



Government of Jammu and Kashmir,  
Forest, Ecology & Environment Department  
Civil Secretariat, Jammu/Srinagar

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

No.FST-Lit/153/2021(86879)

Dated.05-09-2023

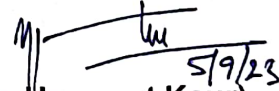
Subject: 17<sup>th</sup> Meeting of Central Monitoring Committee in the NGT Matter OA  
No.673 of 2018.

Sir,

I am directed to refer your letter No.Legal/OA673/2018/NMCG/2019 dated 24.08.2023, regarding the subject cited above, and to forward herewith a copy of Monthly Progress Report (as per revised format), as per inputs received from J&K Pollution Control Committee, in respect of Union Territory of J&K, for the month of August, 2023 for favour of information and further necessary action.

Further, the inputs from Housing & Urban Development Department (Urban Local Bodies, Municipal Corporations and UEED) and Jal Shakti Department are awaited and shall be conveyed as soon as received.

Yours faithfully,

  
(Dr. Harpreet Kaur)

Special Secretary (Technical)

Encls:As above.

Copy along with enclosure to the:-

1. Member Secretary, Central Pollution Control Board, New Delhi.
2. PS to Financial Commissioner (ACS), Jal Shakti Department, J&K.
3. PS to Principal Secretary to Government, Housing & Urban Development Department, J&K.

Revised format for submission of Monthly Progress Report in the NGT Matter of OA  
No. 673 of 2018 (in compliance to Hon'ble NGT Order dated 24.09.2020)

For the month of August -2023

For the Union Territory of Jammu & Kashmir

Overall status of the UT:

I. Total Population : Urban Population & Rural Population separately (**projected 2020**)

- a) Urban Population = 48.43 lac.
- b) Rural Population = 101.57 lac.

II. Estimated Sewage Generation (MLD):

- a) Urban @ 108 lpcd=523 MLD
- b) Rural @ 44 lpcd= 447 MLD.

III. Details of Sewage Treatment Plant : Details awaited from H&UDD

- Existing no. of STPs and Treatment Capacity in (MLD):
- Capacity Utilization of existing STPs:
- MLD of sewage being treated through Alternate technology:
- Gap in Treatment Capacity in MLD:
- Sewage treated through in-situ technology (Septic tanks/Soakage Pits/FSTPs):
- Actual Gap:
- Projects under construction:
- No. of Operational STPs:
- No. of Complying STPs:
- No. of Non-complying STPs:
- (A) Details of each existing STP in the UT of J&K — Details awaited from H&UDD
- (B) Details of under construction STPs in the UT of J&K – Details awaited from H&UDD
- (C) Details of Proposed STPs in the UT of J&K – Details awaited from H&UDD

IV. Details of Industrial Pollution:-

| Status of ETPs as per Field Report |       |                                                                       |                                          |                                          |                                                           |                                                                                         |
|------------------------------------|-------|-----------------------------------------------------------------------|------------------------------------------|------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------------------------------------|
| No. of Industries in the UT of J&K |       | Total No. of Water Polluting Industries in the UT of J&K require ETPs | No. of Industries having Functional ETPs | No. of Industries operating without ETPs | Quantity of Effluent generated from the Industries in MLD | Remarks                                                                                 |
| Jammu                              | 4746  | 191                                                                   | 189                                      | 2                                        | 14.597                                                    | (2) notices issued                                                                      |
| Kashmir                            | 5554  | 104                                                                   | 67                                       | 37                                       | 1.943                                                     | (17) closure orders issued.<br>(6) closure proceedings initiated.<br>(14) notice issued |
| Total                              | 10300 | 295                                                                   | 256                                      | 39                                       | 16.54*                                                    |                                                                                         |

\*#(Data of quantity of effluent generated from the industries is reconciled)

- Status of the CETPs Existing and Proposed :

| Status of CETPs |                    |          | Total |
|-----------------|--------------------|----------|-------|
| Existing        | Under Construction | Proposed |       |

|                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                         |                                                                                                        |           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|-----------|
| a) Phase I SIDCO IGC, Samba = 1 MLD<br>b) Phase II SIDCO IGC, Samba = 1 MLD<br>c) Phase II SIDCO IGC, Samba = 0.5 MLD<br>d) Phase III SIDCO IGC, Samba = 0.5 MLD                                                                                                                                 | a) Industrial Estate, Digiana, Jammu = 0.1 MLD.<br>b) Back side of M/s Sudhir Gensets, SIDCO Complex, Bari Brahmana = 1.5 MLD<br>c) EPIP SIDCO, Bari Brahmana = 0.5 MLD |                                                                                                        |           |
| a) Industrial Area Ghatti Tehsil and District Kathua (Installed by not commissioned as yet) = 0.45 MLD                                                                                                                                                                                           | a) SICOP CETP IID Central Batal Ballian, Udhampur = 0.5 MLD<br>b) SICOP CETP IID Centre Batal Ballian, Udhampur = 0.5 MLD                                               |                                                                                                        |           |
| a) IGC Lassipora Pulwama = 600 KLD<br>b) IGC Lassipora Pulwama = 500 KLD<br>c) I E Khunmoh Srinagar = 500 KLD<br>d) I E Khrew Pulwama = 50 KLD<br>e) I E Wuyan Pulwama = 500 KLD<br>f) I E Bagi Ali Mardan (Srinagar)= 500 KLD<br>g) I E Chotipora Kupwara = 50 KLD<br>h) I E Ganderbal = 10 KLD | a) I.E Rangreth Budgah = 1000 KLD                                                                                                                                       | a) I E Radbugh, Kupwara =10KLD<br>b) I E Branwari Kupwara = 10 KLD<br>c) I E Branwari Kupwara = 10 KLD |           |
| <b>13</b>                                                                                                                                                                                                                                                                                        | <b>6</b>                                                                                                                                                                | <b>3</b>                                                                                               | <b>22</b> |

**V. Solid Waste Management: Details awaited from H&UDD**

| <b>Solid Waste Management</b>                                                                                                                                                                                                                                                                                                                                                                          |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <ul style="list-style-type: none"> <li>Total Number of Urban and Local Bodies and their Population.</li> </ul>                                                                                                                                                                                                                                                                                         |  |
| <ul style="list-style-type: none"> <li>Current Municipal Solid Waste Generation</li> </ul>                                                                                                                                                                                                                                                                                                             |  |
| <ul style="list-style-type: none"> <li>Number, installed capacity and utilization of existing MSW processing facilities in TPD (bifurcated by type of processing eg- <ul style="list-style-type: none"> <li>i. Waste to Energy (Tonnage and Power Output),</li> <li>ii. Compost Plants (Windrow, Vermi, decentralized pit composting),</li> <li>iii. Bio-methanatiuon, MRF etc.</li> </ul> </li> </ul> |  |
| <ul style="list-style-type: none"> <li>Action plan to bridge gap between Installed Capacity and Current Utilization of processing facilities (if Gap &gt; 20%)</li> </ul>                                                                                                                                                                                                                              |  |

|                                                                                                                                                 |  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| No. and capacity of C&D waste processing plants in TPD (existing, proposed and under construction)                                              |  |  |
| <b>Total no. of wards,</b>                                                                                                                      |  |  |
| no. of wards having door to door collection                                                                                                     |  |  |
| no. of wards practicing segregation at source                                                                                                   |  |  |
| Details of MSW treatment facilities proposed and under construction (no., capacity, and technology)                                             |  |  |
| No. and area (in acres) of uncontrolled garbage dumpsites and Sanitary Landfills.                                                               |  |  |
| No. and area (in acres) of legacy waste within 1km buffer of both side of the rivers                                                            |  |  |
| No. of drains falling into rivers and no. of drains having floating racks/screens installed to prevent solid waste from falling into the rivers |  |  |
| MSW Management ULB                                                                                                                              |  |  |
| Total MSW generation in TPD                                                                                                                     |  |  |
| Total MSW being processed in TPD                                                                                                                |  |  |
| Existing MSW facilities<br>Utilization Capacity of the existing MSW facilities<br>Proposed MSW Facilities & Completion Timeline                 |  |  |

