

UTTARAKHAND POLLUTION CONTROL BOARD
46B, IT Park, Sahastradhara Road, Dehradun
(Uttarakhand)

HEAD OFFICE



उत्तराखण्ड प्रदूषण नियंत्रण बोर्ड
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(उत्तराखण्ड)

E-mail: msukpcb@yahoo.com; Web: www.ueppcb.uk.gov.in

Ref: UEPPCB/HO/Gen-482/2020/ 1184-244,

Date 29.06.2020

To,

Executive Director (Tech),
NMCG (National Mission for Clean Ganga),
Water Resources, River Development & Ganga Rejuvenation,
Ministry of Jal shakti,
1st Floor, Major Dhyanchand National Stadium,
India Gate, New Delhi-110002.

Subject :- Monthly progress report (May, 2020) on approved action plan for
Rejuvenation of River Pr I, II (Dhella, Bhela, Kichha, Suswa) as per
Hon'ble NGT order dated 20.09.2018, 19.12.2018, 08.04.2019 – reg.

Sir,

Please refer to the discussion held on June, 2020 through Video conferencing on
above mentioned subject. In this context, please find enclosed herewith a copy of
monthly progress report of May, 2020 for your kind perusal & necessary action please.

Enclosed : As above

Yours Faithfully

(S.P. Subudhi) IFS

Member Secretary

Copy to : To the following for kind information please.

1. Member Secretary, Central Pollution Control Board, Parivesh Bhawan, East
Arjun Nagar, New Delhi.
2. Project Director, SPMG, Dehradun.

Member Secretary

9/c

National Mission for Clean Ganga

**Format for Submission of Monthly Progress Report for the month of may 2020 by States/UTs
(Hon'ble NGT in the Matter of O.A no. 673/2018 dated 06.12.2019)**

S.No.	Activity to be monitored	Timeline	Submission of Progress by State/UT-Compliance Status
1.	Ensure 100% treatment of sewage at least in-situ remediation	31.03.2020	The DPRs for in-situ bio-remediation have been sent to SPMG as per annexure-I
	Commencement of setting up of STPs and connecting all the drains and other sources of generation of sewage to the STPs must be ensured.	31.03.2020	- Out of 9 rivers stretches have been submitted to NMCG vide letter No. 231/SPMG/Namami Gange/STP/I&D, dated 16.04.2020 as per annexure-II . The DPR preparation of one of the river stretch downstream of Pantnagar on river Kalyani is under progress which is delayed due to lockdown during pandemic. No polluted drain found in the stretch Haridwar to Sultanpur on river Ganga. Some observations has been sent by NMCG on three DPRs (Kashipur Septage (I&D) Scheme Phase-I & Rejuvenation of River Pilakhar), which will be removed shortly.
2.	Timeline for completing all steps of action plans including completion of setting up STPs and their commissioning	31.03.2021	-
5.	Chief Secretaries may set up appropriate monitoring • Specifying accountability of nodal authorities not below the Secretary level. • Chief Secretaries may have an accountable person in their office for this purpose.		--
	• Monitoring at State level must take place.	Fortnightly commencing 21.12.2019	-
6.	Progress report may be furnished by the States/UTs to • Secretary, Ministry of Jal Shakti. • Member Secretary, Central Pollution Control Board	Monthly (preferably before 20 th of every month)	-
6.1	Progress Report may be comprised of details along with completion timelines on: i- Identification of polluting sources		Identification of polluting sources including drains has been done and DPR for in-situ treatment has been

