

UNION TERRITORY OF JAMMU AND KASHMIR

Department of Forest, Ecology & Environment.

Polluted River Stretch: Devika (Udhampur)

Revised 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 August 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	<p>i. Tender for in-situ Bioremediation floated and technical evaluation is under process.</p> <p>ii. Survey & vetting of Design of Sewerage Network has been completed and laying of Sewer Network is in progress (length completed 33.5 km).</p> <p>ii. Survey completed and Design of 7 No. IPSs are awaited from contractor.</p> <p>iii 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.</p> <p>iv. Process and structural design of 8 MLD STP Zone 1 was got vetted from MIIT Jaipur. Layout plan of 8 MLD STP has been started by the contractor at site. Shifting of utilities by PHE & PDD has also been started at STP site.</p> <p>vi. Process design of 4 MLD STP Zone II and 1.6 MLD Zone III has been submitted to MIIT Jaipur for vetting.</p> <p>The total cost of the project is Rs. 186.74 Cr. out of which Rs. 30.85 Cr. has been utilized.</p>
	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	<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>	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	-
6	Progress report may be furnished by the States/UTs to	Monthly (preferably	-

	<ul style="list-style-type: none"> Secretary, Ministry of Jal Shakti Member Secretary, CPCB 	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,</p>	<p>Monthly basis Monitoring of river Devika polluted stretch at NWMP sanctioned location Near Shiv Mandir (Stn code2754)</p> <p>-</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. 3No STP of capacity 8 MLD, 4 MLD& 1.60 MLD have been proposed. <p>Proposed ETP (Cap.75KLD) by Govt. District Hospital, Udhampur</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 (Mar.2020-Aug.2020) are:- <table border="1"> <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>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">June-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">July-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>170</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> <tr> <td rowspan="3">Aug -20</td> <td>4.8</td> <td>24</td> <td>7.60</td> <td>192</td> <td>240</td> </tr> <tr> <td>0.9</td> <td>3.1</td> <td>7.5</td> <td>170</td> <td>200</td> </tr> <tr> <td>0.5</td> <td>1.7</td> <td>7.4</td> <td>160</td> <td>190</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>	Month	BOD	COD	pH	Hardness	Alkalinity	Mar.20	3.0	15	7.30	210	300	Apr.20	Monitoring not conducted due to lockdown					May20	Monitoring not conducted due to lockdown					June-20	3.5	11	7.30	180	280	0.7	3.0	7.85	160	196	0.3	0.5	8.0	140	188	July-20	3.8	14	7.56	200	264	0.9	3.1	7.85	170	216	0.5	1.8	8.10	156	208	Aug -20	4.8	24	7.60	192	240	0.9	3.1	7.5	170	200	0.5	1.7	7.4	160	190
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	ashrams, etc.		
(vii)	Ground water regulation	-	Information pertaining to points (vii) to (xi) to be given by Jal Shakti Dept., (conveyed vide Forest Department OM No. FST/Lit/135/2018-I dated 28.08.2020) not received till date
(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.	Forest Deptt	Catchment Area Treatment and afforestation in 100 hectares of area to be done by Forest Deptt. J&K under CAMPA has been initiated. A part of NRCD Project sanctioned, HUDD to provide information.
(xiii)	Setting up biodiversity parks on flood plains by removing encroachment	A part of NRCD Project	

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Polluted River Stretch: Banganga

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

S.N o.	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 and technical evaluation is under process.
	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	DPR amounting to Rs. 100.34 cr submitted to Jal Shakti Department New Delhi vide this office NO. CE/UEED/CJ/TS/1018-27 dated 31.08.2020.
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	
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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 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 under NRCP. Proposed By (SMVD): <ol style="list-style-type: none"> STP- at Bhawan (Cap. 3.2MLD) require Up-gradation. Proposed by SMVDB STP at AdhKumari Proposed by SMVD.

