

Government of Jammu & Kashmir
Department of Forest, Ecology & Environment
Civil Secretariat
www.jkforestadm.nic.in

The Executive Director (Technical),
National Mission for Clean Ganga,
Department of Water Resources, River Development
& Ganga Rejuvenation,
Ministry of Jal Shakti
Shram Shakti Bhawan, New Delhi.

No. FST/Lit/135/2018-I

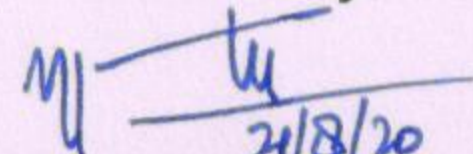
Dated: 21.08.2020

Subject: MPR in compliance to Hon'ble NGT order dated 06.12.2019 in respect of J&K for the month of July 2020.

Sir/Madam,

I am directed to enclose herewith a copy of Monthly Progress Report in compliance to the Hon'ble NGT order dated 06.12.2019 in respect of UT of J&K for the month of July 2020 for information and further necessary action.

Yours faithfully,


21/8/20

(Dr Harpreet Kaur)

Special Secretary (Technical),
Department of Forest, Ecology and Environment

Encl: As above.

Copy to

1. Member Secretary, Central Pollution Control Board, new Delhi along with copy of Monthly Progress Report in respect of J&K UT for the month of July 2020.
2. Private Secretary to the Commissioner/Secretary to Government, Forest, Ecology & Environment Department for the information of the Commissioner/Secretary.

UNION TERRITORY OF JAMMU AND KASHMIR

Department of Forest, Ecology & Environment.

Polluted River Stretch: River Devika (Udhampur)

Monthly Progress Report by States/UTs, Hon'ble NGT in the matter of OA No. 673/2018 dated 06.12.2019 for the Month of July 2020.

River	Town	Polluted River Stretch	Priority
Devak	Udhampur	Guru Ravi Dass Temple to Nainsu (5Km)	II

SNo.	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	i. Tender floated for in-situ Bioremediation. Work to commence. ii. Survey & vetting of Design of Sewerage Network has been completed and laying of Sewer Network is in progress. Length completed 33 km. iii. Survey completed and Design of 7 No. IPSs are awaited from contractor. iv. The Physical possession of land of 5 No. IPS has been handed over to the contractor to start the preliminary activities. Land for 2 No. IPS is under process. v. Structural design of 1 No. STP is under process of vetting. Physical possession of land has been handed over to contractor to start preliminary activities. vi. The total cost of the project is Rs. 186.74 Cr. out of which Rs. 30.85 Cr. has been utilized.
	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	
2	Timeline for completing all steps of action plans including completion of setting up STPs and their commissioning	31.03.2021	The timelines of some ongoing projects have been limited to 31 st March 2020. While for the projects currently under formulation, the same shall extend beyond 31 st , March 2020.
5	Chief Secretaries may set up appropriate monitoring mechanism at State level <ul style="list-style-type: none"> 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	Sh. Waseem Farooq Mir, SFS, posted in Chief Secretary's Office, J&K as Nodal Officer for the purpose, vide Govt. Order No. 123-JK(GAD) of 2020 dated 22.01.2020.
	<ul style="list-style-type: none"> Monitoring at State level must take place 	Fortnightly Commencing 21.12.2019	Chief Secretary took a meeting to review status of compliance of Hon'ble NGT directions on 23.07.2020
6	Progress report may be furnished by the States/UTs to <ul style="list-style-type: none"> Secretary, Ministry of Jal Shakti Member Secretary, CPCB 	Monthly (preferably before 20 th of every month)	-

6.1	<p>Progress Report may be comprised of details along with completion timelines on:</p> <p>(i) Identification of polluting sources including drains contributing to river pollution and action as per NGT order on insitu treatment</p> <p>(ii) <u>Status of STPs , I &D and sewerage networks</u> Details of Existing Infrastructure, Gap Analysis, Proposed along with completion timeline</p> <p>(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</p> <p>(iv) <u>Status of Solid Waste Management & Details of Processing Facilities</u> Details of Existing Infrastructure, Gap, Analysis, Proposed along with completion timeline</p> <p>(v) Latest water quality of polluted river, its tributaries, drains with flow details and ground water quality in the catchment of polluted river;</p> <p>(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.</p> <p>(vii) Ground water regulation</p> <p>(viii) Adopting good irrigation practices</p> <p>(ix) Protection and management of Flood Plain Zones (FPZ),</p> <p>(x) Rain water harvesting</p> <p>(xi) Maintaining minimum environmental flow of river.</p> <p>(xii) Plantation on both sides of the river.</p> <p>(xiii) Setting up biodiversity parks on flood plains by removing encroachment</p>	<p>Monthly basis Monitoring of river Devika polluted stretch at NWMP sanctioned location Near Shiv Mandir (Stn code2754)</p>	<p>As per approved Action Plan for restoration of water quality of polluted stretch of River Devika up to the level of bathing purpose, the main polluting sources are:-</p> <ul style="list-style-type: none"> Un-treated sewage from nearby localities/ establishments. Unabated disposal of Municipal Solid Waste. Sewage pollution from minor/major establishments. <p>3 No STP of capacity 8 MLD, 4 MLD & 1.60 MLD have been proposed.</p> <p>Proposed ETP (Cap.75KLD) by Govt. District Hospital, Udhampur (Dept of H&ME).</p> <ul style="list-style-type: none"> Water quality monitoring conducted under NWMP sanctioned location on the polluted stretch having results for main parameters in last six months (Feb.2020-Jul.2020) are:- <table border="1" data-bbox="884 1081 1441 1366"> <thead> <tr> <th>Month</th> <th>BOD</th> <th>COD</th> <th>pH</th> <th>Hardness</th> <th>Alkalinity</th> </tr> </thead> <tbody> <tr> <td>Feb.20</td> <td>3.8</td> <td>15</td> <td>7.42</td> <td>200</td> <td>320</td> </tr> <tr> <td>Mar.20</td> <td>3.0</td> <td>15</td> <td>7.30</td> <td>210</td> <td>300</td> </tr> <tr> <td>Apr.20</td> <td colspan="5">Monitoring not conducted due to lockdown</td> </tr> <tr> <td>May20</td> <td colspan="5">Monitoring not conducted due to lockdown</td> </tr> <tr> <td rowspan="3">Jun.20</td> <td>3.5</td> <td>11</td> <td>7.30</td> <td>180</td> <td>280</td> </tr> <tr> <td>0.7</td> <td>3.0</td> <td>7.85</td> <td>160</td> <td>196</td> </tr> <tr> <td>0.3</td> <td>0.5</td> <td>8.0</td> <td>140</td> <td>188</td> </tr> <tr> <td rowspan="3">Jul.20</td> <td>3.8</td> <td>14</td> <td>7.56</td> <td>200</td> <td>264</td> </tr> <tr> <td>0.9</td> <td>3.1</td> <td>7.85</td> <td>17</td> <td>216</td> </tr> <tr> <td>0.5</td> <td>1.8</td> <td>8.10</td> <td>156</td> <td>208</td> </tr> </tbody> </table> <p>The dump site has been identified at village Khari and Mand, away from main city Udhampur, in which 37.939 Sq. Meter area has been covered, in which 10950 tonnes of waste is being dumped, segregated and processed. There is 73% door to door collection in Udhampur town, which also minimizes the pollution level in the city.</p> <p>-</p> <p>-</p> <p>-</p> <p>-</p> <p>Catchment Area Treatment approved under CAMPA, plantation to be taken up during the current year, soil conservation works completed.</p> <p>A part of NRCD Project sanctioned. HUDD to provide information.</p>	Month	BOD	COD	pH	Hardness	Alkalinity	Feb.20	3.8	15	7.42	200	320	Mar.20	3.0	15	7.30	210	300	Apr.20	Monitoring not conducted due to lockdown					May20	Monitoring not conducted due to lockdown					Jun.20	3.5	11	7.30	180	280	0.7	3.0	7.85	160	196	0.3	0.5	8.0	140	188	Jul.20	3.8	14	7.56	200	264	0.9	3.1	7.85	17	216	0.5	1.8	8.10	156	208
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Department of Forest, Ecology & Environment.

