

| WATER MONITORING FOR MONITORING OF WATER QUALITY                   |                                                                           |                |           |           |         |                 |            |                  |                  |                             |                             |                                |                     |                 |                                   |                         |                 |            |                                |                  |                         |                |                  |                 |                |                               |                           |                               |                  |               |                 |                 |          |            |                     |            |              |                          |   |   |   |
|--------------------------------------------------------------------|---------------------------------------------------------------------------|----------------|-----------|-----------|---------|-----------------|------------|------------------|------------------|-----------------------------|-----------------------------|--------------------------------|---------------------|-----------------|-----------------------------------|-------------------------|-----------------|------------|--------------------------------|------------------|-------------------------|----------------|------------------|-----------------|----------------|-------------------------------|---------------------------|-------------------------------|------------------|---------------|-----------------|-----------------|----------|------------|---------------------|------------|--------------|--------------------------|---|---|---|
| No.                                                                | Name Of Monitoring Location                                               | Velocity (m/s) | Temp (°C) | DO (mg/l) | pH      | Cond (µmhos/cm) | BOD (mg/l) | Nitrite-N (mg/l) | Nitrate-N (mg/l) | Total Coliforms (MPN/100ml) | Fecal Coliforms (MPN/100ml) | Fecal Streptococci (MPN/100ml) | E. Coli (MPN/100ml) | Turbidity (NTU) | Phenolphthalein Alkalinity (mg/l) | Total Alkalinity (mg/l) | Chloride (mg/l) | COD (mg/l) | Total Kjeldahl Nitrogen (mg/l) | Ammonia-N (mg/l) | Total Phosphorus (mg/l) | Calcium (mg/l) | Magnesium (mg/l) | Sulphate (mg/l) | Sulfide (mg/l) | Total Dissolved Solids (mg/l) | Total Fixed Solids (mg/l) | Total Suspended Solids (mg/l) | Phosphate (mg/l) | Barium (mg/l) | Potassium (g/l) | Fluoride (mg/l) | Salinity | % Salinity | Oil & Grease (mg/l) | MLR (mg/l) | MLV50 (mg/l) | Residual Chlorine (mg/l) |   |   |   |
| Data for 100 ml per CFCB distribution based on designated location |                                                                           | -              | -         | 1.0 mg/l  | 6.5-6.8 | -               | 1.0 mg/l   | -                | -                | <100 MPN/100ml              | -                           | -                              | -                   | 0.10            | -                                 | -                       | -               | -          | -                              | -                | -                       | -              | -                | -               | -              | -                             | -                         | -                             | -                | -             | -               | -               | -        | -          | -                   | -          | -            | -                        | - |   |   |
| 1                                                                  | WATER MONITORING AT BANABARA CANAL, BANABARA, PANAJAGUDA                  | 0.9            | 27        | 5.7       | 7.39    | 42230.0         | BDL        | BDL              | BDL              | 400                         | 230                         | 84                             | -                   | 6.90            | BDL                               | 640                     | 10246.96        | -          | 0.36                           | 0.071            | 5000.0                  | 1202.4         | 680.4            | 680.4           | 5200.0         | 2307.0                        | 14032.0                   | 11.0                          | BDL              | 0.135         | 2005.0          | BDL             | 100.01   | 80.39      | -                   | -          | -            | -                        | - |   |   |
| 2                                                                  | WATER MONITORING AT BANABARA CANAL, BANABARA, PANAJAGUDA                  | 1.2            | 28        | 5.5       | 7.30    | 24800.0         | BDL        | 0.110            | BDL              | 320                         | 220                         | 130                            | -                   | 4.05            | BDL                               | 640                     | 10621.70        | -          | 0.36                           | 0.060            | 4200.0                  | 801.0          | 534.0            | 296.1           | 4000.0         | 13021.0                       | 8320.0                    | 10.0                          | BDL              | 0.151         | 2250.0          | BDL             | 174.1    | 83.40      | -                   | -          | -            | -                        | - |   |   |
| 3                                                                  | WATER MONITORING AT BANABARA CANAL, BANABARA, PANAJAGUDA                  | 1.6            | 29        | 7.0       | 6.74    | 111.3           | BDL        | 0.3              | 0.02             | 5400                        | 1300                        | 170                            | -                   | 27.5            | BDL                               | 20.0                    | 17.0            | 6.0        | 0.36                           | BDL              | 24.0                    | 5.6            | 2.4              | 11.1            | 7.0            | 64.0                          | 42.0                      | 20.0                          | BDL              | 0.024         | 2.8             | BDL             | 3.5      | 35.00      | -                   | -          | -            | -                        | - |   |   |
| 4                                                                  | BANABARA CANAL (CHANDRASEKHAR DAM) POINT OF DISCHARGE                     | -              | 26        | 6.7       | 6.31    | 245.5           | BDL        | 0.4              | 0.01             | 500                         | 540                         | 170                            | -                   | 10.0            | BDL                               | 36.0                    | 20.5            | 4.0        | 1.12                           | 0.19             | 48.0                    | 12.0           | 1.9              | 12.3            | 13.5           | 146.0                         | 90.0                      | 23.0                          | BDL              | 0.041         | 5.4             | BDL             | 4.07     | 53.00      | -                   | -          | -            | -                        | - |   |   |