	including drains contributing to river pollution and action as per National Green Tribunal order on in-situ treatment.		submitted to NMCG (Details Enclosed).
	ii- <u>Status of STPs, I&D and sewerage networks</u> Details of Existing infrastructure, Gap Analysis, Proposed along with completion timeline.		As per annex1,2
	iii- <u>Status of CETPs</u> Details of Existing CETP and ETP infrastructure, Gap Analysis, Proposed along with completion timeline, No. of industries and complying status.	Haridwar- For connectivity of balance industries -15-10-2020 Pantnagar- For connectivity of balance industries 31-1-2021 Proposed – June 2022	Detail of Existing CETP- Haridwar- Capacity- 5.2 MLD {connected-510 no. balance -20 no., work of laying balance conveyance system at IIE Haridwar is in progress. 75% work has been completed by implementing agency UttarakhandPayjal Nigam and 100% is likely to be completed by 15 th October 2020 due to post Covid scenario.(01 industry M/s Heeromoto corp. has its own ETP)} Pantnagar – Capacity- 4 MLD {connected-305 no. balance-193 no. work of laying balance conveyance system is in progress 25% work has been completed. The 100% work of laying conveyance system is expected to be completed by 31 st January 2021 due to post Covid Scenario.(01 industry M/s Ridhisidhi has its own ETP)} ELDICO Sitarganj- 4 MLD(connected all-75 no. balance -0) Proposed – 1.Kashipur – 4 MLD 2. Sitarganj- (i) 2 MLD (Textile park) (ii) 14 MLD (Pkg. 1&2) Total number of industries -7694 With valid cca-5949 CCA under progress-540 Not applied for cca - 1205

	iv- <u>Status of Solid Waste Management & Details of Processing Facilities</u> Details of Existing infrastructure, Gap Analysis, Proposed along with completion timeline.		Out of 11 cities involving 9 rivers stretches ,following ULB wise details is attached (annex4)is the status of detailed project report of solid waste management <u>Infrastructure</u> a)plant functional -2 (Dehradun,Haridwar) b)DPR formed&sent to GOUk for approval (Kashipur,Doiwala,Sultanpur,bajpur) c)DPRin tender process-3(Lalkuan ,Kichha,Rudrapur with Haldwani cluster) d)DPR approved &first installment released -2(Ramnagar ,Sitarganj) The project started at sr .no, b ,will take two year after final approval of DPR,for sr. no, c,after1.5 year,after issue of work order, for sr.no, d,for ramnagarE.C (environment clearance)is in process and for sitarganj after 1.5 yr after issue of work order <u>GAP ANALYSIS</u> a)out of total 340 wards in 11 ULBs/cities,in 330wards 100%door to door collection is being done b)out of total340 wards in 11cities /ULBs ,in 156wards 100%sources segregation is being done 100%door to door collection and sources segregation is proposed in next 6 month i.e Dec 2020s
	v- Latest water quality of polluted river, its tributaries, drains with flow details and ground water quality in the catchment of polluted river.		As per U.K . Payjal Nigam, Ddn details are enclosed in respective DPRs The State Board is also monthly

			conducting the monitoring of 09 River stretches. The analysis report for the month of may 2020 is enclosed at Annexure-03 . The monitoring of drains, tributaries and ground water in the catchment area is proposed to be monitored by june, 2020 .
	vi- Preventing dumping of waste and scientific waste management including bio-medical wastes, plastic wastes and decentralizing waste processing, including waste generated from hotels, ashrams etc.		a) Direction have been issued to all concerns ULBs to stop dumping the waste along water bodies b) for scientific management of solid waste DPR are being prepared (detail status given above (Annex-4)) c) for "Plastic compactor" additional funds given to Dehradun Rudrapur Kashipur, Ramnagar, Bajpur, Kichha d) in Doiwala, plastic compactor is already functional. e) on site composting/decentralized composting in Dehradun -2 places, Bajpur-6 places. Two common bio-medical waste treatment disposal facility located at Bhagwanpur, Roorkee Garhwal area and at Gadarpur, U.S.N. Kumaon area are in operational. The proposal of 01 more proposed common bio-medical facility at Narandarnagar is under consideration.
	vii- Ground water regulation		-
	viii- Adopting good irrigation practices,		-
	ix- Protection and management of Flood Plain Zone(FPZ),	point no.1-3 Bids are invited w.r.t fpz work and it is proposed work will be completed within 18 month after receiving administrative as well as financial	1. Sushwa river- Mothrawala to Raiwala 2. Gaula river -Along Kicha 3. Kausi river-Sultanpur to Pattikala 4. Ganga river-Haridwar to Sultanpur

		approval Point no4. Work wrt fpz completed	<i>Handwritten notes:</i> 20-10-2019 20-10-2019 20-10-2019
	x- Rain water harvesting		-
	xi- Maintaining minimum environmental flow of river.		-
	xii- Plantation on both sides of the river		-
	xiii- Setting up bio-diversity parks on flood plains by removing encroachment.		-