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Polluted River Stretch: Tawi

Revised 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 August 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	1. Tender for in-situ Bioremediation floated and technical evaluation under process.
	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"> 1. 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 12845 house connections are envisaged to be provide out of which about 6076 stands already installed and balance work is in progress. 2. 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 Baskshi Nagar & New Plot to Janipur Colony. About 34000 No house sewer connections covering approx. 14000 households have been provided. The sewage is being transported to (30 MLD of ERA and 27 MLD of NBCC) at Bhagwati Nagar. 3. On left Bank of river Tawi, sewerage network of 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 Warehouse inhabitants. 4. 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. 5. 10 MLD STP for interception and diversion of 13 No Nallahs on right bank of Tawi. DPR amounting to Rs. 43.50 cr prepared and submitted to Development Commissioner, Works (J&K) vide this office No. CE/UEED/CJ/TS/1131-36 dated 07.09.2020.
2	Timeline for completing all steps of action plans including completion of setting up STPs and their commissioning	31.03.2021	<p>a):--Three STPs at Bhagwati nagar</p> <p>i: 10.0 MLD, under refurbishment. LOI issued on 03.09.2020 and work shall be completed 4 months after date of allotment order.</p> <p>ii: 30.0MLD, operational but Under-load</p> <p>iii: 27.0 MLD, under testing.</p>

			<p>b):- STP at Belicharana for 5 nallahs along river Tawiv(D/S) LHS, Cap.4.00 MLD under progress under AMRUT.</p> <p>c):-Septage treatment plant at Bhagwatiagar (Cap.164 KLD) completed and is running on trial basis.</p> <p>d) 10 MLD STP for interception and diversion of 13 No Nallahs on right Bank of Tawi. DPR amounting to Rs. 43.50 cr. submitted to Development Commissioner Works (J&K) vide this office No. CE/UEED/CJ/TS/1131-36 dated 07.09.2020.</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>
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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</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>-</p> <p>By HUDD/JMC:- i):-Land acquired by JMC at Kot-Bhalwal for Scientific disposal of 380MT/D(app.) MSW . ii):-Bio-remedation of dumped MSW at old dumping site at the bank of River Tawi.</p>

	<p>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>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>r</p> <p>1 Km D/s below STP discharge point at Bhagwatinagar (4055)</p>	<p>Water quality monitoring conducted under NWMP sanctioned three location on the polluted stretch having results for main parameters in last six months (Mar. 2020-Aug 2020) are:-</p> <table border="1" data-bbox="815 286 1401 1144"> <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">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="4">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 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="4">June-2020 (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 rowspan="4">July-2020 (2744,45,46,47 & 4055)</td> <td>4.5</td> <td>18</td> <td>8.10</td> <td>90</td> <td>120</td> </tr> <tr> <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 rowspan="4">Aug.-2020 (2744,45,46,47 & 4055)</td> <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> <tr> <td>3.3</td> <td>11</td> <td>8.25</td> <td>136</td> <td>140</td> </tr> <tr> <td>6.0</td> <td>30</td> <td>8.45</td> <td>166</td> <td>180</td> </tr> <tr> <td rowspan="3"></td> <td>0.9</td> <td>2.8</td> <td>8.20</td> <td>112</td> <td>128</td> </tr> <tr> <td>0.8</td> <td>2.4</td> <td>8.15</td> <td>108</td> <td>120</td> </tr> <tr> <td>4.5</td> <td>19</td> <td>8.40</td> <td>170</td> <td>188</td> </tr> </tbody> </table>	Month	BOD	COD	pH	Hardness	Alkalinity	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	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	June-2020 (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	July-2020 (2744,45,46,47 & 4055)	4.5	18	8.10	90	120	3.0	14	8.20	116	120	6.2	25	8.25	124	132	0.9	1.6	8.20	120	128	Aug.-2020 (2744,45,46,47 & 4055)	0.9	1.7	8.15	116	124	4.7	20	8.20	130	140	3.3	11	8.25	136	140	6.0	30	8.45	166	180		0.9	2.8	8.20	112	128	0.8	2.4	8.15	108	120	4.5	19	8.40	170	188
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	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																																																																																																																																																												
June-2020 (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																																																																																																																																																												
July-2020 (2744,45,46,47 & 4055)	4.5	18	8.10	90	120																																																																																																																																																												
	3.0	14	8.20	116	120																																																																																																																																																												
	6.2	25	8.25	124	132																																																																																																																																																												
	0.9	1.6	8.20	120	128																																																																																																																																																												
Aug.-2020 (2744,45,46,47 & 4055)	0.9	1.7	8.15	116	124																																																																																																																																																												
	4.7	20	8.20	130	140																																																																																																																																																												
	3.3	11	8.25	136	140																																																																																																																																																												
	6.0	30	8.45	166	180																																																																																																																																																												
	0.9	2.8	8.20	112	128																																																																																																																																																												
	0.8	2.4	8.15	108	120																																																																																																																																																												
	4.5	19	8.40	170	188																																																																																																																																																												
	<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>-</p> <p>-</p> <p>-</p> <p>-</p> <p>-</p>	<p>-</p> <p>Information pertaining to points (vii) to (xi) to be given by Jal Shakti Dept., (conveyed vide Forest Department OM No. FST/Lit/135/2018-I dated 28.08.2020) not received till date</p> <p>Catchment Area Treatment and afforestation in 200 hectares of area proposed. 23,000 plants planted by Forest Deptt. J&K under CAMPA has been initiated.</p>																																																																																																																																																														