Polluted River Stretch: River Banganga (Katra)

Monthly Progress Report by States/UTs, Hon'ble NGT in the matter of OA No. 673/2018 dated 06.12.2019 for the Month of July 2020.

River	Town	Polluted River Stretch	Priority
Banganga holy stream	Katra	Pony shed to bathing ghat (3Km)	III

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	Tender for in-situ bioremediation floated. Work to commence.
	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	PFR submitted to NRCP. DPR amounting to Rs 120.50 cr to be submitted by end of August 2020.
2	Timeline for completing all steps of action plans including completion of setting up STPs and their commissioning	31.03.2021	HUUD Dept. J&K, framed a Project feasibility report under NRCP for funding from GoI
5	Chief Secretaries may set up appropriate monitoring mechanism at State level <ul style="list-style-type: none"> 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	Sh. Waseem Farooq Mir, SFS, posted in Chief Secretary's Office, J&K as Nodal Officer for the purpose, vide Govt. Order No. 123-JK(GAD) of 2020 dated 22.01.2020.
	<ul style="list-style-type: none"> Monitoring at State level must take place 	22.01.2020	
	<ul style="list-style-type: none"> Monitoring at State level must take place 	Fortnightly Commencing 21.12.2019	Chief Secretary took a meeting to review status of compliance of Hon'ble NGT directions on 23.07.2020
6	Progress report may be furnished by the States/UTs to <ul style="list-style-type: none"> Secretary, Ministry of Jal Shakti Member Secretary, CPCB 	Monthly (preferably before 20 th of every month)	-
6.1	Progress Report may be comprised of details along with completion timelines on: <ol style="list-style-type: none"> Identification of polluting sources including drains contributing to river pollution and action as per NGT order on insitu treatment <u>Status of STPs, I&D and sewerage networks</u> Details of Existing Infrastructure, Gap Analysis, Proposed along with completion timeline <u>Status of CETPs</u> Details of Existing CETP and ETP Infrastructure, Gap Analysis, Proposed along with completion timeline, No. of industries and 		As per approved Action Plan for restoration of water quality of polluted stretch of River Ban Ganga at Katra up to the level of bathing purpose, the main polluting sources identified are:- <ul style="list-style-type: none"> Untreated solid and liquid waste disposal from pony sheds. Un-treated sewage from nearby localities/ establishments. Unabated disposal of Municipal Solid Waste. Sewage pollution from minor/major establishments. Two (02) STPs, (Cap. 1.30 & 4.50 MLD) were proposed by UEED. By (SMVD) (i)STP at Bhawan (cap. 3.2 MLD) requires Up-gradation (ii)STP at AdhKumari Proposed by SMVD.

UNION TERRITORY OF JAMMU AND KASHMIR

Department of Forest, Ecology & Environment.

Polluted River Stretch: River Tawi (Jammu)

Monthly Progress Report by States/UTs, Hon'ble NGT in the matter of OA No. 673/2018 dated 06.12.2019 for the Month of July 2020.

River	Town	Polluted River Stretch	Priority
Tawi	Jammu	Surajpur to Belicharana (5Km)	IV

SNo.	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	Tender for bioremediation floated. Work to commence.
	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	<ol style="list-style-type: none"> On right bank of River Tawi, NBCC is executing the sewerage Project covering old city areas on eastern side B.C. Road (from Panjtirthi to Chand Nagar) hereby 12800 house connections are envisaged to be provide out of which about 6000 stands already installed and balance work is in progress. Another sewerage project has been implemented by J&K ERA with ADB funding and state funds covering parts of Division "A" & "B" area in Jammu west constituency western side of B.C. Road from Bakshi Nagar & new Plot to Janipur Colony. About 34000 No house sewer connections covering apex. 14000 households have been provided. The sewage is being transported to (30MLD of ERA and 27 MLD of NBCC) at Bhagwati Nagar. On left Bank of river Tawi, sewerage network & 4 MLD Sewerage Treatment Plant for treatment of waste water flowing into 5 Nallahs culminating into river Tawi from Bahu & downstream area including Rajiv Nagar, Narwal, Rajiv Basti, University area and ware house inhabitants. Further, for 100% covering waste water form left out area of Division "A" Old city areas under catchment of Rehari and other Nallas are being formulated by UEED, another project has been envisaged by ERA for left out area of Jammu west under catchment of Krishna Nagar nallah under ADB Loan efforts are afoot to commission STPs currently under execution/refurbishment in order to attain maximum productivities of STPs. Another project for sewerage scheme of left out areas in the Division "B&C" of Jammu City for Rs 1250 Cr has been submitted to Govt. under JICA funding. DPR for 10 MLD STP for interception and diversion of 13 no. nallahs on right bank of Tawi, amounting to Rs 43.50 Cr prepared and shall be submitted by end of August 2020.
2	Timeline for completing all steps of action plans including completion of setting up STPs and their commissioning	31.03.2021	H&UDD a) Three STPs at Bhagwati nagar i. Cap. 10.0MLD, presently under refurbishment. Work tendered and to be allotted by end of August 2020 ii. Cap 30.0 MLD, operational but Under-load

