Govt. of Madhya Pradesh
Department of Environment
Mantralaya Bhopal

No. /F 12 - 83 / NGT-673/ 2018 / 18- 5/641 **Bhopal, Date** 15/10/2020

To,

Executive Director (Technical)
National Mission for Clean Ganga
Ministry of Jal Shakti GOI
New Delhi 110002

Subject:- **Submission of MPR of September 2020 of polluted river stretches in MP for compliance of Hon' ble NGT order dated 06/12/2019 in OA no. 673/2018.**

Refi. :- Your O.M. no. L-34 / 2014 -15 / legal /2019 (Part)

R/Sir,

With reference to the above subject, please find enclosed here with the monthly progress report of polluted river stretches in prescribed format for the month of September 2020 in compliance of Hon'ble NGT order dated 06/12/2019 in OA no. 673/2018 is enclosed as annex- I.

6th meeting of Central Monitoring Committee through VC held on dated 30/09/2020 during the meeting issues about state STPs and generation and treatment of plastic waste were discussed, in this regards information has already sent vide letter dated 03.10.2020 for ready reference copy of the same is enclosed as annexure-II.

In Madhya Pradesh total sewage generation is 2183.65 MLD. For the treatment of sewage 19 STPs and 26 FSTPs are operational and its treatment capacity is 668.26 MLD & 16.06 MLD respectively, and its capacity utilization is 524.24 MLD & 11.92 MLD, thus percentage of capacity utilization is 78.44% & 74.22% respectively. The gap of treatment is 1499.33 MLD, and further 97 STPs are under construction. In the state total 22 polluted

river stretches have been identified and all the 22 rivers are non- perennial, out of which at present 15 polluted river stretches water quality is being observe in class "A or B" as per IS 2296-1982. It is requested that these rivers may be deleted from the list.

Enclosure: - As above

14/10/20

(Rakesh Kushre)
Deputy Secretary (Environment.)

For information and necessary action please.

Copy to :-

1. Principal Secretary, UADD Manrtalaya Bhopal
2. Engineer in Chief, WRD Narmada Bhawan Bhopal
3. Principal Chief conservator of forest Satpura Bhawan Bhopal.
4. Regional Director CGWD Paryawas Bhawan Bhopal.
5. Shri A Sudhakar DH,WQM-1 Division. Central Pollution Control Bord, Delhi

Format for Submission of Monthly progress Report by State

(Hon' ble NGT in the matter of OA No. 673 of 2018 dated 06.12.2019.)

s. no.	Activity to be monitored	Timeline	Submission of Progress by State/compliance Status
1	Ensure 100% Treatment of Sewage at least in-situ remediation	31/03/2020	• In-situ Bio remediation for Nagda and Mandideep Town is under planning. • STPs are being setup at other polluted river stretches as per **Annexure -A**
	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	Total Sewage **generation** in the catchment area of polluted river stretches of M.P. ✓ **Generation** -612 MLD ✓ **Treatment** -451.32 MLD ✓ **Gap** - 161.03 MLD ✓ **Annexure -A**
2	Timeline for completing all steps of action plans including completion of setting up STPs and their commissioning	31/03/2021	Status of setting up of STPs is enclosed as **Annexure -A**
3	Chief Secretaries may set up appropriate monitoring mechanism at State level • Specifying accountability of nodal authorities not below the Secretary level. • Chief Secretaries may have an accountable person attached in their office for this purpose	22/01/2020 22/01/2020	• Most of the works are related to UADD. & UADD is monitoring the status of implementation, being the Nodal agency. • River Rejuvenation committee (RRC) has been constituted in the Chairmanship of Principal Secretary (Environment) • Chief Secretary office has also constituted "Environment monitoring cell as monitoring mechanism at state level

			vide order dated 16.06.2020. **Annexure - B** • Eight meetings of RRC have been conducted and its description is as follows:- (1) Date 12.11.2018 (2) Date 30.01.2019 (3) Date 22.05.2019 (4) Date 14.06.2019 (5) Date 26.08.2019 (6) Date 09.01.2020 and (7) Date 30.05.2020 (8) Date 22.06.2020
	• Monitoring at State level must take place	Fortnightly Commencing 21/12/2019	• RRC for State level monitoring has been constituted and eight meetings have been conducted as mentioned in above column.
4	Progress report may be furnished by the States / Uts to • Secretary, Ministry of Jal Shakti • Member Secretary, CPCB	Monthly (Preferably before 20th of every month)	Yes, Being complied.
04.1	Progress Report may be comprised of details along with completion timelines on:		
	i. Identification of polluting sources including drains contributing to river pollution and action as per NGT order on in -situ treatment.		• Most of the drains carrying sewage have been identified. • 1310 Storm water drains have been identified and 2089 wire mesh have also been installed.