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

Polluted River Stretch: Basantar

Revised 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 August 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 and technical evaluation under process.
	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	DPR amounting to Rs. 74.93 cr submitted to Development Commissioner, Works (J&K) vide this office No. CE/UEED/CJ/TS/1131-36 dated 07.09.2020.
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 <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	-
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 		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>STP 3.5 MLD capacity proposed</p>

	<p>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>May, 2000 Aug. 2020 Aug. 2020 Aug. 2020</p> <p>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>-</p> <p>-</p> <p>-</p> <p>-</p> <p>-</p> <p>-</p> <p>-</p> <p>-</p>	<p>By SIDCO: CETP Cap 1.0 MLD proposed 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.E. Ghatti- completed (non-operational due to lack of effluent) Note: Works resumed but progress slow due to lock down 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 (Mar.2020-Aug.2020), are:-</p> <table border="1" data-bbox="882 952 1417 1227"> <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>Mar.20</td> <td>1.5</td> <td>5.3</td> <td>8.7 0</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>June-20</td> <td>2.2</td> <td>5.2</td> <td>8.20</td> <td>142</td> <td>164</td> </tr> <tr> <td>July-20</td> <td>2.4</td> <td>16</td> <td>8.55</td> <td>160</td> <td>176</td> </tr> <tr> <td>Aug.-20</td> <td>2.0</td> <td>8.0</td> <td>8.60</td> <td>180</td> <td>200</td> </tr> </tbody> </table> <p>The department is effectively taking all the measures of disposal of the waste.</p> <p>Information pertaining to points (vii) to (xi) to be given by Jal Shakti Dept., (conveyed vide Forest Department OM No. FST/Lit/135/2018-I dated 28.08.2020) not received till date</p> <p>Catchment Area Treatment and afforestation in 100 hectares of area proposed. 3200 plants have been planted by Forest Deptt. J&K under CAMPA</p>	Month	BOD	COD	pH	Hardness	Alkalinity	Mar.20	1.5	5.3	8.7 0	180	188	Apr.20	Monitoring not conducted due to lockdown					May20	Monitoring not conducted due to lockdown					June-20	2.2	5.2	8.20	142	164	July-20	2.4	16	8.55	160	176	Aug.-20	2.0	8.0	8.60	180	200
Month	BOD	COD	pH	Hardness	Alkalinity																																								
Mar.20	1.5	5.3	8.7 0	180	188																																								
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UNION TERRITORY OF JAMMU AND KASHMIR
Department of Forest, Ecology & Environment.

Polluted River Stretch: Chenab

Revised 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 August 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 and technical evaluation under process
	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	DPR amounting to Rs. 131.57 cr submitted to Development Commissioner Works (J&K) vide this office NO. EC/UEED/CJ/TS/1171-36 dated 07.09.2020.
2	Timeline for completing all steps of action plans including completion of setting up STPs and their commissioning	31.03.2021	HUDD Dept. STP, 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 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	-
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 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.