#### VI. **Bio-medical Waste Management:**

- Total Bio-medical generation:

a) Jammu = 1748.78 Kg/day as per Annual Report 2022

b) Kashmir = 6902.64 Kg/day as per Annual Report 2022

Total = 8651.42 Kg / day

#### **Covid-19 Bio-medical waste for the month of August-2023:**

a) Jammu = 0.00 kg/Month

b) Kashmir = 0.00 Kg/Month

- **No. of Hospitals and Health Care Facilities:**

a) Jammu = 4024

b) Kashmir = 3647

**Total = 7671**

- **Status of Treatment Facility/ CBMWTF: 3 Operational Facilities** with PCDs, OCEMS installed in two facility
  - a) M/s Anmol Health Care, Jammu (OCEMS not installed).
  - b) M/s Kashmir Health Care System, Kashmir.
  - c) M/s Clean City Waste Management, Kashmir (OCEMS not installed)

## VII. Hazardous Waste Management:

- Total Hazardous Waste generation:
  - a) Jammu = **1182.3434** MT / Annum.
  - b) Kashmir = **170.00** MT/Annum.
  - Total = 1352.3434 MT/Annum**
- No. of Industries generating Hazardous waste :
  - a) Jammu = 231
  - b) Kashmir=11
  - Total = 242**
- Avg. Quantity of Hazardous waste reaching the TSDFs and Treated:
  - a) Hazardous waste is being disposed off through TSDFs located outside I&K, by J&K PCC M/s Bharat Oil and Waste Management Ltd, Kanpur Dehat (UP) authorized by JKPCC.
  - b) Hazardous waste is disposed off in TSDFs namely M/s Ramasethu Infrastructure Pvt. Ltd. located at IGC Samba, J&K.

## VIII. Plastic Waste Management:-

- Total Annual Plastic Waste generation in J&K =**34384** MT/Annum (app.), with monthly average of **2865** MT (app.)
- Seizure done (**August-2023**)
  - a) Polythene = 2213.21 Kg
  - b) SUP = 631.16 Kg
  - Total = 2844.37 Kg**
- Treatment/Measures adopted for reduction or management of plastic waste:
  - a) Regular seizure of illegal polythene and banned SUP by Anti-Polythene Squad.
  - b) Using seized polythene in overlaying of roads.
  - c) Using seized polythene in cement kilns along with conventional fuels.

## IX. Details of Alternate Treatment Technology being adopted by the State/UT : Details of Septage Treatment Plants commissioned as Alternate Treatment Technology:

- a) Bhagwati Nagar Jammu =**164** KLD
- b) Anantnag =**62**KLD
- c) Alluchi Bagh =**164** KLD
- d) Achan =**130** KLD

## X. Identification of polluting sources including drains contributing to river pollution and action as per NGT order on insitu treatment:- Details awaited from H&UDD

## XI. Details of Nodal Officer appointed by Chief Secretary in the State/UT: -

## XII. Details of meetings carried under the Chairmanship of Chief Secretary in the State/UT: -

## XIII. Latest water quality of polluted river, its tributaries, drains with flow details and ground waterquality in the catchment of polluted river; -

No. of Polluted River Stretches in Jammu and Kashmir =09

a) No. of Polluted River Stretches in Jammu = 05

b) No. of Polluted River Stretches in Srinagar = 04

Water Quality Status of Polluted Rivers (09) during the month of August-2023

| S.No | Polluted River Stretch | Water Quality Analysis August, 2023 | Ground Water Quality in catchment area |
|------|------------------------|-------------------------------------|----------------------------------------|
| 1.   | River Devak            |                                     | NA                                     |