			<p>iii. Cap 27.0 MLD, under testing.</p> <p>b) STP at Belicharana for 5 nallahs along river Tawi (D/S) LHS, Cap. 4.00 MLD under AMRUT in progress.</p> <p>c) Septage treatment plant at Bhagwatinagar (Cap. 164KLD) completed and running on trial basis.</p> <p>d) DPR for 10 MLD STP for interception and diversion of 13 Nallahs on right bank of Tawi, amounting to Rs 43.50 Cr prepared and shall be submitted by end of August 2020.</p>
5	<p>Chief Secretaries may set up appropriate monitoring mechanism at State level</p> <ul style="list-style-type: none"> • Specifying accountability of nodal authorities not below the Secretary level • Chief Secretaries may have an accountable person attached in their office for this purpose. 	<p>22.01.2020</p> <p>22.01.2020</p>	<p>Sh. Waseem Farooq Mir, SFS, posted in Chief Secretary's Office, J&K as Nodal Officer for the purpose, vide Govt. Order No. 123-JK(GAD) of 2020 dated 22.01.2020.</p>
	<ul style="list-style-type: none"> • Monitoring at State level must take place 	<p>Fortnightly Commencing 21.12.2019</p>	<p>Chief Secretary took a meeting to review status of compliance of Hon'ble NGT directions on 23.07.2020</p>
6	<p>Progress report may be furnished by the States/UTs to</p> <ul style="list-style-type: none"> • Secretary, Ministry of Jal Shakti • Member Secretary, CPCB 	<p>Monthly (preferably before 20th of every month)</p>	-
6.1	<p>Progress Report may be comprised of details along with completion timelines on:</p> <p>i) Identification of polluting sources including drains contributing to river pollution and action as per NGT order on insitu treatment</p> <p>ii) <u>Status of STPs, I &D and sewerage networks</u> Details of Existing Infrastructure, Gap Analysis, Proposed along with completion timeline.</p> <p>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</p> <p>iv) <u>Status of Solid Waste Management & Details of Processing Facilities</u></p>	-	<p>As per approved Action Plan for restoration of water quality of polluted stretch of River Tawi at Jammu up to the level of bathing purpose, the main polluting sources identified are:-</p> <ul style="list-style-type: none"> • Disposal of Untreated Sewage Waste from Jammu city. • Unabated disposal of Municipal Solid Waste. • Dumping of Construction and Demolition Waste. • Pollution from minor/major establishments. • Liquid Waste from HCEs <p>By Dept .of Health, J&K;- Proposed ETPs for HCEs:-i.e. i) Govt. Medical College Jammu (1.00MLD) ii) Govt. Dental College Jammu (100KLD) iii) SMGS Hospital Jammu (0.5MLD) iv) ASCOMS –Jammu (0.5MLD) v) Vivekananda Hospital, Amphalla, Jammu (100KLD)</p> <p>By HUDD/JMC:- i) Land acquired by JMC at Kot-Bhalwal for Scientific</p>