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Polluted River Stretch: Chunt Kol

Revised 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 August 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 and shall be opened shortly, Cost of project 41.57 cr submitted to Development Commissioner Works (J&K) Govt. For technical vetting vide No. CE/WEED/PS/75-78 dated 04.09.2020.
	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	HUDD Dept./SMC/LAWDA Two STPs (Cap. 5.0MLD each) 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 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	-
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 	-	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. Interception of all sewer drains. Demolition of lavatories constructed at the bank of Chunt-Kol.

	<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>-</p> <p>-</p> <p>-</p> <p>Monthly basis Monitoring at NWMP sanctioned; location by SPCB at:- Chuntkol (1307)</p> <p>-</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.</p> <p>Water quality monitoring conducted under NWMP sanctioned one location on the polluted stretch having results for main parameters in last six months (Mar. 2020-Aug 2020) are:-</p> <table border="1" data-bbox="959 875 1390 1155"> <thead> <tr> <th>Month</th> <th>BOD</th> <th>COD</th> <th>pH</th> <th>DO</th> </tr> </thead> <tbody> <tr> <td>Mar.20</td> <td>5.7</td> <td>49.8</td> <td>7.0</td> <td>1.2</td> </tr> <tr> <td>Apr.20</td> <td colspan="4">Monitoring not conducted due to lockdown</td> </tr> <tr> <td>May20</td> <td>5.6</td> <td>40.98</td> <td>7.50</td> <td>1.5</td> </tr> <tr> <td>June-20</td> <td>2.5</td> <td>34.80</td> <td>7.45</td> <td>5.3</td> </tr> <tr> <td>July-20</td> <td>4.3</td> <td>48.6</td> <td>7.13</td> <td>5.5</td> </tr> <tr> <td>Aug.-20</td> <td>6.8</td> <td>66.6</td> <td>7.26</td> <td>2.1</td> </tr> </tbody> </table> <p>Awaited information from HUDD</p> <p>Information pertaining to points (vii) to (xi) to be given by Jal Shakti Dept., (conveyed vide Forest Department OM No. FST/Lit/135/2018-I dated 28.08.2020) not received till date</p> <p>-</p> <p>-</p> <p>Catchment Area Treatment and afforestation proposed by Forest Deptt. J&K under CAMPA has been initiated.</p> <p>-</p>	Month	BOD	COD	pH	DO	Mar.20	5.7	49.8	7.0	1.2	Apr.20	Monitoring not conducted due to lockdown				May20	5.6	40.98	7.50	1.5	June-20	2.5	34.80	7.45	5.3	July-20	4.3	48.6	7.13	5.5	Aug.-20	6.8	66.6	7.26	2.1
Month	BOD	COD	pH	DO																																		
Mar.20	5.7	49.8	7.0	1.2																																		
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Department of Forest, Ecology & Environment

Polluted River Stretch: Gawkadal

Revised 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 August 2020.

River	Town	Polluted River Stretch	Priority
Gawkadal	Srinagar	Gawkadal Bridge to Nowhata (12 Km)	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 in-situ Bioremediation floated and shall be opened shortly. Cost a project 26.47 cr submitted to Development Commissioner Works (J&K) for technical vetting vide No. CE/UEED/PS/75-78 dated 04.09.2020.
	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	HUDD Dept./SMC/LAWDA One STP (Cap.3.5 MLD) proposed for Sewage from Gawkadal to Nowhata
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	-
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 	-	As per approved Action Plan for restoration of water quality of polluted stretch of River Gawkadal from Gawkadal Bridge to Nowhatta (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. Unabated disposal of Municipal Solid Waste. Dumping of Construction and Demolition wastes. Pollution from minor/major establishments. Interception of all sewer drains. Demolition of lavatories constructed at the bank of river from Gawkadal to Nowhatta.

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Polluted River Stretch: Jhelum (Chattabal Weir to Anantnag)

Revised 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 **August 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 and shall be opened shortly. DPR under preparation by the consultant survey in progress. However cost of PFR was Rs. 186.00 cr.
	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	a) 1 STP (4MLD) 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 i) Awantipora Town = 1.6 MLD ii) 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	-
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.