	II. Status of STPs, I&D and sewerage networks Details of Existing Infrastructure, Gap Analysis, Proposed along with completion timeline		**As per Annexure -A**
	III. Status of CETPs Details of Existing CETP and ETP Infrastructure, Gap Analysis, Proposed along with completion timeline, No. Of industries and complying status		• CETP of 4.0 MLD Capacity is operational since last year for control of pollution in Khan river at Indore. • At Burhanpur CETP/STP of 4.5 MLD has completed and it is to be commissioned for river Tapti.
	IV. Status of Solid Waste Management & Details of Processing Facilities Details of Existing Infrastructure , Gap Analysis, Proposed along with completion timeline		**Annexure- C**
	V. Latest water quality of polluted river, its tributaries, drains with flow details and ground water quality in the catchment of polluted river;		Water quality monitoring report (latest) for the month of August 2020 is enclosed as **Annexure - D**
	VI. Preventing dumping of waste and scientific waste management including bio-medical wasted, **Plastic wastes** and decentralizing waste processing, including waste generated from hotels, ashrams, etc		• **BMW waste** :- ✓ **Generation** -15.8 TPD ✓ **Treatment** -14.5 TPD ✓ **Gap** - 1.3 TPD BMW is being treated through 12 common biomedical waste treatment facilities. • **Plastic wastes TPD :-** ✓ **Generation** -198.00 ✓ **Treatment** -197.00 ✓ **Gap** -1.0 ✓ **Co-** Processed - MT

			Year- 2019-20 - 39976 - MT
	VII. Ground water regulation		Being done
	VIII. Adopting good irrigation practices		Being done
	IX. Protection and management of Flood Plain Zones (FPZ),		Under process.
	X. Rain water harvesting		Being done
	XI. Maintaining minimum environmental flow of river		All the rivers are non perennial hence maintaining of minimum environmental flow of river is difficult in present scenario.
	XII. Plantation on both sides of the river		• **Kshipra River** -1.5 lac.no. • **Khan River** - 78000 no. • **Chamla River** - 9000 no. in the Bank of River, Badnagar • **Maleni River** -200 no. • **Kunda river** - 50000 no. during 2019-20. • **Tapti river** - 9616 no. During 2019-20.
	XIII. Setting up biodiversity parks on flood plains by removing encroachment.		To be done.

Annexure- A

22 Polluted River Stretches –STP Status 2020

SN	Polluted River Stretches	Effluent generation In MLD	Existing treatment In MLD	Gap	Proposed treatment In MLD	Time line	No. of drains (nalla) meeting Stretches	Agency	STP Present Status
1	**Priority-I** River Khan at Indore from Nimboli tank to Triveni Sangam ,Ujjain (72 Km)	Sewage – 350 MLD	3 STPs - 335.0 MLD	15 MLD	05 STPs – 67 MLD	Dec. 2020	10 Nallas (Khanjarana, Piliayakhal, Palasia, Azad nagar, Tulsi nagar, Narvar, Bhowrasala, Arvindo College, Shakkar khedi & Katkia)	Municipal Corporation, Indore	**04 STP under construction.** • Radha swami – 6MLD- 86% • Naharbhandara- 11 MLD- 86% • Azad nagar-35 MLD- 82% • Hukumkhedi – 7 MLD- 92% **01 STP completed** • Pratik setu- 08 MLD.
					01 STP – 10 MLD (Smart city)	Dec. 2020		-As above-	01-under construction • Harsidhhi-10 MLD- 82%
		Industrial – 1.45 MLD	01 CETP – 4.0 MLD	-	Not required	NA		-As above-	Operational
2	River Kshipra at Ujjain fromTriveni to Siddhvat at Ujjain (10 Km)	Sewage – 90 MLD	01 STP – 83.0 MLD (NRCP)	7 MLD	01 STP - 92.5 MLD	March 2021	11 Nallas (Nanakheda, Manchaman, Hanuman naka, Gaughat, Begun bag, Walmiki dham, Rinmkrteshwar, Hamalwadi, Somvara, Indra Nagar Ayurvedic College & Sidhvat)	MC , Ujjain	Under construction at Sursa village, 62%

3	River Chambal at Nagda from Nagda to Rajgarh (16 Km)	Sewage – 8.0 MLD	Nil	-	01 STP - 16.0 MLD	March 2021	1 Nalla (Juna nagda)	MC , Nagda	01 Not Sanctioned (In-situ Bio Remediation is proposed)
		Industrial - 11.5 MLD	Grasim Industry (SFD) Nagda (ETP up-gradation required for ZLD)		11.5 MLD effluent to be made ZLD	Jan. 2021		M/s. Grasim Industries , (SFD), Nagda	Under construction & ZLD upto Jan 2021
4	**Priority-ll** River Betwa from Mandideep to Vidisha (51 Km)	**Mandideep**							
		Sewage – 2.5 MLD	Nil	-	02 STPs – 3.0 MLD	Dec. 2021	4 Nallas (Patel nagar, AKVN, Nayapura & Rahul nagar,)	MC Mandideep	01 Not Sanctioned (In-situ Bio Remediation is proposed)
		Bhopal							
		Sewage – 80 MLD	03 STPs – 26.12 MLD	53.88 MLD	04 STPs – 66.5 MLD	Dec. 2021	1 Nalla (Kaliasote)	MC , Bhopal	**04 under construction** • Bansal hospital- 9.5 MLD-10% • Charimli- 4.5 MLD- 72% work is completed. • Sunkhedhi- 32 MLD,- 82 % • Misrod -20.5 MLD- 10%
		Vidisha							
		Sewage – 22.25 MLD	01 STP – 7.2 MLD (NRCP)	15.05 MLD	01 STP – 22.25 MLD	Dec. 2020	2 Nallas (Pilla and Charanteerth)	MC, Vidisha	01 under construction Jatrapura (Vidisha)-22.25

