24 June 2021. The Committee visited the site and interacted with the concerned Project Officials. The Indian side assured that necessary techno-economic appraisal will be provided at the earliest after receipt of proper compliances.

B-II BANGANGA RIVER

The Government of Nepal had submitted the DPR in April 2021 to GFCC. The GFCC has issued some technical observations for necessary compliance on 26



October 2021. The Committee visited the site and interacted with the concerned project officials. The Indian side assured that necessary techno-economic appraisal will be provided at the earliest after receipt of proper compliances.

B-III WEST RAPTI RIVER

The Government of Nepal had submitted the DPR in April 2021 to GFCC. The GFCC has issued some technical observations for necessary compliance on 26 October 2021. The Committee visited the site and interacted with the concerned Project Officials. The Indian side assured that necessary techno-economic appraisal will be provided at the earliest after receipt of proper compliances.

C) EMERGENT WORKS ON KHANDO, WEST RAPTI AND BANGANGA RIVERS:

C-I KHANDO RIVER:

As per the directives by the 12th and 13th JCIFM, the Emergent works were executed as per the recommendation of JCIFM. Its Utilization certificates of NRs. 4.629 crore was submitted to GFCC with the request for reimbursement of expenditure incurred on these works on 12 April 2021.

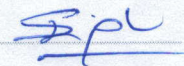
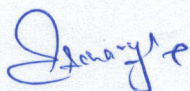
The Committee reviewed the emergent works implemented and noted that the works are by and large serving their intended purpose and reducing risk to adjacent villages. The Nepali side mentioned that due to site conditions the length of the flood protection works with boulder pitching on river side slope with launching apron exceeds the length mentioned in the 13th JCIFM. However, on request of Nepali side the committee decided to approve the works implemented in the length of 600 m on both banks at Lonia and Bhelhi.

C-II WEST RAPTI:

The 13th JCIFM had recommended to undertake the emergent works at Bhoj- Bhagwanpur (Left Bank) and Joraiya (Left Bank). Nepali side informed that the emergent works could not be executed at the said time due to COVID pandemic.

The committee visited the proposed emergent site of Bhoj- Bhagwanpur (Left Bank) and noted its vulnerability. On the request of the Nepali side, the committee recommended following emergent works:

Bhoj- Bhagwanpur: Placing three rows of RCC porcupines screen with bushes for a length of 2500 m.



Joraiya (Left Bank), Rapti Sonari: Laying of three rows of RCC porcupines screen with bushes in a length about 1400 m.

C-III BANGANGA:

With reference to the 13th JCIFM recommendation to implement emergent works at Khoriya (Left Bank), Nepali side informed that the said works could not be initiated earlier due to COVID pandemic. The team visited the sites of Banganga river including Khoriya and Hardauna and on request of Nepali side recommended the following emergent works:

Khoriya: During the site visit the team noticed that certain portion of earthen embankment has been completely washed away. The committee recommended to implement restoration of the bank protection works including construction of earthen embankment. Nepali side further clarified that due to the urgency of the site condition, the tender process has already been initiated and requested for post concurrence of the planned emergent works. The committee also recommended for smoothening of the right bank by removal of deposited silt.

Herdauna: The committee recommended for placing three rows of porcupines screen with bushes for a length of 1000 m.

The committee further directed that above works should be completed before the onset of the monsoon.

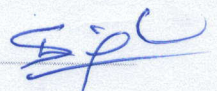
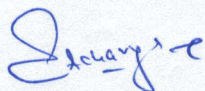
D) FLOOD INUNDATION ISSUES

D-I KAMALA RIVER (INERWA, NEPAL and JAYNAGAR, INDIA):

The Nepal side assured that the required NOC for tagging of embankments on Kamala River will be issued at the earliest. Nepali side requested for tagging of both embankments simultaneously.

D-II RATO RIVER (JALESHWOR, NEPAL and BHITTAMORE, INDIA):

The Indian side informed that the tagging works has been initiated in the Indian territory; however the tagging could not be undertaken due to objections raised by local authorities of Mahottari, Nepal. The Nepal side informed that NOC has been issued by Nepali side immediately after the receipt of request from Indian side. Nepali side further conveyed that necessary instructions have been issued to the local authorities to allow the tagging of said embankments as per issued NOC.