|                                                                            | Udhampur                               | <table><tr><th>NWMP Monitoring Sites with Sanctioned Station Code</th><th>BOD (mg/l)<br/>&lt;2.0 (mg/l)</th><th>COD</th><th>pH (6.5-8.5)</th><th>DO &gt; 5.0 (mg/l)</th><th>Coliformcount after 24 Hrs. (CFU/100 ml (500))</th></tr><tr><td>a) Near Shiv Mandir, Udhampur (Stncode 2754)</td><td>2.8</td><td>14.3</td><td>8.00</td><td>4.8</td><td>2200</td></tr><tr><td>b) About 2 Km (D/S) Shiv Mandir (Stn. Code 4062)</td><td>1.5</td><td>7.5</td><td>7.80</td><td>6.9</td><td>1200</td></tr><tr><td>c) About 10 Km (D/S Shiv Mandir (Stn. Code:4063)</td><td>1.2</td><td>5.4</td><td>7.60</td><td>7.1</td><td>1100</td></tr></table>                                                                                                                                         | NWMP Monitoring Sites with Sanctioned Station Code | BOD (mg/l)<br><2.0 (mg/l) | COD                                              | pH (6.5-8.5) | DO > 5.0 (mg/l) | Coliformcount after 24 Hrs. (CFU/100 ml (500))   | a) Near Shiv Mandir, Udhampur (Stncode 2754) | 2.8 | 14.3 | 8.00 | 4.8 | 2200 | b) About 2 Km (D/S) Shiv Mandir (Stn. Code 4062) | 1.5 | 7.5  | 7.80 | 6.9 | 1200 | c) About 10 Km (D/S Shiv Mandir (Stn. Code:4063) | 1.2  | 5.4  | 7.60 | 7.1 | 1100 |                   |      |      |      |     |      |                                                                            |   |   |   |   |   |    |
|----------------------------------------------------------------------------|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|---------------------------|--------------------------------------------------|--------------|-----------------|--------------------------------------------------|----------------------------------------------|-----|------|------|-----|------|--------------------------------------------------|-----|------|------|-----|------|--------------------------------------------------|------|------|------|-----|------|-------------------|------|------|------|-----|------|----------------------------------------------------------------------------|---|---|---|---|---|----|
| NWMP Monitoring Sites with Sanctioned Station Code                         | BOD (mg/l)<br><2.0 (mg/l)              | COD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | pH (6.5-8.5)                                       | DO > 5.0 (mg/l)           | Coliformcount after 24 Hrs. (CFU/100 ml (500))   |              |                 |                                                  |                                              |     |      |      |     |      |                                                  |     |      |      |     |      |                                                  |      |      |      |     |      |                   |      |      |      |     |      |                                                                            |   |   |   |   |   |    |
| a) Near Shiv Mandir, Udhampur (Stncode 2754)                               | 2.8                                    | 14.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 8.00                                               | 4.8                       | 2200                                             |              |                 |                                                  |                                              |     |      |      |     |      |                                                  |     |      |      |     |      |                                                  |      |      |      |     |      |                   |      |      |      |     |      |                                                                            |   |   |   |   |   |    |
| b) About 2 Km (D/S) Shiv Mandir (Stn. Code 4062)                           | 1.5                                    | 7.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 7.80                                               | 6.9                       | 1200                                             |              |                 |                                                  |                                              |     |      |      |     |      |                                                  |     |      |      |     |      |                                                  |      |      |      |     |      |                   |      |      |      |     |      |                                                                            |   |   |   |   |   |    |
| c) About 10 Km (D/S Shiv Mandir (Stn. Code:4063)                           | 1.2                                    | 5.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 7.60                                               | 7.1                       | 1100                                             |              |                 |                                                  |                                              |     |      |      |     |      |                                                  |     |      |      |     |      |                                                  |      |      |      |     |      |                   |      |      |      |     |      |                                                                            |   |   |   |   |   |    |
| 2.                                                                         | Banganga, Holy Stream, Katra           | <table><tr><th>NWMP Monitoring Sites</th><th>BOD &lt;2.0 (mg/l)</th><th>COD</th><th>pH (6.5-8.5)</th><th>DO &gt; 5.0 (mg/l)</th><th>Coliform count after 24 Hrs. (CFU/100 ml (500))</th></tr><tr><td>a) Bathing Ghat Katra (Stn. Code 2755</td><td>2.7</td><td>13.6</td><td>8.50</td><td>2.6</td><td>2000</td></tr><tr><td>b) In front of pony shed (Stn. Code 2756)</td><td>2.1</td><td>11.0</td><td>8.40</td><td>3.8</td><td>1200</td></tr></table>                                                                                                                                                                                                                                                                                                                             | NWMP Monitoring Sites                              | BOD <2.0 (mg/l)           | COD                                              | pH (6.5-8.5) | DO > 5.0 (mg/l) | Coliform count after 24 Hrs. (CFU/100 ml (500))  | a) Bathing Ghat Katra (Stn. Code 2755        | 2.7 | 13.6 | 8.50 | 2.6 | 2000 | b) In front of pony shed (Stn. Code 2756)        | 2.1 | 11.0 | 8.40 | 3.8 | 1200 |                                                  |      |      |      |     |      |                   |      |      |      |     |      |                                                                            |   |   |   |   |   |    |
| NWMP Monitoring Sites                                                      | BOD <2.0 (mg/l)                        | COD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | pH (6.5-8.5)                                       | DO > 5.0 (mg/l)           | Coliform count after 24 Hrs. (CFU/100 ml (500))  |              |                 |                                                  |                                              |     |      |      |     |      |                                                  |     |      |      |     |      |                                                  |      |      |      |     |      |                   |      |      |      |     |      |                                                                            |   |   |   |   |   |    |
| a) Bathing Ghat Katra (Stn. Code 2755                                      | 2.7                                    | 13.6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 8.50                                               | 2.6                       | 2000                                             |              |                 |                                                  |                                              |     |      |      |     |      |                                                  |     |      |      |     |      |                                                  |      |      |      |     |      |                   |      |      |      |     |      |                                                                            |   |   |   |   |   |    |
| b) In front of pony shed (Stn. Code 2756)                                  | 2.1                                    | 11.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 8.40                                               | 3.8                       | 1200                                             |              |                 |                                                  |                                              |     |      |      |     |      |                                                  |     |      |      |     |      |                                                  |      |      |      |     |      |                   |      |      |      |     |      |                                                                            |   |   |   |   |   |    |
| 3.                                                                         | River Tawi Jammu                       | <table><tr><th>NWMP Monitoring Sites/ Station Code</th><th>BOD &lt;2.0 (mg/l)</th><th>COD</th><th>pH (6.5-8.5)</th><th>DO &gt; 5.0 (mg/l)</th><th>Coliforms count after 24 Hrs. (CFU/100 ml (500))</th></tr><tr><td>i. Below Tawi Bridge-2744</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>ii. Bhagwati Nagar-2745</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>iii. Beli Charana-2746</td><td>&lt;1.0</td><td>&lt;1.2</td><td>8.45</td><td>7.0</td><td>1500</td></tr><tr><td>iv. Surajpur-2747</td><td>&lt;1.0</td><td>&lt;1.1</td><td>8.25</td><td>6.9</td><td>1300</td></tr><tr><td>v. Bhagwatinagar, 1 Km, D/S below STP discharge point at Bhagwati Ngr-4055</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td></tr></table> | NWMP Monitoring Sites/ Station Code                | BOD <2.0 (mg/l)           | COD                                              | pH (6.5-8.5) | DO > 5.0 (mg/l) | Coliforms count after 24 Hrs. (CFU/100 ml (500)) | i. Below Tawi Bridge-2744                    | -   | -    | -    | -   | -    | ii. Bhagwati Nagar-2745                          | -   | -    | -    | -   | -    | iii. Beli Charana-2746                           | <1.0 | <1.2 | 8.45 | 7.0 | 1500 | iv. Surajpur-2747 | <1.0 | <1.1 | 8.25 | 6.9 | 1300 | v. Bhagwatinagar, 1 Km, D/S below STP discharge point at Bhagwati Ngr-4055 | - | - | - | - | - | NA |
| NWMP Monitoring Sites/ Station Code                                        | BOD <2.0 (mg/l)                        | COD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | pH (6.5-8.5)                                       | DO > 5.0 (mg/l)           | Coliforms count after 24 Hrs. (CFU/100 ml (500)) |              |                 |                                                  |                                              |     |      |      |     |      |                                                  |     |      |      |     |      |                                                  |      |      |      |     |      |                   |      |      |      |     |      |                                                                            |   |   |   |   |   |    |