									MLD- 92%
5	**Priority-lll** River Sone at Bhatura ghat at 200 m. Down Stream of OPM(Along Bhatura ghat)	River water quality is meeting the desirable levels. No sewage is being discharged in the river. OPM Industry at Amlai has installed ETP and zero discharge from premises is maintained. The industries are being closely monitored for any discharges in the river.					5 Nallas (Ghattan, Nargadha, Tanki, Galbuda and Baigha)		Not Required
6	**Priority-IV** River Kaliyasot (Kolar) from Suraj Nagar to Shirdipuram (8 Km)	Action plan is included in Betwa River Action plan							Under construction
7	River Tapti from Nepanagar to Burhanpur (28 Km)	Sewage – 11 MLD			STP 21 MLD	Dec. 2020	9 Nallas (Masak, Pandhar, Jaweri, Nagihiri, Gandha, Rajghat, Rajpura, Kadvissa and Pandrol)	MC Burhanpur	• 01 under construction,- 21 MLD- 92% • 01 STP completed-04 MLD
8	River Gohad at Gohad dam(Along Gohad dam)	Dam water quality is meeting the desirable levels			The sewage/industrial effluent is not meeting the river at the Gohad Dam				Not Required
9	**Priority-V** River Bichia at Rewa (Along Rewa)	River water quality is meeting the desirable levels			08 STPs 37 MLD	Dec. 2021	4 Nallas (Bicchiya, Rani Talab,Akharaghat, and Kuthuliya)	MC Rewa	• 01 STP completed • 01 STP under construction at Vivekanand nagar - 6.5MLD - 30% • 06 STPs-Land disputes.
10	River Katni at Katni(Along Katni)	River water quality is meeting the desirable levels			03 STP 24.5 MLD	Dec. 2021	7 Nallas (Sagar pul, Gater ghat , Mohan ghat,Masorha ghat, Chaighara, Dharmlok hospital and Juhla bypass)	MC Katni	**Under Construction,** • Madhav nagar- 7.5 MLD-27% • Katay Ghat – 06 MLD-30% • Kuthla Ghat – 11 MLD- 17%

11	River Kunda at Khargone(Along Khargone)	River water quality is meeting the desirable levels	01 STP 17.6 MLD	Dec. 2021	6 Nallas (Ondal, Implipura, Kaladeval, Ganesh mandir, Bavadi bus stand & Anand Nagar Dalki)	MC Khargone	**01 under construction** - 17.6 MLD- 92%
12	River Maleni at Jaora (Along Jaora)	River water quality is sometimes not meeting the desirable levels	1 STP 05 MLD	Dec. 2021	1 Nalla (Piliya Khal)	MC Jaora	01 Not Sanctioned.
13	River Mandakini at Ramghat Chitrakut. (Along Ramghat)	River water quality is sometimes not meeting the desirable levels	1 STP 4.7 MLD	Dec. 2021	3 Nallas (Vaidehi, Amodhvan and Paisuni)	MC Chitrakoot	01 under Construction- 4.7 MLD-92%
14	River Newaj at Shujalpur(Along Khargone)	River water quality is sometimes not meeting the desirable levels	1 STP 5.0 MLD	Dec. 2021	1 Nalla (Jamdhad)	MC Shujalpur	01 Not Sanctioned.
15	River Simrar at Katni(Along Katni)	River water quality is meeting the desirable levels	03 STP - 24.5 MLD	Dec. 2021	1 Nalla (Rahul Bagh)	MC Katni	03-under construction, same for Katni river.
16	River Tons at Chakghat(Along Chakghat)	River water quality is meeting the desirable levels	Not required, the dilution in the river is substantial and the town is very small.	3 Nalla (Khakkha, Purani galla mandi and Nehru smarak degree collage)			Not Required
17	River Wainganga at Chhapara near road bridge after mixing Moti & Chamaria Nala(Along Chhapara)	River water quality is meeting the desirable levels	1 STP 2.5 MLD	Dec. 2021	2 Nallas (Moti & Chamariya)	MC Chhapara	01 not Sanctioned.
18	Kalisot at Mandideep (Along Samardha)	Action plan is included in Betwa River action plan					STPs Under construction
19	River Chamla at Badnagar(Along Chamla dam)	River water quality is meeting the desirable levels & The sewage/industrial effluent is not meeting the river at the designated stretch				-	Not Required