| 5                                                                  | WATER MONITORING AT BANABARA CANAL (CHANDRASEKHAR DAM) POINT OF DISCHARGE | 0.9            | 30        | 6.0       | 6.35    | 177.4           | BDL        | 0.5              | 0.01             | 4000                        | 3300                        | 200                            | -                   | 1.27            | BDL                               | 34.0                    | 21.5            | 8.0        | 1.12                           | 0.25             | 42.0                    | 12.0           | 1.9              | 9.0             | 36.9           | 103.0                         | 67.0                      | 9.0                           | BDL              | 0.009         | 10.1            | 0.22            | 12.79    | 70.06      | -                   | -          | -            | -                        | - |   |   |
| 6                                                                  | WATER MONITORING AT BANABARA CANAL (CHANDRASEKHAR DAM) POINT OF DISCHARGE | -              | 29        | 7.4       | 6.6     | 94.3            | BDL        | 0.2              | 0.009            | 7000                        | 2300                        | 400                            | -                   | 20.0            | BDL                               | 22.0                    | 15.5            | 4.0        | 2.24                           | 0.13             | 20.0                    | 4.01           | 5.9              | 5.0             | 6.1            | 54.0                          | 32.0                      | 17.0                          | BDL              | 0.019         | 1.7             | BDL             | 2.01     | 47.24      | -                   | -          | -            | -                        | - |   |   |
| 7                                                                  | WATER MONITORING AT BANABARA CANAL (CHANDRASEKHAR DAM) POINT OF DISCHARGE | 0.8            | 26        | 6.8       | 7.27    | 37000.0         | BDL        | 0.7              | 0.01             | 320                         | 170                         | 90                             | -                   | 0.97            | BDL                               | 80.0                    | 102.5           | -          | 1.12                           | 0.14             | 5000.0                  | 301.0          | 100.2            | 1407.3          | 1000.0         | 22744.3                       | 10404.0                   | 13.0                          | 0.40             | 2.200         | 800.3           | 0.9             | 30.33    | 54.00      | -                   | -          | -            | -                        | - |   |   |
| 8                                                                  | WATER MONITORING AT BANABARA CANAL (CHANDRASEKHAR DAM) POINT OF DISCHARGE | 0.8            | 26        | 6.8       | 7.36    | 42340.0         | BDL        | 0.1              | 0.005            | 300                         | 140                         | 120                            | -                   | 1.06            | BDL                               | 80.0                    | 102.5           | -          | 1.12                           | 0.17             | 5000.0                  | 400.0          | 190.4            | 1400.5          | 1255.0         | 30070.0                       | 10020.0                   | 14.0                          | 0.40             | 0.220         | 1235.5          | 0.9             | 54.50    | 43.00      | -                   | -          | -            | -                        | - | - |   |
| 9                                                                  | WATER MONITORING AT BANABARA CANAL (CHANDRASEKHAR DAM) POINT OF DISCHARGE | -              | 30        | 6.3       | 7.76    | 20360.0         | BDL        | BDL              | BDL              | 3300                        | 2300                        | 230                            | -                   | 5.11            | BDL                               | 60.0                    | 1109.3          | -          | 1.08                           | 0.13             | 4000.0                  | 320.0          | 306.1            | 430.0           | 1006.2         | 30030.0                       | 5011.0                    | 13.0                          | 0.39             | 1.342         | 253.6           | 1.0             | 44.15    | 32.4       | -                   | -          | -            | -                        | - | - |   |
| 10                                                                 | WATER MONITORING AT BANABARA CANAL (CHANDRASEKHAR DAM) POINT OF DISCHARGE | -              | 29        | 5.5       | 6.0     | 30000.0         | BDL        | 0.3              | 0.000            | 2000                        | 1700                        | 170                            | -                   | 2.52            | BDL                               | 54.0                    | 1212.2          | -          | 1.12                           | 0.10             | 4000.0                  | 400.0          | 890.5            | 362.7           | 965.7          | 21190.0                       | 7301.0                    | 6.0                           | 0.00             | 0.010         | 101.0           | 0.0             | 30.01    | 40.0       | -                   | -          | -            | -                        | - | - |   |
| 11                                                                 | WATER MONITORING AT BANABARA CANAL (CHANDRASEKHAR DAM) POINT OF DISCHARGE | 1.3            | 29        | 5.8       | 7.80    | 43020.0         | BDL        | 0.1              | BDL              | 2300                        | 1300                        | 130                            | -                   | 5.50            | BDL                               | 70.0                    | 14070.4         | -          | 0.36                           | BDL              | 4000.0                  | 801.0          | 632.8            | 1337.0          | 5400.0         | 25022.0                       | 17052.0                   | 13.0                          | 0.05             | 1.401         | 1500.0          | 1.5             | 125.41   | 70.00      | -                   | -          | -            | -                        | - | - |   |