D-III CONNECTION OF LEFT AND RIGHT EMBANKMENTS OF BAGMATI RIVER (BAIRGANIYA RING BUND):

The Indian side informed that both the left and right embankment tagging will be done simultaneously and added that the DPR has been prepared and under the process of approval. The Indian side requested for NOC for tagging both these embankments.

The Nepali side requested the Indian side to expedite the process in order to tag the right bank to address long pending issue. The Indian side assured that the tagging works will be implemented at the earliest.

Regarding the left bank tagging Nepali side noted the issue. Regarding the NOC Indian side was requested to communicate the request through diplomatic channel.

D-IV LAKHANDEHI RIVER (PAKARI-BARA-UDHORAN, NEPAL and MUDAHA, INDIA):

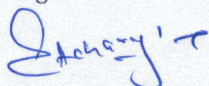
The Nepali side sought the updated status on the recommendation made by the sub group for providing additional AFS in the existing embankment, one at Murhaghat thana no 2, near SSB camp and second at east of Madhopur-Bara Udhoran road. The Indian side informed that the civil works have been completed.

The Nepali side expressed concern about the lack of adequate channel downstream of the structure. The Nepali side requested to monitor the situation during the monsoon and provide necessary recommendation by the sub group and hold the execution of gate installation until further recommendation.

D-V RIGHT BANK EMBANKMENT OF LAL BAKEYA RIVER:

The Nepali side referred to the joint inspection of the first sub group observation and request for exploring the possibility of providing opening on the embankment as recommended. As agreed in the 13th JCIFM the construction works for widening of existing six vents AFS in Nepal portion is underway and the situation of inundation will be examined thereafter.

The Indian side said that Nepali side is undertaking widening of existing vents without intimating the Indian side as was decided during the 13th JCIFM. Indian side therefore requested update from Nepali side as decided during the 13th JCIFM meeting.



D-VI MAHALISAGAR RESERVOIR (RANGPUR & BHAGWANPUR, NEPAL - MAHALI & KARHAYIA, INDIA):

The issue was discussed in detail in the meeting.

The Indian side reiterated that the FRL i.e the pond level of Mahalisagar is 92.76 m and the gates need to be installed over the crest constructed recently to store water upto this level. This gated structure would be a new structure in place of old damaged one without increase in earlier pond level. The Indian side also noted that as per the report furnished by Nepali side after site inspection on 7 August 2001 the inundation area in Nepal due to Mahalisagar was 179.93 ha. The Indian side assured that this pond level of 92.76 m if achieved will not increase the inundation area in Nepal.

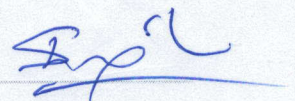
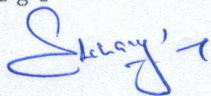
The Nepali side recalled the decision of 12th JCIFM in which it was agreed to accept the views of the Nepali side as stated in the 11th JCIFM to limit the inundation on Nepali side to 32.3 ha. It was further agreed in the 13th JCIFM that a report of Joint Survey be submitted. Nepali side further reiterated the way forward agreed in the 13th meeting of the JCIFM be implemented first before any further undertakings.

The Indian side added that during the 12th JCIFM the views of Nepali side as stated in the 11th JCIFM was accepted only for the time being by the Indian side. The Indian side reiterated that Para D(i) of minutes of 12th JCIFM do not convey that it was the decision of the JCIFM. The Indian side further stated that the report of joint survey as referred in the minutes of 13th JCIFM do not provide any data for the pre 1990s period when the gated regulators of the Mahalisagar were in operation.

D-VII EXISTING OPENING FOR BAJBAJWA NALA ON KALKALWA BUND:

The 13th JCIFM had observed the report of Joint Inspection of Sub-Group of JCIFM which reported that the channelization of Bajbajwa nala including its cleaning up to Indo-Nepal border is necessary so that flood water of the area may pass smoothly. The Indian side informed that the structure had been widened and the existing drain has been cleaned and has performed well during the last two monsoons.

The committee directed the sub group to jointly observe the situation during the coming monsoon and assess the performance of the structures.



D-VIII CROSS-DRAINAGE STRUCTURE ALONG WESTERN GANDAK CANAL (WGC) AT 5.85 RD, 16 RD and 24 RD (Ratanpura, Nawalparasi, Nepal):

It was decided to refer this agenda to the Joint Committee on Kosi and Gandak Project (JCKGP).