| i. Below Tawi Bridge-2744                                                  | -                                      | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                                  | -                         | -                                                |              |                 |                                                  |                                              |     |      |      |     |      |                                                  |     |      |      |     |      |                                                  |      |      |      |     |      |                   |      |      |      |     |      |                                                                            |   |   |   |   |   |    |
| ii. Bhagwati Nagar-2745                                                    | -                                      | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                                  | -                         | -                                                |              |                 |                                                  |                                              |     |      |      |     |      |                                                  |     |      |      |     |      |                                                  |      |      |      |     |      |                   |      |      |      |     |      |                                                                            |   |   |   |   |   |    |
| iii. Beli Charana-2746                                                     | <1.0                                   | <1.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 8.45                                               | 7.0                       | 1500                                             |              |                 |                                                  |                                              |     |      |      |     |      |                                                  |     |      |      |     |      |                                                  |      |      |      |     |      |                   |      |      |      |     |      |                                                                            |   |   |   |   |   |    |
| iv. Surajpur-2747                                                          | <1.0                                   | <1.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 8.25                                               | 6.9                       | 1300                                             |              |                 |                                                  |                                              |     |      |      |     |      |                                                  |     |      |      |     |      |                                                  |      |      |      |     |      |                   |      |      |      |     |      |                                                                            |   |   |   |   |   |    |
| v. Bhagwatinagar, 1 Km, D/S below STP discharge point at Bhagwati Ngr-4055 | -                                      | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                                  | -                         | -                                                |              |                 |                                                  |                                              |     |      |      |     |      |                                                  |     |      |      |     |      |                                                  |      |      |      |     |      |                   |      |      |      |     |      |                                                                            |   |   |   |   |   |    |
| 4.                                                                         | River Basanter, Samba                  | <table><tr><th>NWMP Monitoring Site/ Sanctioned Station Code</th><th>BOD &lt;2.0 (mg/l)</th><th>COD</th><th>pH (6.5-8.5)</th><th>DO &gt; 5.0 (mg/l)</th><th>Coliform count after 24 Hrs. (CFU/100 ml (500))</th></tr><tr><td>a) Chak Manga Gujar Samba (2753)</td><td>3.6</td><td>17.0</td><td>7.90</td><td>3.4</td><td>1200</td></tr></table>                                                                                                                                                                                                                                                                                                                                                                                                                                    | NWMP Monitoring Site/ Sanctioned Station Code      | BOD <2.0 (mg/l)           | COD                                              | pH (6.5-8.5) | DO > 5.0 (mg/l) | Coliform count after 24 Hrs. (CFU/100 ml (500))  | a) Chak Manga Gujar Samba (2753)             | 3.6 | 17.0 | 7.90 | 3.4 | 1200 | NA                                               |     |      |      |     |      |                                                  |      |      |      |     |      |                   |      |      |      |     |      |                                                                            |   |   |   |   |   |    |
| NWMP Monitoring Site/ Sanctioned Station Code                              | BOD <2.0 (mg/l)                        | COD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | pH (6.5-8.5)                                       | DO > 5.0 (mg/l)           | Coliform count after 24 Hrs. (CFU/100 ml (500))  |              |                 |                                                  |                                              |     |      |      |     |      |                                                  |     |      |      |     |      |                                                  |      |      |      |     |      |                   |      |      |      |     |      |                                                                            |   |   |   |   |   |    |
| a) Chak Manga Gujar Samba (2753)                                           | 3.6                                    | 17.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 7.90                                               | 3.4                       | 1200                                             |              |                 |                                                  |                                              |     |      |      |     |      |                                                  |     |      |      |     |      |                                                  |      |      |      |     |      |                   |      |      |      |     |      |                                                                            |   |   |   |   |   |    |
| 5.                                                                         | River Chenab at Akhnoor                | <table><tr><th>NWMP Monitoring Site/ Sanctioned Station Code</th><th>BOD &lt;2.0 (mg/l)</th><th>COD -</th><th>pH (6.5-8.5)</th><th>DO &gt; 5.0 (mg/l)</th><th>Coliform count after 24 Hrs. (CFU/100 ml (500))</th></tr><tr><td>a) At Jio-Pota Mandir (2751)</td><td>1.0</td><td>2.2</td><td>7.32</td><td>7.1</td><td>700</td></tr></table>                                                                                                                                                                                                                                                                                                                                                                                                                                        | NWMP Monitoring Site/ Sanctioned Station Code      | BOD <2.0 (mg/l)           | COD -                                            | pH (6.5-8.5) | DO > 5.0 (mg/l) | Coliform count after 24 Hrs. (CFU/100 ml (500))  | a) At Jio-Pota Mandir (2751)                 | 1.0 | 2.2  | 7.32 | 7.1 | 700  | NA                                               |     |      |      |     |      |                                                  |      |      |      |     |      |                   |      |      |      |     |      |                                                                            |   |   |   |   |   |    |
| NWMP Monitoring Site/ Sanctioned Station Code                              | BOD <2.0 (mg/l)                        | COD -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | pH (6.5-8.5)                                       | DO > 5.0 (mg/l)           | Coliform count after 24 Hrs. (CFU/100 ml (500))  |              |                 |                                                  |                                              |     |      |      |     |      |                                                  |     |      |      |     |      |                                                  |      |      |      |     |      |                   |      |      |      |     |      |                                                                            |   |   |   |   |   |    |
| a) At Jio-Pota Mandir (2751)                                               | 1.0                                    | 2.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 7.32                                               | 7.1                       | 700                                              |              |                 |                                                  |                                              |     |      |      |     |      |                                                  |     |      |      |     |      |                                                  |      |      |      |     |      |                   |      |      |      |     |      |                                                                            |   |   |   |   |   |    |
| 6.                                                                         | River Gowkadal (A tributary of Jhelum) | <table><tr><th>NWMP Sanctioned Site</th><th>BOD &lt;2.0 (mg/l)</th><th>COD</th><th>pH (6.5-8.5)</th><th>DO &gt; 5.0 (mg/l)</th><th>Coliform count after 24 Hrs. (CFU/100 ml (500))</th></tr></table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | NWMP Sanctioned Site                               | BOD <2.0 (mg/l)           | COD                                              | pH (6.5-8.5) | DO > 5.0 (mg/l) | Coliform count after 24 Hrs. (CFU/100 ml (500))  | NA                                           |     |      |      |     |      |                                                  |     |      |      |     |      |                                                  |      |      |      |     |      |                   |      |      |      |     |      |                                                                            |   |   |   |   |   |    |
| NWMP Sanctioned Site                                                       | BOD <2.0 (mg/l)                        | COD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | pH (6.5-8.5)                                       | DO > 5.0 (mg/l)           | Coliform count after 24 Hrs. (CFU/100 ml (500))  |              |                 |                                                  |                                              |     |      |      |     |      |                                                  |     |      |      |     |      |                                                  |      |      |      |     |      |                   |      |      |      |     |      |                                                                            |   |   |   |   |   |    |