<p>Details of Existing Infrastructure, Gap, Analysis, Proposed along with completion timeline</p> <p>v) Latest water quality of polluted river, its tributaries, drains with flow details and ground water quality in the catchment of polluted river;</p> <p>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.</p> <p>vii) Ground water regulation.</p> <p>viii) Adopting good irrigation practices,</p> <p>ix) Protection and management of Flood Plain Zones (FPZ),</p> <p>x) Rain water harvesting,</p> <p>xi) Maintaining minimum environmental flow of river</p>	<p>Monthly basis Monitoring at NWMP sanctioned; location by SPCB at:-</p> <p>a) Below Tawi Bridge (2744)</p> <p>b) Bhagwatinagar (2745)</p> <p>c) Belicharana (2746)</p> <p>d) Surajpur (2747)</p> <p>e) Bhagwatinagar</p> <p>1 Km D/s below STP discharge point at Bhagwatinagar (4055)</p>	<p>disposal of 380 MT/D (app.) MSW.</p> <p>ii) Bio-remediation of dumped MSW at old dumping site at the bank of River Tawi.</p> <p>Water quality monitoring conducted under NWMP sanctioned three location on the polluted stretch having results for main parameters in last six months (Feb. 2020-July 2020) are:-</p> <table border="1" data-bbox="821 521 1412 1406"> <thead> <tr> <th>Month</th> <th>BOD</th> <th>COD</th> <th>pH</th> <th>Hardness</th> <th>Alkalinity</th> </tr> </thead> <tbody> <tr> <td rowspan="5">Feb.20 (2744, 45, 46, 47 & 4055)</td> <td>2.6</td> <td>14</td> <td>8.65</td> <td>198</td> <td>192</td> </tr> <tr> <td>8.5</td> <td>36</td> <td>8.95</td> <td>196</td> <td>292</td> </tr> <tr> <td>0.4</td> <td>3.0</td> <td>8.60</td> <td>176</td> <td>188</td> </tr> <tr> <td>0.3</td> <td>2.6</td> <td>8.69</td> <td>174</td> <td>192</td> </tr> <tr> <td>3.0</td> <td>21</td> <td>8.76</td> <td>280</td> <td>190</td> </tr> <tr> <td rowspan="5">Mar.20 (2744, 45, 46, 47 & 4055)</td> <td>1.8</td> <td>11</td> <td>8.40</td> <td>190</td> <td>180</td> </tr> <tr> <td>6.5</td> <td>28</td> <td>8.57</td> <td>190</td> <td>192</td> </tr> <tr> <td>0.1</td> <td>2.0</td> <td>8.56</td> <td>166</td> <td>184</td> </tr> <tr> <td>0.1</td> <td>2.0</td> <td>8.50</td> <td>164</td> <td>184</td> </tr> <tr> <td>6.0</td> <td>28</td> <td>8.47</td> <td>190</td> <td>192</td> </tr> <tr> <td rowspan="5">Apr.20 (2744, 45, 46, 47 & 4055)</td> <td>1.5</td> <td>8</td> <td>7.20</td> <td>90</td> <td>100</td> </tr> <tr> <td>3.0</td> <td>16</td> <td>7.70</td> <td>86</td> <td>108</td> </tr> <tr> <td>0.2</td> <td>1.5</td> <td>7.50</td> <td>81</td> <td>104</td> </tr> <tr> <td>0.1</td> <td>1.5</td> <td>7.55</td> <td>80</td> <td>104</td> </tr> <tr> <td>2.7</td> <td>12</td> <td>7.55</td> <td>90</td> <td>110</td> </tr> <tr> <td rowspan="5">May 20 (2744, 45, 46, 47 & 4055)</td> <td>1.8</td> <td>10.0</td> <td>7.63</td> <td>88</td> <td>20</td> </tr> <tr> <td>4.0</td> <td>18.0</td> <td>7.68</td> <td>90</td> <td>35</td> </tr> <tr> <td>0.1</td> <td>1.5</td> <td>7.53</td> <td>88</td> <td>19</td> </tr> <tr> <td>0.1</td> <td>1.7</td> <td>7.53</td> <td>86</td> <td>19</td> </tr> <tr> <td>3.0</td> <td>14.0</td> <td>7.90</td> <td>84</td> <td>30</td> </tr> <tr> <td rowspan="5">Jun 20 (2744, 45, 46, 47 & 4055)</td> <td>2.6</td> <td>12</td> <td>8.0</td> <td>100</td> <td>100</td> </tr> <tr> <td>5.8</td> <td>22</td> <td>8.0</td> <td>110</td> <td>108</td> </tr> <tr> <td>0.9</td> <td>1.4</td> <td>8.0</td> <td>96</td> <td>100</td> </tr> <tr> <td>0.9</td> <td>1.6</td> <td>7.6</td> <td>90</td> <td>92</td> </tr> <tr> <td>4.5</td> <td>18</td> <td>8.10</td> <td>90</td> <td>120</td> </tr> <tr> <td rowspan="5">Jul.20 (2744, 45, 4, 47 & 4055)</td> <td>3.0</td> <td>14</td> <td>8.20</td> <td>116</td> <td>120</td> </tr> <tr> <td>6.2</td> <td>25</td> <td>8.25</td> <td>124</td> <td>132</td> </tr> <tr> <td>0.9</td> <td>1.6</td> <td>8.20</td> <td>120</td> <td>128</td> </tr> <tr> <td>0.9</td> <td>1.7</td> <td>8.15</td> <td>116</td> <td>124</td> </tr> <tr> <td>4.7</td> <td>20</td> <td>8.20</td> <td>130</td> <td>140</td> </tr> </tbody> </table>	Month	BOD	COD	pH	Hardness	Alkalinity	Feb.20 (2744, 45, 46, 47 & 4055)	2.6	14	8.65	198	192	8.5	36	8.95	196	292	0.4	3.0	8.60	176	188	0.3	2.6	8.69	174	192	3.0	21	8.76	280	190	Mar.20 (2744, 45, 46, 47 & 4055)	1.8	11	8.40	190	180	6.5	28	8.57	190	192	0.1	2.0	8.56	166	184	0.1	2.0	8.50	164	184	6.0	28	8.47	190	192	Apr.20 (2744, 45, 46, 47 & 4055)	1.5	8	7.20	90	100	3.0	16	7.70	86	108	0.2	1.5	7.50	81	104	0.1	1.5	7.55	80	104	2.7	12	7.55	90	110	May 20 (2744, 45, 46, 47 & 4055)	1.8	10.0	7.63	88	20	4.0	18.0	7.68	90	35	0.1	1.5	7.53	88	19	0.1	1.7	7.53	86	19	3.0	14.0	7.90	84	30	Jun 20 (2744, 45, 46, 47 & 4055)	2.6	12	8.0	100	100	5.8	22	8.0	110	108	0.9	1.4	8.0	96	100	0.9	1.6	7.6	90	92	4.5	18	8.10	90	120	Jul.20 (2744, 45, 4, 47 & 4055)	3.0	14	8.20	116	120	6.2	25	8.25	124	132	0.9	1.6	8.20	120	128	0.9	1.7	8.15	116	124	4.7	20	8.20	130	140	<p>-</p> <p>-</p> <p>-</p> <p>-</p> <p>-</p> <p>-</p>
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	3.0	21	8.76	280	190																																																																																																																																																																
Mar.20 (2744, 45, 46, 47 & 4055)	1.8	11	8.40	190	180																																																																																																																																																																
	6.5	28	8.57	190	192																																																																																																																																																																
	0.1	2.0	8.56	166	184																																																																																																																																																																
	0.1	2.0	8.50	164	184																																																																																																																																																																
	6.0	28	8.47	190	192																																																																																																																																																																
Apr.20 (2744, 45, 46, 47 & 4055)	1.5	8	7.20	90	100																																																																																																																																																																
	3.0	16	7.70	86	108																																																																																																																																																																
	0.2	1.5	7.50	81	104																																																																																																																																																																
	0.1	1.5	7.55	80	104																																																																																																																																																																
	2.7	12	7.55	90	110																																																																																																																																																																
May 20 (2744, 45, 46, 47 & 4055)	1.8	10.0	7.63	88	20																																																																																																																																																																
	4.0	18.0	7.68	90	35																																																																																																																																																																
	0.1	1.5	7.53	88	19																																																																																																																																																																
	0.1	1.7	7.53	86	19																																																																																																																																																																
	3.0	14.0	7.90	84	30																																																																																																																																																																
Jun 20 (2744, 45, 46, 47 & 4055)	2.6	12	8.0	100	100																																																																																																																																																																
	5.8	22	8.0	110	108																																																																																																																																																																
	0.9	1.4	8.0	96	100																																																																																																																																																																
	0.9	1.6	7.6	90	92																																																																																																																																																																
	4.5	18	8.10	90	120																																																																																																																																																																
Jul.20 (2744, 45, 4, 47 & 4055)	3.0	14	8.20	116	120																																																																																																																																																																
	6.2	25	8.25	124	132																																																																																																																																																																
	0.9	1.6	8.20	120	128																																																																																																																																																																
	0.9	1.7	8.15	116	124																																																																																																																																																																
	4.7	20	8.20	130	140																																																																																																																																																																

	xii) Plantation on both sides of the river	-	Catchment Area Treatment done by plantation of 0.34 lac trees treating 200 hectares for the polluted river stretch.
	xiii) Setting up biodiversity parks on flood plains by removing encroachment	-	
		-	

UNION TERRITORY OF JAMMU AND KASHMIR
Department of Forest, Ecology & Environment.

Polluted River Stretch: River Basantar (Samba)

Monthly Progress Report by States/UTs, Hon'ble NGT in the matter of OA No. 673/2018 dated 06.12.2019 for the Month of July 2020.

River	Town	Polluted River Stretch	Priority
Basantar	Samba	Samba to Chak Manga Rakwal adjoining IGC (5Km)	V

SNo.	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	Tender for in-situ bioremediation floated. Work to commence.
	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	PFR submitted to NRCP and DPR amounting to Rs. 74.93 Cr to be submitted to Govt. by end of August 2020.
2	Timeline for completing all steps of action plans including completion of setting up STPs and their commissioning	31.03.2021	HUDD Dept. STP (Cap. 3.5 MLD) proposed.
5	Chief Secretaries may set up appropriate monitoring mechanism at State level	22.01.2020	Sh. Waseem Farooq Mir, SFS, posted in Chief Secretary's Office, J&K as Nodal Officer for the purpose, vide Govt. Order No. 123-JK(GAD) of 2020 dated 22.01.2020.
	<ul style="list-style-type: none"> 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	
	<ul style="list-style-type: none"> Monitoring at State level must take place 	Fortnightly Commencing 21.12.2019	Chief Secretary took a meeting to review status of compliance of Hon'ble NGT directions on 23.07.2020
6	Progress report may be furnished by the States/UTs to <ul style="list-style-type: none"> Secretary, Ministry of Jal Shakti Member Secretary, CPCB 	Monthly (preferably before 20 th of every month)	-
6.1	Progress Report may be comprised of details along with completion timelines on: <ol style="list-style-type: none"> Identification of polluting sources including drains contributing to river pollution and action as per NGT order on insitu treatment <u>Status of STPs, I & D and sewerage networks</u> Details of Existing Infrastructure, Gap Analysis, 		As per approved Action Plan for restoration of water quality of polluted stretch of River Basantar at Samba up to the level of bathing purpose, the main polluting sources identified are:- <ul style="list-style-type: none"> Disposal of Untreated Sewage Waste from Samba Town and nearby localities. Effluents from industries in IGC-Samba. Unabated disposal of Municipal Solid Waste. Dumping of Construction and Demolition waste. Pollution from minor/major establishments. <p>By Dept. of Health, J&K ETP proposed for Sub-Distt. Hospital Samba</p>