20	River Parvati at Pilukhedi(Along Pilukhedi)	River water quality is meeting the desirable levels. No sewage is being discharged in the river. Industries at Industrial area Pilukhedi have been provided ETPs and zero discharge from premises is maintained. The industries are being closely monitored for any discharges in the river.	1 Nalla (Industrial area)	Not Required
21	River Chopan at Vijaypur(Along Vijaypur)	River water quality is meeting the desirable levels. No sewage is being discharged in the river. Industries at Vijaypur, Guna have been provided ETPs and zero discharge from premises is maintained. The industries are being closely monitored for any discharges in the river.	1 Nalla (Ruthiya)	Not Required
22	River Kanhan at Chhindwada district boundary (Along Boregaon)	River water quality is meeting the desirable levels. No sewage is being discharged in the river. Industries at Industrial area Boregaon have been provided ETPs and zero discharge from premises is maintained. The industries are being closely monitored for any discharges in the river.	1 Nalla (Kavar pipla)	Not Required

(7) Annexure-B.

D.S (पर्यावरण)

मध्यप्रदेश शासन
सामान्य प्रशासन विभाग
मंत्रालय
वल्लभ भवन, भोपाल–462004

:: आदेश ::

भोपाल दिनांक 16 जून, 2020

क्रमांक एफ 19–33/2020/1/4 :: माननीय राष्ट्रीय हरित अधिकरण मुख्य बैंच, नई दिल्ली द्वारा प्रकरण क्रमांक 606/2018–मुनसिपल सोलिड वेस्ट मेनेजमेंट रूल्स, 2018 के कियान्वयन के संबंध में दिनांक 25/02/2020 को पारित आदेश के परित आदेश के परिपालन में मुख्य सचिव कार्यालय में Environment Monitoring Cell की स्थापना की जाती है, जिसमें निम्नांकित विभागों के अधिकारियों को नामांकित किया जाता है:–

1	अपर मुख्य सचिव, म.प्र. शासन, पंचायत एवं ग्रामीण विकास विभाग
2	प्रमुख सचिव, मध्यप्रदेश शासन, गृह विभाग
3	प्रमुख सचिव, मध्यप्रदेश शासन, परिवहन विभाग
4	प्रमुख सचिव, मध्यप्रदेश शासन, पशुपालन विभाग
5	प्रमुख सचिव, मध्यप्रदेश शासन, पर्यावरण विभाग
6	प्रमुख सचिव, मध्यप्रदेश शासन, लोक स्वास्थ्य एवं यांत्रिकी विभाग
7	प्रमुख सचिव, मध्यप्रदेश शासन, वन विभाग
8	प्रमुख सचिव, मध्यप्रदेश शासन, खाद्य एवं नागरिक आपूर्ति विभाग
9	प्रमुख सचिव, मध्यप्रदेश शासन, आयुष विभाग
10	प्रमुख सचिव, मध्यप्रदेश शासन, उद्योग विभाग
11	प्रमुख सचिव, मध्यप्रदेश शासन, नगरीय विकास एवं आवास विभाग
12	प्रमुख सचिव, मध्यप्रदेश शासन, जल संसाधन विभाग
13	प्रमुख सचिव, मध्यप्रदेश शासन, स्वास्थ्य विभाग
14	प्रमुख सचिव, मध्यप्रदेश शासन, खनिज संसाधन विभाग
15	सदस्य सचिव, मध्यप्रदेश प्रदूषण नियंत्रण बोर्ड

2/ उपरोक्त माननीय एनजीटी द्वारा समय–समय पर पारित आदेश/निर्देशों का कियान्वयन कर, प्रगति प्रतिवेदन से मुख्य सचिव को अवगत करायेगें।

मध्यप्रदेश के राज्यपाल के नाम से
तथा आदेशानुसार
(डी. के. नागेन्द्र) 15/6/2020
उप सचिव
मध्यप्रदेश शासन,
सामान्य प्रशासन विभाग

Annexure- C

STATUS OF SOLID WASTE MANAGEMENT IN MADHYA PRADESH

Total No. Of ULBs : 378						
MSW generated (TPD)	MSW collected (TPD)	MSW segregated and transported (TPD)	MSW Processed (TPD)	MSW disposed in landfill site	Gap in SWM (TPD)	Timeline
7,980	7,193	6,826	6,431	762	787	By 31st December 2021

SWM Facilties (Capacity wise TPD)

HEAD	REQUIRED CAPACITY	EXISTING CAPACITY	GAP	TIME LINE
Waste Segregation Facility (MRF)	3,128	2,935	193	31-12-2020

Waste Processing (TPD)