D-IX KHAJURA KHOLA (HARSAPUR, NEPAL-LAXMIPUR KALA, INDIA) JHARAHI KHOLA (GANESHPUR, NEPAL-THUTIBARI, INDIA) AND DHANEWA RIVER:

The Indian side agreed for clearing and maintaining the adequate channel in the Indian territory up to Nepal- India border after the confluence of Jharahi and Dhanewa river.

D-X EAST WEST ROAD NEAR PRATAPPUR-6, WEST NAWALPARASI/LINETOL, MAHARAJGUNG AND DRAINAGE OF DHABAHA RIVER

Nepali side expressed concern about the drainage provision on the newly constructed road near Pratappur-6 Jhulanipur of West Nawalparasi District of Nepal and Linetole, Maharajganj District Uttar Pradesh, India. Nepali side further informed that in Dhabaha Khola Nepal has constructed 33 m span bridge 2 km upstream of the of Nepal-India border and hence requested to provide adequate cross drainage structures in the road embankment at Dhabaha Khola.

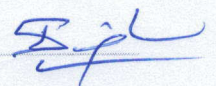
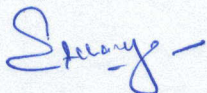
The Indian side noted the Nepali side's request.

D-XI EMBANKMENT ON MECHI RIVER

The committee directed the concerned contact officer of Nepal to revise the DPR and submit to GFCC for necessary techno-economic appraisal.

D-XII MAHAKALI RIVER EROSION AT BHUJELA VILLAGE, KANCHANPUR

As per decision made in 6th JSTC the Nepali side stated that the opening of two rows of 30 cm diameter in Indian side bunds is not sufficient and requested for additional 7 sq. m. Indian side informed that the estimate has been completed and the work will be completed at the earliest. Nepali side expressed concern about the maintenance of the launching apron of the Indian embankment to avoid any possible damage to the embankment and possible flooding in the Nepalese territory.



The Indian side noted the Nepali side's statement.

D-XIII KHANDO RIVER

The team visited Kanauli on the bank of Khando River where an embankment construction work from Nepal side was undergoing. Indian side mentioned that both side embankments with sharp bends have been constructed on the Khando river upstream of India-Nepal border. The team suggested that for such kind of works, codal provisions should be followed.

E) KHOTILA LANDSLIDE IN MAHAKALI RIVER AT DARCHULA:

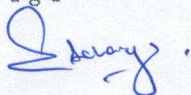
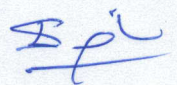
The Nepali side sought the updated status on restoration measures on the Khotila landslide at Mahakali River. The Indian side informed that necessary studies are underway and will be shared with the Nepali side. Both the sides agreed that the waterway of the river has to be maintained.

F) FLOOD FORECASTING ISSUE

JSTC in its 6th meeting during January, 2019 constituted a joint team to review and update the flood forecasting network proposed by the task force during 2011 including expansion and modernization and proposed a mechanism for mutual sharing of hydro-meteorological data in India and Nepal. The meeting was held on 21-22, August, 2019 in Patna following a field visit to the Flood Forecasting sites of CWC, Bihar. The next meeting of the joint technical team expected to be held in Nepal to finalize the report with updating the task force report and shall be submitted to JSTC.

G) RESTRUCTURING OF THE JCIFM SUB GROUP

The committee took reference to fifth para of 12th JCIFM which recommended to constitute a Sub-Group on Inundation and Flood Management to assist JCIFM along with the Terms of Reference. Upon request of the Nepali side the committee recommended to restructuring of the Sub Group to further facilitate the JCIFM in addressing the Inundation and Flood Management issues in a mutually beneficial and timely manner. In addition to the Terms of Reference mentioned in 12th JCIFM, the sub group shall assist JCIFM in monitoring the physical and financial progress of works approved by JCIFM and keep updated status report in regards to the Khando, West Rapti and Banganga River.



The recommended constitution of the Sub-Group is

S.N	Members (Indian Side)	Members (Nepali Side)	Designation
1	Director (P & C), GFCC, Patna	Deputy Director General, WIDMD, DWRI	Team Leader
2	Deputy Director (P & C), GFCC, Patna	Senior Divisional Engineer, WIDMD, DWRI,	Member-Secretary
3	Chief Engineer, WRD, Govt. Of Bihar/Chief Engineer, Irrigation Department, Govt. Of UP/Chairman, North Bengal Flood Control Commission, Govt. Of West Bengal	Office-in-charge of concerned offices of DWRI	Invitee Member
4	Representative of EOI, Kathmandu, Nepal	Representative of Ministry of Foreign Affairs, Government of Nepal	Member

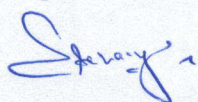
H) NEW ISSUES

I) The Indian side raised the issues of embankments constructed by the Nepali side on the left bank of Mahakali River at Darchula, Nepal endangering structures on Indian Side.