	<p>Proposed along with completion timeline</p> <p>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</p> <p>iv) <u>Status of Solid Waste Management & Details of Processing Facilities</u> Details of Existing Infrastructure, Gap, Analysis, Proposed along with completion timeline</p> <p>v) Latest water quality of polluted river, its tributaries, drains with flow details and ground water quality in the catchment of polluted river;</p> <p>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.</p>	<p>Nov 2020 Nov 2020 Dec 2020 Dec 2020 6 months after site availability</p> <p>Monthly basis Monitoring at NWMP sanctioned; location by SPCB at:- a) Chak Manga Gujjar Samba (2753)</p> <p>-</p>	<p>STP 3.5 MLD capacity has been proposed</p> <p>By SIDCO: CETP (Cap. 1.0 MLD) proposed IGC Samba: Ph-I, IGC Samba – 80% civil works completed. Ph-II, IGC Samba - 75% civil works completed. Ph-II, IGC Samba - 55% civil works completed. Ph-III, IGC Samba- 45% civil works completed. I.C. Bari Brahmana: i) Ph-I Cap. 3x0.5 MLD=1.5 MLD—Progress nil as sites not available. Matter taken up with PDD and other units for land retrieval. ii) Ph-II Cap. 1.5 MLD. Allotment made. Site dispute with JDA led to suspension of site. Alternative site adjacent to Railway land identified. iii) EPIP Cap. 0.5 MLD. Work tendered for 3rd time.</p> <p>I.E. Ghatti Kathua: Completed (non-operational due to lack of effluent) Note: Work resumed but progress slow due to lockdown restrictions and other factors such as ban on mining.</p> <p>M/S Rama Sethu Infrastructure Pvt. Ltd. In Ph-II, IGC Samba has been allotted 64 kanals of land on Re 1/- premium for setting up of TSDF facility.</p> <p>By HUDD:- 100 kanal land at Madehera acquired for Scientific disposal of MSW.</p> <p>Water quality monitoring conducted under NWMP sanctioned location on the polluted stretch having results for main parameters in last six months (Feb.2020-Jul.2020) are:-</p> <table border="1" data-bbox="884 1563 1422 1800"> <thead> <tr> <th>Month</th> <th>BOD</th> <th>COD</th> <th>pH</th> <th>Hardness</th> <th>Alkalinity</th> </tr> </thead> <tbody> <tr> <td>Feb.20</td> <td>1.8</td> <td>5.4</td> <td>8.80</td> <td>190</td> <td>181</td> </tr> <tr> <td>Mar.20</td> <td>1.5</td> <td>5.3</td> <td>8.70</td> <td>180</td> <td>188</td> </tr> <tr> <td>Apr.20</td> <td colspan="5">Monitoring not conducted due to lockdown</td> </tr> <tr> <td>May20</td> <td colspan="5">Monitoring not conducted due to lockdown</td> </tr> <tr> <td>Jun 20</td> <td>2.2</td> <td>5.2</td> <td>8.20</td> <td>142</td> <td>164</td> </tr> <tr> <td>Jul.20</td> <td>2.</td> <td>16</td> <td>8.55</td> <td>160</td> <td>176</td> </tr> </tbody> </table>	Month	BOD	COD	pH	Hardness	Alkalinity	Feb.20	1.8	5.4	8.80	190	181	Mar.20	1.5	5.3	8.70	180	188	Apr.20	Monitoring not conducted due to lockdown					May20	Monitoring not conducted due to lockdown					Jun 20	2.2	5.2	8.20	142	164	Jul.20	2.	16	8.55	160	176
Month	BOD	COD	pH	Hardness	Alkalinity																																								
Feb.20	1.8	5.4	8.80	190	181																																								
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	vii) Ground water regulation		-
	viii) Adopting good irrigation practices,	-	-
	ix) Protection and management of Flood Plain Zones (FPZ),	-	-
	x) Rain water harvesting,	-	
	xi) Maintaining minimum environmental flow of river	-	
	xii) Plantation on both sides of the river	-	
	xiii) Setting up biodiversity parks on flood plains by removing encroachment	-	
			Catchment Area Treatment done by plantation of 0.032 lac trees and soil conservation works for the polluted river stretch.

UNION TERRITORY OF JAMMU AND KASHMIR
Department of Forest, Ecology & Environment.

Polluted River Stretch: River Chenab (Akhnoor)

Monthly Progress Report by States/UTs, Hon'ble NGT in the matter of OA No. 673/2018 dated 06.12.2019 for the Month of July 2020.

River	Town	Polluted River Stretch	Priority
Chenab	Akhnoor	Jal Patan (Jio Pota) to Pargwal (12 Km)	V

SNo.	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	Tender for in-situ bioremediation floated. Work to commence.
	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	PFR submitted to NRCP and DPR amounting to Rs. 131.57 Cr. shall be submitted by end of August 2020.
2	Timeline for completing all steps of action plans including completion of setting up STPs and their commissioning	31.03.2021	H&UDD Dept. STP proposed (Cap. 5.10 MLD) for Akhnoor town.
5	Chief Secretaries may set up appropriate monitoring mechanism at State level <ul style="list-style-type: none"> 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	Sh. Waseem Farooq Mir, SFS, posted in Chief Secretary's Office, J&K as Nodal Officer for the purpose, vide Govt. Order No. 123-JK(GAD) of 2020 dated 22.01.2020.
	<ul style="list-style-type: none"> Monitoring at State level must take place 	22.01.2020	
		Fortnightly Commencing 21.12.2019	
6	Progress report may be furnished by the States/UTs to <ul style="list-style-type: none"> Secretary, Ministry of Jal Shakti Member Secretary, CPCB 	Monthly (preferably before 20 th of every month)	-
6.1	Progress Report may be comprised of details along with completion timelines on: <ol style="list-style-type: none"> Identification of polluting sources including drains contributing to river pollution and action as per NGT order on in-situ treatment <u>Status of STPs, I & D and sewerage networks</u> Details of Existing Infrastructure, Gap Analysis, Proposed along with completion timeline <u>Status of CETPs</u> 	-	As per approved Action Plan for restoration of water quality of polluted stretch of River Chenab at Akhnoor up to the level of bathing purpose, the main polluting sources identified are:- <ul style="list-style-type: none"> Disposal of Untreated Sewage Waste into River Chenab. Unabated disposal of Municipal Solid Waste. Un-authorized dumping of Construction and Demolition wastes. Pollution from minor/major establishments. Deptt. of Health and Medical Education. ETP for Sub-Distt. Hospital Akhnoor. 1 no. STP of 5.10 MLD has been proposed