| 12                                                                 | WATER MONITORING AT BANABARA CANAL (CHANDRASEKHAR DAM) POINT OF DISCHARGE | 1.2            | 29        | 6.3       | 7.00    | 40300.0         | BDL        | 0.1              | BDL              | 2300                        | 1300                        | 330                            | -                   | 6.62            | BDL                               | 70.0                    | 14070.4         | -          | 0.36                           | 0.05             | 5400.0                  | 801.0          | 630.2            | 1337.0          | 5000.0         | 27022.0                       | 17054.0                   | 15.0                          | 0.05             | 1.400         | 2204.0          | 1.5             | 175.01   | 80.39      | -                   | -          | -            | -                        | - | - |   |
| 13                                                                 | WATER MONITORING AT BANABARA CANAL (CHANDRASEKHAR DAM) POINT OF DISCHARGE | -              | 30        | 5.3       | 8.07    | 52000.0         | BDL        | BDL              | BDL              | 33                          | 23                          | 11                             | -                   | 3.47            | BDL                               | 112.0                   | 10700.0         | -          | 1.08                           | 0.11             | 7000.0                  | 721.4          | 1203.0           | 2400.2          | 3020.0         | 30203.0                       | 10000.0                   | 8.0                           | 0.00             | 220.64        | 900.0           | 0.5             | 82.01    | 94.5       | -                   | -          | -            | -                        | - | - |   |
| 14                                                                 | WATER MONITORING AT BANABARA CANAL (CHANDRASEKHAR DAM) POINT OF DISCHARGE | -              | 28        | 6.4       | 7.80    | 42230.0         | BDL        | BDL              | BDL              | 230                         | 130                         | 70                             | -                   | 12.30           | BDL                               | 62.0                    | 10394.7         | -          | 0.36                           | 0.10             | 4000.0                  | 400.0          | 823.4            | 1330.1          | 6700.0         | 27044.0                       | 10200.0                   | 13.0                          | 0.02             | 1.011         | 4500.0          | 1.0             | 200.30   | 80.47      | -                   | -          | -            | -                        | - | - | - |
| 15                                                                 | WATER MONITORING AT BANABARA CANAL (CHANDRASEKHAR DAM) POINT OF DISCHARGE | -              | 30        | 6.2       | 8.01    | 52300.0         | BDL        | 0.2              | BDL              | 130                         | 70                          | 40                             | -                   | 6.10            | BDL                               | 82.0                    | 17400.4         | -          | 0.36                           | BDL              | 6400.0                  | 801.0          | 972.0            | 1024.7          | 5075.0         | 30200.0                       | 10000.0                   | 13.0                          | 0.01             | 1.146         | 2374.0          | BDL             | 179.20   | 80.43      | -                   | -          | -            | -                        | - | - | - |
| 16                                                                 | WATER MONITORING AT BANABARA CANAL (CHANDRASEKHAR DAM) POINT OF DISCHARGE | -              | 29        | 6.4       | 8.10    | 51100.0         | BDL        | BDL              | BDL              | 33                          | 13                          | 0.2                            | -                   | 1.00            | BDL                               | 0.00                    | 100.0           | -          | 1.08                           | 0.00             | 6000.0                  | 801.0          | 1003.5           | 2204.0          | 2701.5         | 30400.0                       | 10000.0                   | 4.0                           | 0.00             | 0.004         | 700.0           | 0.5             | 90.34    | 85.3       | -                   | -          | -            | -                        | - | - |   |
| 17                                                                 | WATER MONITORING AT BANABARA CANAL (CHANDRASEKHAR DAM) POINT OF DISCHARGE | -              | 29        | 6.27      | 8.07    | 50000.0         | BDL        | BDL              | BDL              | 200                         | 130                         | 70                             | -                   | 1.24            | BDL                               | 0.00                    | 17100.7         | -          | 0.36                           | BDL              | 5000.0                  | 801.0          | 600.0            | 1000.0          | 5275.0         | 30200.0                       | 10000.0                   | 17.0                          | 0.00             | 1.012         | 2237.0          | BDL             | 100.70   | 80.70      | -                   | -          | -            | -                        | - | - |   |
| 18                                                                 | WATER MONITORING AT BANABARA CANAL (CHANDRASEKHAR DAM) POINT OF DISCHARGE | -              | 28        | 6.2       | 8.16    | 51230.0         | BDL        | 0.124            | 0.000            | 2000                        | 1700                        | 170                            | -                   | 10.40           | BDL                               | 20.0                    | 17100.7         | -          | 1.08                           | 0.013            | 22.0                    | 4.0            | 2.100            | 1.000           | 60.0           | 40.0                          | 8.0                       | BDL                           | BDL              | 31.4          | BDL             | 10.00           | 80.54    | -          | -                   | -          | -            | -                        | - | - |   |
| 19                                                                 | WATER MONITORING AT BANABARA CANAL (CHANDRASEKHAR DAM) POINT OF DISCHARGE | -              | 28        | 6.2       | 8.37    | 146.1           | BDL        | 0.000            | 0.000            | 1400                        | 700                         | 140                            | -                   | 10.32           | BDL                               | 24.0                    | 25.49           | 6.0        | 1.00                           | 0.100            | 20.0                    | 5.01           | 3.400            | 2.400           | 7.4            | 81.0                          | 40.0                      | 9.0                           | BDL              | BDL           | 30.7            | BDL             | 30.40    | 50.00      | -                   | -          | -            | -                        | - | - |   |