	<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</p> <p>iii) Bijbehara</p> <p>iv) Sangam U/S (3273)</p> <p>v) SangamD/S</p> <p>vi) Awantipora (3274)</p> <p>vii) Pampore (3275)</p> <p>viii) Panthachowk</p> <p>ix) Pandarathan</p> <p>x) Zero Bridge (1410)</p> <p>xi) Chattabal Weir (1411)</p>	<ul style="list-style-type: none"> • Unabated disposal of Municipal Solid Waste. • 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>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 (Mar. 2020-Aug 2020) are:-</p> <table border="1" data-bbox="959 1137 1409 2078"> <thead> <tr> <th>Month</th> <th>BOD</th> <th>COD</th> <th>pH</th> <th>DO</th> </tr> </thead> <tbody> <tr> <td rowspan="10">Mar.20</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>1.80</td> <td>21.0</td> <td>7.19</td> <td>5.8</td> </tr> <tr> <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 rowspan="10">May20</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>2.3</td> <td>16.39</td> <td>7.26</td> <td>7.7</td> </tr> <tr> <td>3.2</td> <td>16.39</td> <td>7.29</td> <td>7.7</td> </tr> <tr> <td>2.1</td> <td>16.39</td> <td>7.30</td> <td>6.4</td> </tr> <tr> <td>2.0</td> <td>24.58</td> <td>8.8</td> <td>6.0</td> </tr> <tr> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td rowspan="2">June-20</td> <td>1.9</td> <td>24.9</td> <td>7.38</td> <td>8.5</td> </tr> <tr> <td>2.5</td> <td>26.5</td> <td>7.47</td> <td>7.50</td> </tr> </tbody> </table>	Month	BOD	COD	pH	DO	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.3	16.39	7.26	7.7	3.2	16.39	7.29	7.7	2.1	16.39	7.30	6.4	2.0	24.58	8.8	6.0	-	-	-	-	June-20	1.9	24.9	7.38	8.5	2.5	26.5	7.47	7.50
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UNION TERRITORY OF JAMMU AND KASHMIR
Department of Forest, Ecology & Environment

Polluted River Stretch: Sindh (Ganderbal)

Revised 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 August 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 and shall be opened shortly. DPR under process shall be submitted by 25 th September, Survey work completed. However cost of PFR was Rs. 58.26 cr.
	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	HUDD Dept. Proposed STP (Cap.4.0MLD)
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	-
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> 	-	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>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>-</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>-</p>	<p>-</p> <p>HUDD To identify suitable land for MSW disposal.</p> <p>Water quality monitoring conducted under NWMP sanctioned one location on the polluted stretch having results for main parameters in last six months (Mar. 2020-Aug 2020) are:-</p> <table border="1" data-bbox="959 667 1393 992"> <thead> <tr> <th>Month</th> <th>BOD</th> <th>COD</th> <th>pH</th> <th>DO</th> </tr> </thead> <tbody> <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>June-.20</td> <td>1.0</td> <td>11.2</td> <td>7.38</td> <td>6.8</td> </tr> <tr> <td>July-.20</td> <td>1.0</td> <td>10.8</td> <td>7.57</td> <td>7.8</td> </tr> <tr> <td>Aug-.20</td> <td>1.4</td> <td>17.0</td> <td>7.62</td> <td>6.7</td> </tr> </tbody> </table> <p>Information awaited from H&UDD</p> <p>Information pertaining to points (vii) to (xi) to be given by Jal Shakti Dept., (conveyed vide Forest Department OM No. FST/Lit/135/2018-I dated 28.08.2020) not received till date--</p> <p>Catchment Area Treatment and afforestation proposed for 34 hectares of area by Forest Deptt. J&K under CAMPA has been initiated.</p> <p>-</p>	Month	BOD	COD	pH	DO	Mar.20	Monitoring not conducted due to lockdown				Apr.20	Monitoring not conducted due to lockdown				May20	Monitoring not conducted due to lockdown				June-.20	1.0	11.2	7.38	6.8	July-.20	1.0	10.8	7.57	7.8	Aug-.20	1.4	17.0	7.62	6.7
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