	<p>Details of Existing CETP and ETP Infrastructure, Gap Analysis, Proposed along with completion timeline, No. of industries and complying status</p> <p>iv) <u>Status of Solid Waste Management & Details of Processing Facilities</u> Details of Existing Infrastructure, Gap, Analysis, Proposed along with completion timeline</p> <p>v) Latest water quality of polluted river, its tributaries, drains with flow details and ground water quality in the catchment of polluted river;</p> <p>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.</p> <p>vii) Ground water regulation</p> <p>viii) Adopting good irrigation practices,</p> <p>ix) Protection and management of Flood Plain Zones (FPZ),</p> <p>x) Rain water harvesting,</p> <p>xi) Maintaining minimum environmental flow of river</p> <p>xii) Plantation on both sides of the river</p> <p>xiii) Setting up biodiversity parks on flood plains by removing encroachment</p>	<p>-</p> <p>Monthly basis Monitoring at NWMP sanctioned; location by SPCB at:- a) Jai Patan (Jio Pota) Mandir Akhnoor (2751)</p> <p>-</p> <p>-</p> <p>-</p> <p>-</p> <p>-</p> <p>-</p> <p>-</p>	<p>HUDD 12 kanals land identified for 9.0 MT/D (app.) MSW</p> <p>Water quality monitoring conducted under NWMP sanctioned location on the polluted stretch having results for main parameters in last six months (Feb.2020-Jul.2020), are:-</p> <table border="1" data-bbox="884 712 1428 954"> <thead> <tr> <th>Month</th> <th>BOD</th> <th>COD</th> <th>pH</th> <th>Hardness</th> <th>Alkalinity</th> </tr> </thead> <tbody> <tr> <td>Feb.20</td> <td>0.6</td> <td>3.0</td> <td>7.96</td> <td>80</td> <td>80</td> </tr> <tr> <td>Mar.20</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>Apr.20</td> <td colspan="5">Monitoring not conducted due to lockdown</td> </tr> <tr> <td>May20</td> <td colspan="5">Monitoring not conducted due to lockdown</td> </tr> <tr> <td>Jun 20</td> <td>0.8</td> <td>2.2</td> <td>8.0</td> <td>74</td> <td>76</td> </tr> <tr> <td>Jul.20</td> <td colspan="5">Sampling is being done on bimonthly basis</td> </tr> </tbody> </table> <p>Note:- Monitoring at this location is being conducted bi-monthly basis.</p> <p>Catchment Area Treatment done by plantation of 0.40 lac trees treating 200 hectares with soil conservation works for the polluted river stretch.</p>	Month	BOD	COD	pH	Hardness	Alkalinity	Feb.20	0.6	3.0	7.96	80	80	Mar.20	-	-	-	-	-	Apr.20	Monitoring not conducted due to lockdown					May20	Monitoring not conducted due to lockdown					Jun 20	0.8	2.2	8.0	74	76	Jul.20	Sampling is being done on bimonthly basis				
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UNION TERRITORY OF JAMMU AND KASHMIR
Department of Forest, Ecology & Environment

Polluted River Stretch: River Chunt Kol (Srinagar)

Monthly Progress Report by States/UTs, Hon'ble NGT in the matter of OA No. 673/2018 dated 06.12.2019 for the Month of July 2020.

River	Town	Polluted River Stretch	Priority
Chunt Kol	Srinagar	Maulana Azad Bridge to Kanikadal (5Km)	III

SNo.	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	Tender for in-situ bioremediation floated. Work to commence shortly.
	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	Cost of project 39.39 Cr. submitted to Development Commissioner (Works) for technical vetting on 15.07.2020.
2	Timeline for completing all steps of action plans including completion of setting up STPs and their commissioning	31.03.2021	HUDD Dept./SMC/LAWDA Two STPs (Cap. 5.0 MLD, for 07 Dewatering stations proposed.
5	Chief Secretaries may set up appropriate monitoring mechanism at State level <ul style="list-style-type: none"> 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	Sh. Waseem Farooq Mir, SFS, posted in Chief Secretary's Office, J&K as Nodal Officer for the purpose, vide Govt. Order No. 123-JK(GAD) of 2020 dated 22.01.2020.
	<ul style="list-style-type: none"> Monitoring at State level must take place 	22.01.2020	
		Fortnightly Commencing 21.12.2019	Chief Secretary took a meeting to review status of compliance of Hon'ble NGT directions on 23.07.2020
6	Progress report may be furnished by the States/UTs to <ul style="list-style-type: none"> Secretary, Ministry of Jal Shakti Member Secretary, CPCB 	Monthly (preferably before 20 th of every month)	-
6.1	Progress Report may be comprised of details along with completion timelines on: <ol style="list-style-type: none"> Identification of polluting sources including drains contributing to river pollution and action as per NGT order on insitu treatment <u>Status of STPs , I &D and sewerage networks</u> Details of Existing Infrastructure, Gap Analysis, Proposed along with completion timeline 	-	As per approved Action Plan for restoration of water quality of polluted stretch of River Chuntkol (tributary of river Jhelum) at Srinagar up to the level of bathing purpose, the main polluting sources identified are:- <ul style="list-style-type: none"> Disposal of Untreated Sewage Waste into River Chuntkol. Unabated disposal of Municipal Solid Waste. Un-authorized dumping of Construction and Demolition wastes. Pollution from minor/major establishments.