| 20                                                                 | WATER MONITORING AT BANABARA CANAL (CHANDRASEKHAR DAM) POINT OF DISCHARGE | -              | 29        | 6.4       | 8.01    | 52300.0         | BDL        | BDL              | BDL              | 70                          | 40                          | 21                             | -                   | 2.56            | BDL                               | 100.0                   | 10004.7         | -          | 1.12                           | 0.10             | 7000.0                  | 801.0          | 1330.5           | 2400.1          | 2370.0         | 30200.0                       | 10000.0                   | 7.0                           | 0.0001           | 120.342       | 700.0           | 0.9             | 60.37    | 57.7       | -                   | -          | -            | -                        | - | - |   |
| 21                                                                 | WATER MONITORING AT BANABARA CANAL (CHANDRASEKHAR DAM) POINT OF DISCHARGE | -              | 30        | 6.4       | 8.03    | 52300.0         | BDL        | 0.1              | BDL              | 330                         | 130                         | 110                            | -                   | 0.35            | BDL                               | 0.00                    | 17400.4         | -          | 0.36                           | BDL              | 6200.0                  | 801.0          | 972.0            | 1004.5          | 5075.0         | 30070.0                       | 10000.0                   | 20.0                          | 0.03             | 1.122         | 2107.0          | BDL             | 100.00   | 70.00      | -                   | -          | -            | -                        | - | - | - |
| 22                                                                 | WATER MONITORING AT BANABARA CANAL (CHANDRASEKHAR DAM) POINT OF DISCHARGE | -              | 27        | 5.5       | 7.5     | 40030.0         | BDL        | 0.30             | 0.000            | 240                         | 130                         | 70                             | -                   | 10.2            | BDL                               | 90.0                    | 1733.00         | -          | 1.7                            | 0.12             | 7500.0                  | 1002.0         | 800.5            | 2200.0          | 600.0          | 2400.0                        | 10010.0                   | 30.0                          | 0.11             | 0.200         | 3024.0          | 1.1             | 100.1    | 81.3       | -                   | -          | -            | -                        | - | - | - |

| No.                                                                | Name Of Monitoring Location                              | Velocity (m/s) | Temp (°C) | DO(mg/l) | pH      | Cond(µmhos/cm) | BOD (mg/l) | Nitrite-N (mg/l) | Nitrate-N (mg/l) | Total Coliforms(MPN/100ml) | Fecal Coliforms (MPN/100ml) | Fecal Streptococci (MPN/100ml) | E.Coli (MPN/100ml) | Turbidity (NTU) | Phenolphthalein Alkalinity (mg/l) | Total Alkalinity (mg/l) | Chloride (mg/l) | COD (mg/l) | Total Kjeldahl Nitrogen (mg/l) | Ammonia-N (mg/l) | Total Phosphorus (mg/l) | Calcium (mg/l) | Magnesium (mg/l) | Sulphate (mg/l) | Sulfide (mg/l) | Total Dissolved Solids (mg/l) | Total Fixed Solids (mg/l) | Total Suspended Solids (mg/l) | Phosphate (mg/l) | Barium (mg/l) | Potassium (g/l) | Fluoride (mg/l) | Salinity | % Salinity | Oil & Grease (mg/l) | MLR (mg/l) | MLV50 (mg/l) | Residual Chlorine (mg/l) |   |   |   |
|--------------------------------------------------------------------|----------------------------------------------------------|----------------|-----------|----------|---------|----------------|------------|------------------|------------------|----------------------------|-----------------------------|--------------------------------|--------------------|-----------------|-----------------------------------|-------------------------|-----------------|------------|--------------------------------|------------------|-------------------------|----------------|------------------|-----------------|----------------|-------------------------------|---------------------------|-------------------------------|------------------|---------------|-----------------|-----------------|----------|------------|---------------------|------------|--------------|--------------------------|---|---|---|
| Data for C&F in per CFCB distribution based on designated location |                                                          |                |           |          | 6.5-6.8 |                |            |                  |                  | 1000 particles             |                             |                                |                    |                 |                                   |                         |                 |            |                                |                  |                         |                |                  |                 |                |                               |                           |                               |                  |               |                 |                 |          |            |                     |            |              |                          |   |   |   |
| 1                                                                  | WATER MONITORING AT BANABARA CANAL, BANABARA, PANAJAGUDA | -              | 26        | 6.0      | 6.74    | 4230           | BDL        | BDL              | BDL              | 1700                       | 700                         | 90                             | -                  | 1.00            | BDL                               | 22.0                    | 5.40            | 8.0        | 0.36                           | BDL              | 12.0                    | 6.0            | 0.400            | 1.30            | 80.0           | 20.0                          | 10.0                      | 3.0                           | BDL              | BDL           | 30.2            | BDL             | 40.00    | 50.36      | -                   | -          | -            | -                        | - | - |   |
| 2                                                                  | WATER MONITORING AT BANABARA CANAL, BANABARA, PANAJAGUDA | -              | 26        | 6.3      | 6.70    | 4340           | BDL        | 0.10             | BDL              | 2200                       | 1300                        | 170                            | -                  | 2.37            | BDL                               | 10.0                    | 1.00            | BDL        | 0.36                           | 0.06             | 12.0                    | 3.4            | BDL              | 1.30            | 10.0           | 20.0                          | 10.0                      | 4.0                           | BDL              | BDL           | 10.2            | 0.06            | 0.62     | 80.33      | -                   | -          | -            | -                        | - | - |   |