|                                                        |                                                       | Gowkadal, Station Code (1306)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3.2          | 26.23           | 7.63                                            | 4.7 |  |                                                        |                 |     |              |                 |                                                 |                                    |     |      |      |     |   |                                  |     |       |      |     |   |                       |     |      |      |     |  |                           |     |      |      |      |  |                       |     |      |      |     |  |                       |     |      |      |     |  |                     |     |      |      |     |  |                          |     |      |      |     |  |                            |     |      |      |     |  |                       |     |       |      |     |  |                            |     |      |      |     |  |    |
|--------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------------|-------------------------------------------------|-----|--|--------------------------------------------------------|-----------------|-----|--------------|-----------------|-------------------------------------------------|------------------------------------|-----|------|------|-----|---|----------------------------------|-----|-------|------|-----|---|-----------------------|-----|------|------|-----|--|---------------------------|-----|------|------|------|--|-----------------------|-----|------|------|-----|--|-----------------------|-----|------|------|-----|--|---------------------|-----|------|------|-----|--|--------------------------|-----|------|------|-----|--|----------------------------|-----|------|------|-----|--|-----------------------|-----|-------|------|-----|--|----------------------------|-----|------|------|-----|--|----|
| 7.                                                     | River Jhelum at Srinagar (Anantnag to Chhatabal Weir) | <table><tr><th>NWMP/PCB Monitoring Sites with Sanctioned Station Code</th><th>BOD &lt;2.0 (mg/l)</th><th>COD</th><th>pH (6.5-8.5)</th><th>DO &gt; 5.0 (mg/l)</th><th>Coliform count after 24 Hrs. (CFU/100 ml (500))</th></tr><tr><td>i. Anantnag (1304)</td><td>2.8</td><td>26.1</td><td>7.22</td><td>6.2</td><td></td></tr><tr><td>ii. Batingon, (PCB Site)</td><td>3.1</td><td>29.9</td><td>7.15</td><td>5.9</td><td></td></tr><tr><td>iii. Bijbehara (4053)</td><td>3.2</td><td>28.4</td><td>7.62</td><td>6.1</td><td></td></tr><tr><td>iv. Sangam U/S (PCB Site)</td><td>3.0</td><td>27.7</td><td>7.69</td><td>6.20</td><td></td></tr><tr><td>v. Sangam D/S, (3273)</td><td>2.5</td><td>28.1</td><td>7.66</td><td>5.9</td><td></td></tr><tr><td>vi. Awantipora (3274)</td><td>2.2</td><td>18.9</td><td>7.69</td><td>6.0</td><td></td></tr><tr><td>vii. Pampore (3275)</td><td>2.4</td><td>18.9</td><td>7.70</td><td>5.9</td><td></td></tr><tr><td>viii. Panthachowk (4054)</td><td>2.0</td><td>26.8</td><td>7.67</td><td>6.2</td><td></td></tr><tr><td>ix. Pandarathan (PCB Site)</td><td>2.0</td><td>17.3</td><td>7.27</td><td>6.0</td><td></td></tr><tr><td>x. Zero Bridge (1410)</td><td>2.5</td><td>22.95</td><td>7.40</td><td>4.9</td><td></td></tr><tr><td>xi. Chhattabal Weir (1411)</td><td>2.9</td><td>29.5</td><td>7.50</td><td>4.1</td><td></td></tr></table> |              |                 |                                                 |     |  | NWMP/PCB Monitoring Sites with Sanctioned Station Code | BOD <2.0 (mg/l) | COD | pH (6.5-8.5) | DO > 5.0 (mg/l) | Coliform count after 24 Hrs. (CFU/100 ml (500)) | i. Anantnag (1304)                 | 2.8 | 26.1 | 7.22 | 6.2 |   | ii. Batingon, (PCB Site)         | 3.1 | 29.9  | 7.15 | 5.9 |   | iii. Bijbehara (4053) | 3.2 | 28.4 | 7.62 | 6.1 |  | iv. Sangam U/S (PCB Site) | 3.0 | 27.7 | 7.69 | 6.20 |  | v. Sangam D/S, (3273) | 2.5 | 28.1 | 7.66 | 5.9 |  | vi. Awantipora (3274) | 2.2 | 18.9 | 7.69 | 6.0 |  | vii. Pampore (3275) | 2.4 | 18.9 | 7.70 | 5.9 |  | viii. Panthachowk (4054) | 2.0 | 26.8 | 7.67 | 6.2 |  | ix. Pandarathan (PCB Site) | 2.0 | 17.3 | 7.27 | 6.0 |  | x. Zero Bridge (1410) | 2.5 | 22.95 | 7.40 | 4.9 |  | xi. Chhattabal Weir (1411) | 2.9 | 29.5 | 7.50 | 4.1 |  | NA |
| NWMP/PCB Monitoring Sites with Sanctioned Station Code | BOD <2.0 (mg/l)                                       | COD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | pH (6.5-8.5) | DO > 5.0 (mg/l) | Coliform count after 24 Hrs. (CFU/100 ml (500)) |     |  |                                                        |                 |     |              |                 |                                                 |                                    |     |      |      |     |   |                                  |     |       |      |     |   |                       |     |      |      |     |  |                           |     |      |      |      |  |                       |     |      |      |     |  |                       |     |      |      |     |  |                     |     |      |      |     |  |                          |     |      |      |     |  |                            |     |      |      |     |  |                       |     |       |      |     |  |                            |     |      |      |     |  |    |
| i. Anantnag (1304)                                     | 2.8                                                   | 26.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 7.22         | 6.2             |                                                 |     |  |                                                        |                 |     |              |                 |                                                 |                                    |     |      |      |     |   |                                  |     |       |      |     |   |                       |     |      |      |     |  |                           |     |      |      |      |  |                       |     |      |      |     |  |                       |     |      |      |     |  |                     |     |      |      |     |  |                          |     |      |      |     |  |                            |     |      |      |     |  |                       |     |       |      |     |  |                            |     |      |      |     |  |    |
| ii. Batingon, (PCB Site)                               | 3.1                                                   | 29.9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 7.15         | 5.9             |                                                 |     |  |                                                        |                 |     |              |                 |                                                 |                                    |     |      |      |     |   |                                  |     |       |      |     |   |                       |     |      |      |     |  |                           |     |      |      |      |  |                       |     |      |      |     |  |                       |     |      |      |     |  |                     |     |      |      |     |  |                          |     |      |      |     |  |                            |     |      |      |     |  |                       |     |       |      |     |  |                            |     |      |      |     |  |    |
| iii. Bijbehara (4053)                                  | 3.2                                                   | 28.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 7.62         | 6.1             |                                                 |     |  |                                                        |                 |     |              |                 |                                                 |                                    |     |      |      |     |   |                                  |     |       |      |     |   |                       |     |      |      |     |  |                           |     |      |      |      |  |                       |     |      |      |     |  |                       |     |      |      |     |  |                     |     |      |      |     |  |                          |     |      |      |     |  |                            |     |      |      |     |  |                       |     |       |      |     |  |                            |     |      |      |     |  |    |
| iv. Sangam U/S (PCB Site)                              | 3.0                                                   | 27.7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 7.69         | 6.20            |                                                 |     |  |                                                        |                 |     |              |                 |                                                 |                                    |     |      |      |     |   |                                  |     |       |      |     |   |                       |     |      |      |     |  |                           |     |      |      |      |  |                       |     |      |      |     |  |                       |     |      |      |     |  |                     |     |      |      |     |  |                          |     |      |      |     |  |                            |     |      |      |     |  |                       |     |       |      |     |  |                            |     |      |      |     |  |    |
| v. Sangam D/S, (3273)                                  | 2.5                                                   | 28.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 7.66         | 5.9             |                                                 |     |  |                                                        |                 |     |              |                 |                                                 |                                    |     |      |      |     |   |                                  |     |       |      |     |   |                       |     |      |      |     |  |                           |     |      |      |      |  |                       |     |      |      |     |  |                       |     |      |      |     |  |                     |     |      |      |     |  |                          |     |      |      |     |  |                            |     |      |      |     |  |                       |     |       |      |     |  |                            |     |      |      |     |  |    |
| vi. Awantipora (3274)                                  | 2.2                                                   | 18.9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 7.69         | 6.0             |                                                 |     |  |                                                        |                 |     |              |                 |                                                 |                                    |     |      |      |     |   |                                  |     |       |      |     |   |                       |     |      |      |     |  |                           |     |      |      |      |  |                       |     |      |      |     |  |                       |     |      |      |     |  |                     |     |      |      |     |  |                          |     |      |      |     |  |                            |     |      |      |     |  |                       |     |       |      |     |  |                            |     |      |      |     |  |    |
| vii. Pampore (3275)                                    | 2.4                                                   | 18.9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 7.70         | 5.9             |                                                 |     |  |                                                        |                 |     |              |                 |                                                 |                                    |     |      |      |     |   |                                  |     |       |      |     |   |                       |     |      |      |     |  |                           |     |      |      |      |  |                       |     |      |      |     |  |                       |     |      |      |     |  |                     |     |      |      |     |  |                          |     |      |      |     |  |                            |     |      |      |     |  |                       |     |       |      |     |  |                            |     |      |      |     |  |    |
| viii. Panthachowk (4054)                               | 2.0                                                   | 26.8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 7.67         | 6.2             |                                                 |     |  |                                                        |                 |     |              |                 |                                                 |                                    |     |      |      |     |   |                                  |     |       |      |     |   |                       |     |      |      |     |  |                           |     |      |      |      |  |                       |     |      |      |     |  |                       |     |      |      |     |  |                     |     |      |      |     |  |                          |     |      |      |     |  |                            |     |      |      |     |  |                       |     |       |      |     |  |                            |     |      |      |     |  |    |
| ix. Pandarathan (PCB Site)                             | 2.0                                                   | 17.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 7.27         | 6.0             |                                                 |     |  |                                                        |                 |     |              |                 |                                                 |                                    |     |      |      |     |   |                                  |     |       |      |     |   |                       |     |      |      |     |  |                           |     |      |      |      |  |                       |     |      |      |     |  |                       |     |      |      |     |  |                     |     |      |      |     |  |                          |     |      |      |     |  |                            |     |      |      |     |  |                       |     |       |      |     |  |                            |     |      |      |     |  |    |
| x. Zero Bridge (1410)                                  | 2.5                                                   | 22.95                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 7.40         | 4.9             |                                                 |     |  |                                                        |                 |     |              |                 |                                                 |                                    |     |      |      |     |   |                                  |     |       |      |     |   |                       |     |      |      |     |  |                           |     |      |      |      |  |                       |     |      |      |     |  |                       |     |      |      |     |  |                     |     |      |      |     |  |                          |     |      |      |     |  |                            |     |      |      |     |  |                       |     |       |      |     |  |                            |     |      |      |     |  |    |
| xi. Chhattabal Weir (1411)                             | 2.9                                                   | 29.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 7.50         | 4.1             |                                                 |     |  |                                                        |                 |     |              |                 |                                                 |                                    |     |      |      |     |   |                                  |     |       |      |     |   |                       |     |      |      |     |  |                           |     |      |      |      |  |                       |     |      |      |     |  |                       |     |      |      |     |  |                     |     |      |      |     |  |                          |     |      |      |     |  |                            |     |      |      |     |  |                       |     |       |      |     |  |                            |     |      |      |     |  |    |
| 8&9.                                                   | River Sindh at Ganderbal, Srinagar                    | <table><tr><th>NWMP monitoring sites</th><th>BOD &lt;2.0 (mg/l)</th><th>COD</th><th>pH (6.5-8.5)</th><th>DO &gt; 5.0 (mg/l)</th><th>Coliform count after 24 Hrs. (CFU/100 ml (500))</th></tr><tr><td>a) Dodherhama, Station Code (3286)</td><td>1.0</td><td>16</td><td>7.83</td><td>7.4</td><td>-</td></tr><tr><td>a) Chuntkol (Station Code (1307)</td><td>6.0</td><td>52.46</td><td>7.61</td><td>4.0</td><td>-</td></tr></table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |              |                 |                                                 |     |  | NWMP monitoring sites                                  | BOD <2.0 (mg/l) | COD | pH (6.5-8.5) | DO > 5.0 (mg/l) | Coliform count after 24 Hrs. (CFU/100 ml (500)) | a) Dodherhama, Station Code (3286) | 1.0 | 16   | 7.83 | 7.4 | - | a) Chuntkol (Station Code (1307) | 6.0 | 52.46 | 7.61 | 4.0 | - | NA                    |     |      |      |     |  |                           |     |      |      |      |  |                       |     |      |      |     |  |                       |     |      |      |     |  |                     |     |      |      |     |  |                          |     |      |      |     |  |                            |     |      |      |     |  |                       |     |       |      |     |  |                            |     |      |      |     |  |    |
| NWMP monitoring sites                                  | BOD <2.0 (mg/l)                                       | COD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | pH (6.5-8.5) | DO > 5.0 (mg/l) | Coliform count after 24 Hrs. (CFU/100 ml (500)) |     |  |                                                        |                 |     |              |                 |                                                 |                                    |     |      |      |     |   |                                  |     |       |      |     |   |                       |     |      |      |     |  |                           |     |      |      |      |  |                       |     |      |      |     |  |                       |     |      |      |     |  |                     |     |      |      |     |  |                          |     |      |      |     |  |                            |     |      |      |     |  |                       |     |       |      |     |  |                            |     |      |      |     |  |    |
| a) Dodherhama, Station Code (3286)                     | 1.0                                                   | 16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 7.83         | 7.4             | -                                               |     |  |                                                        |                 |     |              |                 |                                                 |                                    |     |      |      |     |   |                                  |     |       |      |     |   |                       |     |      |      |     |  |                           |     |      |      |      |  |                       |     |      |      |     |  |                       |     |      |      |     |  |                     |     |      |      |     |  |                          |     |      |      |     |  |                            |     |      |      |     |  |                       |     |       |      |     |  |                            |     |      |      |     |  |    |
| a) Chuntkol (Station Code (1307)                       | 6.0                                                   | 52.46                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 7.61         | 4.0             | -                                               |     |  |                                                        |                 |     |              |                 |                                                 |                                    |     |      |      |     |   |                                  |     |       |      |     |   |                       |     |      |      |     |  |                           |     |      |      |      |  |                       |     |      |      |     |  |                       |     |      |      |     |  |                     |     |      |      |     |  |                          |     |      |      |     |  |                            |     |      |      |     |  |                       |     |       |      |     |  |                            |     |      |      |     |  |    |