	<p>Details of Existing CETP and ETP Infrastructure, Gap Analysis, Proposed along with completion timeline, No. of industries and complying status</p> <p>iv) <u>Status of Solid Waste Management & Details of Processing Facilities</u> Details of Existing Infrastructure, Gap, Analysis, Proposed along with completion timeline</p> <p>v) Latest water quality of polluted river, its tributaries, drains with flow details and ground water quality in the catchment of polluted river;</p> <p>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.</p> <p>vii) Ground water regulation viii) Adopting good irrigation practices, ix) Protection and management of Flood Plain Zones (FPZ), x) Rain water harvesting, xi) Maintaining minimum environmental flow of river xii) Plantation on both sides of the river xiii) Setting up biodiversity parks on flood plains by removing encroachment</p>	<p>-</p> <p>-</p> <p>Monthly basis Monitoring at NWMP sanctioned; location by SPCB at:- Gawkadal (1306)</p> <p>-</p> <p>-</p> <p>-</p> <p>-</p> <p>-</p> <p>-</p> <p>-</p> <p>-</p> <p>-</p> <p>-</p>	<p>-</p> <p>HUDD/SMC To identify land for MSW processing.</p> <p>Water quality monitoring conducted under NWMP sanctioned one location on the polluted stretch having results for main parameters in last six months (Feb. 2020-July 2020) are:-</p> <table border="1" data-bbox="962 703 1402 920"> <thead> <tr> <th>Month</th> <th>BOD</th> <th>COD</th> <th>pH</th> <th>DO</th> </tr> </thead> <tbody> <tr> <td>Feb.20</td> <td>2.2</td> <td>26.0</td> <td>7.17</td> <td>8.0</td> </tr> <tr> <td>Mar.20</td> <td>1.8</td> <td>23.2</td> <td>7.20</td> <td>6.6</td> </tr> <tr> <td>Apr.20</td> <td colspan="4">Monitoring not conducted due to lockdown</td> </tr> <tr> <td>May20</td> <td>2.2</td> <td>24.58</td> <td>8.10</td> <td>6.2</td> </tr> <tr> <td>Jun 20</td> <td>2.0</td> <td>16.66</td> <td>7.35</td> <td>6.5</td> </tr> <tr> <td>Jul.20</td> <td>2.9</td> <td>23.4</td> <td>7.0</td> <td>5.5</td> </tr> </tbody> </table> <p>Catchment Area Treatment approved under CAMPA, to be taken up in current year.</p> <p>-</p>	Month	BOD	COD	pH	DO	Feb.20	2.2	26.0	7.17	8.0	Mar.20	1.8	23.2	7.20	6.6	Apr.20	Monitoring not conducted due to lockdown				May20	2.2	24.58	8.10	6.2	Jun 20	2.0	16.66	7.35	6.5	Jul.20	2.9	23.4	7.0	5.5
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UNION TERRITORY OF JAMMU AND KASHMIR
Department of Forest, Ecology & Environment

Polluted River Stretch: River Jhelum (Chattabal Weir to Anantnag), Srinagar

Monthly Progress Report by States/UTs, Hon'ble NGT in the matter of OA No. 673/2018 dated 06.12.2019 for the Month of July 2020.

River	Town	Polluted River Stretch	Priority
Jhelum	Srinagar	Chhattabal Weir to Anantnag (40 Km)	V

SNo.	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	Tender for in-situ bioremediation floated. Work to commence.
	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	Cost of project shall be communicated along with DPR by 30.09.2020. However, cost of PFR was Rs. 184.00 Cr.
2	Timeline for completing all steps of action plans including completion of setting up STPs and their commissioning	31.03.2021	H&UDD/SMC a) 1 STP (4.0 MLD) for sewage from 12 discharging pumps for the area outside of Anantnag Town. b) Septage Treatment Plant (62 KLD) installed at Anantnag. c) Interception of sewerage drains originating from various towns in the polluted stretch. The proposed STPs by Municipal Bodies which come across the stretch are: i) Anantnag Town = 14.0 MLD ii) Bijbehara Town = 3.0 MLD iii) Awantipora Town = 1.6 MLD iv) Pampore Town = 2.7 MLD
5	Chief Secretaries may set up appropriate monitoring mechanism at State level <ul style="list-style-type: none"> 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	Sh. Waseem Farooq Mir, SFS, posted in Chief Secretary's Office, J&K as Nodal Officer for the purpose, vide Govt. Order No. 123-JK(GAD) of 2020 dated 22.01.2020.
	<ul style="list-style-type: none"> Monitoring at State level must take place 	Fortnightly Commencing 21.12.2019	Chief Secretary took a meeting to review status of compliance of Hon'ble NGT directions on 23.07.2020
6	Progress report may be furnished by the States/UTs to <ul style="list-style-type: none"> Secretary, Ministry of Jal Shakti Member Secretary, CPCB 	Monthly (preferably before 20 th of every month)	-
6.1	Progress Report may be comprised of details along with completion timelines on: <ul style="list-style-type: none"> i) Identification of polluting sources including drains contributing to river pollution and action as per NGT order on insitu treatment 	-	As per approved Action Plan for restoration of water quality of polluted stretch of River Jhelum from Chattabal Weir to Anantnag (40 kms) up to the level of bathing purpose, the main polluting sources identified are:- <ul style="list-style-type: none"> Disposal of Untreated Sewage Waste. Unabated disposal of Municipal Solid Waste.

	<p>ii) <u>Status of STPs , I &D and sewerage networks</u> Details of Existing Infrastructure, Gap Analysis, Proposed along with completion timeline</p> <p>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</p> <p>iv) <u>Status of Solid Waste Management & Details of Processing Facilities</u> Details of Existing Infrastructure, Gap, Analysis, Proposed along with completion timeline</p> <p>v) Latest water quality of polluted river, its tributaries, drains with flow details and ground water quality in the catchment of polluted river;</p>	<p>-</p> <p>-</p> <p>-</p> <p>Monthly basis Monitoring at NWMP sanctioned; location by SPCB at:-</p> <p>i) Anantnag (1304)</p> <p>ii) Batingon (PCB site)</p> <p>iii) Bijbehara (4053)</p> <p>iv) Sangam U/S (3273)</p> <p>v) Sangam D/ S (PCB site)</p> <p>vi) Awantipora (3274)</p> <p>vii) Pampore (3275)</p> <p>viii) Panthachowk (4054)</p> <p>ix) Pandarathan (PCB site)</p> <p>x) Zero Bridge (1410)</p> <p>xi) Chattabal Weir (1411)</p>	<ul style="list-style-type: none"> • Dumping of Construction and Demolition wastes. • Pollution from minor/major establishments. <p>Dept. of Health & Med Edu, J&K ETP to be installed by respective HCE.</p> <p>-</p> <p>H&UDD Suitable land for scientific disposal of MSW, sites to be identified by respective MCs.</p> <p>Water quality monitoring conducted under NWMP at 11 sanctioned locations on the polluted stretch having results for main parameters in last six months (Feb. 2020-July 2020) are:-</p> <table border="1" data-bbox="954 1104 1370 2049"> <thead> <tr> <th>Month</th> <th>BOD</th> <th>COD</th> <th>pH</th> <th>DO</th> </tr> </thead> <tbody> <tr> <td>Feb.20</td> <td>2.0</td> <td>25.9</td> <td>7.24</td> <td>7.9</td> </tr> <tr> <td></td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td></td> <td>1.4</td> <td>19.3</td> <td>7.40</td> <td>8.6</td> </tr> <tr> <td></td> <td>1.9</td> <td>24.2</td> <td>7.70</td> <td>8.4</td> </tr> <tr> <td></td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td></td> <td>1.4</td> <td>19.3</td> <td>7.40</td> <td>7.9</td> </tr> <tr> <td></td> <td>1.30</td> <td>16.6</td> <td>7.8</td> <td>8.1</td> </tr> <tr> <td></td> <td>1.3</td> <td>17.7</td> <td>7.65</td> <td>8.0</td> </tr> <tr> <td></td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td></td> <td>2.40</td> <td>26.0</td> <td>7.20</td> <td>8.4</td> </tr> <tr> <td></td> <td>2.0</td> <td>17.4</td> <td>7.05</td> <td>8.2</td> </tr> <tr> <td>Mar.20</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td></td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td></td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td></td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td></td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td></td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td></td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td></td> <td>1.80</td> <td>21.0</td> <td>7.19</td> <td>5.8</td> </tr> <tr> <td></td> <td>2.30</td> <td>21.0</td> <td>7.23</td> <td>6.1</td> </tr> <tr> <td>Apr 20</td> <td colspan="4">No monitoring conducted due to lockdown</td> </tr> <tr> <td>May20</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td></td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td></td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td></td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td></td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table>	Month	BOD	COD	pH	DO	Feb.20	2.0	25.9	7.24	7.9		-	-	-	-		1.4	19.3	7.40	8.6		1.9	24.2	7.70	8.4		-	-	-	-		1.4	19.3	7.40	7.9		1.30	16.6	7.8	8.1		1.3	17.7	7.65	8.0		-	-	-	-		2.40	26.0	7.20	8.4		2.0	17.4	7.05	8.2	Mar.20	-	-	-	-		-	-	-	-		-	-	-	-		-	-	-	-		-	-	-	-		-	-	-	-		-	-	-	-		1.80	21.0	7.19	5.8		2.30	21.0	7.23	6.1	Apr 20	No monitoring conducted due to lockdown				May20	-	-	-	-		-	-	-	-		-	-	-	-		-	-	-	-		-	-	-	-
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UNION TERRITORY OF JAMMU AND KASHMIR