| 3                                                                  | WATER MONITORING AT BANABARA CANAL, BANABARA, PANAJAGUDA | -              | 27        | 5.9      | 7.13    | 245.5          | BDL        | 0.3              | BDL              | 3000                       | 1500                        | 150                            | -                  | 5.15            | BDL                               | 40.0                    | 15.5            | 10.0       | 0.36                           | 0.010            | 52.0                    | 14.43          | 5.9              | BDL             | 5.5            | 140.0                         | 80.0                      | 13.0                          | BDL              | 0.017         | 2.3             | BDL             | 1.75     | 20.30      | -                   | -          | -            | -                        | - | - |   |
| 4                                                                  | WATER MONITORING AT BANABARA CANAL, BANABARA, PANAJAGUDA | -              | 26        | 5.4      | 6.01    | 124.2          | 4.0        | BDL              | BDL              | 3000                       | 2000                        | 140                            | -                  | 7.00            | BDL                               | 24.0                    | 10.40           | 20.0       | 1.1                            | 0.07             | 24.0                    | 4.0            | 1.9              | 5.7             | 30.4           | 75.0                          | 30.0                      | 12.0                          | BDL              | 0.007         | 20.6            | BDL             | 15.5     | 80.1       | -                   | -          | -            | -                        | - | - |   |
| 5                                                                  | WATER MONITORING AT BANABARA CANAL, BANABARA, PANAJAGUDA | -              | 26        | 5.9      | 6.33    | 112.2          | BDL        | 0.1              | BDL              | 230                        | 130                         | 33                             | -                  | 1.79            | BDL                               | 36.0                    | 0.0             | 6.0        | 0.36                           | BDL              | 40.0                    | 5.0            | 1.9              | BDL             | 20.1           | 100.0                         | 40.0                      | 0.0                           | 0.04             | BDL           | 15.3            | 0.22            | 10.00    | 70.27      | -                   | -          | -            | -                        | - | - |   |
| 6                                                                  | WATER MONITORING AT BANABARA CANAL, BANABARA, PANAJAGUDA | -              | 27        | 7.1      | 6.33    | 63.36          | BDL        | 0.3              | 0.003            | 3000                       | 1300                        | 170                            | -                  | 5.0             | BDL                               | 14.0                    | 10.5            | 4.0        | 1.12                           | 0.05             | 20.0                    | 4.0            | BDL              | 2.4             | 5.6            | 37.0                          | 20.0                      | 11.0                          | BDL              | 0.005         | 2.0             | BDL             | 3.06     | 53.15      | -                   | -          | -            | -                        | - | - |   |
| 7                                                                  | WATER MONITORING AT BANABARA CANAL, BANABARA, PANAJAGUDA | -              | 27        | 6.4      | 7.05    | 117.0          | BDL        | 1.3              | 0.007            | 3000                       | 1000                        | 100                            | -                  | 0.71            | BDL                               | 10.0                    | 10.5            | 4.0        | 0.36                           | 0.07             | 22.0                    | 4.0            | 2.4              | 3.0             | 20.1           | 70.0                          | 47.0                      | 17.0                          | BDL              | 0.017         | 15.0            | 0.29            | 14.01    | 80.00      | -                   | -          | -            | -                        | - | - |   |
| 8                                                                  | WATER MONITORING AT BANABARA CANAL, BANABARA, PANAJAGUDA | -              | 27        | 6.0      | 6.38    | 61.50          | BDL        | 0.107            | BDL              | 700                        | 330                         | 84                             | -                  | 5.10            | BDL                               | 10.0                    | 11.40           | 4.0        | 1.12                           | BDL              | 10.0                    | 4.01           | BDL              | BDL             | 10.3           | 34.0                          | 20.0                      | 12.0                          | BDL              | 0.004         | 34.2            | BDL             | 30.30    | 90.24      | -                   | -          | -            | -                        | - | - |   |
| 9                                                                  | WATER MONITORING AT BANABARA CANAL, BANABARA, PANAJAGUDA | -              | 26        | 2.7      | 6.4     | 61.31          | 3.97       | 24.0             | BDL              | 5400                       | 800                         | 2200                           | -                  | 4.0             | BDL                               |                         |                 |            |                                |                  |                         |                |                  |                 |                |                               |                           |                               |                  |               |                 |                 |          |            |                     |            |              |                          |   |   |   |