II) The Nepali side raised the issues of embankment being constructed by the Indian side on the right bank of Mahakali River at Dharchula, India endangering structures on Nepali Side.

III) The Indian side mentioned that it has come to their notice that water is being diverted from Geruwa river into the Karnali River, for possibly constructing a bridge on Geruwa River, which has enhanced the flow in Karnali, causing greater erosion and flooding in downstream areas in Indian territory. The said bridge is already completed. The Nepali side mentioned that no diversion has been constructed during the bridge construction in the Geruwa River. The fluctuation of the discharge over the period of time is due to natural phenomenon.

IV) The Indian side raised the problem of inundation and erosion taking in some places in Lakhimpur Kheri district (India) due to some construction activities undertaken on Nepal side of the border, which as per the Indian side has reduced the waterway to pass high flood in certain rivers in this area. Nepali side




mentioned that the inundation and erosion is due to natural river phenomena and not due to any construction activities.

V) The Nepal side raised the inundation issue at Narainapur Rural Municipality, Banke due to the construction of East-West road along the border in Indian side and providing inadequate number and size of cross drainage structures to pass the flood discharge by Indian Side.

The committee decided that the Sub-Group would examine the above mentioned issues at H (I) to H (V) and propose the way forward.

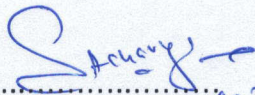
I) ANY OTHER ITEMS

Inundation issue due to on-going infrastructure construction near India-Nepal border.

The Nepali side recalled the minutes of 13th JCIFM meeting in which Nepali side was requested to take up the matter with Government of India through diplomatic channel.

The meeting was held in a cordial and friendly atmosphere.

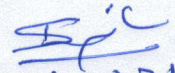
Signed on 14 March 2022 at Kathmandu.


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14-3-2022

(Susheel Chandra Acharya)

Team Leader/ Director General
Department of Water Resources and
Irrigation (DWRI), Kathmandu

Government of Nepal


.....
14.03.2022

(Sher Singh)

Team Leader/Member (Planning)
Ganga Flood Control Commission
(GFCC), Patna

Government of India

FOURTEENTH MEETING OF JCIFM (09 -13 March 2022)

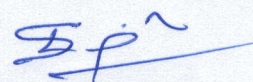
LIST OF PARTICIPANTS

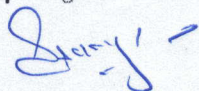
INDIAN SIDE:

- | | |
|--|--------------------|
| 1. Mr. Sher Singh, Member (P), GFCC, Patna | -Team Leader |
| 2. Mr. Amit Shukla, Director (North), MEA,India | -Member |
| 3. Mr. A. K. Nayak, Chief Engineer, LBGO, CWC, Patna | -Member |
| 4. Dr. M.K Nigam, CE (East), I&WRD, GoUP | -Member |
| 5. Mr. Rakesh Toteja, Sr. Joint Commissioner, MoJS,DoWR, RD & GR | -Member |
| 6. Mr. Abhishek Upadhyay, First Secretary(Commerce), EOI | -Member |
| 7. Mr. Rajesh Kumar Singh, Director, GFCC, Patna | - Member Secretary |
| 8. Mr. Nawal Kishore Singh, SE, WRD, GoB, Patna | -Member |

INVITEES:

9. Mr. Ashok Kumar Patro, Deputy Secretary (Finance), MoJS,DoWR,RD&GR
10. Ms. Hemantika Ahuja, AO,Finance,MEA
11. Mr. R.Girdhar, Deputy Commissioner, MoJS, DoWR, RD & GR
12. Mr. Kumar Vaibhav, Deputy Director, GFCC, Patna





FOURTEENTH MEETING OF JCIFM (09 to 22 March, 2022)

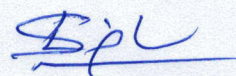
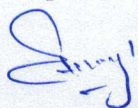
LIST OF PARTICIPANTS

NEPALI SIDE:

1. Mr. Susheel Chandra Acharya, Director General, DWRI, Nepal-Team Leader
2. Mr. Pradeep Thapa, Deputy Director General, DWRI, Nepal -Member
3. Mr. Krishna Prasad Nepal, Deputy Director General, DWRI, Nepal- Special Invitee
4. Mr. Sanjeeb Baral, Deputy Director General, DWRI, Nepal, -Member Secretary
5. Dr. Rajan Bhattarai, Deputy Director General DHM, Nepal -Member
6. Mr. Dinesh Bhatta, Joint Secretary, DWRI, Nepal -Special Invitee
7. Mr. Dilli Raj Lekhak, Under Secretary, MoF, Nepal -Member
8. Mr. Suvanga Parajuli, Under Secretary MoFA, Nepal -Member
9. Dr. Kapil Gnawali, Senior Divisional Hydrologist, WECS, Nepal -Member
10. Mr. Rajendra Prasad Sharma, SDE, DWRI, Nepal -Member
11. Mr. Amar Bahadur Chand, SDHydrogeologist, MoEWRI, Nepal -Member
12. Mrs. Alka Subedi, Senior Divisional Engineer, DWRI, Nepal -Member
13. Mr. Mukesh Pathak, Senior Divisional Engineer, DWRI, Nepal -Special Invitee

INVITEES:

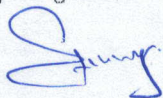
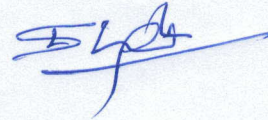
1. Mr. Kailash Shrestha, Project Chief, KBR Management Project, Morang
2. Mr. Ishwori Prasad Tiwari, Office Chief, PEP Field Office No.-5, Rupandehi
3. Mr. Bishnudev Yadav, Project Chief, Kamala River Management Project, Dhanusa
4. Mr. Rabindra Kumar Sharma, Project Chief, Bagmati and Lalbakiya River Training Project, Bara
5. Mr. Ek Raj Bhattarai, Project Chief, Khado River Management Project, Saptari
6. Mr. Manoranjan Kumar Singh, Office Chief, PEP Field Office No.-7, Kanchanpur
7. Mr. Shree Prasad Sah, Office Chief, PEP Field Office No.-3, Sarlahi
8. Mr. Jit Bahadur Thapa, Office Chief, PEP Field Office No.-6, Dang
9. Mr. Aanubhav Chaudhari, Project Chief, Babai, Bhada and Aaurahi River Training Project, Bardiya
10. Mr. Rupnarayan Adhikari, Office Chief, PEP Field Office No.-1, Jhapa



11. Mr. Ramesh Karn, Office Chief, PEP Field Office No.-2, Mahottari

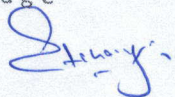
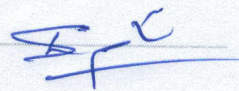
FACILITATOR

1. Mr. Arvind Kumar Gupta, Technical Consultant, DWRI, Nepal
2. Mr. Ranjan Raj Bhattarai, Engineer, DWRI, Nepal
3. Mr. Nabin Raj Sharma, Engineer, DWRI, Nepal
4. Mr. Manoj Pantha, Engineer, DWRI, Nepal



Annexure-III

S. N.	Issue	Details Of Indian Contact Officer	Details Of Nepalese Contact Officer
1	Baanganga River Training Project, Mahalisagar, Bajhasagar Reservoir (Tulsidihwa&Purnihawa, Nepal - Bajaha&Ramnagar, India) And Existing Opening For Bajbajwanala On Kalkalwa Bund	Executive Engineer, Drainage Division, Irrigation Department, Government Of Uttar Pradesh, Siddharthanagar Shri Raj Kirannehra, Contact No: 0091-7906993918 Email: Eeddsdr1990@Gmail.Com	Senior Divisional Engineer, People's Embankment Program Field Office No.5, Rupandhai, Nepal Mr. Ishwori Prasad Tiwari Contact No: 00977-9857059763
2	Bairaganiya Ring Bund; Bagmati And Lalbakeya River	Executive Engineer, Drainage Division, Motihari Water Resources Department, Government Of Bihar Mr. Ranbir Prasad Contact No: 0091-7277251827;9279144708 Executive Engineer, Bagmati Division, Sitamarhi Wrd, Government Of Bihar Mr. Anwar Jamil Contact No: +91-8873392458	Senior Divisional Engineer, Bagmatilalbakiya River Training Project, Bara, Nepal Mr. Rabindra Kumar Sharma Contact No: 00977-9855001026
3	Rato River	Executive Engineer, Bagmati Division, Sitamarhi Wrd, Government Of Bihar Mr. Anwar Jamil Contact No: +91-8873392458	Senior Divisional Engineer, People's Embankment Program Field Office No.2, Jaleshwordham, Mahottari, Nepal Mr. Ramesh Karn Contact No: 00977-9854032775