HEAD	REQUIRED CAPACITY	EXISTING CAPACITY	GAP	TIME LINE
Bio methanation	Establishment of biomethanation plants in ULBs depends on the availability of the organic waste to be converted to biogas in respective ULBs.	59.70 (10 Numbers in 4 ULBs of indore, Ujjain, Dewas & Bhopal)	N.A.	Establishment of biomethanation facility in ULBs depends on the availability of the organic waste to be converted to biogas in respective ULBs. Hence, Biomethanation route of treatment can be decided at ULB level as and when required and capacity to be established as per viability.
Bio composting	4,446.46	4,309.65	136.81	31-12-2020
Inert Land-filling	Landfills presently required in 176 ULBs	762 (45 land-fills being used in 44 ULBs)	132 landfills required in 132 ULBs	31-12-2021

Solid Waste Management in Madhya Pradesh: Progress Summary

Different ULBs have adopted different methods for the management of Solid Waste in MP

s.no	Methodology	Existing Capacity (TPD)	Target capacity (TPD)	Existing Number	No. Of ULBs covered	Target ULBs	Gap	Timeframe
1	Material Recovery Facilities (MRF)	2,935	3,128	151MRFs	136	318	182	31 Dec2020
2	Recycling	2,584	3,128	151 MRFs	136	318	182	31 Dec2020
3	composting	4,309.65	4,446.46	1112	343	378	35	31 Dec2020
4	Bio-methanation	59.70	N/A	10	4 (Bhopal,Indore,Ujjain,Dewas)	N/A	N/A	As per ULB requirement
5	Refuse Derived Fuel (RDF)	185	N/A	2	2(Indore & Katni)	N/A	N/A	As per ULB requirement
6	Waste to Energy (WTE)Plants	600 TPD for Jabalpur	N/A	1 operational 2 proposed	16	60	44	31 march 2021

Annexure- 'D'

The M.P. Pollution Control Board

Water quality status of polluted river stretches in M.P.

22 Polluted Rivers Stretches. August -2020

S. No.	River	Priority	Code	Name of MonitoringStation	State Name	Monitoring Agency	Dissolve Oygen	BOD	Fical Coliform	Total Coliform	Water Quality Status	pH	Streptococcai
				Water Quality Criteria			>4.0 mg/l	<3.0 mg/l	<2500 MPN/ 100ml	<5000 MPN/ 100ml			
1	Betwa River	IV & III	2119	River Betwa at Nayapura Down Stream Mandideep Industrial Area-1, Mandideep	M.P.	MPPCB	NR						
			2121	River Betwa near road bridge, Bhojpur, Disstt. Raisen	M.P.	MPPCB	NR						
			2122	River Betwa near Water Supply intake well point, Raisen	M.P.	MPPCB	NR						
			1614	River Betwa near Water Supply intake point, Vidisha	M.P.	MPPCB	8.2	2.3	1.8	79	SATISFACTORY		
			2124	River Betwa near Charantirathghat, Vidisha	M.P.	MPPCB	7.9	2.4	1.8	120	SATISFACTORY		
2	Bichiya River	V	2117	River Bicchiya at Distt. Rewa	M.P.	MPPCB	7	3	20	240	NOT SATISFACTORY		
3	Chambal River	I	1366	River Chambal at 1 km d/s nagda	M.P.	MPPCB	5.8	3	920	1600	NOT SATISFACTORY		
			1418	River Chambal at Gandhisagar	M.P.	MPPCB	7	2	4	49	SATISFACTORY	7.5	
			3309	Chambal at Tal	M.P.	MPPCB	7.2	2	3.6	70	SATISFACTORY	8.5	
4	Chamla River	V	3310	River Chamla at Badnagar	M.P.	MPPCB	7.2	2	2	48	SATISFACTORY	7.9	
5	Choupan River	V	3306	Choupan River U/S Vijaypur Guna	M.P.	MPPCB	7.2	1.2	2	34	SATISFACTORY		
			3307	Choupan River D/S Vijaypur Guna	M.P.	MPPCB	7	1.6	2	31	SATISFACTORY		
6	Gohad	V	1607	Gohad Dam, Gohad Bhind	M.P	MPPCB	7	2.2	4	110	SATISFACTORY	7.7	
7	Kailsoat River	V	2120	River Kailsoat near road bridge, Mandideep	M.P.	MPPCB	NR						
8	Kanhan River	V	3312	Kanhan at chhindwara before mixing boregaon growth centre nalla, chhindwara	M.P.	MPPCB	7.10	1.80	15.00	130.00	SATISFACTORY	8.1	NR
9	Katni River	V	2101	Katni River Katni	M.P.	MPPCB	6.3	1.4	1.8	31	SATISFACTORY	8.1	NR
10	Khan River	I	1367	River Khan at KabitKhedi	M.P.	MPPCB	0.8	16	210	2000	NOT SATISFACTORY		