| 10                                                                 | WATER MONITORING AT BANABARA CANAL, BANABARA, PANAJAGUDA | -              | 26        | 4.2      | 6.74    | 3200.0         | BDL        | 0.3              | 0.005            | 720                        | 1100                        | 100                            | -                  | 10.13           | BDL                               | 72.0                    | 141.00          | 0.2        | -                              | 1.7              | 0.32                    | 500.0          | 80.6             | 400.5           | 2472.4         | 3304.0                        | 10000.0                   | 7073.0                        | 14.0             | 0.05          | 12.07           | 2254.0          | 1.1      | 19.6       | 82.6                | -          | -            | -                        | - | - | - |
| 11                                                                 | WATER MONITORING AT BANABARA CANAL, BANABARA, PANAJAGUDA | -              | 26        | 5.6      | 6.74    | 40.39          | 3.2        | 1.6              | 0.2              | 400                        | 630                         | 90                             | -                  | 3.27            | BDL                               | 10.0                    | 0.0             | 20.0       | 0.0                            | 0.10             | 10.0                    | 4.0            | 1.9              | BDL             | 12.0           | 20.0                          | 11.0                      | 5.0                           | BDL              | 0.002         | 10.0            | BDL             | 7.3      | 79.15      | -                   | -          | -            | -                        | - | - |   |
| 12                                                                 | WATER MONITORING AT BANABARA CANAL, BANABARA, PANAJAGUDA | -              | 26        | 4        | 6.64    | 186.6          | 2.0        | 0.335            | 0.009            | 2200                       | 1400                        | 190                            | -                  | 4.24            | BDL                               | 50.0                    | 33.40           | 0.0        | 0.36                           | BDL              | 34.0                    | 8.02           | 1.402            | BDL             | 62.4           | 90.0                          | 55.0                      | 8.0                           | BDL              | 0.017         | 41.0            | BDL             | 34.40    | 90.34      | -                   | -          | -            | -                        | - | - |   |
| 13                                                                 | WATER MONITORING AT BANABARA CANAL, BANABARA, PANAJAGUDA | -              | 26        | 4.1      | 6.32    | 99.44          | BDL        | 0.4              | 0.008            | 2000                       | 1300                        | 170                            | -                  | 4.35            | BDL                               | 20.0                    | 13.0            | 10.0       | 1.00                           | 0.21             | 20.0                    | 4.0            | 1.0              | 1.0             | 20.2           | 60.0                          | 24.0                      | 8.0                           | BDL              | 0.018         | 16.0            | BDL             | 12.1     | 82.1       | -                   | -          | -            | -                        | - | - |   |
| 14                                                                 | WATER MONITORING AT BANABARA CANAL, BANABARA, PANAJAGUDA | -              | 26        | 4.8      | 7.32    | 936.7          | 0.02       | 0.06             | 0.0              | 130                        | 70                          | 33                             | -                  | BDL             | BDL                               | 60.0                    | 13.0            | 0.0        | 1.12                           | 0.2              | 400.0                   | 10.2           | 34.0             | 227.0           | 45.3           | 550.0                         | 400.0                     | 4.0                           | BDL              | 0.018         | 23.0            | 0.07            | 5.37     | 32.45      | -                   | -          | -            | -                        | - | - |   |
| 15                                                                 | WATER MONITORING AT BANABARA CANAL, BANABARA, PANAJAGUDA | -              | 26        | 7.7      | 5.50    | 71.00          | BDL        | 0.200            | BDL              | 2200                       | 740                         | 1700                           | 130                | -               | 1.54                              | BDL                     | 22.0            | 23.0       | 0.0                            | 2.24             | BDL                     | 22.0           | 4.0              | 23.0            | 1.451          | 40.0                          | 41.0                      | 24.0                          | 4.0              | BDL           | BDL             | 20.2            | 0.451    | 21.51      | 80.70               | -          | -            | -                        | - | - | - |
| 16                                                                 | WATER MONITORING AT BANABARA CANAL, BANABARA, PANAJAGUDA | -              | 28        | 4.8      | 6.0     | 107.1          | BDL        | 0.307            | 0.0              | 4700                       | 1300                        | 0.0                            | -                  | 13.01           | BDL                               | 22.0                    | 21.0            | 0.0        | 1.00                           | 0.22             | 34.0                    | 4.0            | 5.0              | 6.0             | 21.2           | 60.0                          | 23.0                      | 19.0                          | BDL              | 0.020         | 9.3             | 0.1             | 75.61    | 9.6        | -                   | -          | -            | -                        | - | - |   |

| No. | Name Of Marketing Location                        | Metal Data |        |       |       |       |       |       |      |       |       | Lead agt | Iron agt | Manganese agt | Cadmium agt | Copper agt | Nickel agt | Chromium agt | Zinc agt | Arsenic agt | Mercury agt |
|-----|---------------------------------------------------|------------|--------|-------|-------|-------|-------|-------|------|-------|-------|----------|----------|---------------|-------------|------------|------------|--------------|----------|-------------|-------------|
|     |                                                   | BSN        | BSN    | BSN   | BSN   | BSN   | BSN   | BSN   | BSN  | BSN   | BSN   |          |          |               |             |            |            |              |          |             |             |
| 1   | BEWA BARRAGE AT BARRAGE (DUMUR, DISTRICT, PUNJAB) | BSN        | BSN    | 0.075 | BSN   | 0.007 | BSN   | BSN   | BSN  | BSN   | BSN   | BSN      | BSN      | 0.003         | BSN         | BSN        | BSN        | BSN          | BSN      | BSN         | BSN         |