Department of Forest, Ecology & Environment

Polluted River Stretch: River Sindh (Ganderbal)

Monthly Progress Report by States/UTs, Hon'ble NGT in the matter of OA No. 673/2018 dated 06.12.2019 for the Month of July 2020.

River	Town	Polluted River Stretch	Priority
Sindh	Ganderbal	Along Duderhamal (3.7 Km)	V

SNo.	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	Tender for in-situ bioremediation floated. Work to commence.
	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	Cost of project shall be communicated along with DPR by 05.09.2020. However, cost of PFR was Rs. 55.60 Cr.
2	Timeline for completing all steps of action plans including completion of setting up STPs and their commissioning	31.03.2021	HUDD Dept. Proposed STP (Cap. 4.0 MLD)
3	Chief Secretaries may set up appropriate monitoring mechanism at State level <ul style="list-style-type: none"> 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	Sh. Waseem Farooq Mir, SFS, posted in Chief Secretary's Office, J&K as Nodal Officer for the purpose, vide Govt. Order No. 123-JK(GAD) of 2020 dated 22.01.2020.
		22.01.2020	
4	<ul style="list-style-type: none"> Monitoring at State level must take place 	Fortnightly Commencing 21.12.2019	Chief Secretary took a meeting to review status of compliance of Hon'ble NGT directions on 23.07.2020
5	Progress report may be furnished by the States/UTs to <ul style="list-style-type: none"> Secretary, Ministry of Jal Shakti Member Secretary, CPCB 	Monthly (preferably before 20 th of every month)	-
6.1	Progress Report may be comprised of details along with completion timelines on: <ol style="list-style-type: none"> Identification of polluting sources including drains contributing to river pollution and action as per NGT order on insitu treatment <u>Status of STPs , I &D and sewerage networks</u> Details of Existing Infrastructure, Gap Analysis, Proposed along with completion timeline <u>Status of CETPs</u> Details of Existing CETP and ETP Infrastructure, Gap Analysis, 	-	As per approved Action Plan for restoration of water quality of polluted stretch of River Sindh along Duderhama at Ganderbal up to the level of bathing purpose, the main polluting sources identified are:- <ul style="list-style-type: none"> Untreated Sewage Waste . Unauthorised disposal of Municipal Solid Waste. Dumping of Construction and Demolition wastes. Pollution from minor/major establishments.

	<p>Proposed along with completion timeline, No. of industries and complying status</p> <p>iv) <u>Status of Solid Waste Management & Details of Processing Facilities</u> Details of Existing Infrastructure, Gap, Analysis, Proposed along with completion timeline</p> <p>v) Latest water quality of polluted river, its tributaries, drains with flow details and ground water quality in the catchment of polluted river</p> <p>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.</p> <p>vii) Ground water regulation</p> <p>viii) Adopting good irrigation practices</p> <p>ix) Protection and management of Flood Plain Zones (FPZ)</p> <p>x) Rain water harvesting</p> <p>xi) Maintaining minimum environmental flow of river</p> <p>xii) Plantation on both sides of the river</p> <p>xiii) Setting up biodiversity parks on flood plains by removing encroachment.</p>	<p>-</p> <p>-</p> <p>Monthly basis Monitoring at NWMP sanctioned; location by SPCB at:- Dodherhama (3286)</p> <p>-</p> <p>-</p> <p>-</p> <p>-</p> <p>-</p> <p>-</p> <p>-</p> <p>-</p>	<p>-</p> <p>HUDD To identify suitable land for disposal of MSW.</p> <p>Water quality monitoring conducted under NWMP sanctioned one location on the polluted stretch having results for main parameters in last six months (Feb. 2020-July 2020) are:-</p> <table border="1" data-bbox="954 645 1393 898"> <thead> <tr> <th>Month</th> <th>BOD</th> <th>COD</th> <th>pH</th> <th>DO</th> </tr> </thead> <tbody> <tr> <td>Feb.20</td> <td>1.3</td> <td>14.5</td> <td>7.72</td> <td>8.5</td> </tr> <tr> <td>Mar.20</td> <td colspan="4">Monitoring not conducted due to lockdown</td> </tr> <tr> <td>Apr.20</td> <td colspan="4">Monitoring not conducted due to lockdown</td> </tr> <tr> <td>May20</td> <td colspan="4">Monitoring not conducted due to lockdown</td> </tr> <tr> <td>Jun 20</td> <td>1.0</td> <td>11.2</td> <td>7.38</td> <td>6.8</td> </tr> <tr> <td>Jul.20</td> <td>1.0</td> <td>10.8</td> <td>7.57</td> <td>7.8</td> </tr> </tbody> </table> <p>-</p> <p>Catchment Area Treatment in 100 hectare area approved under CAMPA to be taken up in current year. Soil conservation works completed</p> <p>-</p>	Month	BOD	COD	pH	DO	Feb.20	1.3	14.5	7.72	8.5	Mar.20	Monitoring not conducted due to lockdown				Apr.20	Monitoring not conducted due to lockdown				May20	Monitoring not conducted due to lockdown				Jun 20	1.0	11.2	7.38	6.8	Jul.20	1.0	10.8	7.57	7.8
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