			2110	River Khan at Shakkar Khedi	M.P.	MPPCB	1.4	10	140	1900	NOT SATISFACTORY		
11	Kshipra River	III	1370	River Kshipra at 1 k.m. d/s Triveni ,Ujjain	M.P.	MPPCB	7	4	430	≤1600	NOT SATISFACTORY	78.0	
			3315	River Kshipra at Gaughat, Ujjain	M.P.	MPPCB	7.4	5	540	≤1600	NOT SATISFACTORY	7.9	
			1369	River Kshipra at Ramghat,Ujjain	M.P.	MPPCB	7.3	7	920	≤1600	NOT SATISFACTORY	7.9	
			3316	River Kshipra at Mahidpur	M.P.	MPPCB	6.6	2.4	3.6	70	SATISFACTORY	8.4	
			1468	River Kshipra at Siddhwat ,Ujjain	M.P.	MPPCB	7.2	12	920	≥1600	NOT SATISFACTORY	8.0	
12	Kunda	V	2114	Kunda River at Khargone	M.P.	MPPCB	7.2	1.7	1.8	58	SATISFACTORY		
13	Maleni	IV	2104	Maleni River at Jaora	M.P.	MPPCB	6.8	2	1.8	46	SATISFACTORY	7.9	
14	Mandakini River	IV	1372	Mandakini at Ramghat at Chitrakoot, Satna	M.P.	MPPCB	7.4	2.7		170	SATISFACTORY	7.6	<1.8
15	Neewaj River	V	3319	Neewaj River at Shujalpur	M.P.	MPPCB	6.5	2	8.3	58	SATISFACTORY	8.5	NR
16	Parwati River	V	1615	Parwati River Up Stream Pilukhedi Rajgarh	M.P.	MPPCB	7.2	1.6	2	34	SATISFACTORY		
			2126	Parwati River Down Stream, Pilukhedi, Rajgarh	M.P.	MPPCB	7	1.8	2	40	SATISFACTORY		
17	Simrar River	V	3326	Simrar River Katni	M.P.	MPPCB	5.7	1.4	1.8	43	SATISFACTORY	7.9	NR
18	River Sone	V	3327	Sone at Bhaturaghat Apprx. 500 mtrs. Down Stream of OPM Distt.Shahdol.(M.P.)	M.P.	MPPCB	7.3	1.8	<1.8	41	SATISFACTORY	7.5	NR
19	Tapti	V	09	Tapti at Nepanagar Navtha Pumping Station	M.P.	MPPCB	7.4	1.2	1.8	43	SATISFACTORY		
			10	Tapti at Pipalghat Burhanpur	M.P.	MPPCB	7.2	1.4	22	48	SATISFACTORY		
			2115	Tapti at Nepanagar 100 metre Down Stream	M.P.	MPPCB	7.3	1.3	1.8	46	SATISFACTORY		
20	River Tons	V	1143	River Tons at Chakghat,Distt.Rewa	M.P.	MPPCB	7.9	2	2	48	SATISFACTORY		
21	River Wainganga	V	3331	River Wainganga at Chhapara, Seoni near road bridge after mixing Moti & Chamaria Nala	M.P.	MPPCB	7.6	1.9	11	43	SATISFACTORY		
			1213	Wainganga at Balaghat 100 metre Down Stream Jagpurghat	M.P.	MPPCB	7	1.5	1.8	25	SATISFACTORY		
22	River Kolar			Suraj Nagar Shirdipuram	*	*							

Note: **NR- not received** *** Not in Madhya Pradesh**

Annexure- II

Govt. of Madhya Pradesh
Department of Environment
Mantralaya Bhopal

No. F 12 - 83 /2018 / 18- 5 **Bhopal, Date** 3/10/2020

To,

Executive Director (Technical)
National Mission for Clean Ganga
Ministry of Jal Shakti GOI
New Delhi 110002

Subject: - **Submission of information desired during the meeting of central monitoring committee held on dated 30.09.2020**

Ref.:- Central monitoring committee held on dated 30.09.2020

R/Sir,

With reference to the above subject, please find enclosed here with the information desired during the meeting of central monitoring committee held on dated 30.09.2020. During the meeting issues discussed about Solid waste management (Annexure-A), STPs (Annexure-B) and Plastic waste management (Annexure-C). It is for kind information and perusal please.

Enclosure: - As above

01/10/20

(Rakesh Kushre)
Deputy Secretary
(Environment)

Annexe-A

Status of STPs & Solid Waste Management in M.P.

(A) Status of STPs :

Sr. No.	STP Status	No. of ULBs	No. of STPs	Total Capacity
1.	Operational	09	19	668.26 MLD (30.6 %)
2.	Under Construction	45	97	1218.68 MLD
3.	Non Operational	02 (Burhanpur, Rewa)	03	22.5 MLD
	Total	51 ULBs	119	1909.440 MLD (87.90 %)
Total 51 ULBs are covered by all these STPs				

(i) Technology of Operational 19 STPs :- WSP- 07, Karnal - 01, TF - 01, ASP- 04 , SBR- 06

(ii) Technology of Proposed 97 STPs :- SBR & MBBR

(iii) Old STPs do not have OCEMS , whereas new STPs are in process of installation of OCEMS. Direction u/s 33-A of Water Act 1974 have been issued to management of all operational STPs on 09/09/2020.