Annexure-I
Progress of DPRs of Bio- Remediation (in-situ) Projects of Rivers Stretches

Sl	River Stretch	River	Priority	Cost of I&D & STP (Rs. in lakh)	Reference of Letters
1	2	3	4	5	7
1	Kashipur to Rajpura Randa	Bhela	I	334.33	Submitted to SPMG vide letter No. 168/Nagar Anu Namami gange/27 dated 11-03-2020
2	Kashipur to Garhuwala Thakurdwara	Dhela	I		
3	Sultanpur to Pattikalan	Kosi River	IV		
4	In the vicinity of Rudrapur	Pilakhar	IV		
5	Mothorwala to Raiwala	Suswa river	I	126.64	Submitted to SPMG vide letter No. 164/Nagar Anu Namami gange/23 dated 11-03-2020
	Bindal & Rispana River			375.19	Submitted to SPMG vide letter No. 167/Nagar Anu Namami gange/26 dated 11-03-2020
	Shaympur Rishikesh			47.59	Submitted to NMCG vide letter No. 166/Nagar Anu Namami gange/25 dated 11-03-2020
6	Drains of Kiccha Gola river	Kiccha	II	17.78	Submitted to NMCG vide letter No.163/Nagar Anu Namami gange/22 dated 11-03-2020
7	Drains of Rudrapur	Kalyani	III	684.18	Submitted to NMCG vide letter No. 93/Nagar Anu Namami gange/14 dated 04-02-2020

8	Along Sitarganj	Nanddhor	IV	13.44	Submitted to NMCG vide letter No. 239/Nagar Anu Namami gange/37 dated 10-06-2020
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7	Sultanpur to Pattikalan	Kosi River	IV	1376.67	Project submitted to NMCG	NMCG vide letter No. 231/SPMG/Namami Gange/STP/I&D, dated 16.04.2020
8	Along Sitaranj	Nandhor River	IV	2735.72	Project submitted to NMCG	
9	In the vicinity of Rudrapur	Pilakhar	IV	7505.12	Project submitted to NMCG	

S.No.	River sampling site	DO	pH	TDS	Conductivity	BOD	COD
1	Kosi	5	7.8	253	369	3.6	24
2	Dhela(upstream)	6.1	8	219	316	4	24
3	Dhela(downstream)						
4	Bahella(upstream)	5.2	7.3	104	158	3.2	36
5	Bahella(downstream)	1	6.8	246	347	22	120
6	Kalyani(upstream)	6.2	7.6	312	460	4.6	28
7	Kalyani(downstream)	3.1	7	310	456	6.4	44
8	Nandaur(upstream)	Dry	Dry	Dry	Dry	Dry	Dry
9	Nandaur(downstream)	5.4	7.9	216	305	8	48
10	Kichha	3.8	7.6	490	758	10	60
11	Pilakhar						

sample collected on 20 & 21 May 2020

dhela down and pilakhar sample not received.