4	Lakhandehi River (Pakari-Bara-Udhoran, Nepal And Mudaha, India)	Executive Engineer, Drainage Division, Sitamarhi Water Resources Department, Government Of Bihar Mr. Anil Kumar Contact No: 0091- 8083638730	Senior Divisional Engineer, Mr. Shree Prasad Shah, Sarlahi, Nepal Mr. Shree Prasad Sah Contact No: 00977- 9854038003
5	Mechi River	West Bengal: To Be Confirmed Bihar: Executive Engineer, Drainage And Investigation Division, Kishanganj Water Resources Department, Government Of Bihar Mr. Ashok Kumar Yadav. Contact No: 0091- 7463889229; 7258064246	Senior Divisional Engineer, People's Embankment Program Field Office No.1, Jhapa, Nepal Mr. Rupnarayan Adhikari Contact No: 00977- 9852665432
6	Khando River	Executive Engineer, Western Embankment Division, Nirmali, Water Resources Department, Government Of Bihar Shri Awadesh Kumar Mandal, Contact No: +91- 7463889189, 9470003862	Project Chief; Senior Divisional Engineer, Khado River Management Project, Saptari, Nepal Mr. Ek Raj Bhattarai [Contact No: 00977- 9852075199
7	West Rapti River	Executive Engineer, Saryu Canal Division-1, Irrigation Department, Government Of Uttar Pradesh Bahraich [Shri Ashok Kumar, Contact No:	Senior Divisional Engineer, People's Embankment Program Field Office No.6, Dang, Nepal Mr. Jit Bahadur Thapa Contact No: 00977-

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		0091-9838768356, Email:Snk1.Br@gmail.Com	9857844609
8	Mahakali River, D/S Of Sharda Barrage And Mahakali River Erosion At Bhujela Village, Kanchanpur	Executive Engineer, Head Works Division, Water Resources Department, Bareilly, U.P. Mr. Rajiv Kumar Singh Contact No: 0091-9415670060 Email:Hwdbly@gmail.Com	Project Chief; Senior Divisional Engineer, Mahendranagar, Kanchanpur, Nepal Mr. Ran Bahadur Bam Contact No: 00977-9851125563, 9858775327
9	Mahakali River/U/S Of Sharda Barrage And Khotila Landslide At Darchula.	To Be Confirmed By GFCC	Project Chief; Senior Divisional Engineer, Mahendranagar, Kanchanpur, Nepal Mr. Ran Bahadur Bam Contact No: 00977-9851125563 Project Chief; Engineer, Darchula, Nepal Mr. Kamal Singh Mahat Contact No: 00977-9858757075
10	Kamala River/Confluence Of Mainabati And Gagan River, Langdi Goth, Siraha Municipality Ward Number-21, Nepal	Ee, Flood Control Division No.-2, Jhanjhaarpur Wrd, Gob Mr. Kumud Ranjan Jha, Contact No: 0091-7463889840; 9709573180 Email:Floodcontroldiv2jjp@gmail.Com	Project Chief; Senior Divisional Engineer, Kamala River Management Project, Dhanusa, Nepal Mr. Bishnudev Yadav Contact No: 00977-9854021017

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11	Cross-Drainage Structure Along Western Gandak Canal (Wgc) At 5.85 Rd, 16 Rd And 24 Rd (Ratanpura, Nawalparasi, Nepal) And Khajura Khola (Harsapur, Nepal- Laxmipur Kala, India) And Jharahi Khola (Ganeshpur, Nepal- Thutibari, India)	Ee, Headworks Division, Balmikinagar, Wrd, Gob. Mr. Jamil Ahmad Contact No: 0091- 7463889679;8873392458.	Project Chief; Senior Divisional Engineer, Semari, Nawalparasi, Nepal Mr.Randhir Jha Contact No: 00977- 9857080972
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