STP Operational						
S. No.	Name of ULBs	Installed capacity (MLD)	Treated capacity (MLD)	Reuse of Treated Water (MLD)	Cost (in Cr.)	Status of STP/ FSTP
1	Bhopal (M Corp.)	35	30.43	5.89	-	Operational
2	Bhopal (M Corp.)	10	8.69	1.68	-	Operational
3	Bhopal (M Corp.)	16.7	14.52	2.81	-	Operational
4	Bhopal (M Corp.)	2.59	2.25	0.44	-	Operational
5	Bhopal (M Corp.)	4.5	3.91	0.76	-	Operational
6	Bhopal (M Corp.)	13	11.30	2.19	-	Operational
7	Bhopal (M Corp.)	4	3.48	0.67	-	Operational
8	Bhopal (M Corp.)	2	1.74	0.34	-	Operational
9	Bhopal (M Corp.)	2.5	2.17	0.42	-	Operational(BHEL)

10	Dewas (M Corp.)	12	2.6	2.6	-	Operational
11	Gwalior (M Corp.)	50	50	5	-	Operational
12	Indore (M Corp.)	245	220.87	22.07	-	Operational
13	Indore (M Corp.)	78	70.32	7.03	-	Operational
14	Indore (M Corp.)	12	10.82	1.08	-	Operational
15	Jabalpur (M Corp.)	50.55	7.00	3.00	-	Operational
16	Singrauli (M Corp.)	28.22	7.94	7.94	-	Operational (NTPC)
17	Ujjain (M Corp.)	83	64	21	-	Operational
18	Sehore (M)	12	5	0	66.00	Operational
19	Vidisha (M)	7.2	7.2	0	-	Operational
Total Capacity (MLD)		**668.26**	**524.24**	**84.92**		

(B) Status of Solid Waste Management in 378 ULBs :-

(i) Total waste generation- 7980 TPD, Collection -7193 TPD, Segregation- 6826 TPD, Processed- 6431 TPD, Disposed in land fills - 762 TPD, Gap in Collection, Processing & Disposal- 787 TPD.

[UADD shall fill up the Gap by 31/12/2021]

(ii) UADD has formed 09 clusters of 139 ULBs out of which 06 clusters (Sagar, Katni, Neemuch, Khandwa, Chhatarpur and Singrouli) are based on waste to compost technology and 03 clusters (Rewa, Jabalpur and Gwalior) are based on waste to energy.

(iii) Waste to Compost comprises of 79 ULBS and waste to energy cluster cover 44 ULBs.

(iv) 239 ULBs are based on Decentralized Solid Waste Management model.

(v) Segregation facility (MRF) - Capacity required - 3128 TPD

- Existing capacity - 2935 TPD [275 MRFs in 256 ULBs]

- Gap - 193 TPD [Shall be filled up by 31/12/2020]

(vi) Bio-composting facilities to be created in 35 ULBs .

(vii) Inert waste land fills to be created in - 132 ULBs.

(C) Remediation of Legacy Waste :-

(i) There are 378 ULBs & equal no. or more dump sites carrying legacy waste .

(ii) Total - 14983257.36 MT legacy waste is lying on above dump sites.

(iii) 50 ULBs have cleared the legacy waste and closed the dump sites.

संलग्नक 'ब'

List of STP Operational in M.P.

S. No.	Name of ULBs	Sewage generation (MLD)	Installed capacity (MLD)	Existing treatment (MLD)	Reuse of Treated Water in irrigation purposes (MLD)
1	Bhopal	365 MLD	35	30.43	5.89
2	Bhopal		10	8.69	1.68
3	Bhopal		16.7	14.52	2.81
4	Bhopal		2.59	2.25	0.44
5	Bhopal		4.5	3.91	0.76
6	Bhopal		13	11.30	2.19
7	Bhopal		4	3.48	0.67
8	Bhopal		2	1.74	0.34
9	Bhopal (BHEL)		2.5	2.17	0.42
10	Dewas	25 MLD	12	2.6	2.6
11	Gwalior	275 MLD	50	50	5
12	Indore	350 MLD	245	220.87	22.07
13	Indore		78	70.32	7.03
14	Indore		12	10.82	1.08
15	Jabalpur	200 MLD	50.55	7.00	3.00
16	Singrauli (NTPC)	25 MLD	28.22	7.94	7.94
17	Ujjain	90 MLD	83	64	21
18	Sehore	10 MLD	12	5	0
19	Vidisha	20 MLD	7.2	7.2	0
	Total	**1360 MLD**	**668.26**	**524.24**	**84.92**