| 2   | BEWA BARRAGE AT BARRAGE (DUMUR, DISTRICT, PUNJAB) | BSN        | BSN    | 0.007 | BSN   | BSN   | BSN   | BSN   | BSN  | BSN   | BSN   | BSN      | BSN      | 0.004         | BSN         | BSN        | BSN        | BSN          | BSN      | BSN         | BSN         |
| 3   | BEWA BARRAGE AT BARRAGE (DUMUR, DISTRICT, PUNJAB) | BSN        | 0.175  | 0.003 | BSN   | BSN   | BSN   | BSN   | BSN  | BSN   | BSN   | BSN      | BSN      | BSN           | BSN         | BSN        | BSN        | BSN          | BSN      | BSN         | BSN         |
| 4   | BEWA BARRAGE AT BARRAGE (DUMUR, DISTRICT, PUNJAB) | BSN        | 0.205  | 0.019 | BSN   | BSN   | BSN   | BSN   | BSN  | BSN   | BSN   | BSN      | BSN      | 0.019         | BSN         | BSN        | BSN        | BSN          | BSN      | BSN         | BSN         |
| 5   | BEWA BARRAGE AT BARRAGE (DUMUR, DISTRICT, PUNJAB) | BSN        | 0.045  | 0.302 | BSN   | 0.007 | BSN   | BSN   | BSN  | BSN   | BSN   | BSN      | BSN      | 0.072         | BSN         | BSN        | BSN        | BSN          | BSN      | BSN         | BSN         |
| 6   | BEWA BARRAGE AT BARRAGE (DUMUR, DISTRICT, PUNJAB) | BSN        | 0.225  | 0.014 | BSN   | 0.007 | BSN   | BSN   | BSN  | BSN   | BSN   | BSN      | BSN      | 0.031         | BSN         | BSN        | BSN        | BSN          | BSN      | BSN         | BSN         |
| 7   | BEWA BARRAGE AT BARRAGE (DUMUR, DISTRICT, PUNJAB) | BSN        | BSN    | 0.019 | BSN   | 0.001 | BSN   | BSN   | BSN  | BSN   | BSN   | BSN      | BSN      | 0.019         | BSN         | BSN        | BSN        | BSN          | BSN      | BSN         | BSN         |
| 8   | BEWA BARRAGE AT BARRAGE (DUMUR, DISTRICT, PUNJAB) | BSN        | BSN    | 0.006 | BSN   | BSN   | BSN   | BSN   | BSN  | BSN   | BSN   | BSN      | BSN      | 0.001         | BSN         | BSN        | BSN        | BSN          | BSN      | BSN         | BSN         |
| 9   | BEWA BARRAGE AT BARRAGE (DUMUR, DISTRICT, PUNJAB) | BSN        | BSN    | 0.019 | BSN   | BSN   | BSN   | BSN   | BSN  | BSN   | BSN   | BSN      | BSN      | 0.001         | BSN         | BSN        | BSN        | BSN          | BSN      | BSN         | BSN         |
| 10  | BEWA BARRAGE AT BARRAGE (DUMUR, DISTRICT, PUNJAB) | BSN        | 2.407  | 0.007 | BSN   | 0.017 | BSN   | BSN   | BSN  | BSN   | BSN   | BSN      | BSN      | 0.018         | BSN         | BSN        | BSN        | BSN          | BSN      | BSN         | BSN         |
| 11  | BEWA BARRAGE AT BARRAGE (DUMUR, DISTRICT, PUNJAB) | BSN        | BSN    | BSN   | BSN   | 0.003 | BSN   | BSN   | BSN  | BSN   | BSN   | BSN      | BSN      | BSN           | BSN         | BSN        | BSN        | BSN          | BSN      | BSN         | BSN         |
| 12  | BEWA BARRAGE AT BARRAGE (DUMUR, DISTRICT, PUNJAB) | BSN        | 0.003  | BSN   | BSN   | BSN   | BSN   | BSN   | BSN  | BSN   | BSN   | BSN      | BSN      | BSN           | BSN         | BSN        | BSN        | BSN          | BSN      | BSN         | BSN         |
| 13  | BEWA BARRAGE AT BARRAGE (DUMUR, DISTRICT, PUNJAB) | 0.014      | 0.1243 | 0.018 | BSN   | 0.014 | BSN   | 0.004 | BSN  | 1.670 | 1.303 | 1.352    | BSN      | BSN           | BSN         | BSN        | BSN        | BSN          | BSN      | BSN         | BSN         |
| 14  | BEWA BARRAGE AT BARRAGE (DUMUR, DISTRICT, PUNJAB) | BSN        | BSN    | 0.003 | BSN   | 0.003 | BSN   | BSN   | BSN  | BSN   | BSN   | BSN      | BSN      | 0.012         | BSN         | BSN        | BSN        | BSN          | BSN      | BSN         | BSN         |
| 15  | BEWA BARRAGE AT BARRAGE (DUMUR, DISTRICT, PUNJAB) | BSN        | BSN    | 0.015 | BSN   | BSN   | BSN   | BSN   | BSN  | BSN   | BSN   | BSN      | BSN      | 0.019         | BSN         | BSN        | BSN        | BSN          | BSN      | BSN         | BSN         |
| 16  | BEWA BARRAGE AT BARRAGE (DUMUR, DISTRICT, PUNJAB) | BSN        | 0.009  | 0.219 | BSN   | BSN   | BSN   | BSN   | BSN  | BSN   | BSN   | BSN      | BSN      | 0.074         | BSN         | BSN        | BSN        | BSN          | BSN      | BSN         | BSN         |
| 17  | BEWA BARRAGE AT BARRAGE (DUMUR, DISTRICT, PUNJAB) | BSN        | BSN    | 0.700 | BSN   | BSN   | BSN   | BSN   | BSN  | BSN   | BSN   | BSN      | BSN      | 0.015         | BSN         | BSN        | BSN        | BSN          | BSN      | BSN         | BSN         |
| 18  | BEWA BARRAGE AT BARRAGE (DUMUR, DISTRICT, PUNJAB) | BSN        | 0.105  | 0.012 | BSN   | BSN   | BSN   | BSN   | BSN  | BSN   | BSN   | BSN      | BSN      | 0.011         | BSN         | BSN        | BSN        | BSN          | BSN      | BSN         | BSN         |
| 19  | BEWA BARRAGE AT BARRAGE (DUMUR, DISTRICT, PUNJAB) | BSN        | 0.007  | 0.007 | BSN   | BSN   | BSN   | BSN   | BSN  | BSN   | BSN   | BSN      | BSN      | 0.008         | BSN         | BSN        | BSN        | BSN          | BSN      | BSN         | BSN         |
| 20  | BEWA BARRAGE AT BARRAGE (DUMUR, DISTRICT, PUNJAB) | 0.000      | 1.10   | 0.01  | 0.011 | 0.004 | 1.00  | 0.00  | 4.44 | 1.007 | 1.271 | BSN      | BSN      | BSN           | BSN         | BSN        | BSN        | BSN          | BSN      | BSN         | BSN         |
| 21  | BEWA BARRAGE AT BARRAGE (DUMUR, DISTRICT, PUNJAB) | BSN        | BSN    | 0.017 | BSN   | 0.004 | BSN   | 0.004 | BSN  | BSN   | BSN   | BSN      | BSN      | 0.007         | BSN         | BSN        | BSN        | BSN          | BSN      | BSN         | BSN         |
| 22  | BEWA BARRAGE AT BARRAGE (DUMUR, DISTRICT, PUNJAB) | BSN        | BSN    | BSN   | BSN   | BSN   | BSN   | BSN   | BSN  | BSN   | BSN   | BSN      | BSN      | 0.007         | BSN         | BSN        | BSN        | BSN          | BSN      | BSN         | BSN         |
| 23  | BEWA BARRAGE AT BARRAGE (DUMUR, DISTRICT, PUNJAB) | BSN        | 0.270  | 0.012 | BSN   | BSN   | BSN   | BSN   | BSN  | BSN   | BSN   | BSN      | BSN      | 0.001         | BSN         | BSN        | BSN        | BSN          | BSN      | BSN         | BSN         |
| 24  | BEWA BARRAGE AT BARRAGE (DUMUR, DISTRICT, PUNJAB) | BSN        | BSN    | 0.008 | BSN   | BSN   | BSN   | BSN   | BSN  | BSN   | BSN   | BSN      | BSN      | 0.003         | BSN         | BSN        | BSN        | BSN          | BSN      | BSN         | BSN         |
| 25  | BEWA BARRAGE AT BARRAGE (DUMUR, DISTRICT, PUNJAB) | BSN        | 0.075  | 0.015 | BSN   | 0.001 | BSN   | BSN   | BSN  | BSN   | BSN   | BSN      | BSN      | 0.037         | BSN         | BSN        | BSN        | BSN          | BSN      | BSN         | BSN         |
| 26  | BEWA BARRAGE AT BARRAGE (DUMUR, DISTRICT, PUNJAB) | BSN        | 0.700  | 0.019 | BSN   | 0.001 | BSN   | BSN   | BSN  | BSN   | BSN   | BSN      | BSN      | 0.011         | BSN         | BSN        | BSN        | BSN          | BSN      | BSN         | BSN         |