**Note: Stations: 2744, 2745 & 4055 not monitored because the River water has been diverted from there due to construction work.**

#### XIV. Ground water regulation:

The Regulation of ground water is mandated to the J&K Water Resources Regulatory Authority under the J&K Water Resource Regulation and Management Act, 2010. The Authority while approving new schemes or monitoring existing schemes has the power to bar or cancel exploitation, if it feels that ground water replenishment of the aquifers does not commensurate with the exploitation.

#### XV. Good irrigation practices being adopted by the State:

Following practices are adopted:

- Controlling and channelizing the canals and collecting the surface run-off water.
- Ensuring adequate supplies at tail end of the distribution system.
- Minimizing the closure period of canals to the bare minimum from time to time and to minimize carriage losses.

#### XVI. Rain Water Harvesting: Details awaited from H&UDD.

#### XVII. Demarcation of Floodplain and removal of illegal encroachments:

The Water Resource Regulatory Authority is in a process of notification of low lying areas or areas susceptible to floods by inundation, as flood basin under Section 75 and section 76 of Water Resource Management and Regulation Act.

The draft proposal has been forwarded to Water Regulatory Authority (WRRRA) for notification of flood plains, and regarding the status/details in respect 7 No water bodies/low lying areas namely Hockersar Lake,

Nowgam Lake, Hygham Lake, Narkara Numbal, Anchar Lake, Wullar Lake and Left side of River Jehlum from Sangam to Padshaibagh with important land marks along with latitude and longitude forming the boundaries of flood plain and classification of land, the matter stands taken up with Divisional Commissioner, Kashmir.

Besides under World Bank funded PMU Jammu Tawi Flood Recovery Project (JTFRP) the verification of flood plains is being studied through International Consultancy M/S Eptisa Ltd. A preliminary study in this matter has been carried out, however due to the use of coarse resolution of the DEM (Digital Elevation Model) at present, the same is being fine-tuned by them. This study will confirm the flood plains as well as inundation depths.

Removal of encroachments is a continuous process and on the direction of Hon'ble High Court in the PIL titled Noorul-Haq V/S State of J&K, the Department with an active support of District Administration is removing the encroachments on the banks of River Jhelum and other water bodies after proper demarcation and identification by Revenue Authorities. As on date the department has removed 2540 Kaccha and Pacca structures, 1871 boundary walls from River Jhelum and other water bodies.

**XVIII. Maintaining minimum e-flow of river:**

There are no storage reservoirs on the River Jhelum, so the minimum environmental flow is assured at all times. The department has a regulating structure at Srinagar known as Chattabal Weir, to ensure navigation during lean season in the upstream besides ensuring the eco-flow on upstream without affecting the conditions in the downstream.

I&FC Department Jammu is taking consultation of Central Water Commission to regulate minimum e-flow wherever storage schemes on rivers are planned in Jammu Province.

**XIX. Plantation activities along the rivers:-**

| S.No. | Polluted River Stretch                                |
|-------|-------------------------------------------------------|
| 1)    | River Devak, Udhampur                                 |
| 2)    | Banganga, Holy Stream, Katra                          |
| 3)    | River Tawi, Jammu                                     |
| 4)    | River Basanter, Samba                                 |
| 5)    | River Chenab at Akhnoor                               |
| 6)    | River Chuntkol (A tributary of Jhelum)                |
| 7)    | River Gawkadal (A tributary of Jhelum)                |
| 8)    | River Jhelum at Srinagar (Anantnag to Chhatabal Weir) |
| 9)    | River Sindh at Ganderbal, Srinagar                    |

**XX. Development of Biodiversity Park: Jammu Development Authority has developed a park in 5.6 hectare at the bank of river tawi area of polluted river stretch recently.**

**XXI. Reuse of treated water: Details awaited from H&UDD.**

**XXII. Model River being adopted by the State & Action Proposed for achieving the bathing quality standards: Details awaited from H&UDD.**

**XXIII. Status of Preparation of Action Plan by the 13 Coastal States: Does not pertain to J&K.**

**XXIV. Regulation of Mining Activities in the State/UT:**

The Geology & Mining Department, J&K is implementing the Enforcement and Monitoring Guidelines for regulating mining activities in J&K, UT consistently and the following steps have been/are being taken such as:

1. Feasible Geo-referenced Minor Mineral Blocks of all the River Beds/Nallahs were prepared/carved



out and put to e-auction through District Level Auction Committee under Chairmanship of Deputy Commissioner. In total 384 minor minerals blocks have been e-auctioned in J&K UT. Out of 384, 376 have been issued in respect of minor mineral blocks to various Project Proponents. Out of 376 issued, 363 Mining Plans have been approved by the Competent Authority. Till date 67 Mining Leases have been granted to various Project proponents in whose favour Environmental Clearance & Consent to Operate have been issued. Moreover, 56 Mining Leases in respect of e-auctioned minor mineral blocks have been operationalized to meet out the construction material requirement of the general public as well as government works such as National Highways, PMGSY Roads, AIIMS etc.

2. District Survey Reports in respect of all the Districts stands prepared in J&K UT.
3. A Replishment studies for updating of District Survey Report has been taken up in various rivers/nallahs of J&K, UT.
4. Minor mineral blocks in left out/uncovered areas in various rivers/nallahs in J&K UT are being carved out and shall be put to e-auction after seeking NOCs from all Stake Holder Departments as per the guidelines strictly.
5. At stationery clearances including Environmental Clearance and C.T.O. has been made pre-requisite for Grant of any mining Lease/quarry permit/ STP permission.
6. Environmental Audit condition as per the Hon'ble NGT directions has been incorporated in the Mining Lease Deed.
7. District Level Task Force Cell has been constituted vide Government order No.1569-GAD of 2018 dated 22.10.2018 to curb the illegal Mining issues in the district and the rates of Minor Minerals including Sand in all the districts of J&K UT have been fixed by the District Administration of concerned District for regulating the Sale Price of Minor Minerals.
8. For proper Transportation of Minor Minerals, transportation challans with following security feature have been introduced recently:-
  - a) Unique Bar Code.
  - b) Unique quick response code.
  - c) Water Nark.
9. The Department has taken up the construction work of several check posts and in process to install Hi-Tech system with CCTVs to monitor the transportation of Minor Minerals including River Bed Material in J&K UT.
10. Wherever the guidelines are violated, the action under section 21(4) and (5) is taken against the violators.

**XXV.** Action against identified polluters, law violators and officers responsible for failure for vigorous monitoring. The JK PCC has imposed Environmental Compensation (EC) under Polluter Pays Principle (PPP) to the following:-

| S. No. | Agency                                               | Environment compensation order No. date | Environment penalty-imposed |
|--------|------------------------------------------------------|-----------------------------------------|-----------------------------|
| 1.     | Chief Executive Officer, Municipal Council, Udhampur | 25 PCB of 2019 dt. 21-11-2019           | Rs. 1,39,00,000/-           |
| 2.     | Executive Officer, Municipal Committee, Ramban       | 32 PCB of 2020 dt. 10-09-2020           | Rs. 12,88,000/-             |
| 3.     | Executive Officer, Municipal Council, Sopore         | 36 PCB of 2020 dt. 24-11-2020           | Rs. 1,30,46,000/-           |
| 4.     | Executive Officer, Municipal Committee, Bandipora    | 45 PCB of 2021 dt. 09-02-2021           | Rs.64,21,000/-              |
| 5.     | Executive Officer, Municipal Council, Kathua         | 17-PCC of 2021 dt. 17-12-2021           | Rs. 82,40,0000/-            |
| 6.     | Executive Officer, Municipal Council, Rajouri        | 19-PCC of 2022 dt. 17-01-2022           | Rs.61.80 lacs               |
| 7.     | Chief Executive Officer, Municipal                   | 22-PCC of 2022 dt. 09-01-2022           | Rs.1,06,08,000/-            |