List of FSTP Operational

S. No.	Name of ULBs	Installed capacity (MLD)	Treated capacity (MLD)	Reuse of Treated Water (App. In MLD)
1	Khandwa (M Corp.)	0.0018	0	0
2	Morena (M Corp.)	0.0012	0.0012	0.0012
3	Sagar (M Corp.)	0.02	0.02	0.02
4	Betul	0.001	0.001	0.001
5	Sarni	2.655	1.65	1.65
6	Raisen	1	1	1
7	Shahganj	1	0.179	0.179
8	Pithampur	0.02	0.02	0.02
9	Sanavad	1	0.001	0.0001
10	Maheshwar	0.001	0.001	0.001
11	Khargone	0.5	0.4	0.1
12	Malajkhand	0.031	0.015	0.015
13	Bamhani	1	1	1
14	Kymore	0.8	0.4	0.4
15	Gotegaon	1	1	1
16	Chakghat	1	1	0.0005
17	Hatta	0.002	0.002	0.002
18	Damoh	0.09	0.09	0.09
19	Tendukheda	0.5	0.1	0.001
20	Patera	0.5	0.1	0.001
21	Banda	1.98	1.98	1.48
22	Makroniya	1.35	1.35	1.35
23	Bhaurasa	1.5	1.5	1.5
24	Ratangarh	0.1	0.1	0.02
25	Unhel	0.01	0.01	0.01
26	Badnagar	0.001	0.001	0.0001
	Total	**16.06**	**11.92**	**9.84**

Plastic Waste Management in the State of Madhya Pradesh (as per Annual Report, 2019-20):

1. Municipal Solid Waste (MSW) generation from the State: 6424MT/day
2. Average Plastic Waste generation as a part of the Municipal Solid Waste (5.14% of MSW): 330MT/day.
3. Composition of Plastic Waste generated from the State:

3.1 Recyclable: 248MT/day

(Utensils, toys, domestic goods, pet bottles, storage items, mechanical parts, other containers etc): 75%

3.2 Non Recyclable: 82MT/day

(Carry bags, packaging materials, cutlery items, decoration, thermocol items etc) (25%)

(a) Plastic Packaging/ Multilayer Packaging (7.5%)-25.0MT/Day

(b) Plastic bags/Carry bags (5%)- 16 MT/Day

(c) Pet Bottles & Caps (5.5%) – 18 MT/Day

(d) Single use plastic -Cutlery, straw, decoration, flowers etc (7%)- 23MT/Day

4. The Plastic waste is being used in the Cement Kilns for co-processing for energy utilisation from 2008-09, around 105967 MT plastic waste has been coprocessed up to 2019-20. Around 40022MT plastic waste coprocessed during 2019-20.
5. The plastic waste is being used for road making with bitumen by the PMGSY and MPRRCP from 2014-15. National Highway Authority of India and Urban local Bodies are also started to use plastic waste for this purpose. Aound 2087.50 MT plastic waste has been utilised for road construction.
6. There are 99 plastic waste recyclers in the State; they recycled 74643.06MT plastic Waste during 2019-20.
7. Around 145.5 MT plastic waste has been utilised by the plastic pyrolysis plants of the State during 2019-20.
8. As per the overall status, total generation is 121079 MT and total utilisation is 116898 MT during 2019-20 i.e. 96.5% of total generation.

Action taken for implementation of the Rules in the State:

1. The State Government has imposed complete ban on the production, storage, transportation, sale and use of plastic carrybags in the entire State of Madhya Pradesh

from 24/5/2017 under the Madhya Pradesh Jaiv Anashya Apshishtha (Niyantran) Adhiniyam, 2004.

2. The State Government may imposed ban on the usage of Single Use Plastic (SUP) in all the Public programs organized by the State Government Offices from 04/06/2019 vide order no. F 11-13/2019/1/9, Dated 04/06/2019. An action plan to phase out the Single Use Plastic has been in the State has been launched by the Environment Minister of the State on 24/09/2019.

3. Regular awareness programmes are being conducted by the Urban Local Bodies of the State to make aware all the stake holders to comply with the regulations. Raids & seizer actions,are being taken and penalty have been imposed on the violators during 2019-20 as follows:

   1 *No. of awareness programme conducted by MPPCB / ULBs: 1537*
   2. *No. of raids conducted by MPPCB / ULBs: 16075*
   3. *Polythene seized (Kg.): 82617.36*
   4. *Penalty imposed (Rs.): 5547711*

4. The Madhya Pradesh pollution Control Board identified 149 Producers/Brand owners/Importers working in the State and requiring registration from the State Pollution Control Board out of which 109 Producers/Brand Owners obtained registration from the Board and 40 producers and Brand owners have been advised to obtain the registration.

5. A public notice has been published in the news papers to all the Producers/Brand Owners/Importers working in the State on 03/01/2020 to obtain registration from the State Pollution Control Board or the Central pollution Control Board as the case may be.

6. The Madhya Pradesh pollution Control Board has enlisted the organisations to waork as Producer Responsibility Organisation (PRO) in the State on the basis of the facilities available with them under the Extended Producers Responsibility.