Status Report: Hon'ble NGT, New Delhi, OA No. 673 /2018, "More River Stretchies are now Critically Polluted", CPCB

5. No.	Priority	River/ River Stretch	ULB Name	Area of the City (Sq. Km)	Current City Population	Total No. of Wards	No. of wards with 100% DSD Collection	No. of wards with 100% Source Segregation	Total Solid Waste Generated (in TPD)	Total waste collected (TPD).	Current DPR Status	Land Availability	Status of legacy Waste	Plastic Compactor	Bulk Generator
1	I	Bhela (Kashipur to Rajura Tanda)	Kashipur (M. Corp.)	39.8	175819	40	40	3	53	53	DPR of Rs. 15.51 Cr prepared, process of Approval	Available	DPR of Rs. 7.68 Cr prepared.	Additional Funds Released, Rs. 4 Lacs	0
2	I	Dheela (Kashipur to Garhuwala Thakurdwara)	Kashipur (M. Corp.)	39.8	175819	40	40	3	53	53	DPR of Rs. 15.51 Cr prepared, process of Approval	Available	DPR of Rs. 7.68 Cr prepared.	Additional Funds Released, Rs. 4 Lacs	0
3	I	Susva (Mothrowala to Raiwala)	Dehradun (M. Corp.)	196.25	803983	100	100	70	280	280	Plant Functional	Available	Meeting held in Chairmanship of Secretary Urban Development, Uttarakhand and directions issued vide Letter No. 388/ IV(3)- 2020- 12 (8 SWM) 19, Dt 20-2-2020. (Annexure - 3) Following decisions were taken: 1- Legacy Waste dump site of Dehradun shall be remediated/ treated with the Financial and Technical support of UUSDA (ADB Funded Project) of Urban Development. 2- Directions issued to ULB Rishikesh, Roorkee, Doiwala, Rudrapur to treat their legacy waste. Note: UUSDA- Uttarakhand Urban Sector Development Agency; ADB- Asian Development Bank		83
4	I	Susva (Mothrowala to Raiwala)	Doiwala (NP)	32.6	61370	20	20	20	30	30	DPR in Cluster of Rishikesh Prepared, Costing Rs.35.62 Cr., in Process of Approval.	Available	Process of Procurement of "Bio Remediation Machine" initiated	Functional, Rs. 1.98 Lacs revenue generated by selling recyclables.	0
5	II	Kichha along Kichha	Kichha (NPP)	28.96	74356	20	20	15	25	21.5	Revised DPR of Haldwani Approved, RFP in process.	Available		Additional Funds Released, Rs. 3.40 Lacs	1
6	II	Kichha along Kichha	Lalkuan (NP)	4.25	7644	7	7	7	4.2	4.2	Revised DPR of Haldwani Approved, RFP in process.	Available			0

7	III	Kalyani down stream of Pant Nagar	Rudrapur (NPP)	55.22	175723	40	40	4	60	60	Revised DPR of Haldwani Approved, RFP in process.	Available	Work Order Issued for bio Remediation of legacy Waste	Additional Funds Released, Rs. 4 lacs	1
8	IV	Ganga (Hardwar to Sultanpur)	Hardwar (NPP)	19.5	251000	60	50	4	255	255	Plant Functional	Available	Rs. 19.66+6.96= 26.62Cr DPR prepared.	0	
9	IV	Kosi (Sultanpur to Palikala)	Ramnagar (NPP)	2.43	54787	20	20	20	24	24	DPR Approved, Environmental Clearance in Process.	Available	--	Additional Funds Released, Rs. 4 lacs	0
10	IV	Kosi (Sultanpur to Palikala)	Sultanpur (NP)	4.04	14745	7	7	0	2	2	To be covered with Gadarpur Cluster, DPR prepared, Costing Rs. 13.99 Cr., in process of Approval.	Available	--	--	0
11	IV	Nandor along Sitarganj	Sitarganj (NPP)	2.5	31711	13	13	13	19	19	DPR of Rs. 4.02 Cr approved, Rs. 70.34 Lacs 1st Instl released.	In Cluster	--	--	0
12	IV	Plakhar down stream of Bajpur	Bazpur (NPP)	5	31172	13	13	0	5.5	3.65	To be covered with Gadarpur Cluster, DPR prepared, Costing Rs. 13.99 Cr., in process of Approval.	Available	--	Additional Funds Released, Rs. 4 lacs	0
						380	370	159	810.7	805.35					