|     |                                                                                                                      |                                                                           |                                         |
|-----|----------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|-----------------------------------------|
|     | Committee, Katra Reasi                                                                                               |                                                                           |                                         |
| 8.  | Hotel Meridian, Panthal Road, Katra Reasi                                                                            | 34-PCB of 2020 dt. 02-11-2020                                             | Rs.56,142/-                             |
| 9.  | SMGS Hospital, Jammu                                                                                                 | 37 PCB of 2020 dt. 29-12-2020                                             | Rs.18,28,000/-                          |
| 10. | M/s Hotel Maharaja, Patnitop, Udhampur                                                                               | 38 PCB of 2020 dt. 30-12-2020                                             | Rs.52,660/-                             |
| 11. | M/s Attar Logistics Plot No.2356, Yard No.6, Tpt. Ngr. Jammu                                                         | 39 PCB of 2021 dt. 06-01-2021                                             | Rs.25,000/-                             |
| 12. | M/s Hotel Patnitop, Chenani Udhampur                                                                                 | 40 PCB of 2021 dt. 12-01-2021                                             | Rs.46,800/-                             |
| 13. | M/s Hotel Kings Banganga, Katra Road Reasi                                                                           | 42 PCB of 2021 dt. 21-01-2021                                             | Rs.33,436/-                             |
| 14. | M/s Hotel Krishna Plaza Rajinder Bazar Jammu                                                                         | 43 PCB of 2021 dt. 05-02-2021                                             | Rs.4,524/-                              |
| 15. | M/s Hotel Holy Shrine Dak Banglow, Road Katra, Reasi                                                                 | 46 PCB of 2021 dt. 15-02-2021                                             | Rs.2,873/-                              |
| 16. | M/s ASCOMs Hospital Sidhra Jammu                                                                                     | 47 PCB of 2021 dt. 15-02-2021                                             | Rs.1,37,34,800/-                        |
| 17. | M/s Hotel Montreal Shalimar Srinagar                                                                                 | Amount deposited Dt. 22.02.2021                                           | Rs.9,660/-                              |
| 18. | M/s Hotel Maa, Balganga Road, Katra                                                                                  | 48 JK PCB of 2021 dt. 10-03-2021                                          | Rs.9,476/-                              |
| 19. | M/s National Highway Authority                                                                                       | i) 50 JK PCB of 2021 dt. 24-03-2021<br>ii) 09 JKPC of 2021 dt. 08-09-2021 | i) Rs.2,00,00,000/-<br>ii) Rs. 0.58 Cr. |
| 20. | M/s Hotel Baisaran Pahalgam, Anantnag                                                                                | 51 JK PCB of 2021 dt. 29-03-2021                                          | Rs.6,855/-                              |
| 21. | M/s Gammon Engineering and Contractors Pvt. Ltd. (Mobile Stone Crusher) at Dhalwas, Ramban                           | 03-PCC of 2021 dt. 30-07-2021                                             | Rs.1,08,000/-                           |
| 22. | M/s Choudhary Jagar Singh Contractions Pvt. Ltd. (Stone Crusher) Village Famrote, Sangaldan-Barala Road, Gool Ramban | 04-PCC of 2021 dt. 30-07-2021                                             | Rs. 2,60,400/-                          |
| 23. | M/s TRG Industries Pvt. Ltd. Stone Crusher, Jowahri, Hadog-Sumber-Road, Ramban                                       | 05-PCC of 2021 dt. 30-07-2021                                             | Rs. 1,54,000/-                          |
| 24. | M/s TRG Industries Pvt. Ltd. Hot Mix Plant, Jowahri, Hadog-Sumber-Road, Ramban                                       | 06-PCC of 2021 dt. 30-07-2021                                             | Rs. 1,54,000/-                          |
| 25. | M/s Milith Karv Engg. & Trading Pvt. Ltd. (Stone Crusher), Dhandrath, Sildhar, Ramban                                | 07-PCC of 2021 dt. 30-07-2021                                             | Rs. 2,60,400/-                          |
| 26. | M/s Milith Karv Engg. & Trading Pvt. Ltd. (Hot Mix Plant), Dhandrath, Sildhar, Ramban                                | 08-PCC of 2021 dt. 30-07-2021                                             | Rs. 2,60,400/-                          |
| 27. | M/s New Natraj Hotel, Bus Stand Katra, District Reasi                                                                | 10-PCC of 2021 dt. 03-12-2021                                             | Rs. 9,612/-                             |
| 28. | M/s Hotel Krishna Bus Stand Katra, District Reasi                                                                    | 11-PCC of 2021 dt. 03-12-2021                                             | Rs. 9,842/-                             |
| 29. | M/s Anil Guest House, Ward No.2, Tea Garden Katra, District Reasi                                                    | 12-PCC of 2021 dt. 03-12-2021                                             | Rs. 2,19,348/-                          |

|     |                                                                                                                                  |                                                          |                 |
|-----|----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|-----------------|
| 30. | M/s National Guest House, Katra Reasi                                                                                            | 13-PCC of 2021 dt. 08-12-2021                            | Rs. 10,137/-    |
| 31. | M/s Hotel Shree Hari Niwas, Katra Reasi                                                                                          | 14-PCC of 2021 dt. 08-12-2021                            | Rs. 11,639/-    |
| 32. | M/s Hotel Prem International Katra, Reasi                                                                                        | 15-PCC of 2021 dt. 08-12-2021                            | Rs. 11,232/-    |
| 33. | M/s Buther Construction Stone Crusher, Rakshalinalasjan Budgam                                                                   | 16-PCC of 2021 dt. 17-12-2021                            | Rs. 19,200/-    |
| 34. | M/s Simm Samm Hotel Reasi Road Katra                                                                                             | 18-PCC of 2021 dt. 24-12-2021                            | Rs. 15,150/-    |
| 35. | M/s 52 RCC GREF Manwal, Jammu                                                                                                    | 20-PCC of 2022 dt. 20-01-2022                            | Rs. 35,000/-    |
| 36. | M/s Shanker Stone Crusher                                                                                                        | 23-PCC of 2022 dt. 09-01-2022                            | Rs. 1,71,000/-  |
| 37. | M/s Diamond Stone Crusher VPO Saranoo Rajouri                                                                                    | 23-PCC of 2022 dt. 09-01-2022                            | Rs. 1,71,000/-  |
| 38. | M/s Zeeshan Brick Kiln Nowbugh Chadoora Budgam                                                                                   | 31-PCC of 2022 dt. 19-03-2022                            | Rs. 17,550/-    |
| 39. | M/s Sultan Ularfreen Brick Kiln Nowbugh Chadoora Budgam                                                                          | 32-PCC of 2022 dt. 14-03-2022                            | Rs. 11,700/-    |
| 40. | M/s Green Stone Crusher Summer Bugh Lasjan Budgam                                                                                | 33-PCC of 2022 dt. 14-03-2022                            | Rs. 6,400/-     |
| 41. | M/s AFCONs Infrastructure Ltd., Pakal Dul Hydro Electric Project, Dul Dam Site Colony, VPO & Tehsil Dul District Kishtwar J&K    | Vide letter dt. 14-03-2022 communicated to the concerned | Rs. 1.00 crore  |
| 42. | M/s Larsen & Toubro (L&T) Construction, Pakal Dul Hydro Electric Project, VPO Dool, Post Office Dool, Tehsil & District Kishtwar | Vide letter dt. 14-03-2022 communicated to the concerned | Rs. 1.00 crore  |
| 43. | M/s Maharishi Dayanand Hospital and Medical Research Centre, B.C. Road, Jammu                                                    | 01-JKPCC of 2022 dt. 27-07-2022                          | Rs. 7,12,000/-  |
| 44. | M/s Choudhary Nursing Home Akhnoor Road, Jammu                                                                                   | 02 JKPCC of 2022 dt. 27-07-2022                          | Rs. 1,79,400/-  |
| 45. | M/s Choudhary Hospital GREF Road, Jammu                                                                                          | 03 JKPCC of 2022 dt. 25-10-2022                          | Rs. 7,31,025/-  |
| 46. | M/s New Sham Guest House Jammu Road Katra-District Reasi                                                                         | 04 JKPCC of 2022 dt. 23-11-2022                          | Rs. 4,08,116/-  |
| 47. | M/s Nephro Care B.C Road, Jammu                                                                                                  | 05 JKPCC of 2023 dt. 07-02-2023                          | Rs. 3,55,100/-  |
| 48. | Executive Officer, Municipal Council, Poonch                                                                                     | 06 JKPCC of 2023 dt. 22-02-2023                          | Rs. 81,00,000/- |

**Environmental compensation imposed on offenders for illegal sand mining from Doodh Ganga Nallah.**

As per the order dated 08-03-2022 of the Hon'ble NGT in O.A. No.241/2021 titled Raja Muzaffar Bhat V/s Union of India and Ors.