| 27  | BEWA BARRAGE AT BARRAGE (DUMUR, DISTRICT, PUNJAB) | BSN        | 0.003  | 0.015 | BSN   | BSN   | BSN   | BSN   | BSN  | BSN   | BSN   | BSN      | BSN      | 0.007         | BSN         | BSN        | BSN        | BSN          | BSN      | BSN         | BSN         |
| 28  | BEWA BARRAGE AT BARRAGE (DUMUR, DISTRICT, PUNJAB) | BSN        | 0.002  | 0.009 | BSN   | BSN   | BSN   | BSN   | BSN  | BSN   | BSN   | BSN      | BSN      | BSN           | BSN         | BSN        | BSN        | BSN          | BSN      | BSN         | BSN         |
| 29  | BEWA BARRAGE AT BARRAGE (DUMUR, DISTRICT, PUNJAB) | BSN        | 0.000  | 0.170 | BSN   | BSN   | BSN   | BSN   | BSN  | BSN   | BSN   | BSN      | BSN      | 0.079         | BSN         | BSN        | BSN        | BSN          | BSN      | BSN         | BSN         |
| 30  | BEWA BARRAGE AT BARRAGE (DUMUR, DISTRICT, PUNJAB) | BSN        | 0.000  | 0.000 | BSN   | 0.007 | BSN   | BSN   | BSN  | BSN   | BSN   | BSN      | BSN      | 0.001         | BSN         | BSN        | BSN        | BSN          | BSN      | BSN         | BSN         |
| 31  | BEWA BARRAGE AT BARRAGE (DUMUR, DISTRICT, PUNJAB) | BSN        | 0.004  | 0.003 | BSN   | BSN   | BSN   | BSN   | BSN  | BSN   | BSN   | BSN      | BSN      | BSN           | BSN         | BSN        | BSN        | BSN          | BSN      | BSN         | BSN         |
| 32  | BEWA BARRAGE AT BARRAGE (DUMUR, DISTRICT, PUNJAB) | BSN        | BSN    | 0.009 | BSN   | BSN   | BSN   | BSN   | BSN  | BSN   | BSN   | BSN      | BSN      | 0.019         | BSN         | BSN        | BSN        | BSN          | BSN      | BSN         | BSN         |
| 33  | BEWA BARRAGE AT BARRAGE (DUMUR, DISTRICT, PUNJAB) | BSN        | 0.103  | 0.002 | BSN   | BSN   | BSN   | BSN   | BSN  | BSN   | BSN   | BSN      | BSN      | BSN           | BSN         | BSN        | BSN        | BSN          | BSN      | BSN         | BSN         |
| 34  | BEWA BARRAGE AT BARRAGE (DUMUR, DISTRICT, PUNJAB) | 0.010      | BSN    | BSN   | BSN   | BSN   | BSN   | BSN   | BSN  | BSN   | BSN   | BSN      | BSN      | BSN           | BSN         | BSN        | BSN        | BSN          | BSN      | BSN         | BSN         |
| 35  | BEWA BARRAGE AT BARRAGE (DUMUR, DISTRICT, PUNJAB) | BSN        | 0.110  | 0.017 | BSN   | BSN   | BSN   | BSN   | BSN  | BSN   | BSN   | BSN      | BSN      | BSN           | BSN         | BSN        | BSN        | BSN          | BSN      | BSN         | BSN         |
| 36  | BEWA BARRAGE AT BARRAGE (DUMUR, DISTRICT, PUNJAB) | BSN        | 0.105  | 0.040 | BSN   | 0.003 | BSN   | BSN   | BSN  | BSN   | BSN   | BSN      | BSN      | 0.008         | BSN         | BSN        | BSN        | BSN          | BSN      | BSN         | BSN         |
| 37  | BEWA BARRAGE AT BARRAGE (DUMUR, DISTRICT, PUNJAB) | BSN        | 0.002  | 0.005 | BSN   | BSN   | BSN   | BSN   | BSN  | BSN   | BSN   | BSN      | BSN      | 0.002         | BSN         | BSN        | BSN        | BSN          | BSN      | BSN         | BSN         |
| 38  | BEWA BARRAGE AT BARRAGE (DUMUR, DISTRICT, PUNJAB) | BSN        | 0.229  | 0.002 | BSN   | 0.012 | BSN   | BSN   | BSN  | BSN   | BSN   | BSN      | BSN      | BSN           | BSN         | BSN        | BSN        | BSN          | BSN      | BSN         | BSN         |
| 39  | BEWA BARRAGE AT BARRAGE (DUMUR, DISTRICT, PUNJAB) | BSN        | 0.204  | 0.027 | BSN   | 0.001 | BSN   | BSN   | BSN  | BSN   | BSN   | BSN      | BSN      | 0.001         | BSN         | BSN        | BSN        | BSN          | BSN      | BSN         | BSN         |
| 40  | BEWA BARRAGE AT BARRAGE (DUMUR, DISTRICT, PUNJAB) | BSN        | 0.010  | 0.019 | BSN   | BSN   | BSN   | BSN   | BSN  | BSN   | BSN   | BSN      | BSN      | BSN           | BSN         | BSN        | BSN        | BSN          | BSN      | BSN         | BSN         |
| 41  | BEWA BARRAGE AT BARRAGE (DUMUR, DISTRICT, PUNJAB) | 0.003      | 0.003  | 0.019 | BSN   | 0.003 | BSN   | BSN   | BSN  | BSN   | BSN   | BSN      | BSN      | 0.013         | BSN         | BSN        | BSN        | BSN          | BSN      | BSN         | BSN         |
| 42  | BEWA BARRAGE AT BARRAGE (DUMUR, DISTRICT, PUNJAB) | BSN        | 0.003  | 0.019 | BSN   | 0.001 | BSN   | BSN   | BSN  | BSN   | BSN   | BSN      | BSN      | 0.010         | BSN         | BSN        | BSN        | BSN          | BSN      | BSN         | BSN         |
| 43  | BEWA BARRAGE AT BARRAGE (DUMUR, DISTRICT, PUNJAB) | BSN        | 0.126  | 0.003 | BSN   | 0.003 | BSN   | BSN   | BSN  | BSN   | BSN   | BSN      | BSN      | 0.114         | BSN         | BSN        | BSN        | BSN          | BSN      | BSN         | BSN         |
| 44  | BEWA BARRAGE AT BARRAGE (DUMUR, DISTRICT, PUNJAB) | BSN        | 0.171  | 0.017 | BSN   | 0.001 | BSN   | BSN   | BSN  | BSN   | BSN   | BSN      | BSN      | 0.009         | BSN         | BSN        | BSN        | BSN          | BSN      | BSN         | BSN         |
| 45  | BEWA BARRAGE AT BARRAGE (DUMUR, DISTRICT, PUNJAB) | BSN        | 0.107  | 0.002 | 0.001 | 0.019 | BSN   | BSN   | BSN  | BSN   | BSN   | BSN      | BSN      | 0.041         | BSN         | BSN        | BSN        | BSN          | BSN      | BSN         | BSN         |
| 46  | BEWA BARRAGE AT BARRAGE (DUMUR, DISTRICT, PUNJAB) | BSN        | BSN    | 0.019 | BSN   | BSN   | BSN   | BSN   | BSN  | BSN   | BSN   | BSN      | BSN      | BSN           | BSN         | BSN        | BSN        | BSN          | BSN      | BSN         | BSN         |
| 47  | BEWA BARRAGE AT BARRAGE (DUMUR, DISTRICT, PUNJAB) | BSN        | 1.647  | 0.007 | BSN   | 0.000 | BSN   | BSN   | BSN  | BSN   | BSN   | BSN      | BSN      | 0.017         | 0.003       | BSN        | BSN        | BSN          | BSN      | BSN         | BSN         |
| 48  | BEWA BARRAGE AT BARRAGE (DUMUR, DISTRICT, PUNJAB) | BSN        | BSN    | 0.009 | BSN   | BSN   | BSN   | BSN   | BSN  | BSN   | BSN   | BSN      | BSN      | 0.005         | BSN         | BSN        | BSN        | BSN          | BSN      | BSN         | BSN         |
| 49  | BEWA BARRAGE AT BARRAGE (DUMUR, DISTRICT, PUNJAB) | BSN        | BSN    | 0.009 | BSN   | BSN   | BSN   | BSN   | BSN  | BSN   | BSN   | BSN      | BSN      | 0.001         | BSN         | BSN        | BSN        | BSN          | BSN      | BSN         | BSN         |
| 50  | BEWA BARRAGE AT BARRAGE (DUMUR, DISTRICT, PUNJAB) | BSN        | BSN    | 0.015 | BSN   | BSN   | BSN   | BSN   | BSN  | BSN   | BSN   | BSN      | BSN      | 0.008         | BSN         | BSN        | BSN        | BSN          | BSN      | BSN         | BSN         |
| 51  | BEWA BARRAGE AT BARRAGE (DUMUR, DISTRICT, PUNJAB) | BSN        | 0.141  | 0.176 | BSN   | 0.014 | 0.005 | BSN   | BSN  | BSN   | BSN   | BSN      | BSN      | 0.015         | BSN         | BSN        | BSN        | BSN          | BSN      | BSN         | BSN         |