|    |                                                                                              |                                 |                |
|----|----------------------------------------------------------------------------------------------|---------------------------------|----------------|
| 1. | Sh. Manzoor Ahmad Rather S/o Gh. Mohi ud Din Rather R/o Summerbudh-Budgam (owner of Tractor) | 01 JKPCC of 2023 Dt. 11-05-2023 | Rs.50,000/-    |
| 2. | Sh. Abdul Qayoom Dar S/O Mohd Ismail Dar R/o Lelhar Budgam (Owner of the Chassis)            | 02 JKPCC of 2023 Dt. 11-05-2023 | Rs. 1,00,000/- |

|     |                                                                                                      |                                 |                |
|-----|------------------------------------------------------------------------------------------------------|---------------------------------|----------------|
| 3.  | Sh. Abdul Ahad Bhat S/o Gh. Mohd Bhat R/o Naru Budgam (Owner of Tractor)                             | 03 JKPCC of 2023 Dt. 11-05-2023 | Rs. 50,000/-   |
| 4.  | Sh. Gh. Qadir Sheikh S/o Gh. Ahmad Sheikh R/o Dadompura Budgam (Owner of Excavator)                  | 04 JKPCC of 2023 Dt. 11-05-2023 | Rs. 2,50,000/- |
| 5.  | Sh. Safeer Ahmad Malik S/o Ali Mohd Malik R/o Kargam – Budgam (Owner of Tractor)                     | 05 JKPCC of 2023 Dt. 11-05-2023 | Rs. 50,000/-   |
| 6.  | Sh. Farooq Ahmad Magray S/o Abdul Gani R/o Mulbal Budgam (Owner of Vehicle No.JK13L-5016)            | 06 JKPCC of 2023 Dt. 11-05-2023 | Rs. 1,00,000/- |
| 7.  | Sh. Abdul Aziz Dar S/o Gh. Mohi ud Din Dar R/o Namethal - Budgam (Owner of Chassis)                  | 07 JKPCC of 2023 Dt. 11-05-2023 | Rs. 1,00,000/- |
| 8.  | Sh. Mohd Rafiq Paul S/o Gh. Mohi ud Din Paul R/o Checkpora – Budgam (Owner of Vehicle No.JK04A-8998) | 08 JKPCC of 2023 Dt. 11-05-2023 | Rs. 1,00,000/- |
| 9.  | Sh. Lateef Ahmad Mir S/o Abdul Gani Mir R/o Hussipora Budgam (owner of Chassis)                      | 09 JKPCC of 2023 Dt. 11-05-2023 | Rs. 1,00,000/- |
| 10. | Sh. Adil Farooq Sofi S/o Farooq Ahmad Sofi R/o Hussipora – Budgam (owner of Vehicle No.JK01L-5299)   | 10 JKPCC of 2023 Dt. 11-05-2023 | Rs. 1,00,000/- |
| 11. | Sh. Younis Farooq S/o Farooq Ahmad Sofi R/o Noam Chadoora Budgam (owner of Tractor)                  | 11 JKPCC of 2023 Dt. 11-05-2023 | Rs. 50,000/-   |
| 12. | Mohd. Rafiq Ganie S/o Gh. Hassan Ganie R/o Hanjigund Budgam (Owner of Veh. JK04D-9651)               | 12 JKPCC of 2023 Dt. 11-05-2023 | Rs. 1,00,000/- |
| 13. | Sh. Mehraj ud Din Bhat S/o Abdul Gani Bhat R/o Razween Budgam (Owner of Tractor)                     | 13 JKPCC of 2023 Dt. 11-05-2023 | Rs. 50,000/-   |
| 14. | Mehraj ud Din Sofi S/o Abdul Rehman Sofi R/o Charisharief Budgam (owner of Veh. No.JK04F-5657)       | 14 JKPCC of 2023 Dt. 11-05-2023 | Rs. 50,000/-   |
| 15. | Sh. Bashrat Ahmad Yatoo S/o Noor Mohd Yatoo R/o Chadoora District Budgam (Owner of Tractor)          | 15 JKPCC of 2023 Dt. 11-05-2023 | Rs. 1,00,000/- |
| 16. | Sh. Manzoor Ahmad Mir S/o Ali Mohd Mir R/o Doyan Chadoora Budgam (Owner of Tractor)                  | 16 JKPCC of 2023 Dt. 11-05-2023 | Rs. 50,000/-   |
| 17. | Sh. Abdul Qayoom Lone S/o Abdul Gani Lone R/o Watrad-Budgam (Owner of Vehicle No.JK01L-7404)         | 17 JKPCC of 2023 Dt. 11-05-2023 | Rs. 1,00,000/- |
| 18. | Sh. Nazir Ahmad Chopan S/o Ahmad Chopan R/o Panzan District Budgam (Owner of Tractor)                | 18 JKPCC of 2023 Dt. 11-05-2023 | Rs. 50,000/-   |
| 19. | Sh. Mohd Altaf Bhat S/o Abdul Rashid Bhat R/o Surasyar – Budgam (Owner of Vehicle No.JK04F-3702)     | 19 JKPCC of 2023 Dt. 11-05-2023 | Rs. 1,00,000/- |
| 20. | Sh. Shahad Ahmad Khan S/o Imdad Ahmad Khan R/o Baqi Mehtab – Budgam (Owner of Vehicle No.JK01P-8212) | 20 JKPCC of 2023 Dt. 11-05-2023 | Rs. 1,00,000/- |
| 21. | Sh. Mukhtar Ahmad Sheikh S/o Nair Ahmad Sheikh R/o Checkpora Chadoora –Budgam (Owner of Tractor)     | 21 JKPCC of 2023 Dt. 11-05-2023 | Rs. 50,000/-   |
| 22. | Sh. Javid Ahmad Dar S/o Bashir Ahmad Dar R/o Marvel – Budgam (Owner of Vehicle No.JK04E-4100)        | 22 JKPCC of 2023 Dt. 11-05-2023 | Rs. 1,00,000/- |
| 23. | Sh. Shahnawaz Ali S/o Ali Mohd Mir R/o Summerbugh – Budgam (Owner of Vehicle No.JK01AC-6984)         | 23 JKPCC of 2023 Dt. 11-05-2023 | Rs. 1,00,000/- |

|     |                                                                                                              |                                 |                |
|-----|--------------------------------------------------------------------------------------------------------------|---------------------------------|----------------|
| 24. | Sh. Kumail Hussain S/o Ghulam Mustafa R/o Chadoora – Budgam (Owner of Vehicle No. JK016-1406)                | 24 JKPCC of 2023 Dt. 11-05-2023 | Rs. 1,00,000/- |
| 25. | Sh. Khursheed Ahmad Yatoo S/o Feroz Ahmad Yatoo R/o Lalgam – Budgam (Owner of Tractor)                       | 25 JKPCC of 2023 Dt. 11-05-2023 | Rs. 50,000/-   |
| 26. | Sh. Maqbool Ahmad Dar S/o Ali Mohd Dar R/o Hanjibugh Budgam (Owner of Tractor)                               | 26 JKPCC of 2023 Dt. 11-05-2023 | Rs. 50,000/-   |
| 27. | Sh. Aqib Ahmad Hanji S/o Gh. Rasool Hanji R/o Bujibagh – Budgam (Owner of Vehicle No. JK03E-2126)            | 27 JKPCC of 2023 Dt. 11-05-2023 | Rs. 1,00,000/- |
| 28. | Sh. Shabir Ahmad S/o Abdul Rehman R/o Arizal – Budgam (Owner of Vehicle No. JK04F-4981)                      | 28 JKPCC of 2023 Dt. 11-05-2023 | Rs. 1,00,000/- |
| 29. | Sh. Mohd Iqbal S/o Gh. Mohd R/o Kralpora – Budgam (Owner of Vehicle No. JK01-6287)                           | 29 JKPCC of 2023 Dt. 11-05-2023 | Rs. 1,00,000/- |
| 30. | Sh. Ifhfaq Ahmad Guroo S/o Abdul Rehman Guroo R/o Malpora – Budgam (Owner of Vehicle No. JK13G-11737)        | 30 JKPCC of 2023 Dt. 11-05-2023 | Rs. 1,00,000/- |
| 31. | Sh. Nazir Ashraf S/o Mohd Ashraf R/o Badipora – Budgam (Owner of Tractor)                                    | 31 JKPCC of 2023 Dt. 11-05-2023 | Rs. 50,000/-   |
| 32. | Sh. Zahoor Ahmad Bhat S/o Gh. Rasool Bhat R/o Kralpora – Budgam (Owner of Vehicle No. JK01N-8061)            | 32 JKPCC of 2023 Dt. 11-05-2023 | Rs. 50,000/-   |
| 33. | Sh. Bashir Ahmad Bhat S/o Gh. Mohi Ud Din Bhat R/o Huroo – District Budgam (Owner of Vehicle No. JK13G-1811) | 33 JKPCC of 2023 Dt. 11-05-2023 | Rs. 1,00,000/- |

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